

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040368.D
 Acq On : 20 Feb 2024 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 01:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	70774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56045	53.229	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.460%			
35) Dibromofluoromethane	5.379	113	42026	47.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.260%			
50) Toluene-d8	8.647	98	147874	44.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.620%#			
62) 4-Bromofluorobenzene	11.079	95	58659	43.580	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43187	54.020	ug/l	98
3) Chloromethane	1.294	50	44854	54.408	ug/l	99
4) Vinyl Chloride	1.374	62	45946	52.739	ug/l	99
5) Bromomethane	1.599	94	28388	57.743	ug/l	100
6) Chloroethane	1.679	64	27961	50.890	ug/l	98
7) Trichlorofluoromethane	1.886	101	73230	52.342	ug/l	97
8) Diethyl Ether	2.130	74	28174	53.607	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	40525	53.999	ug/l	99
10) Methyl Iodide	2.453	142	46842	56.221	ug/l	94
11) Tert butyl alcohol	2.959	59	63465	309.449	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39278	54.358	ug/l	94
13) Acrolein	2.233	56	52289	276.222	ug/l	99
14) Allyl chloride	2.660	41	74221	59.190	ug/l	97
15) Acrylonitrile	3.062	53	147695	321.856	ug/l	99
16) Acetone	2.380	43	130133	300.929	ug/l	98
17) Carbon Disulfide	2.508	76	83873	43.967	ug/l	98
18) Methyl Acetate	2.703	43	68340	58.952	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	153476	60.290	ug/l	100
20) Methylene Chloride	2.788	84	47378	58.720	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	42491	51.633	ug/l	95
22) Diisopropyl ether	3.757	45	161985	63.696	ug/l	99
23) Vinyl Acetate	3.721	43	733279	323.449	ug/l	100
24) 1,1-Dichloroethane	3.611	63	88918	60.024	ug/l	99
25) 2-Butanone	4.556	43	208417	308.328	ug/l	96
26) 2,2-Dichloropropane	4.471	77	60688	53.219	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	52623	56.053	ug/l	96
28) Bromochloromethane	4.897	49	38620	61.405	ug/l	98
29) Tetrahydrofuran	5.001	42	139137	315.945	ug/l	99
30) Chloroform	5.093	83	94453	58.973	ug/l	94
31) Cyclohexane	5.471	56	63740	50.753	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	75704	56.186	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61091	49.429	ug/l	99
37) Ethyl Acetate	4.708	43	79586	57.872	ug/l	99
38) Carbon Tetrachloride	5.678	117	59652	50.763	ug/l	97
39) Methylcyclohexane	7.379	83	66503	46.301	ug/l	98
40) Benzene	6.037	78	178953	51.778	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45093	61.854	ug/l	97
42) 1,2-Dichloroethane	6.086	62	77295	57.216	ug/l	99
43) Isopropyl Acetate	6.342	43	127584	59.431	ug/l	99
44) Trichloroethene	7.129	130	47456	49.778	ug/l	98
45) 1,2-Dichloropropane	7.434	63	50933	56.618	ug/l	100
46) Dibromomethane	7.580	93	36626	55.282	ug/l	99
47) Bromodichloromethane	7.824	83	71054	55.659	ug/l	99
48) Methyl methacrylate	7.690	41	64491	58.710	ug/l	96
49) 1,4-Dioxane	7.659	88	25489	1066.636	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	442197	301.700	ug/l	98
52) Toluene	8.720	92	112819	49.835	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	72695	47.907	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77176	53.943	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	52227	54.090	ug/l	97
56) Ethyl methacrylate	9.116	69	79723	55.153	ug/l	95
57) 1,3-Dichloropropane	9.305	76	87497	55.518	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	185129	270.735	ug/l	95
59) 2-Hexanone	9.427	43	344141	296.145	ug/l	99
60) Dibromochloromethane	9.519	129	51897	52.755	ug/l	98
61) 1,2-Dibromoethane	9.610	107	53801	52.420	ug/l	98
64) Tetrachloroethene	9.275	164	41306	50.445	ug/l	98
65) Chlorobenzene	10.079	112	124406	51.014	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	46307	54.827	ug/l	100
67) Ethyl Benzene	10.195	91	228613	52.636	ug/l	99
68) m/p-Xylenes	10.299	106	169765	103.494	ug/l	97
69) o-Xylene	10.640	106	84495	53.007	ug/l	98
70) Styrene	10.653	104	143544	54.164	ug/l	98
71) Bromoform	10.799	173	37493	47.361	ug/l #	98
73) Isopropylbenzene	10.963	105	225287	51.800	ug/l	99
74) N-amyl acetate	10.842	43	114787	61.573	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	87505	56.002	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72402m	57.901	ug/l	
77) Bromobenzene	11.195	156	53662	52.240	ug/l	99
78) n-propylbenzene	11.305	91	274078	52.052	ug/l	98
79) 2-Chlorotoluene	11.366	91	164477	51.730	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	194090	53.009	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20941	47.238	ug/l	98
82) 4-Chlorotoluene	11.451	91	193000	51.231	ug/l	100
83) tert-Butylbenzene	11.713	119	185192	51.589	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	193375	52.202	ug/l	100
85) sec-Butylbenzene	11.890	105	239977	52.018	ug/l	99
86) p-Isopropyltoluene	12.006	119	195280	51.639	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103465	50.835	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	104803	48.628	ug/l	99
89) n-Butylbenzene	12.329	91	189361	51.873	ug/l	97
90) Hexachloroethane	12.536	117	31738	53.207	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	102317	51.929	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19767	54.812	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	67604	50.117	ug/l	96
94) Hexachlorobutadiene	13.725	225	24941	46.328	ug/l	99
95) Naphthalene	13.774	128	228789	53.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65864	51.225	ug/l	98

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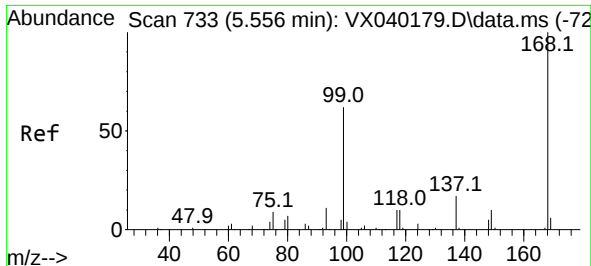
Manual Integrations
APPROVED

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Response via : Initial Calibration

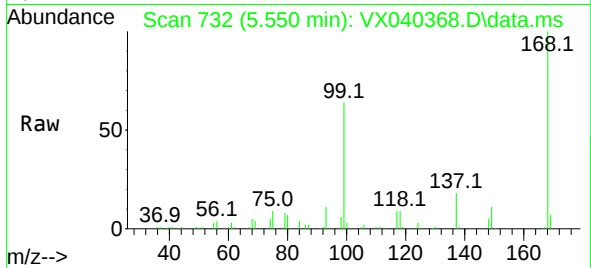
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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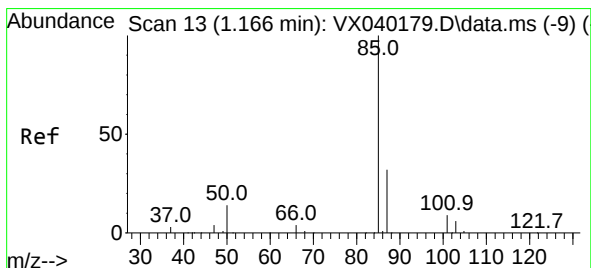
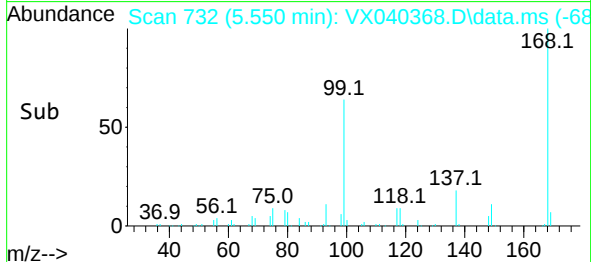
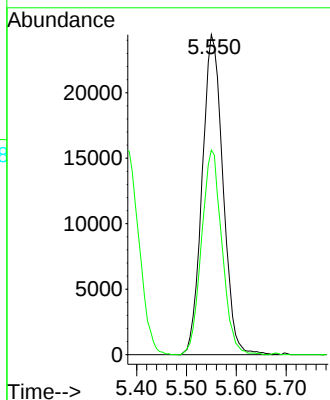
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 70774
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0

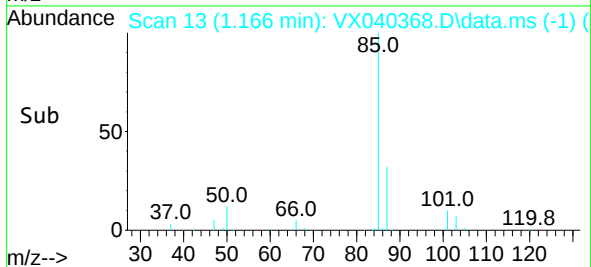
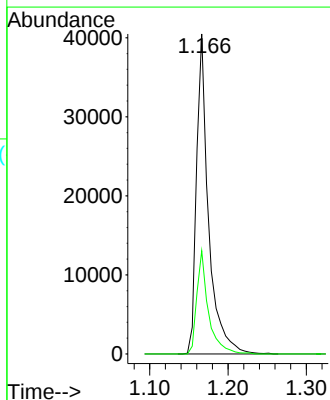
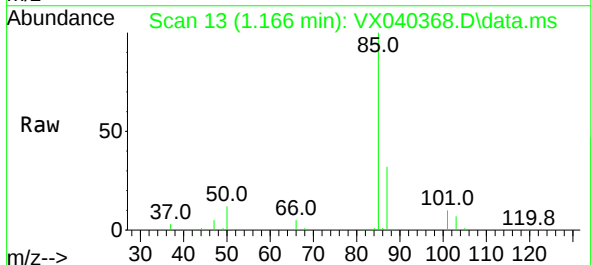
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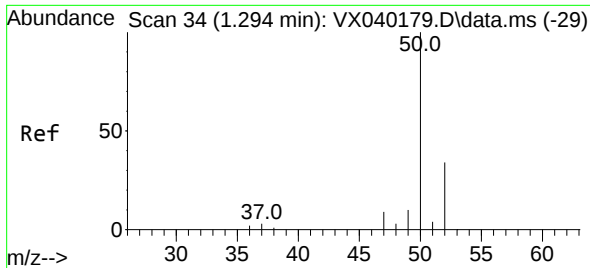
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#2
Dichlorodifluoromethane
Concen: 54.020 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

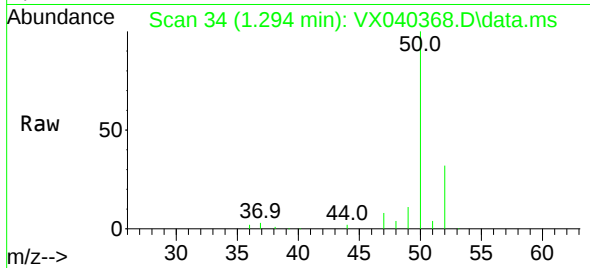
Tgt Ion: 85 Resp: 43187
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 54.408 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

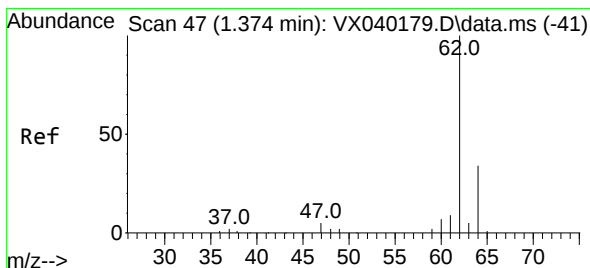
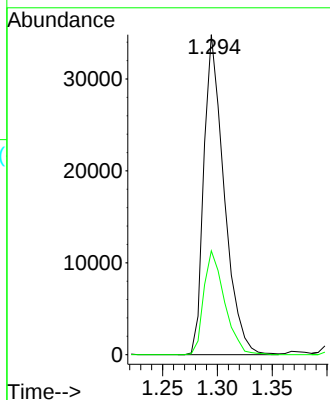
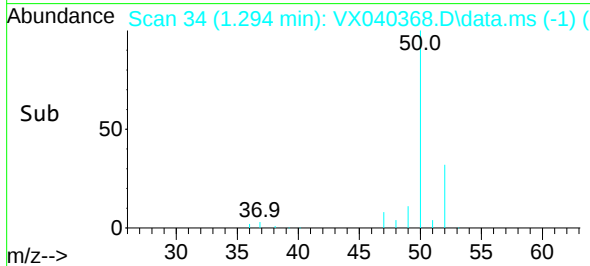
Instrument :
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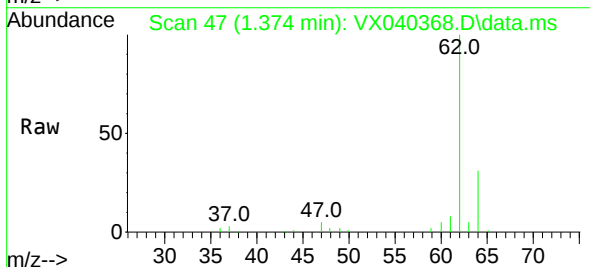
Tgt Ion: 50 Resp: 44854
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

Manual Integrations
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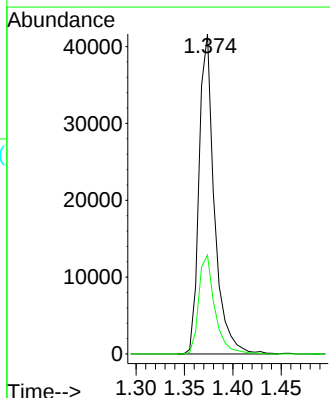
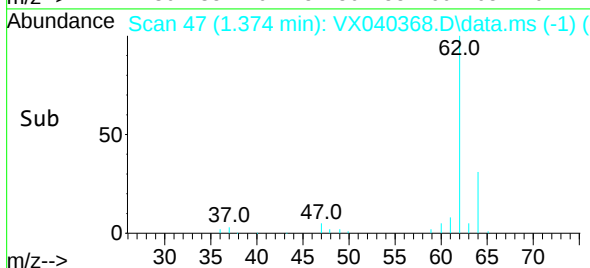
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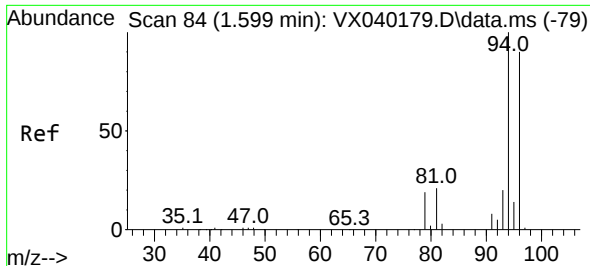


#4
Vinyl Chloride
Concen: 52.739 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



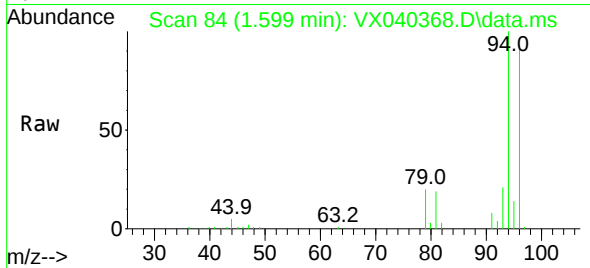
Tgt Ion: 62 Resp: 45946
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
 Bromomethane
 Concen: 57.743 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX040368.D
 Acq: 20 Feb 2024 19:36

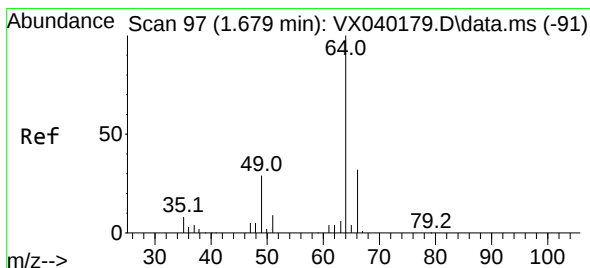
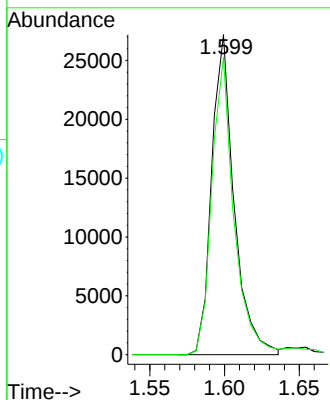
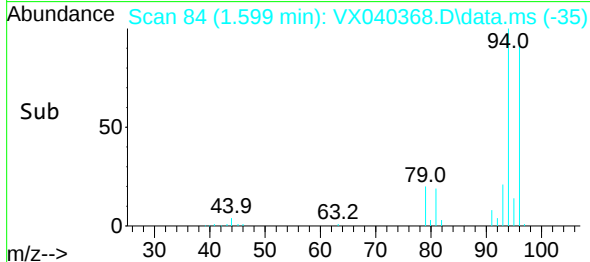
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Tgt Ion: 94 Resp: 2838
 Ion Ratio Lower Upper
 94 100
 96 93.0 74.6 111.8

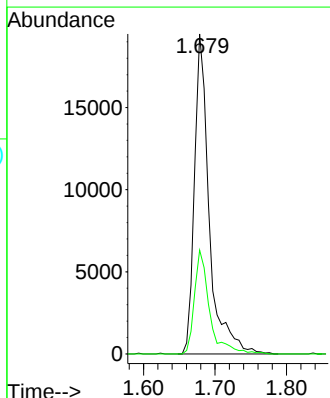
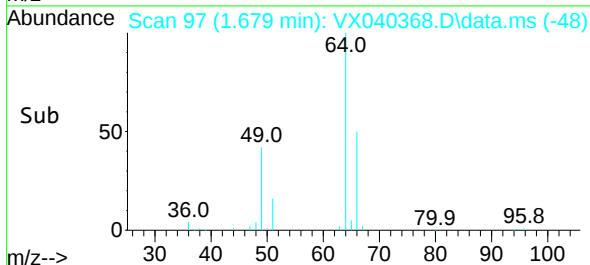
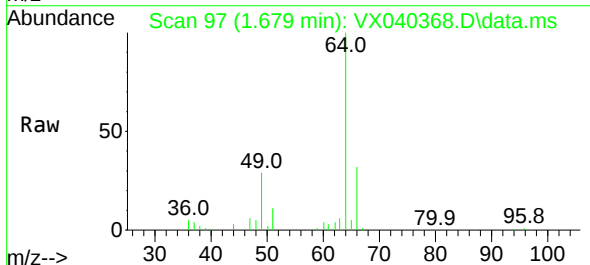
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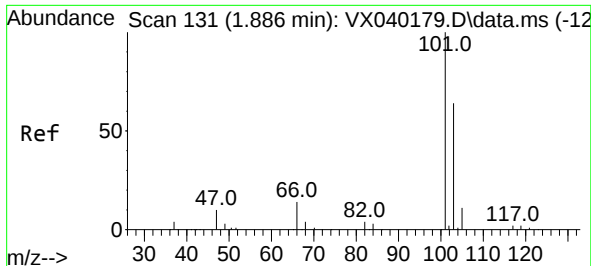
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024



#6
 Chloroethane
 Concen: 50.890 ug/l
 RT: 1.679 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VX040368.D
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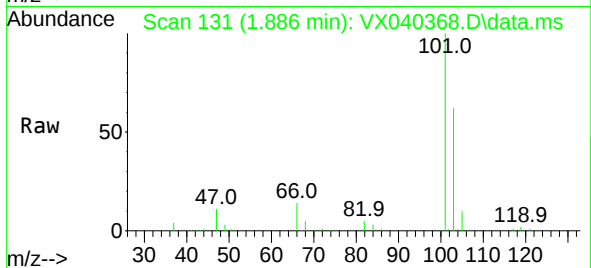
Tgt Ion: 64 Resp: 27961
 Ion Ratio Lower Upper
 64 100
 66 32.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.342 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040368.D
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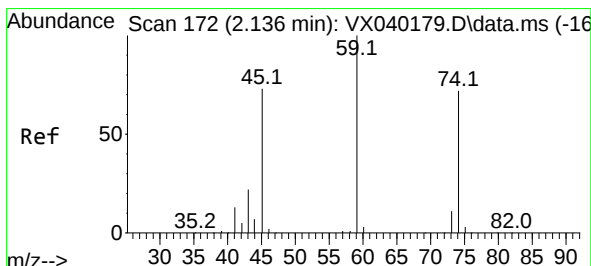
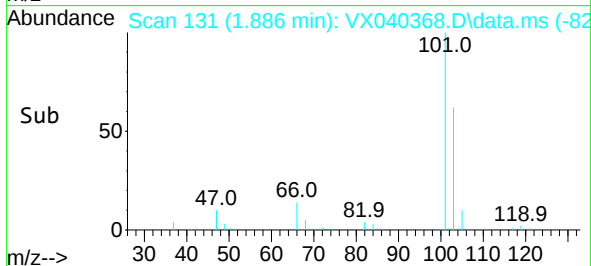
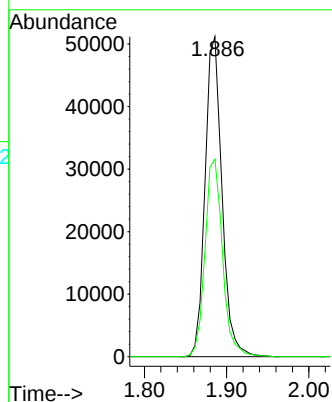
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Tgt Ion:101 Resp: 73230
Ion Ratio Lower Upper
101 100
103 61.7 51.4 77.2

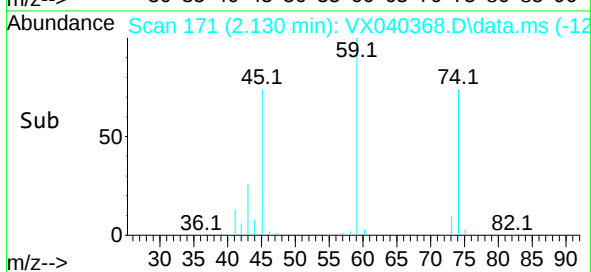
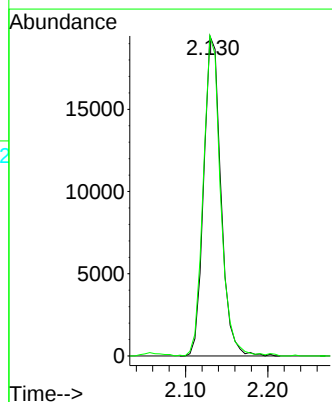
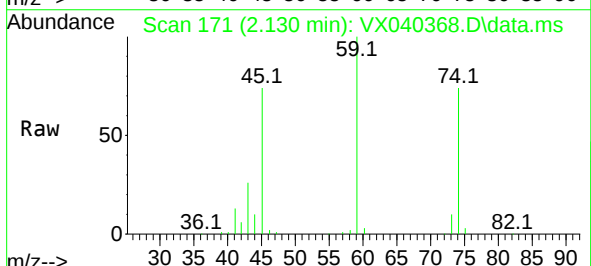
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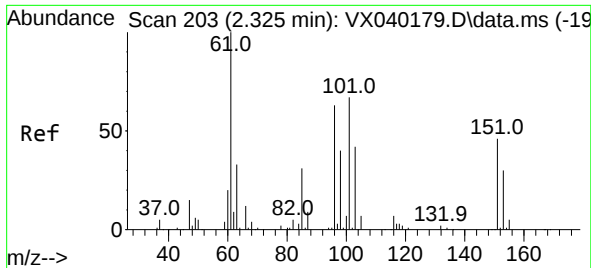
Reviewed By :John Carlone 02/21/2024
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#8
Diethyl Ether
Concen: 53.607 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion: 74 Resp: 28174
Ion Ratio Lower Upper
74 100
45 101.2 53.3 159.8





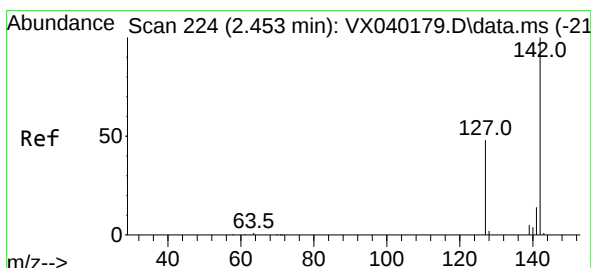
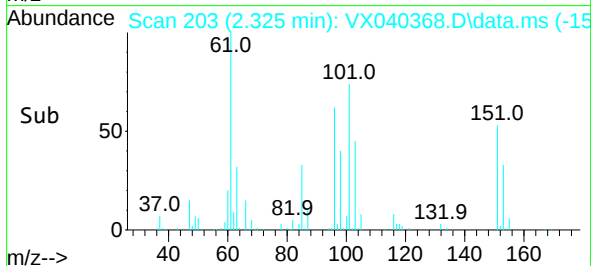
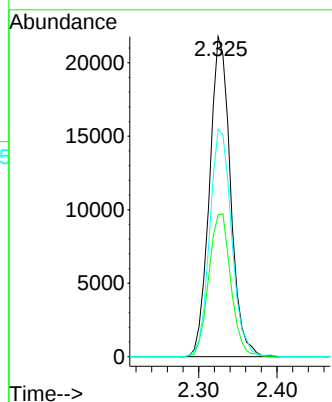
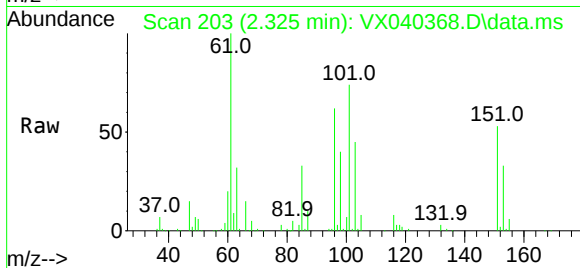
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.999 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 40529
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 74.7 58.6 87.8

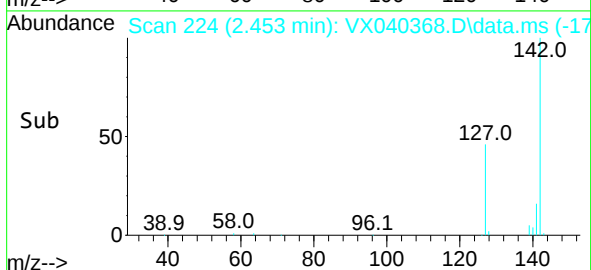
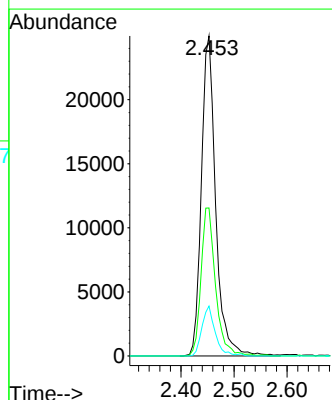
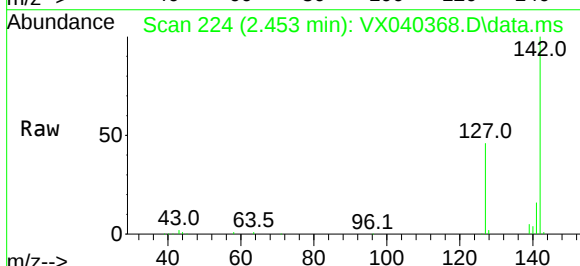
Manual Integrations
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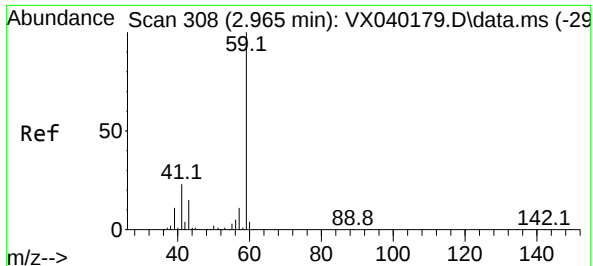
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 56.221 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion:142 Resp: 46842
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 309.449 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 6346

Ion Ratio Lower Upper

59 100

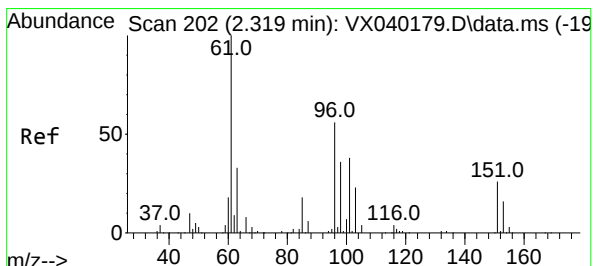
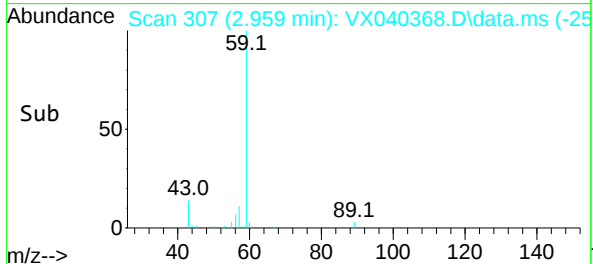
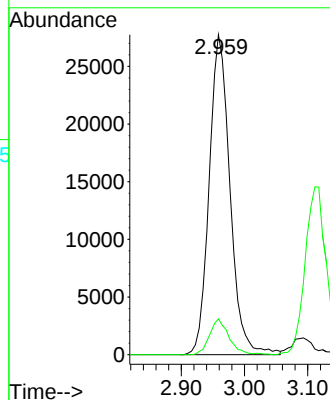
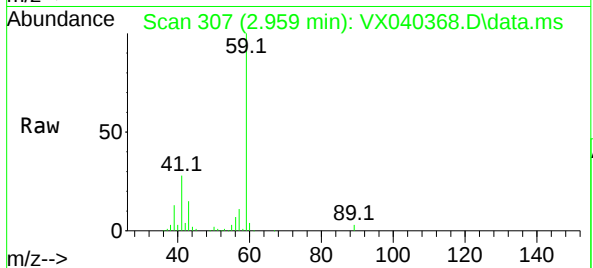
57 10.3 6.0 9.0

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Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#12

1,1-Dichloroethene

Concen: 54.358 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

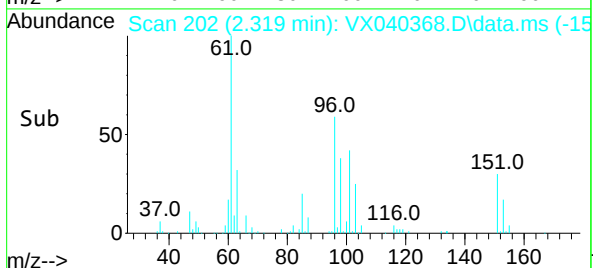
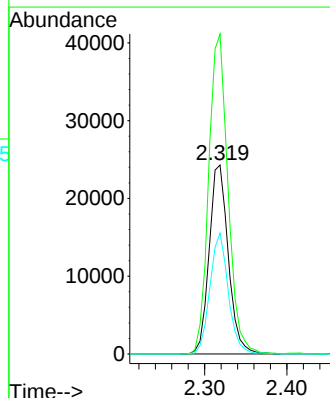
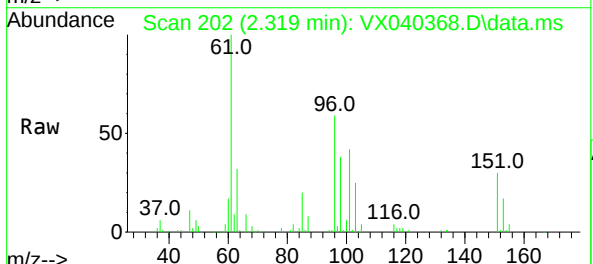
Tgt Ion: 96 Resp: 39278

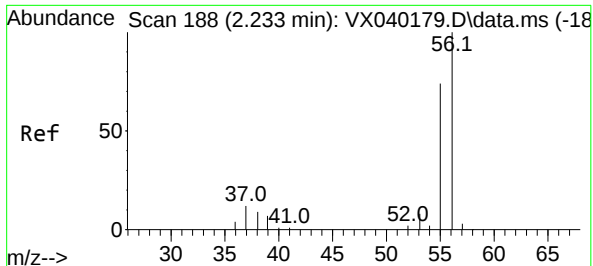
Ion Ratio Lower Upper

96 100

61 169.4 144.6 216.8

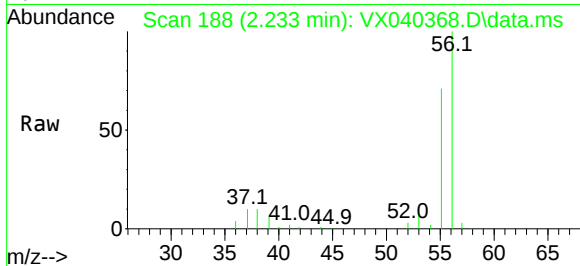
98 64.0 50.4 75.6





#13
Acrolein
Concen: 276.222 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

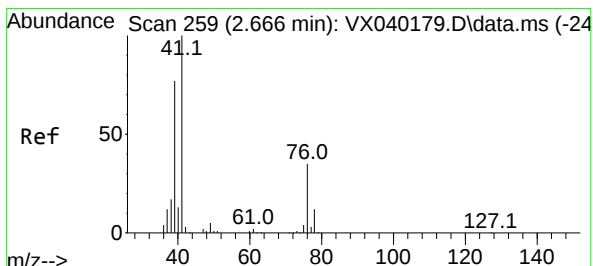
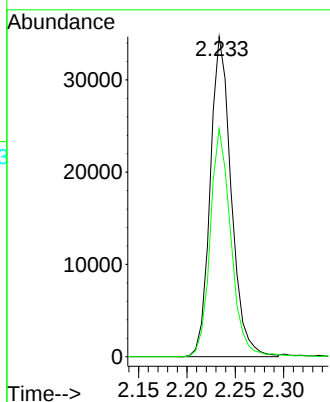
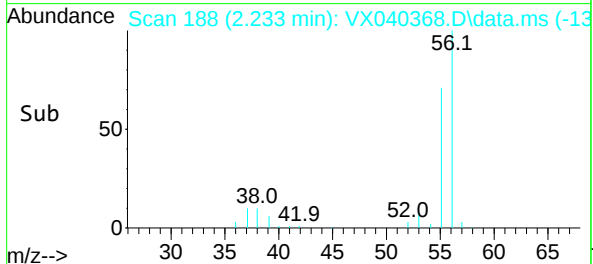
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



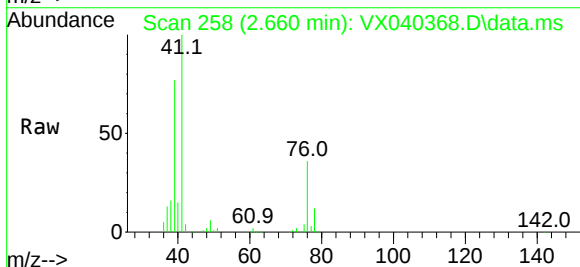
Tgt Ion: 56 Resp: 52289
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

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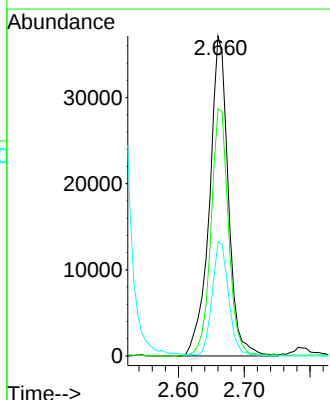
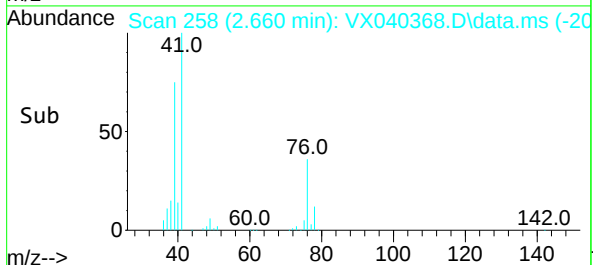
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

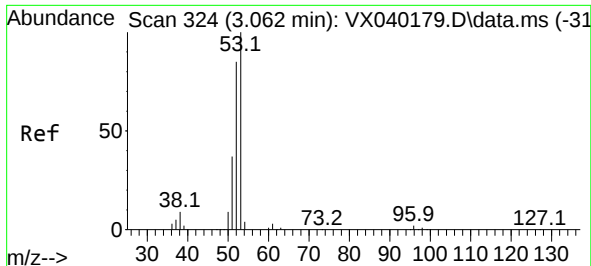


#14
Allyl chloride
Concen: 59.190 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



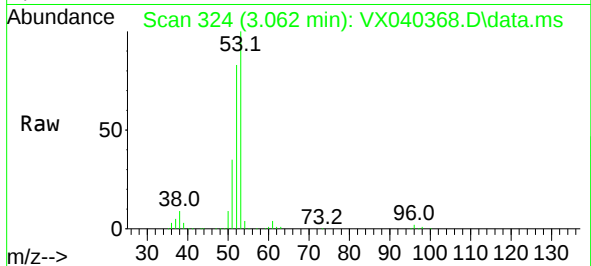
Tgt Ion: 41 Resp: 74221
Ion Ratio Lower Upper
41 100
39 71.9 55.8 83.6
76 31.5 24.3 36.5





#15
Acrylonitrile
Concen: 321.856 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

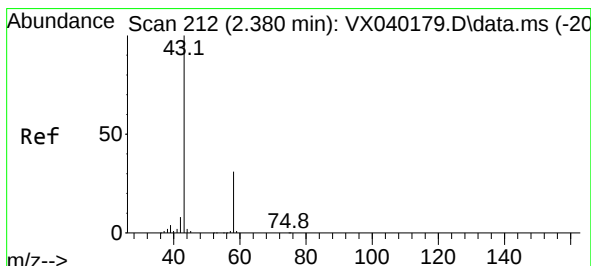
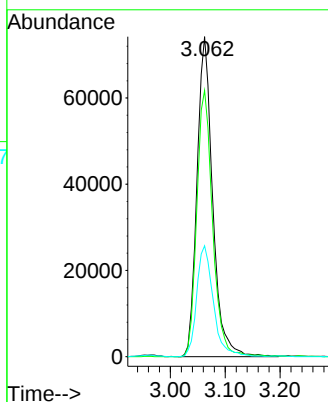
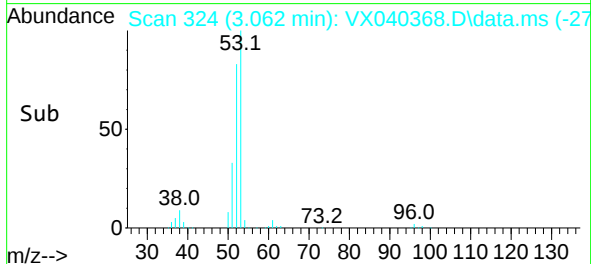
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



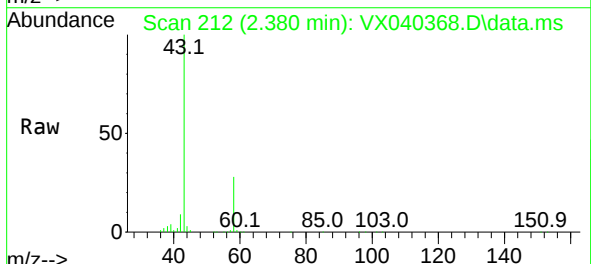
Tgt Ion: 53 Resp: 14769
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 36.8 29.8 44.6

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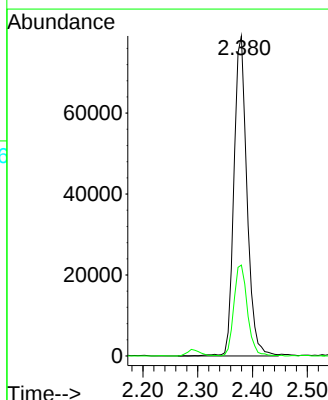
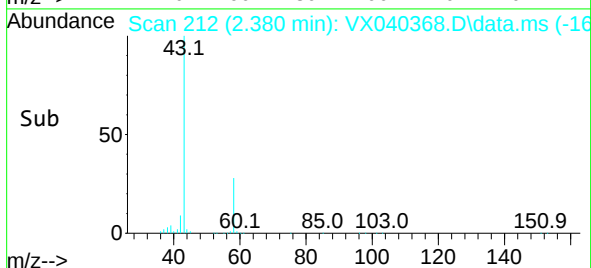
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

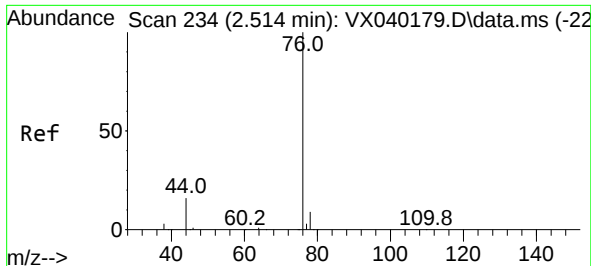


#16
Acetone
Concen: 300.929 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion: 43 Resp: 130133
Ion Ratio Lower Upper
43 100
58 28.4 21.9 32.9





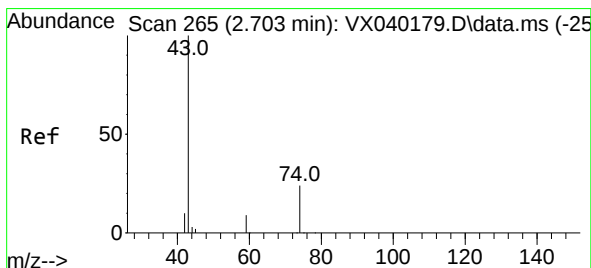
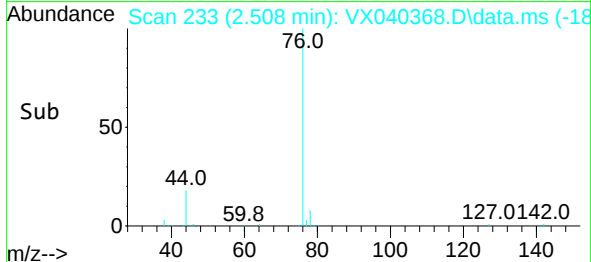
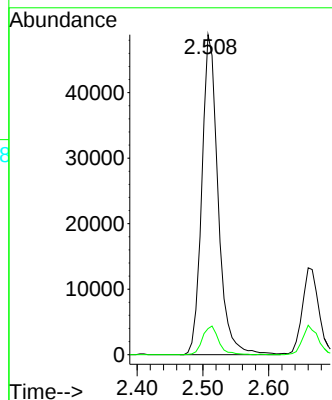
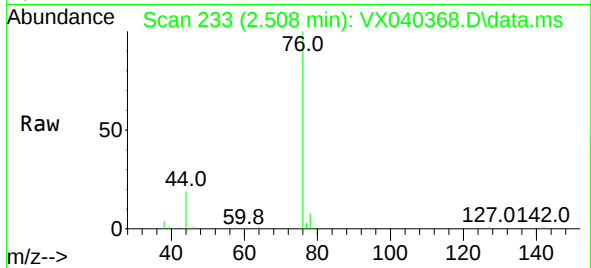
#17
Carbon Disulfide
Concen: 43.967 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 8387
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

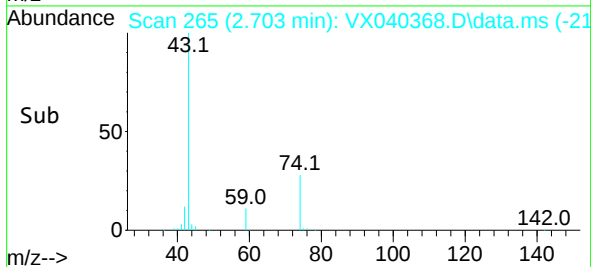
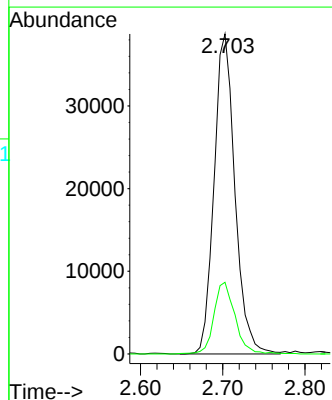
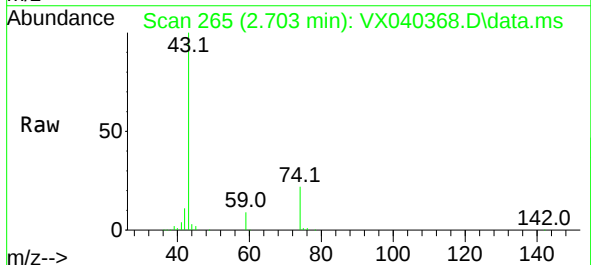
Manual Integrations
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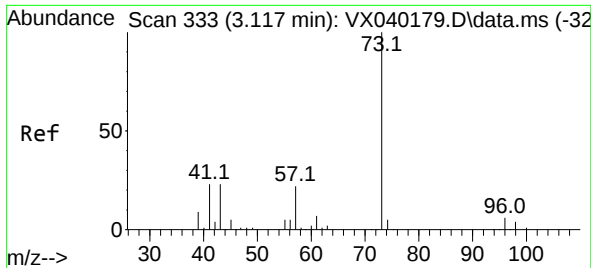
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#18
Methyl Acetate
Concen: 58.952 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion: 43 Resp: 68340
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8





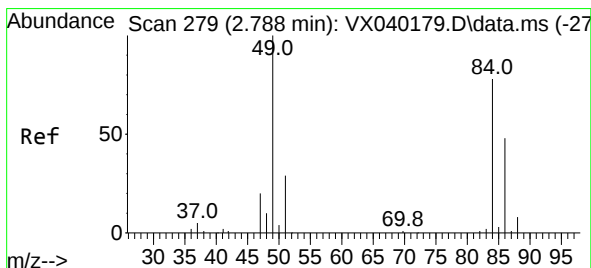
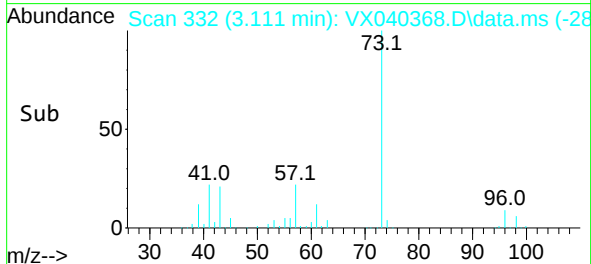
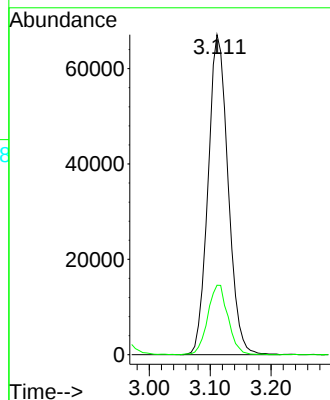
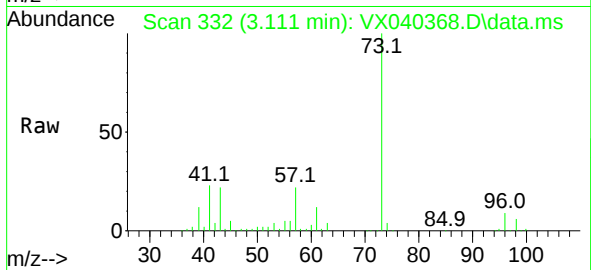
#19
Methyl tert-butyl Ether
Concen: 60.290 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 153470
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

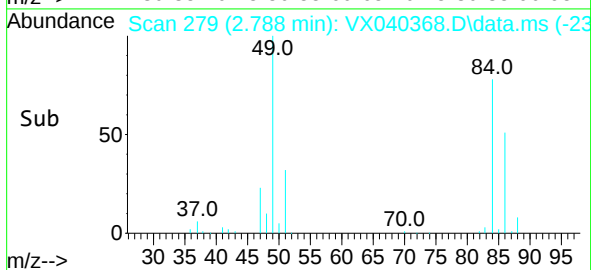
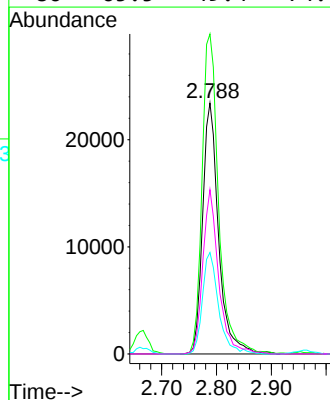
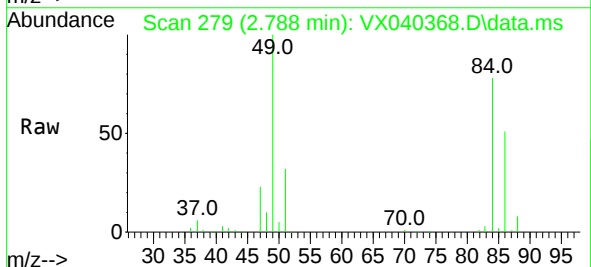
Manual Integrations
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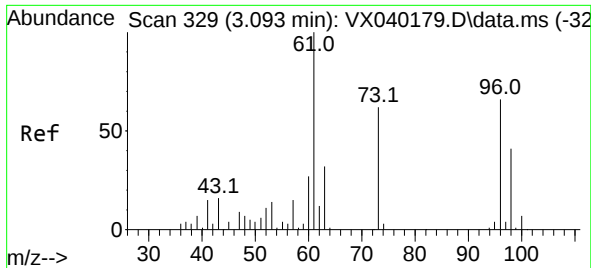
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 58.720 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

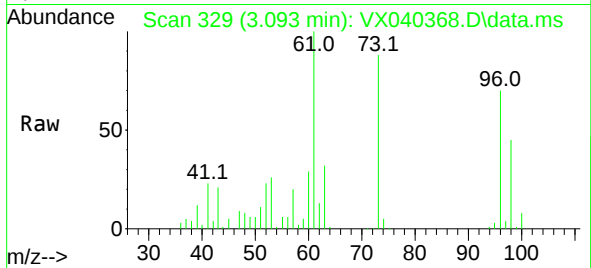
Tgt Ion: 84 Resp: 47378
Ion Ratio Lower Upper
84 100
49 127.5 103.6 155.4
51 40.4 33.8 50.6
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.633 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

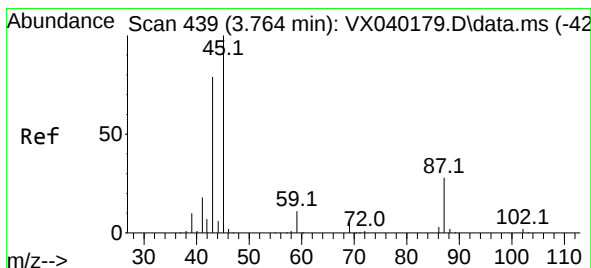
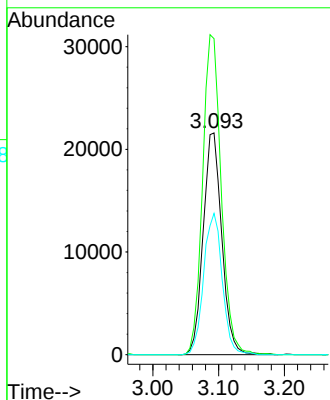
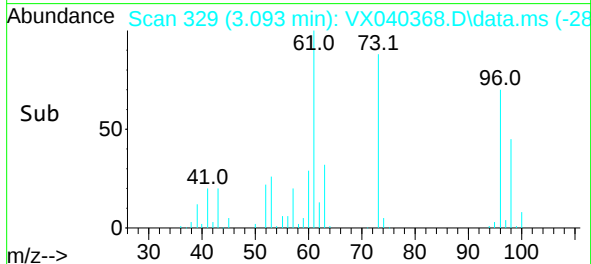
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



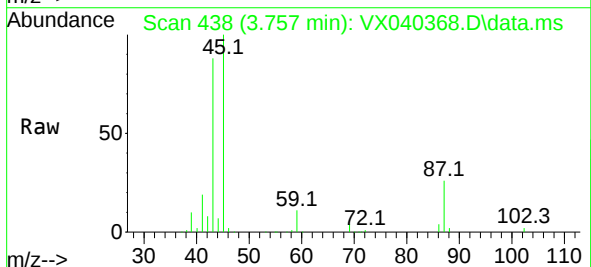
Tgt Ion: 96 Resp: 4249
Ion Ratio Lower Upper
96 100
61 142.5 119.2 178.8
98 63.7 48.7 73.1

Manual Integrations
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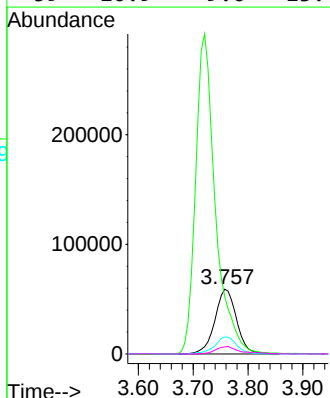
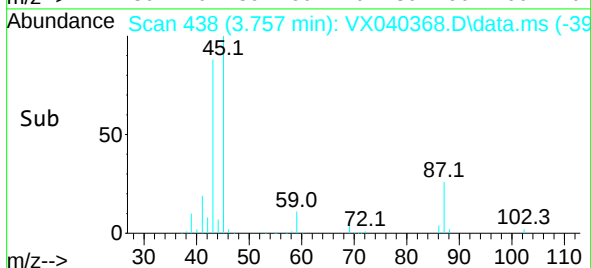
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

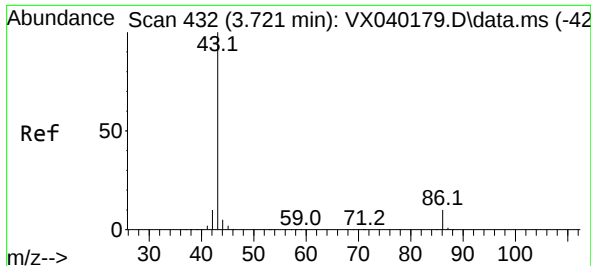


#22
Diisopropyl ether
Concen: 63.696 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



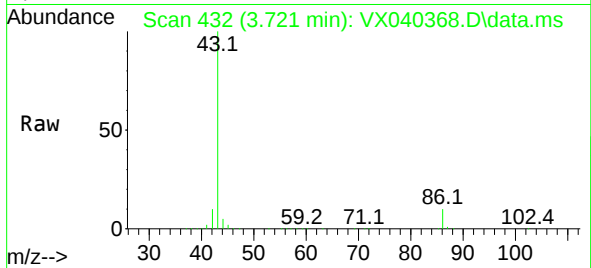
Tgt Ion: 45 Resp: 161985
Ion Ratio Lower Upper
45 100
43 87.9 69.7 104.5
87 26.3 20.8 31.2
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 323.449 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040368.D
 Acq: 20 Feb 2024 19:36

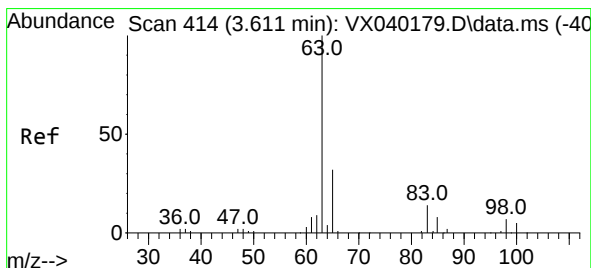
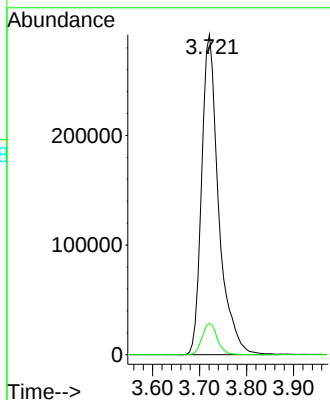
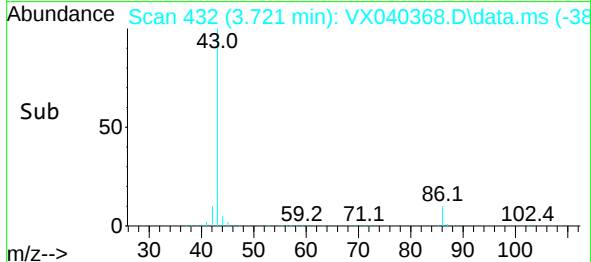
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



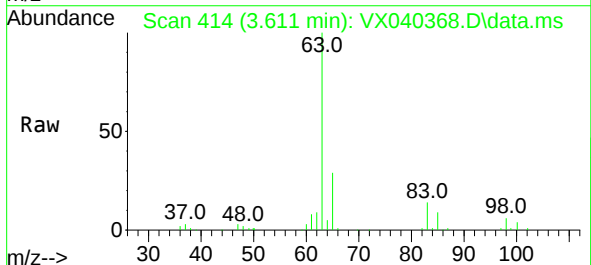
Tgt Ion: 43 Resp: 733279
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

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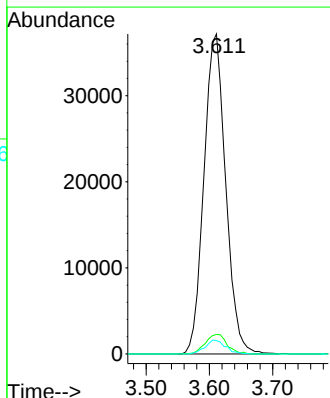
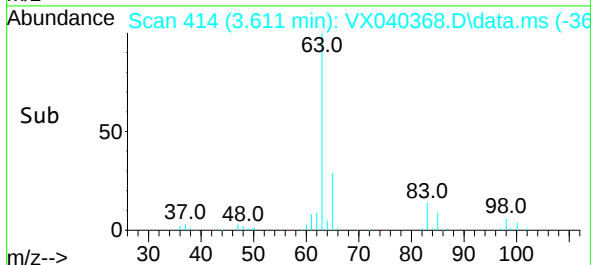
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

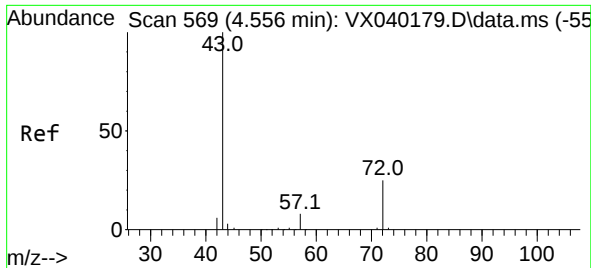


#24
 1,1-Dichloroethane
 Concen: 60.024 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040368.D
 Acq: 20 Feb 2024 19:36



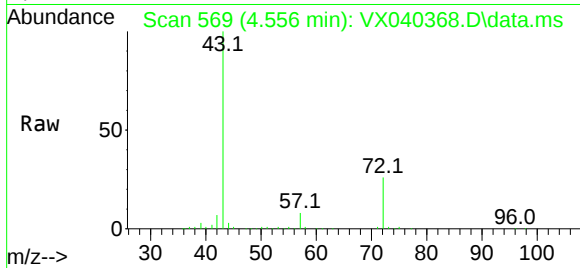
Tgt Ion: 63 Resp: 88918
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 308.328 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

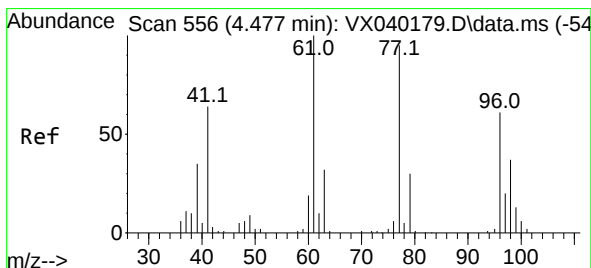
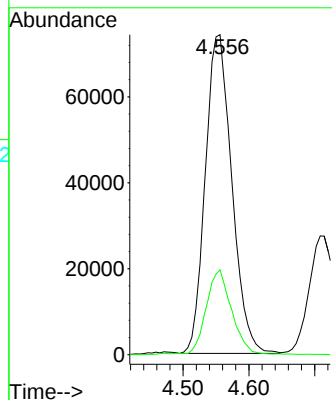
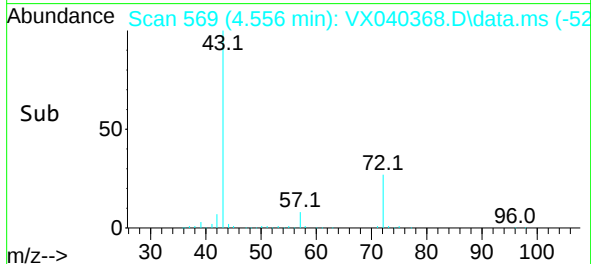
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



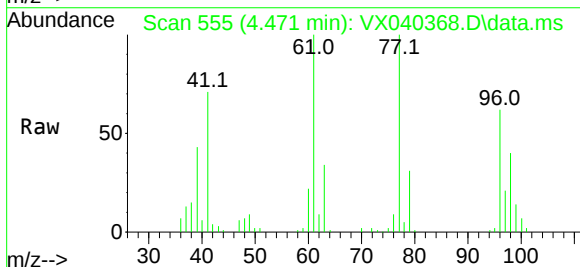
Tgt Ion: 43 Resp: 20841
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

Manual Integrations
APPROVED

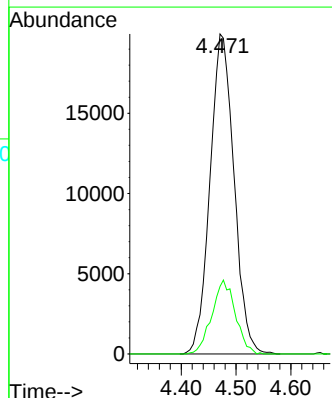
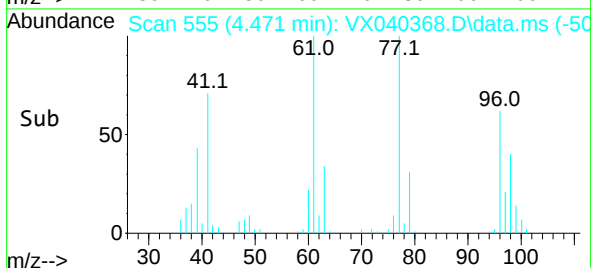
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

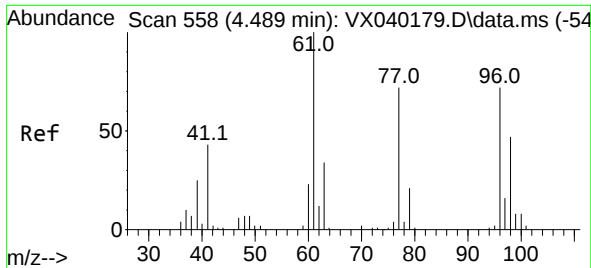


#26
2,2-Dichloropropane
Concen: 53.219 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion: 77 Resp: 60688
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.053 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 5262

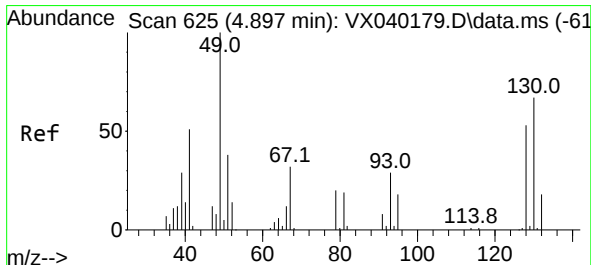
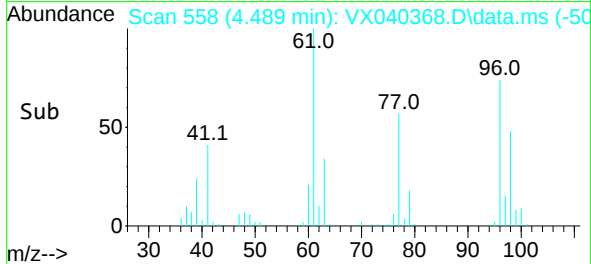
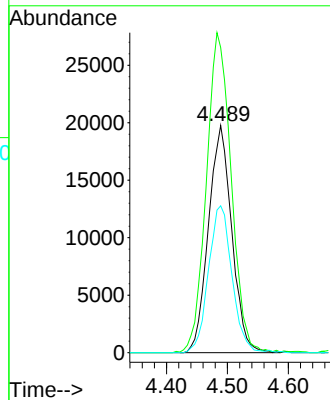
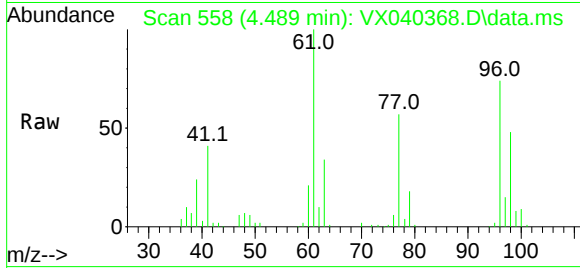
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	312.2
98	65.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#28

Bromochloromethane

Concen: 61.405 ug/l

RT: 4.897 min Scan# 625

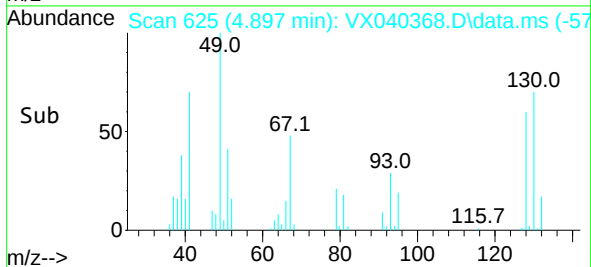
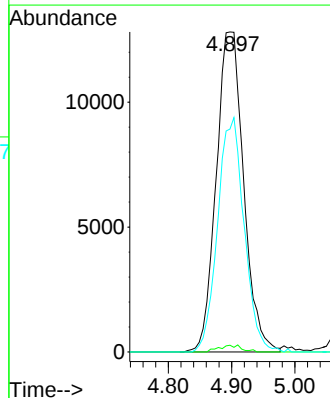
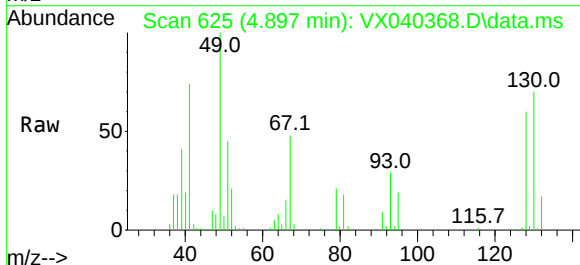
Delta R.T. 0.000 min

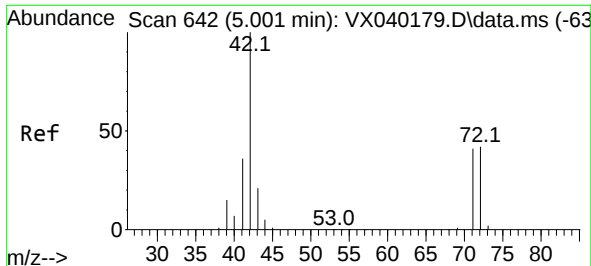
Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion: 49 Resp: 38620

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	70.6	57.5	86.3





#29

Tetrahydrofuran

Concen: 315.945 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040368.D

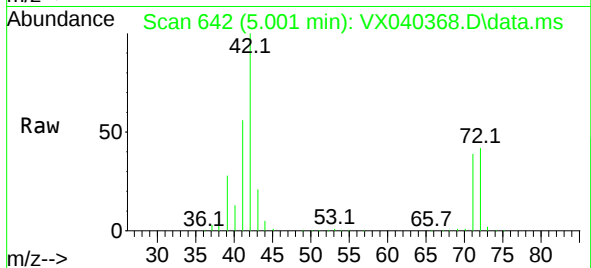
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 13913

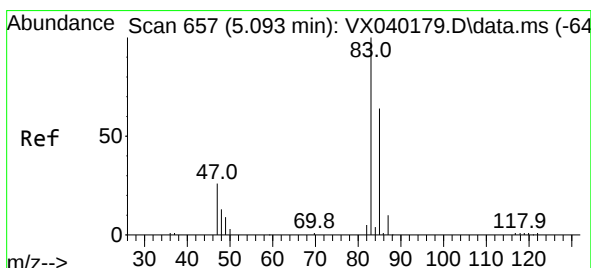
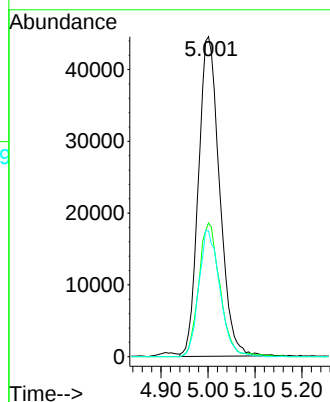
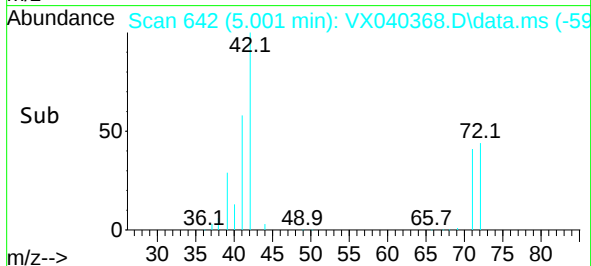
Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.4
71	39.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#30

Chloroform

Concen: 58.973 ug/l

RT: 5.093 min Scan# 657

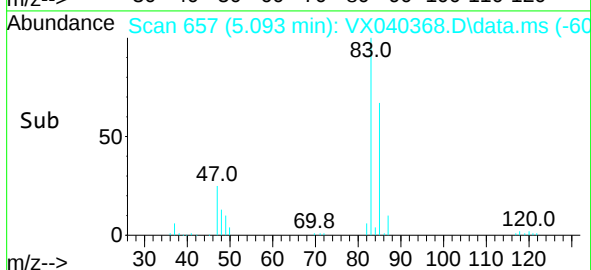
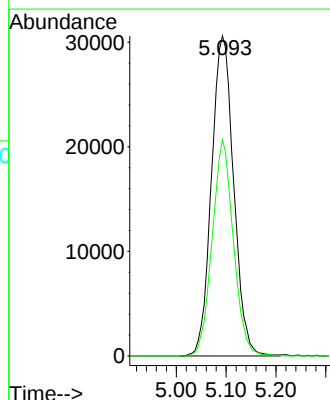
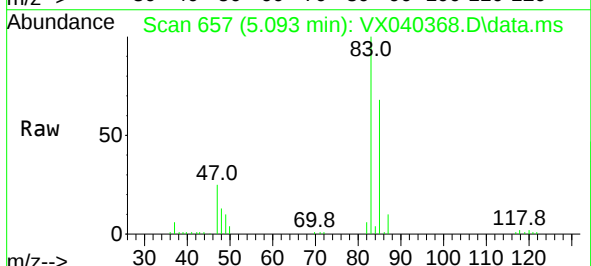
Delta R.T. -0.006 min

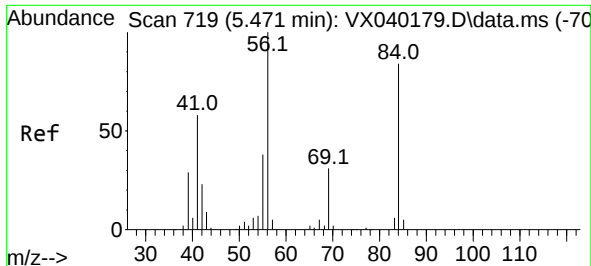
Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion: 83 Resp: 94453

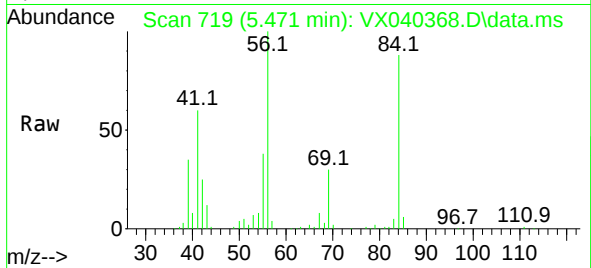
Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.3	75.5





#31
Cyclohexane
Concen: 50.753 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

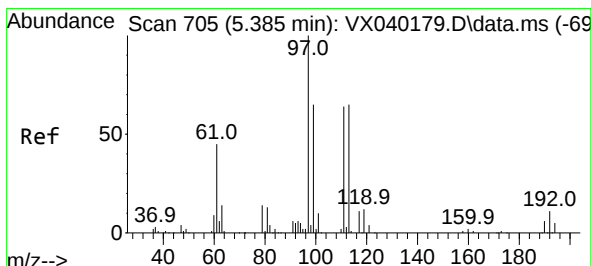
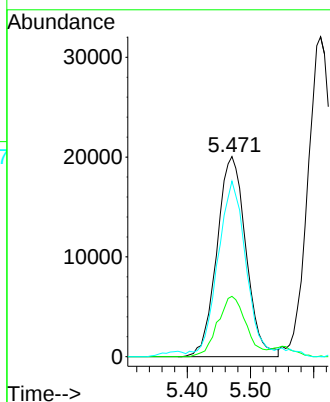
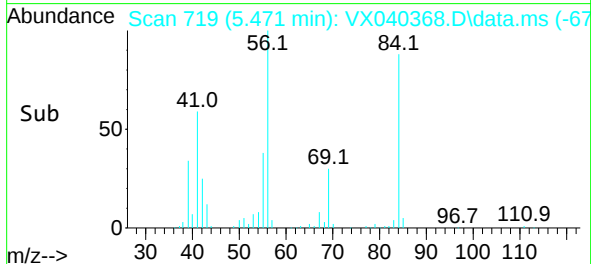
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



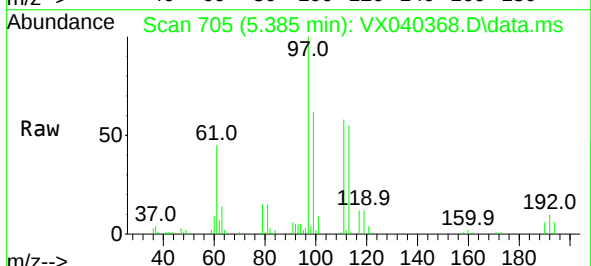
Tgt Ion: 56 Resp: 63740
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 85.0 65.9 98.9

Manual Integrations
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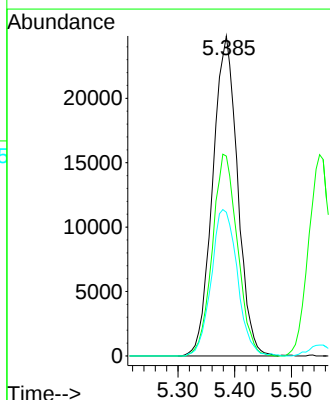
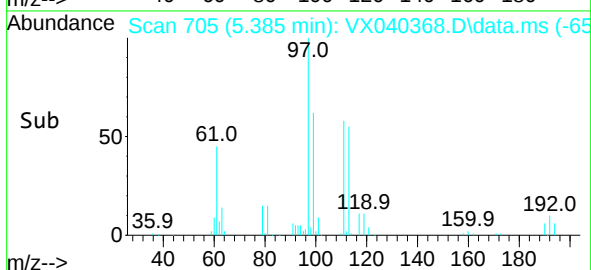
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

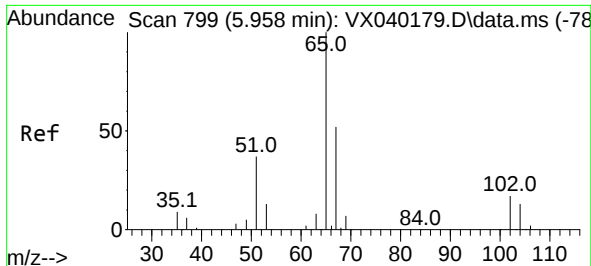


#32
1,1,1-Trichloroethane
Concen: 56.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion: 97 Resp: 75704
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.229 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5604

Ion Ratio Lower Upper

65 100

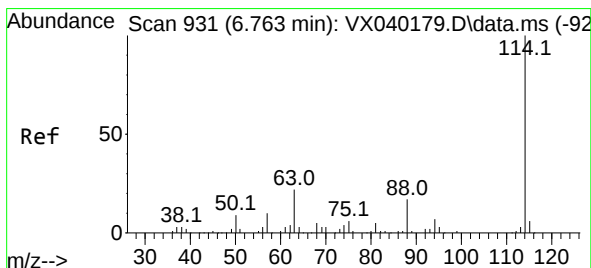
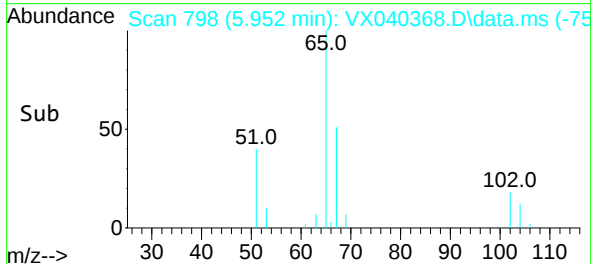
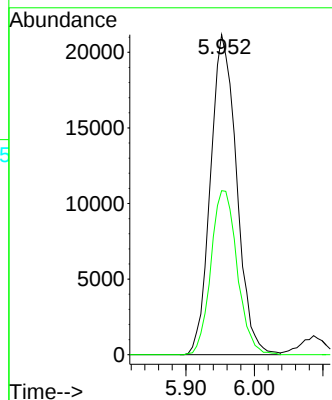
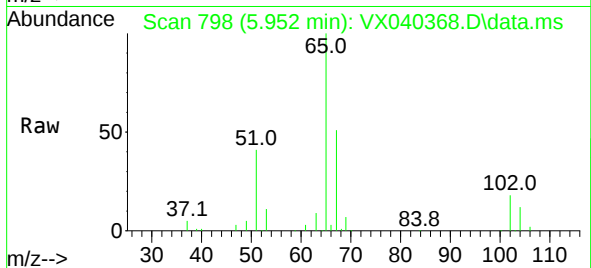
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

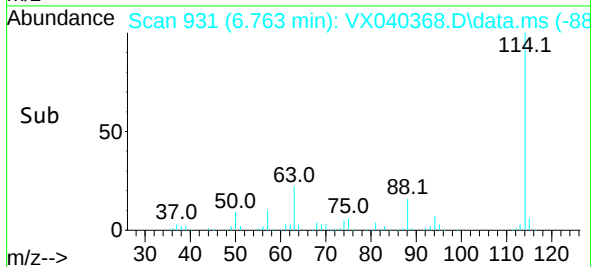
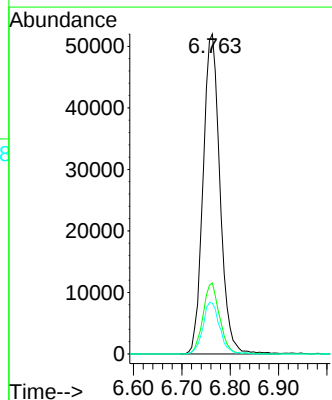
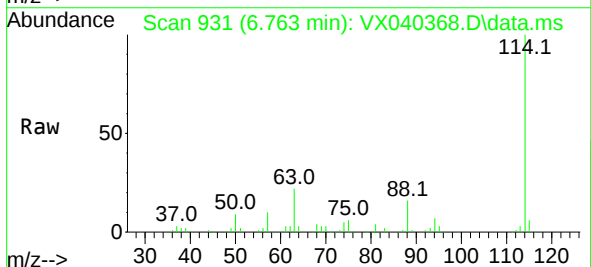
Tgt Ion:114 Resp: 126338

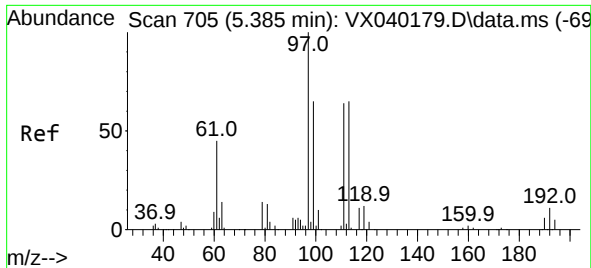
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

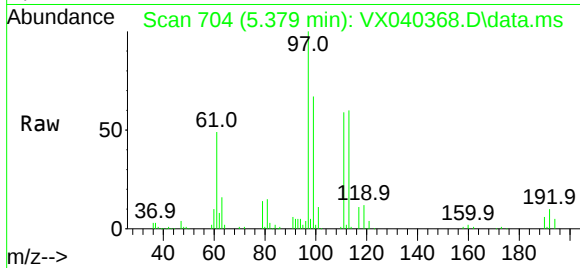
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.634 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

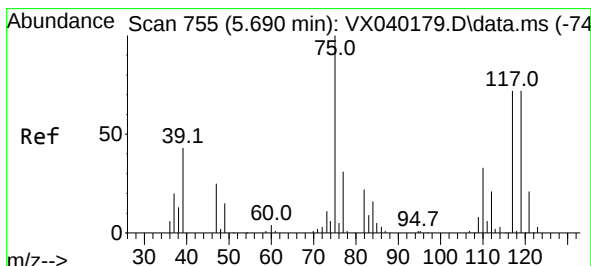
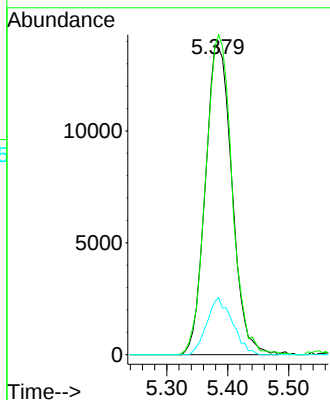
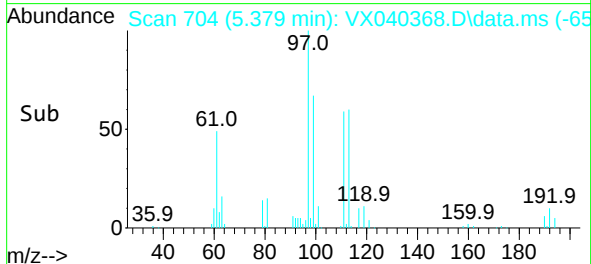
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 42020
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.8 13.3 19.9

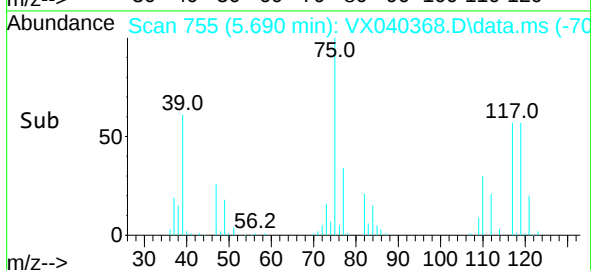
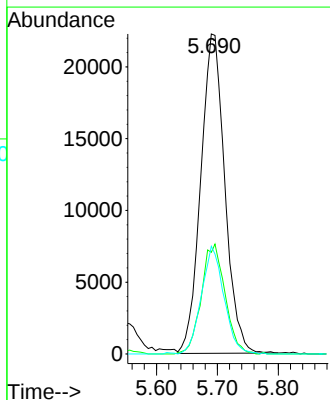
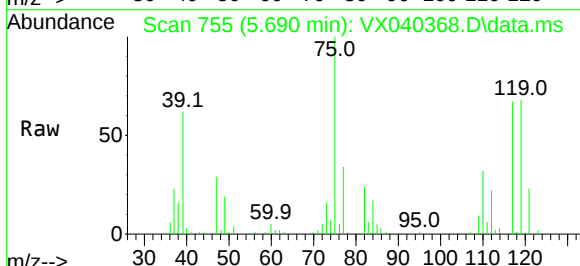
Manual Integrations
APPROVED

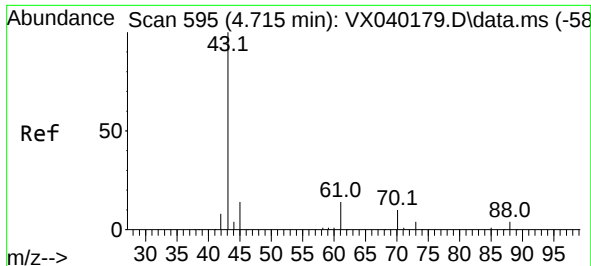
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#36
1,1-Dichloropropene
Concen: 49.429 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

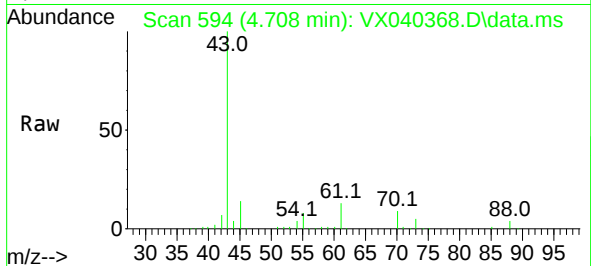
Tgt Ion: 75 Resp: 61091
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.7 24.7 37.1





#37
Ethyl Acetate
Concen: 57.872 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

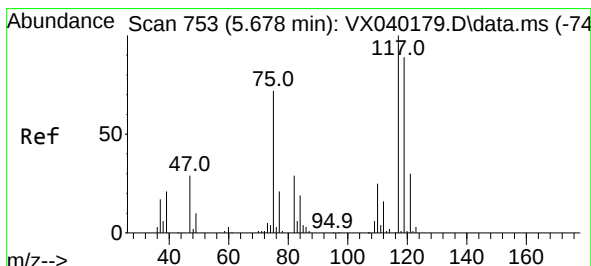
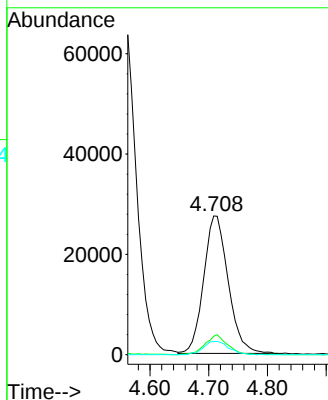
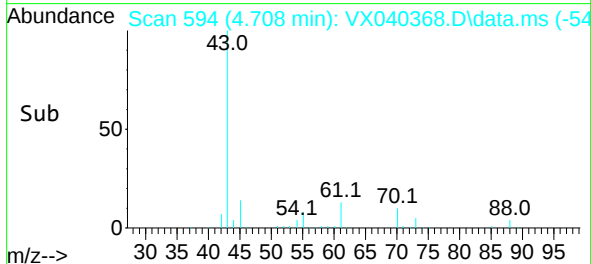
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 79580
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 9.9 8.3 12.5

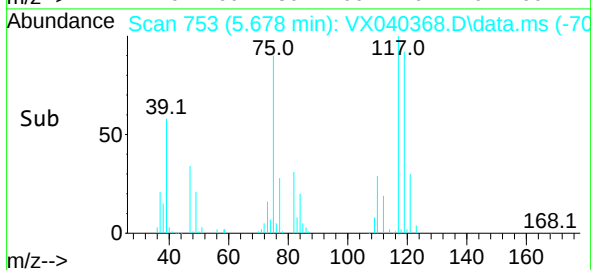
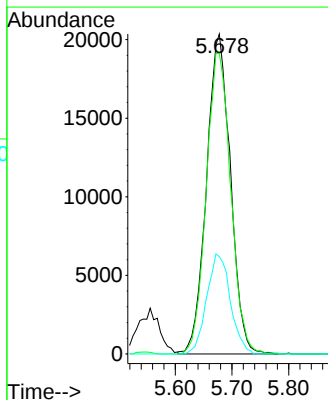
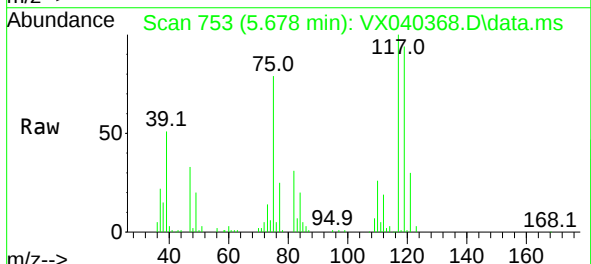
Manual Integrations
APPROVED

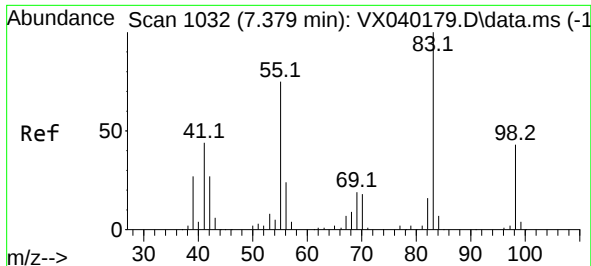
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#38
Carbon Tetrachloride
Concen: 50.763 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion:117 Resp: 59652
Ion Ratio Lower Upper
117 100
119 93.9 78.2 117.2
121 30.4 24.4 36.6





#39
Methylcyclohexane
Concen: 46.301 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

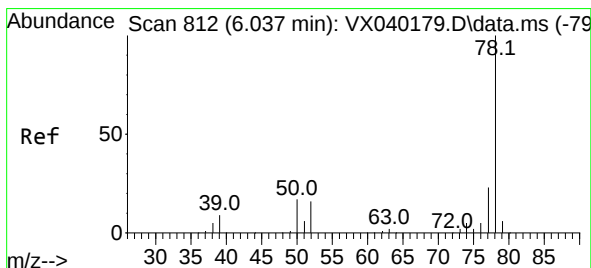
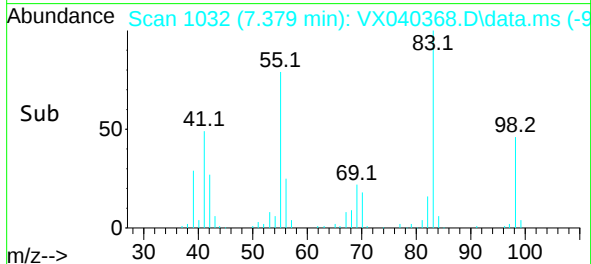
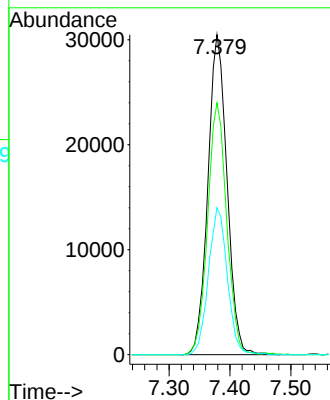
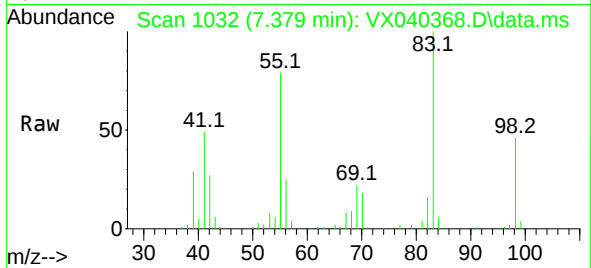
Tgt Ion: 83 Resp: 6650
Ion Ratio Lower Upper
83 100
55 78.7 64.6 97.0
98 45.9 36.7 55.1

Manual Integrations

APPROVED

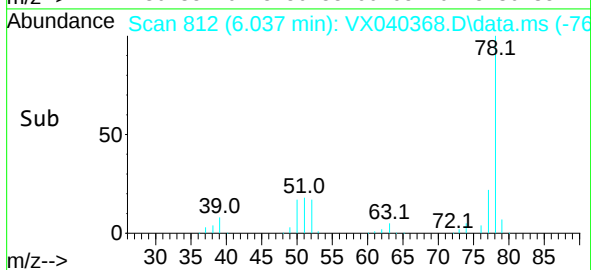
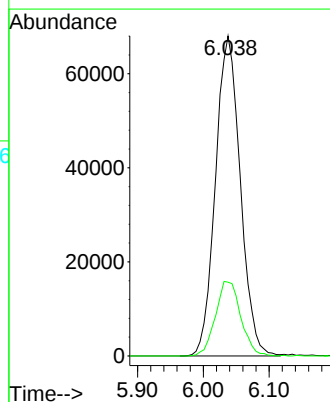
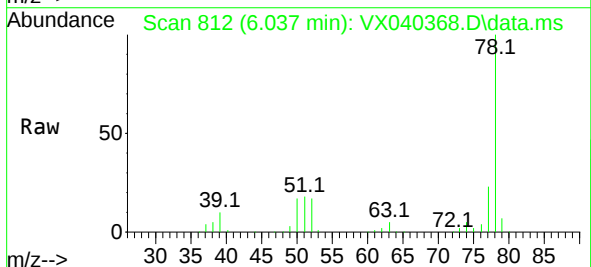
Reviewed By :John Carlone 02/21/2024

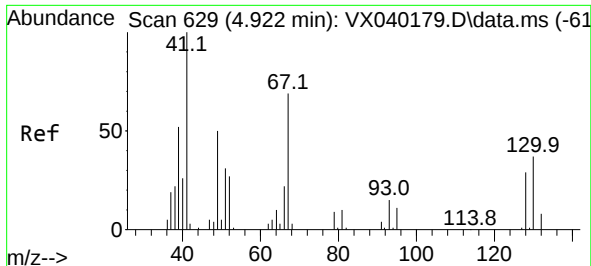
Supervised By :Mahesh Dadoda 02/21/2024



#40
Benzene
Concen: 51.778 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion: 78 Resp: 178953
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 61.854 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

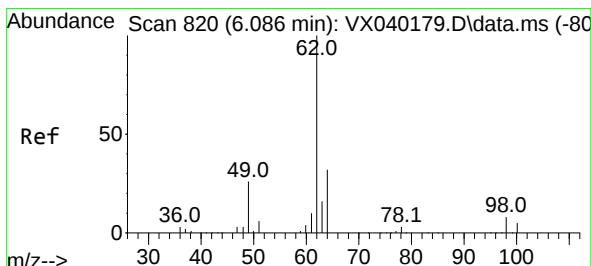
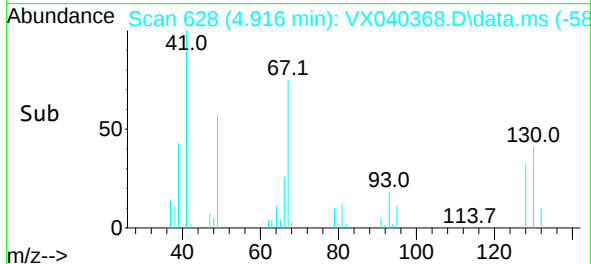
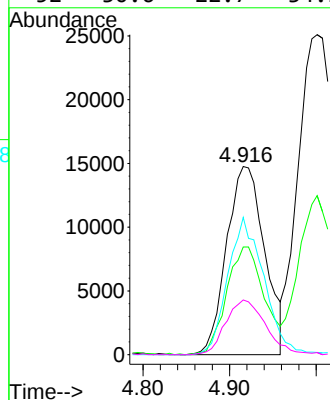
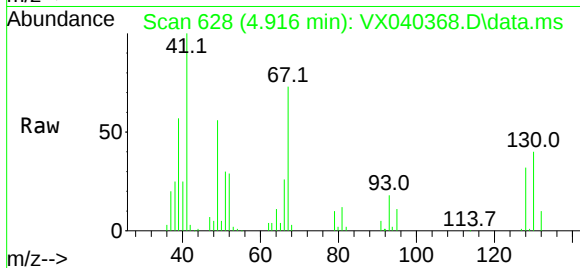
Tgt Ion: 41 Resp: 4509
Ion Ratio Lower Upper
41 100
39 56.7 45.2 67.8
67 69.6 52.6 78.8
52 30.6 22.7 34.1

Manual Integrations

APPROVED

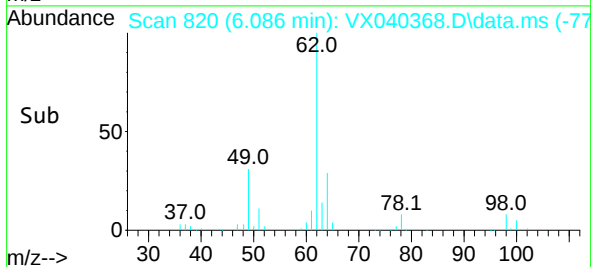
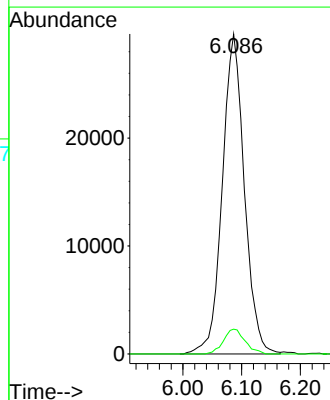
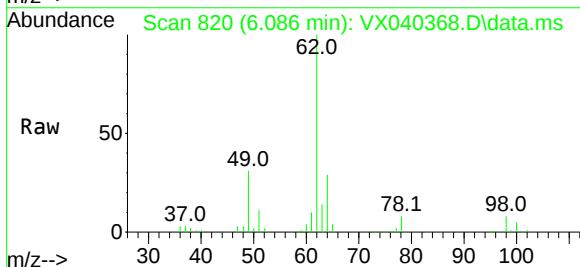
Reviewed By :John Carlone 02/21/2024

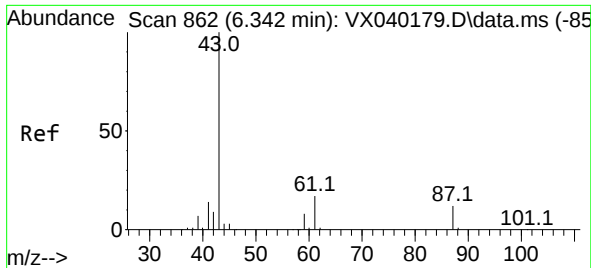
Supervised By :Mahesh Dadoda 02/21/2024



#42
1,2-Dichloroethane
Concen: 57.216 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

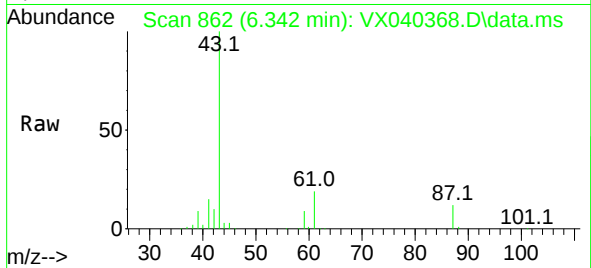
Tgt Ion: 62 Resp: 77295
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 59.431 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

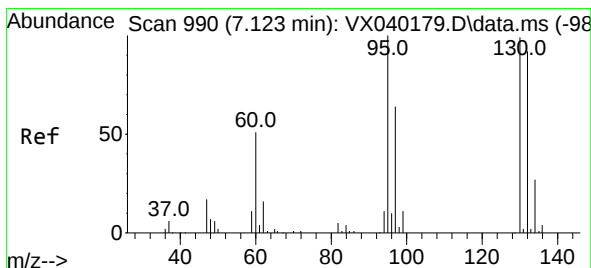
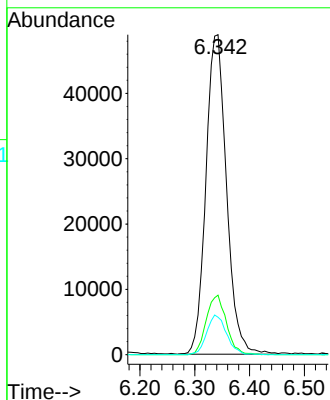
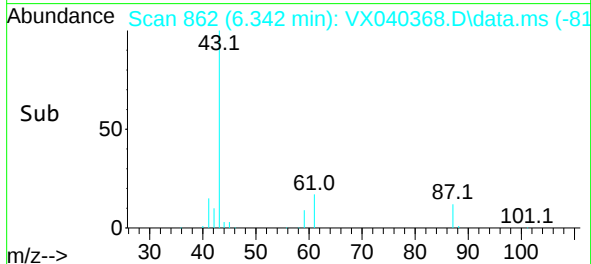
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



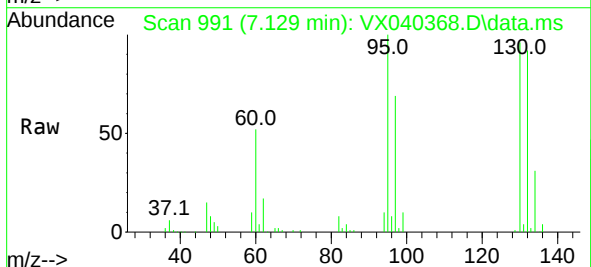
Tgt Ion: 43 Resp: 127584
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

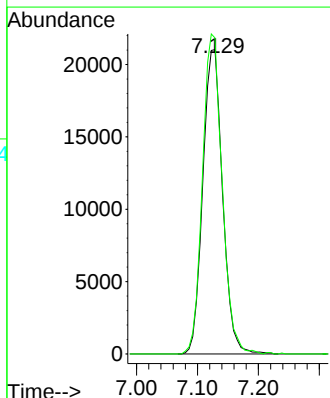
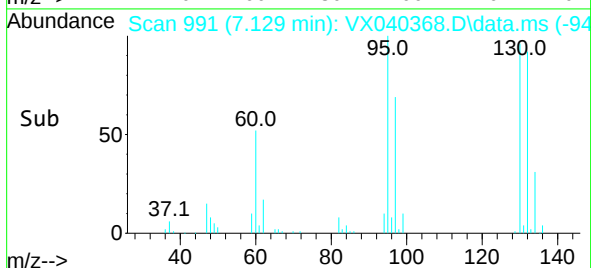
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

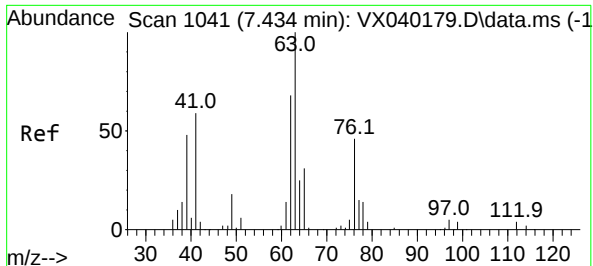


#44
Trichloroethene
Concen: 49.778 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion:130 Resp: 47456
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.618 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5093

Ion Ratio Lower Upper

63 100

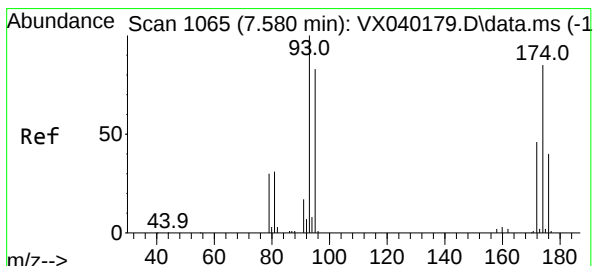
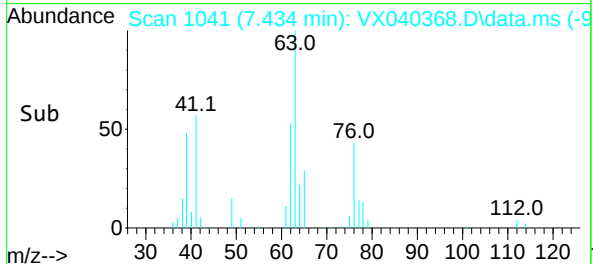
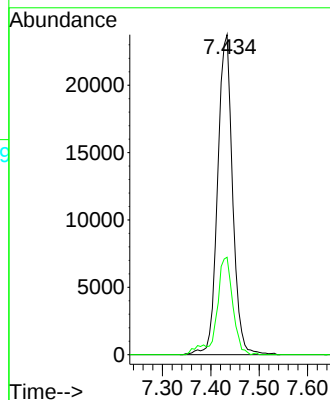
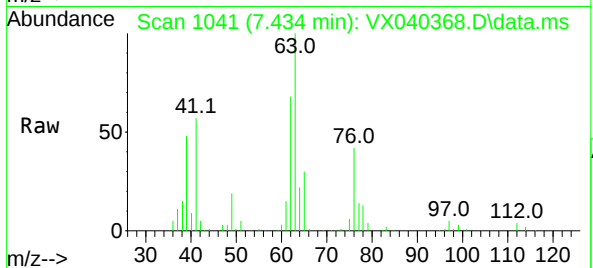
65 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 55.282 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

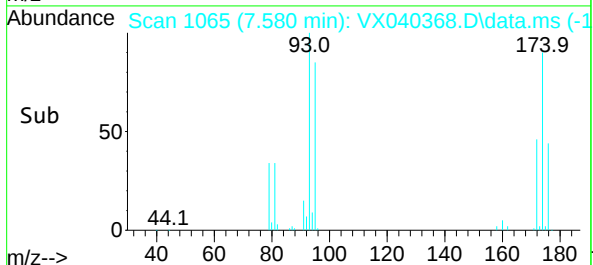
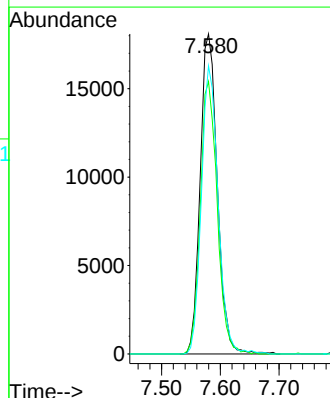
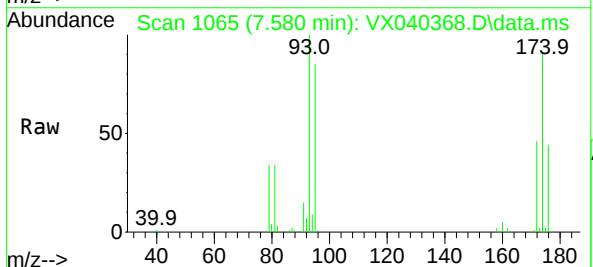
Tgt Ion: 93 Resp: 36626

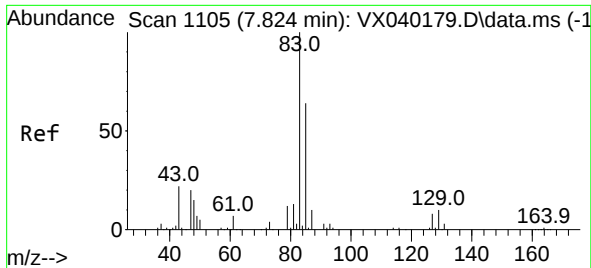
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 88.1 69.4 104.0





#47
Bromodichloromethane
Concen: 55.659 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

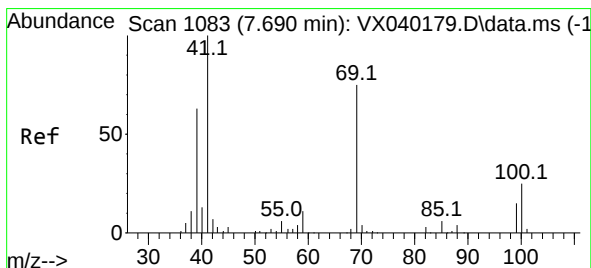
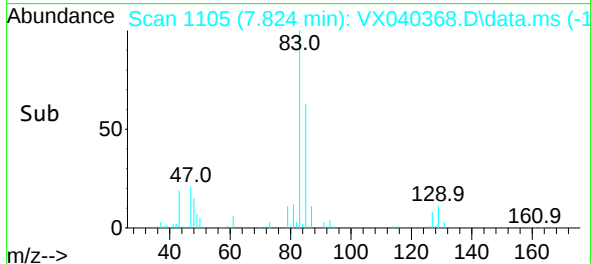
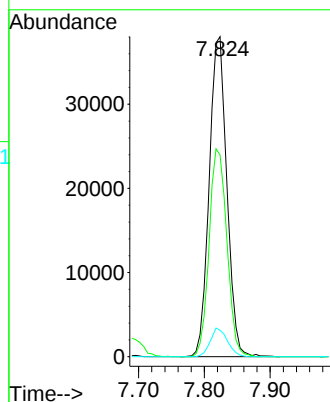
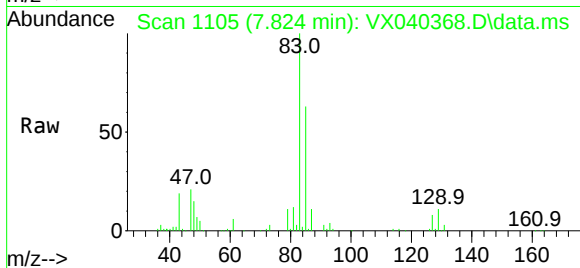
Tgt Ion: 83 Resp: 71054
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 8.2 7.1 10.7

Manual Integrations

APPROVED

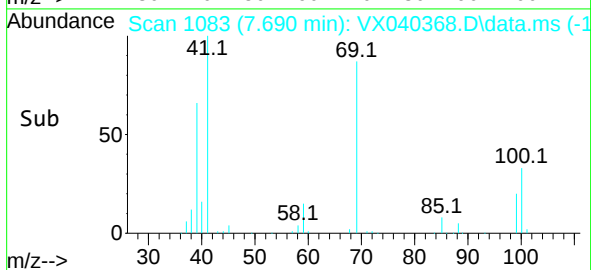
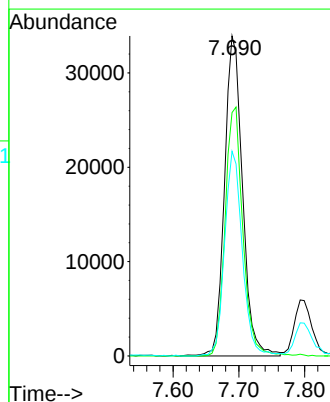
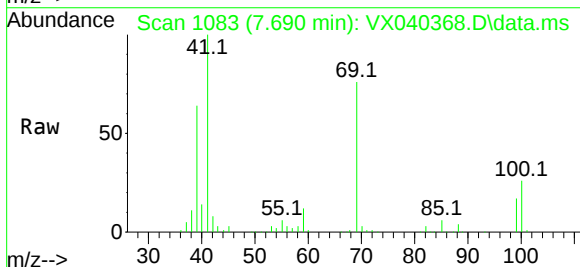
Reviewed By :John Carlone 02/21/2024

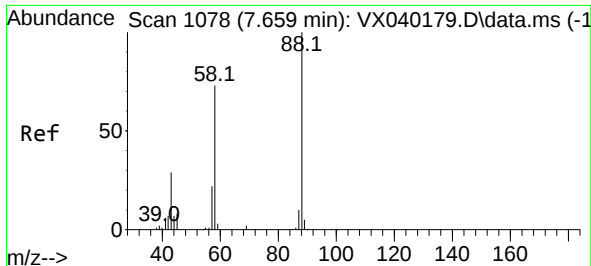
Supervised By :Mahesh Dadoda 02/21/2024



#48
Methyl methacrylate
Concen: 58.710 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion: 41 Resp: 64491
Ion Ratio Lower Upper
41 100
69 76.4 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1066.636 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX040368.D

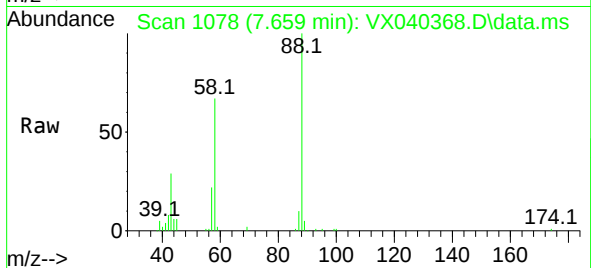
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 25489

Ion Ratio Lower Upper

88 100

43 36.3 0.0 0.0

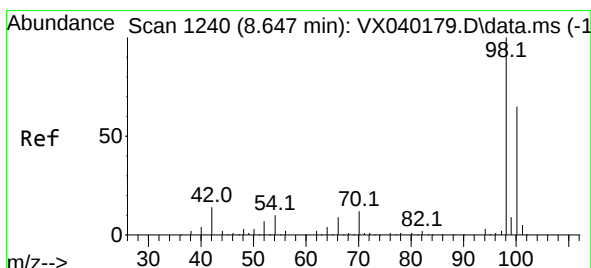
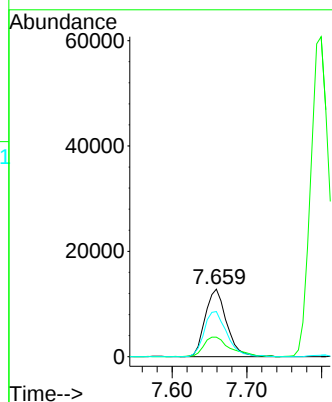
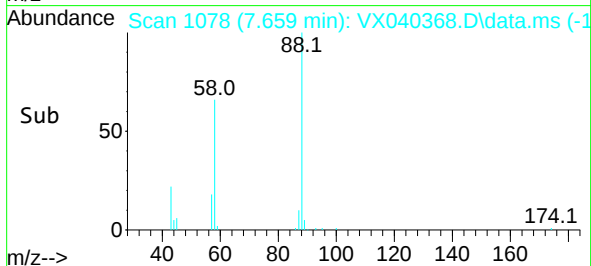
58 71.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#50

Toluene-d8

Concen: 44.806 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040368.D

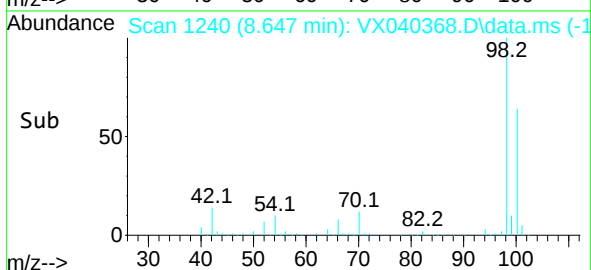
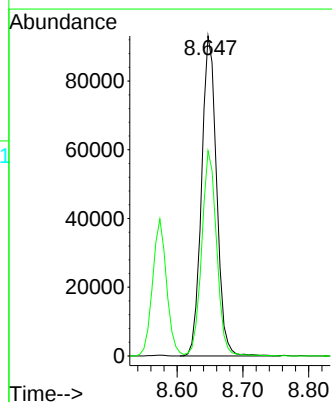
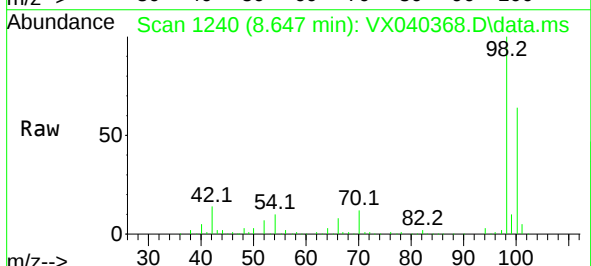
Acq: 20 Feb 2024 19:36

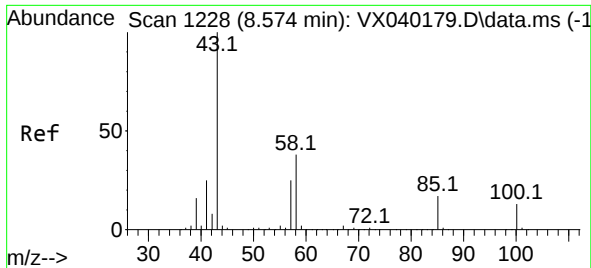
Tgt Ion: 98 Resp: 147874

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7





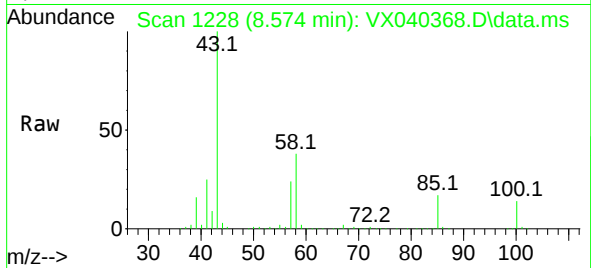
#51
4-Methyl-2-Pentanone
Concen: 301.700 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



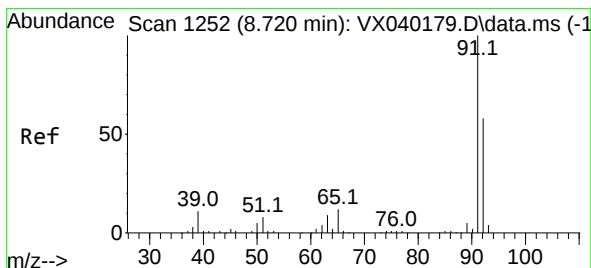
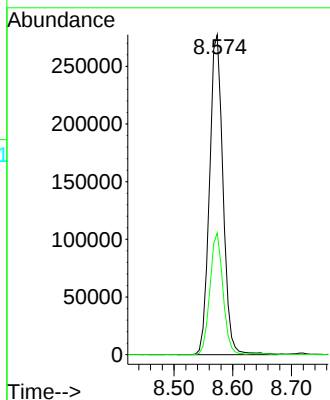
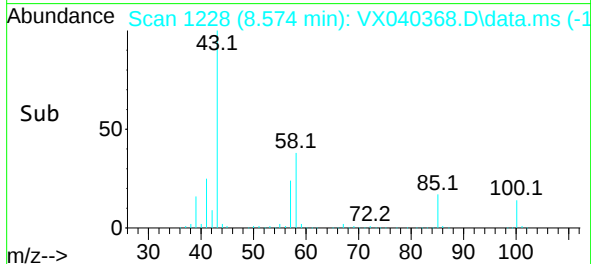
Tgt Ion: 43 Resp: 44219
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

Manual Integrations

APPROVED

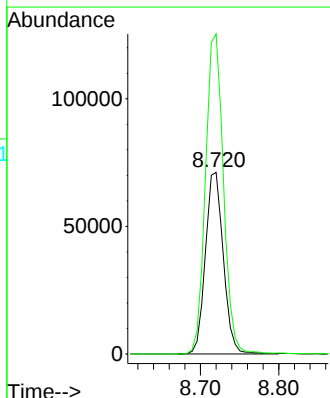
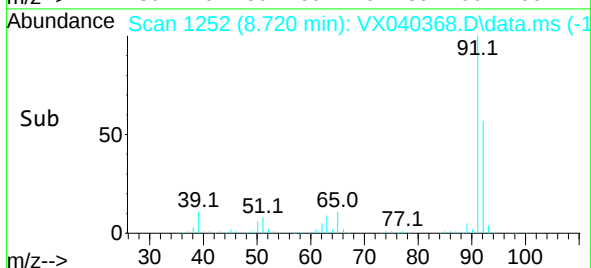
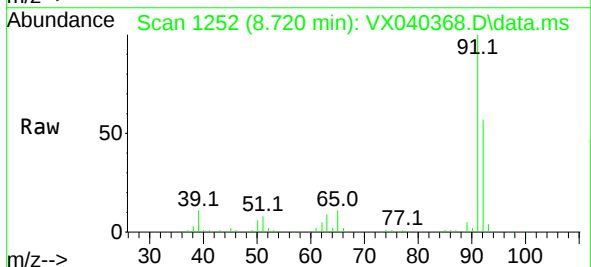
Reviewed By :John Carlone 02/21/2024

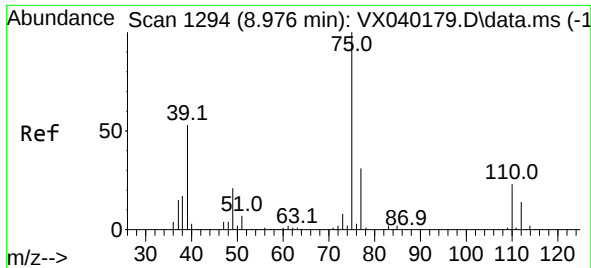
Supervised By :Mahesh Dadoda 02/21/2024



#52
Toluene
Concen: 49.835 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion: 92 Resp: 112819
Ion Ratio Lower Upper
92 100
91 176.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.907 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7269

Ion Ratio Lower Upper

75 100

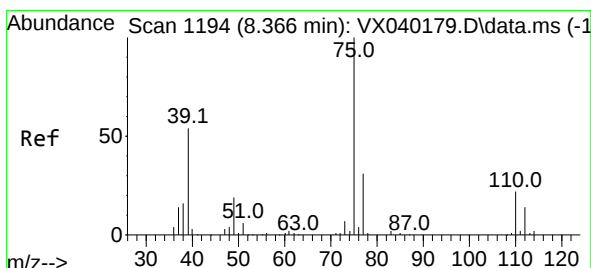
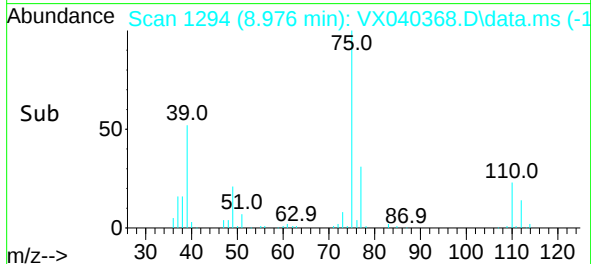
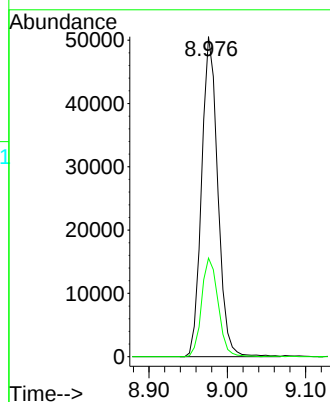
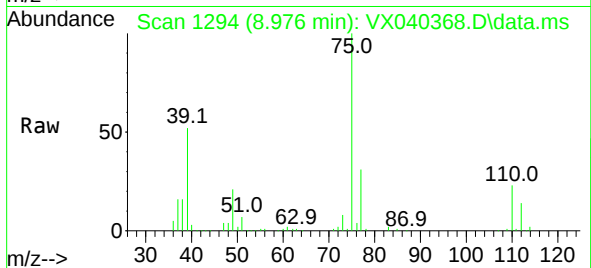
77 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#54

cis-1,3-Dichloropropene

Concen: 53.943 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

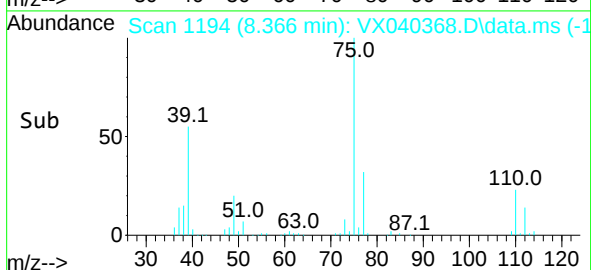
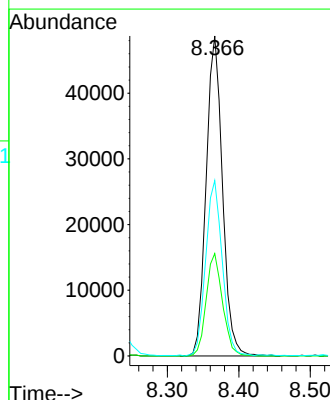
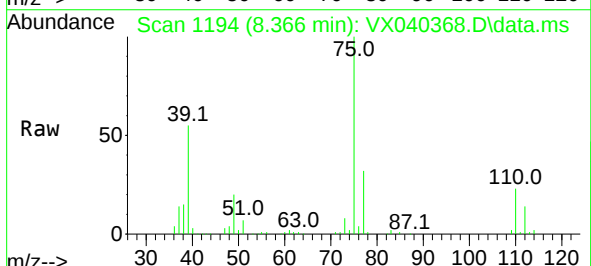
Tgt Ion: 75 Resp: 77176

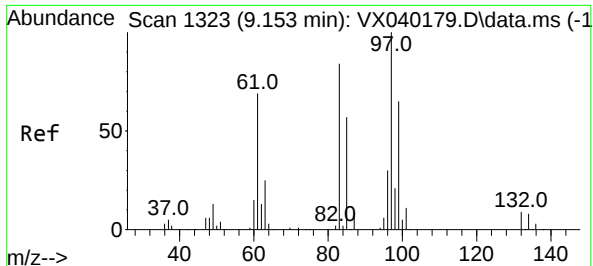
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 54.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 54.090 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

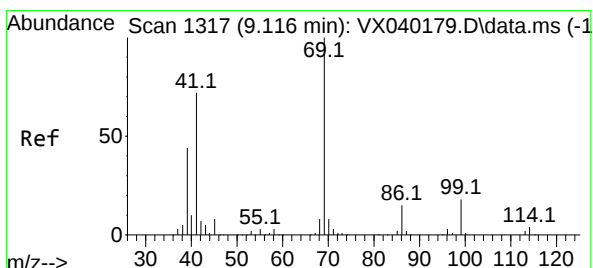
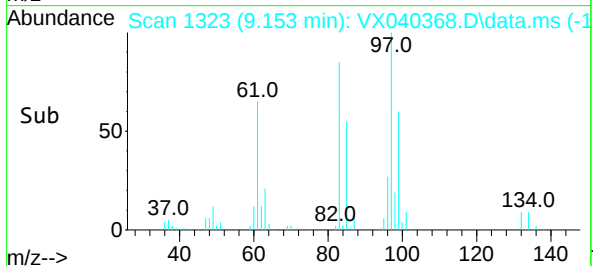
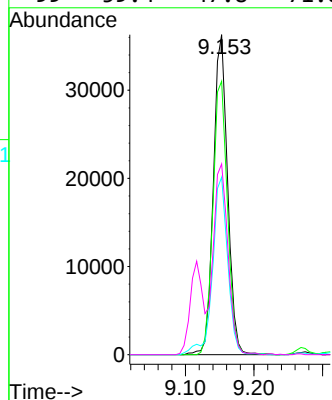
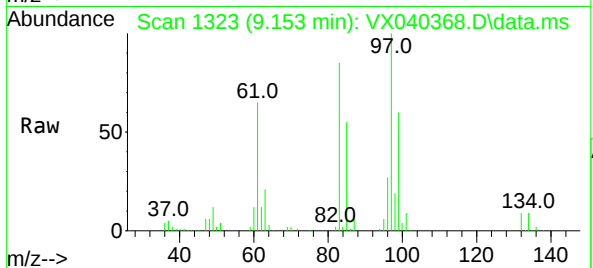
Tgt Ion:	97	Resp:	5222
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.8	98.8
85	55.5	41.6	62.4
99	59.4	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#56

Ethyl methacrylate

Concen: 55.153 ug/l

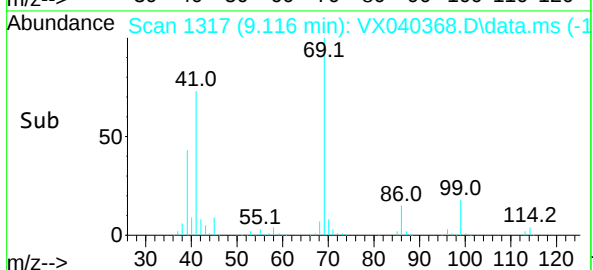
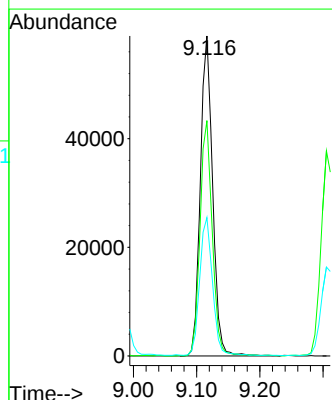
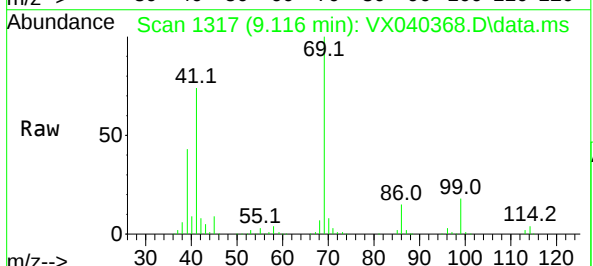
RT: 9.116 min Scan# 1317

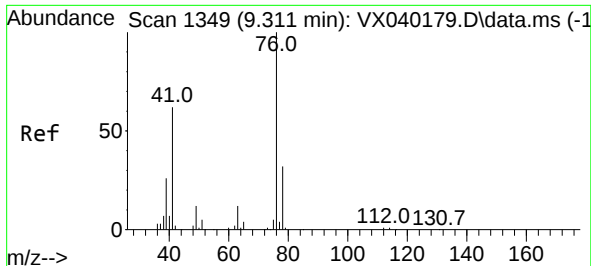
Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion:	69	Resp:	79723
Ion	Ratio	Lower	Upper
69	100		
41	73.6	56.8	85.2
39	45.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 55.518 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

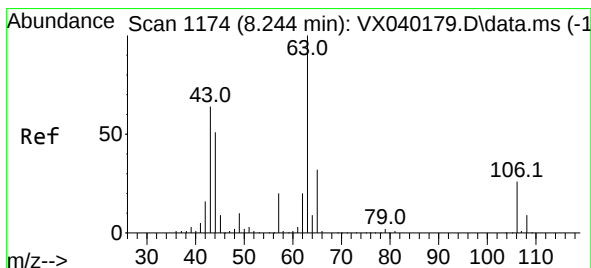
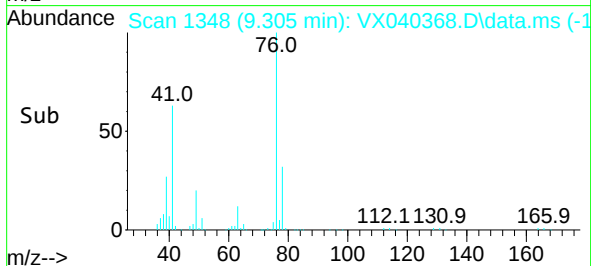
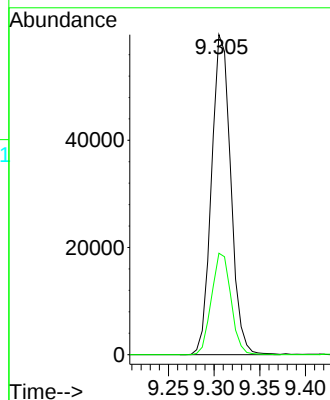
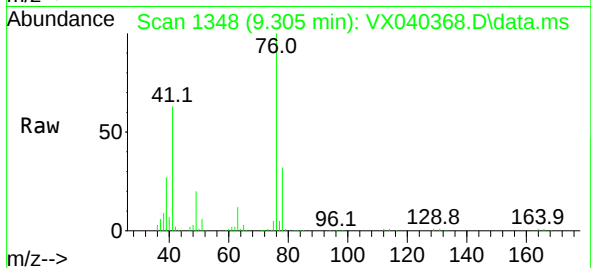
VSTDCCC050EC

Tgt Ion: 76 Resp: 8749
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations

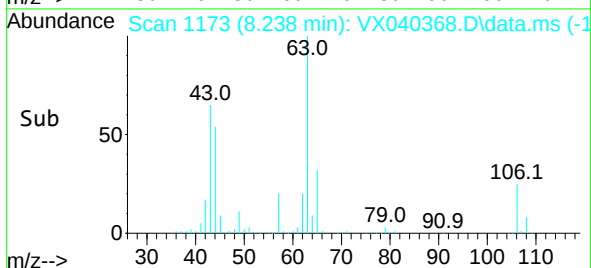
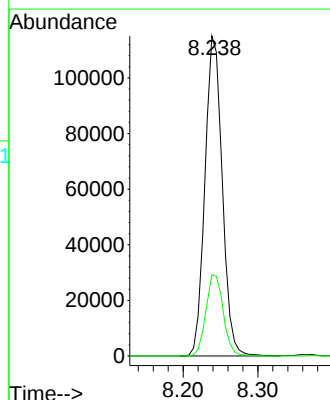
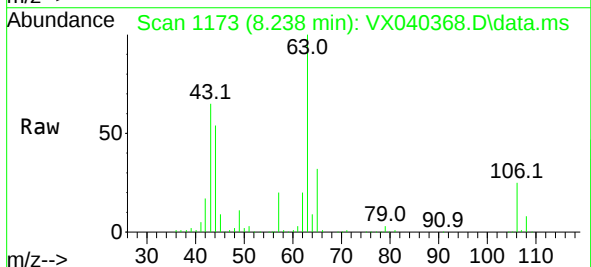
APPROVED

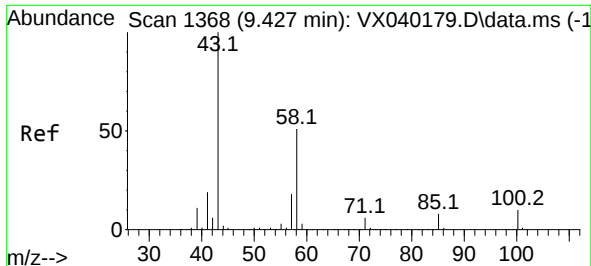
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 270.735 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

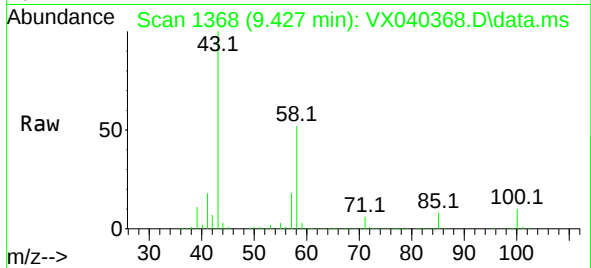
Tgt Ion: 63 Resp: 185129
Ion Ratio Lower Upper
63 100
106 25.5 22.5 33.7





#59
2-Hexanone
Concen: 296.145 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

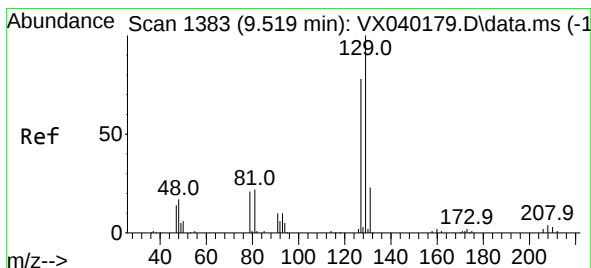
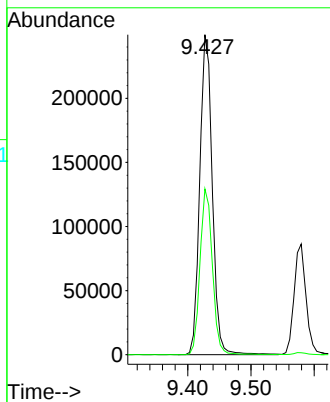
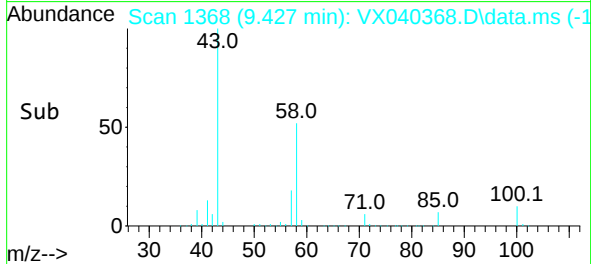
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 34414
Ion Ratio Lower Upper
43 100
58 51.4 26.2 78.5

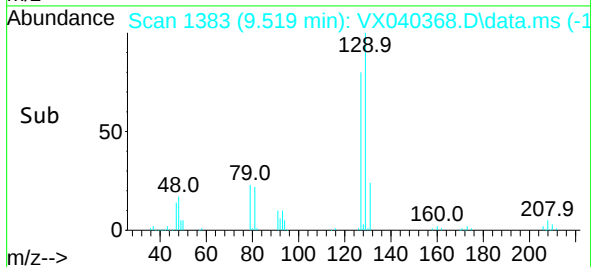
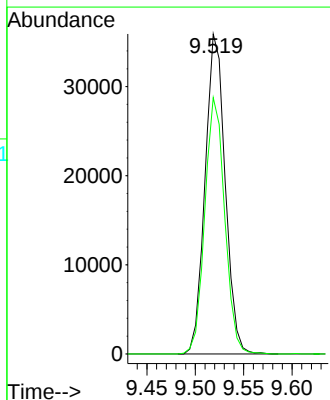
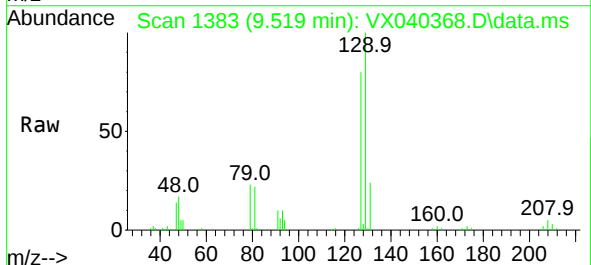
Manual Integrations
APPROVED

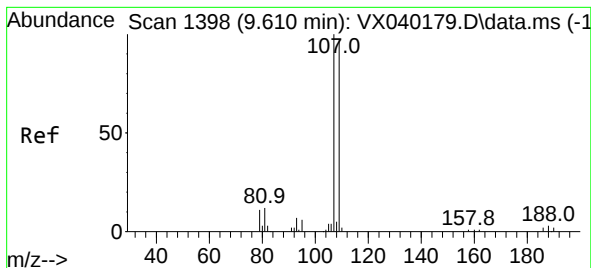
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#60
Dibromochloromethane
Concen: 52.755 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

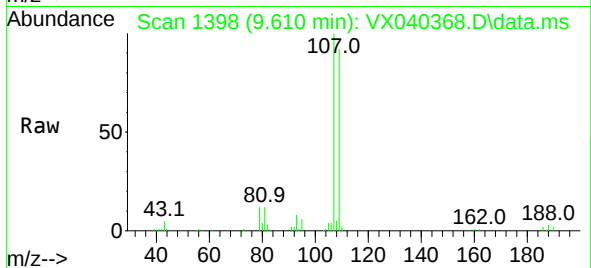
Tgt Ion:129 Resp: 51897
Ion Ratio Lower Upper
129 100
127 79.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.420 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

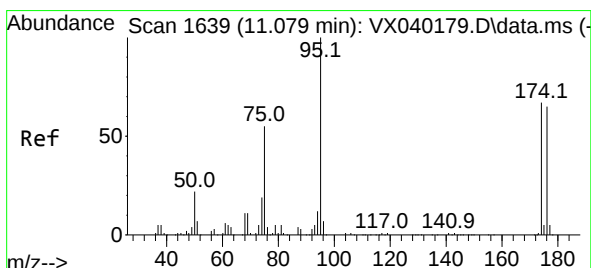
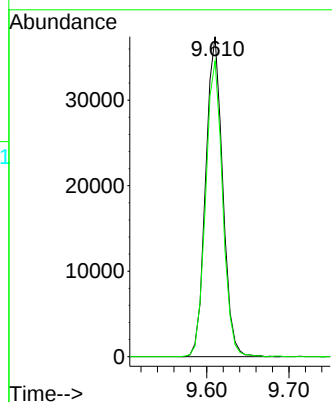
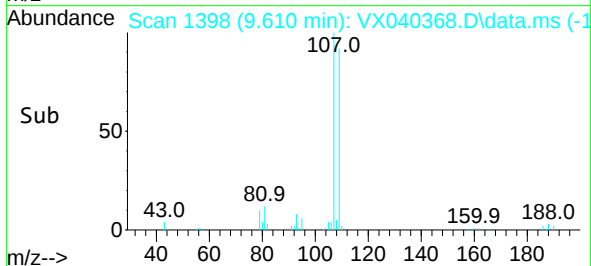
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



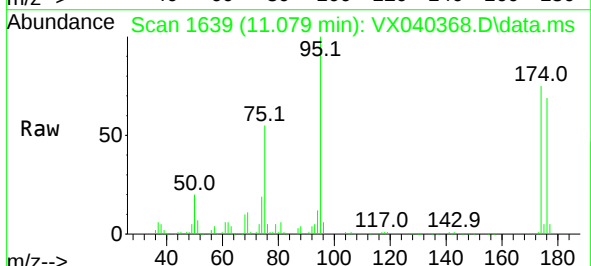
Tgt Ion:107 Resp: 5380
Ion Ratio Lower Upper
107 100
109 92.1 75.2 112.8

Manual Integrations
APPROVED

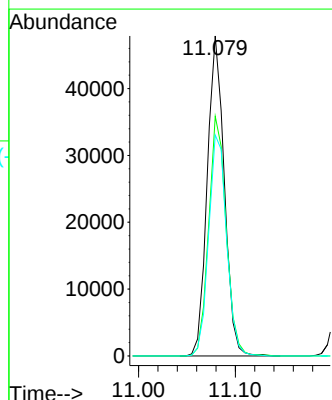
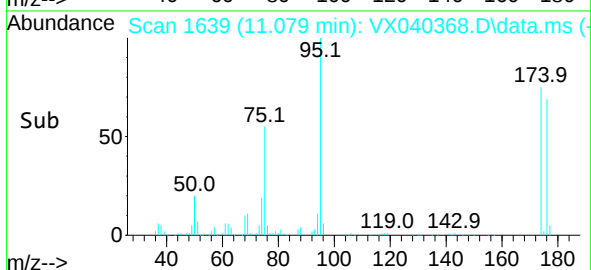
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

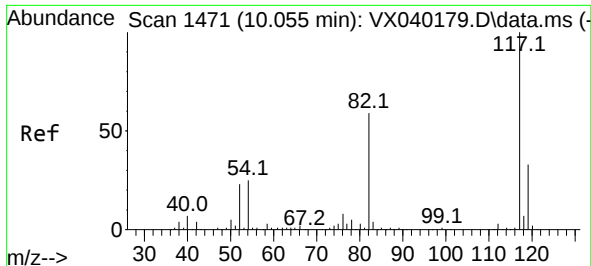


#62
4-Bromofluorobenzene
Concen: 43.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



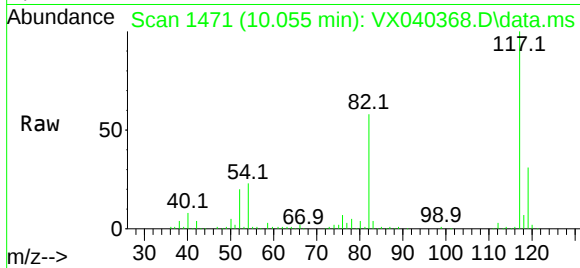
Tgt Ion: 95 Resp: 58659
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 72.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

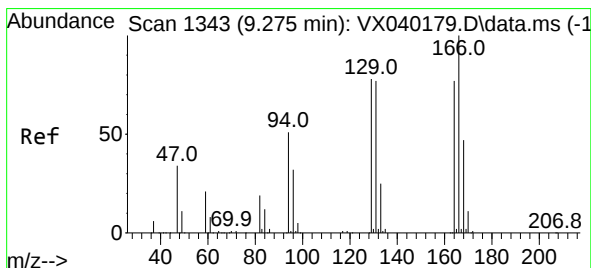
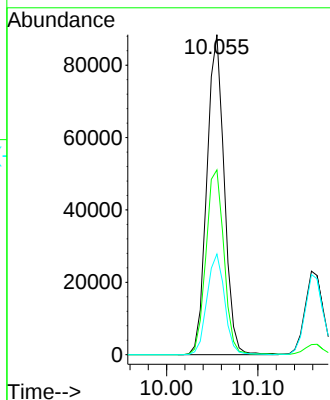
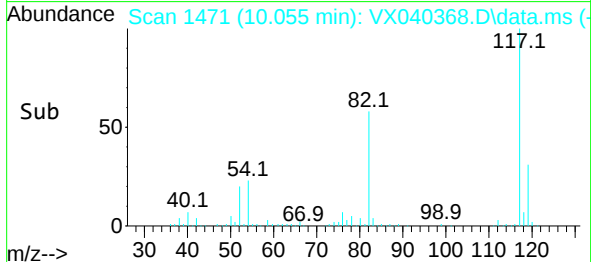
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 11684
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.5 25.5 38.3

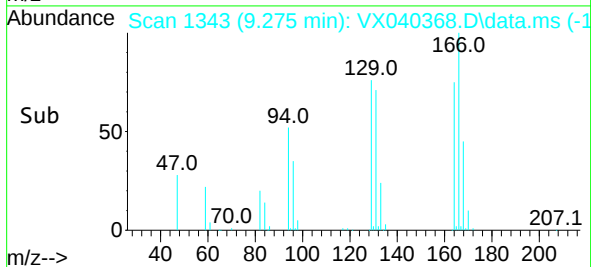
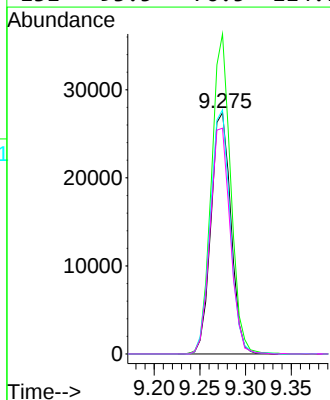
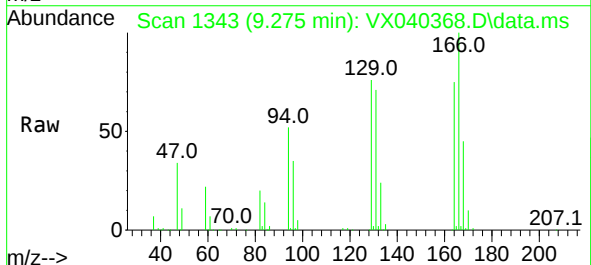
Manual Integrations
APPROVED

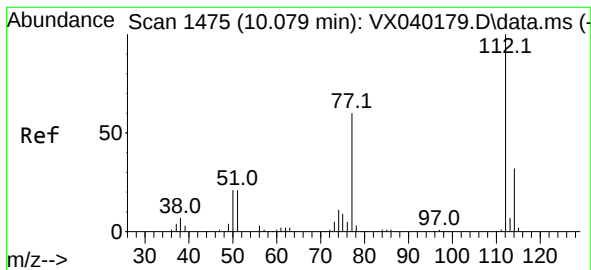
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#64
Tetrachloroethene
Concen: 50.445 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion:164 Resp: 41306
Ion Ratio Lower Upper
164 100
166 132.6 102.7 154.1
129 101.2 80.4 120.6
131 93.5 76.5 114.7





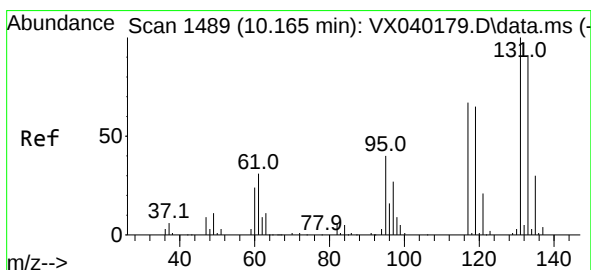
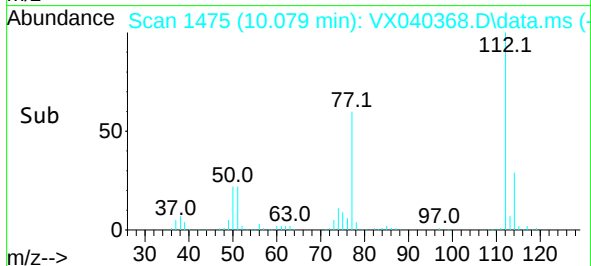
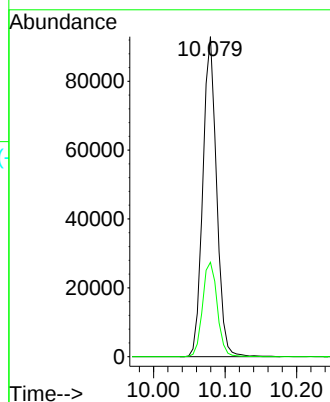
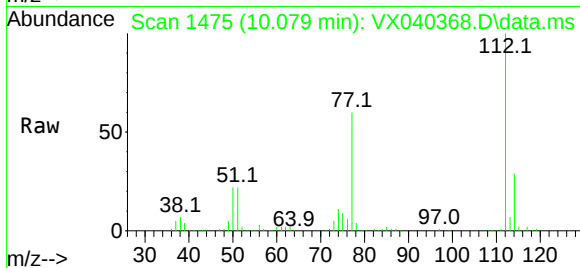
#65
Chlorobenzene
Concen: 51.014 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 124400
Ion Ratio Lower Upper
112 100
114 29.5 25.7 38.5

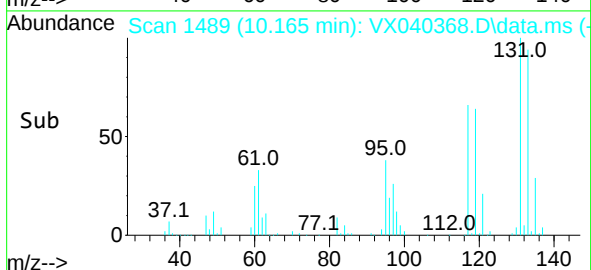
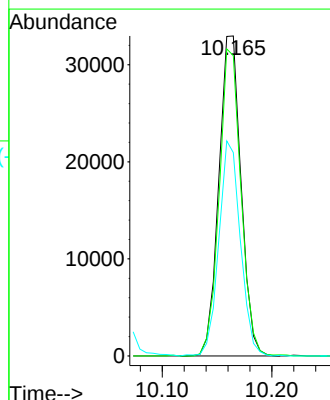
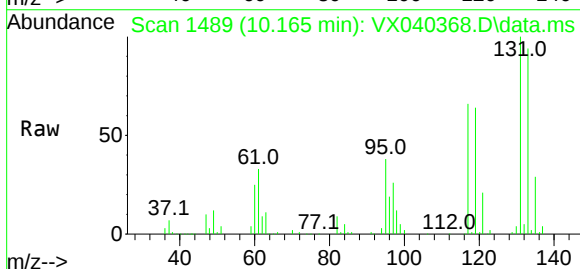
Manual Integrations
APPROVED

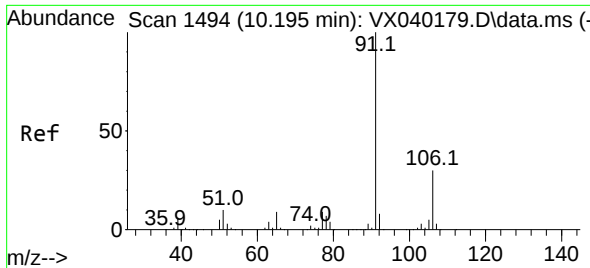
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.827 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

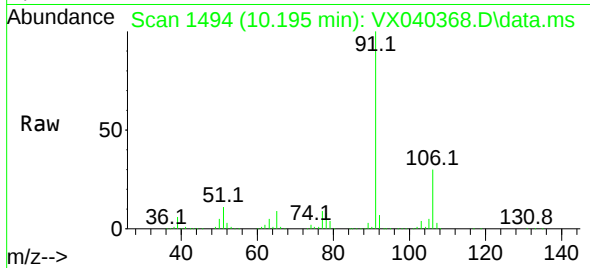
Tgt Ion:131 Resp: 46307
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 65.2 32.2 96.6





#67
Ethyl Benzene
Concen: 52.636 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

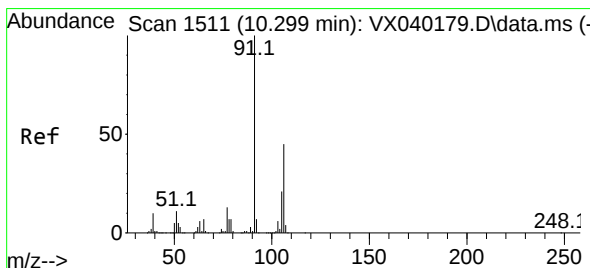
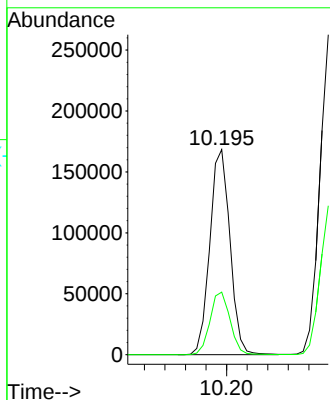
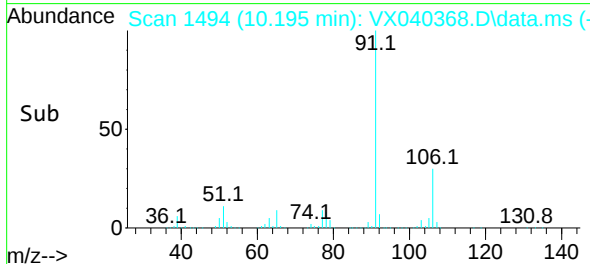
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



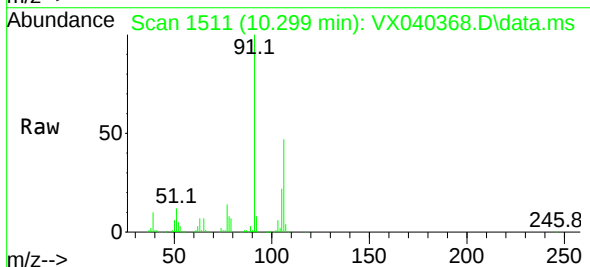
Tgt Ion: 91 Resp: 22861
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
APPROVED

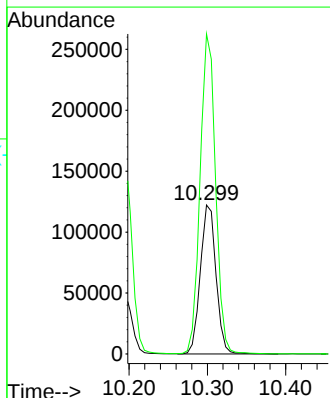
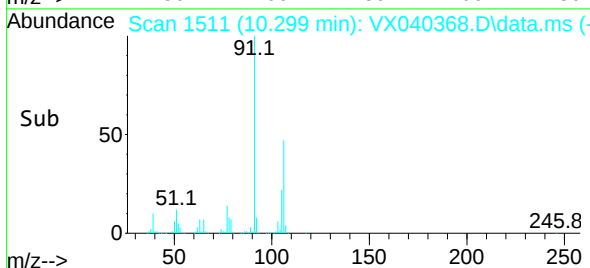
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

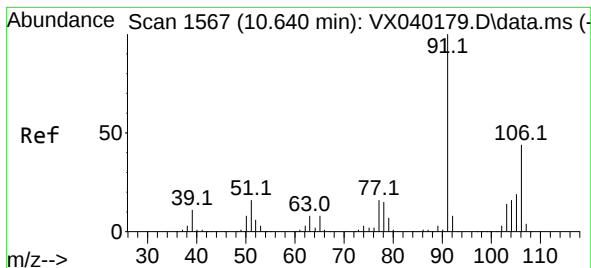


#68
m/p-Xylenes
Concen: 103.494 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



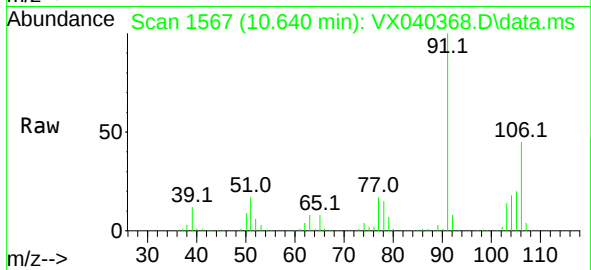
Tgt Ion:106 Resp: 169765
Ion Ratio Lower Upper
106 100
91 212.0 165.5 248.3





#69
o-Xylene
Concen: 53.007 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

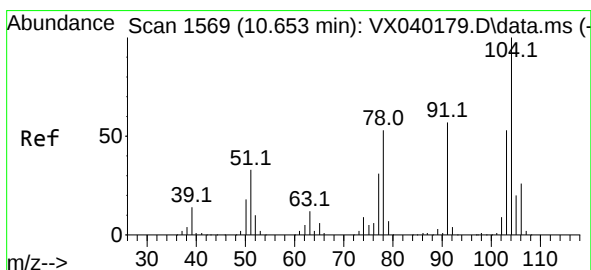
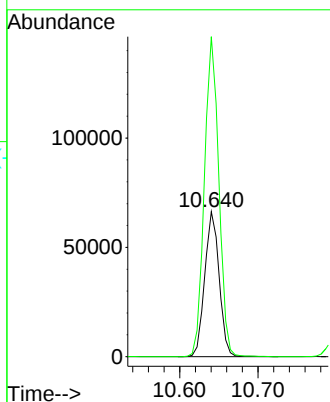
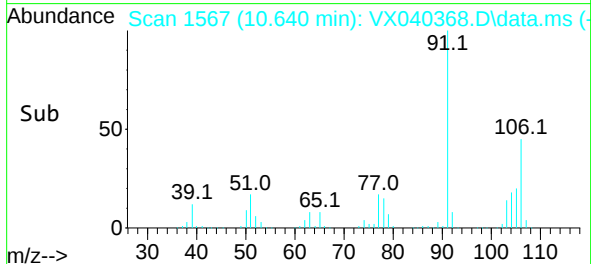
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 84495
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8

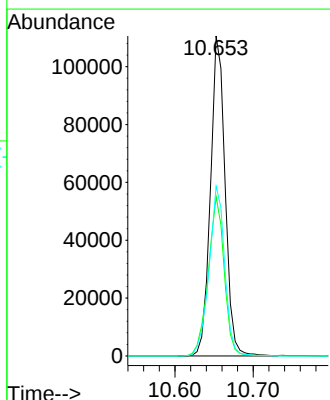
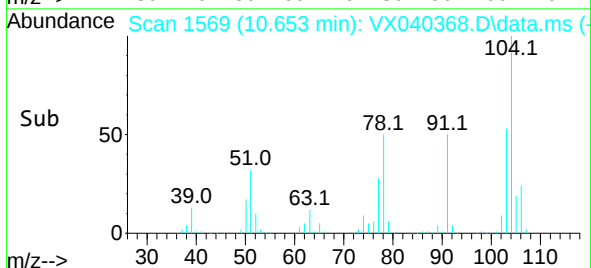
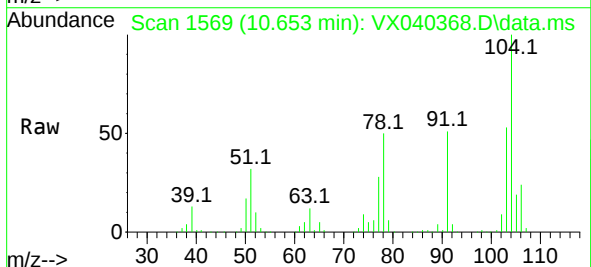
Manual Integrations
APPROVED

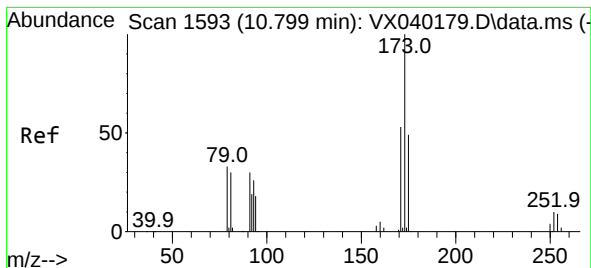
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#70
Styrene
Concen: 54.164 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Tgt Ion:104 Resp: 143544
Ion Ratio Lower Upper
104 100
78 54.3 43.6 65.4
103 56.8 43.6 65.4





#71

Bromoform

Concen: 47.361 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

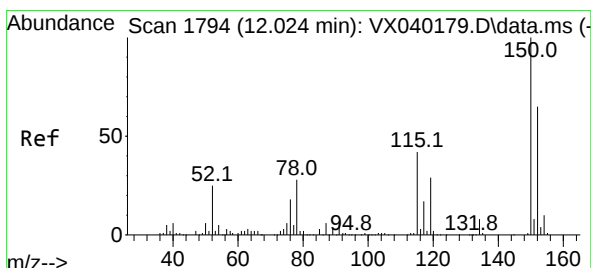
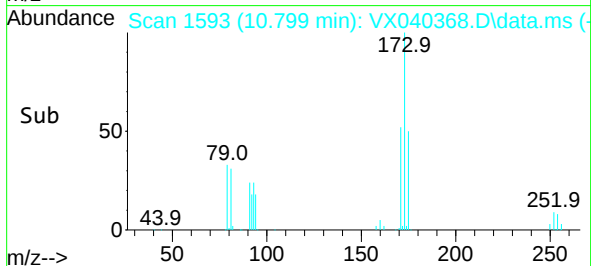
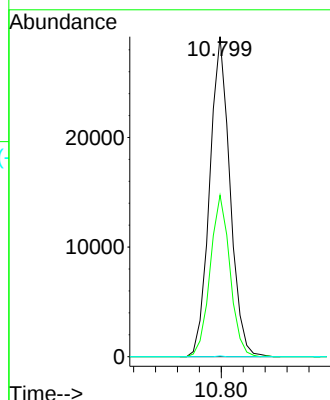
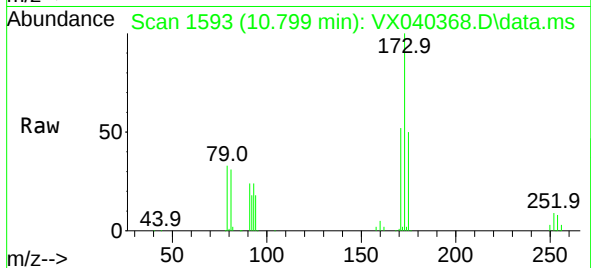
Tgt Ion:173	Resp:	3749
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

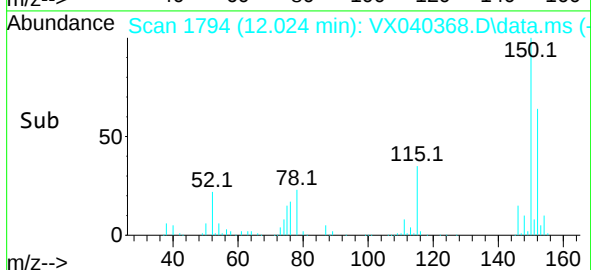
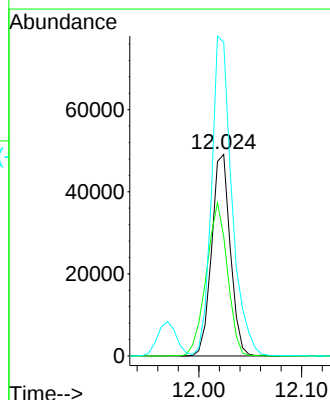
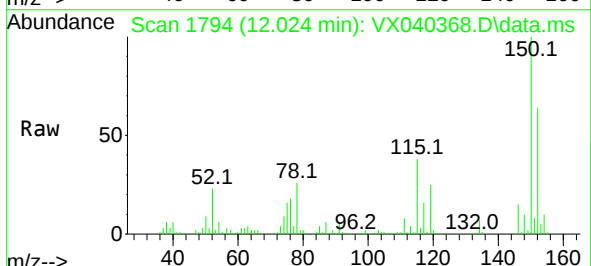
RT: 12.024 min Scan# 1794

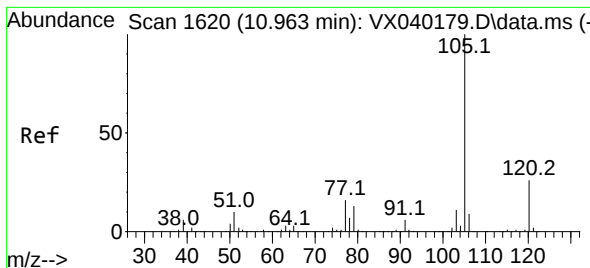
Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion:152	Resp:	61749
Ion Ratio	Lower	Upper
152	100	
115	86.1	43.3 129.9
150	173.8	0.0 345.0





#73

Isopropylbenzene

Concen: 51.800 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 22528

Ion Ratio Lower Upper

105 100

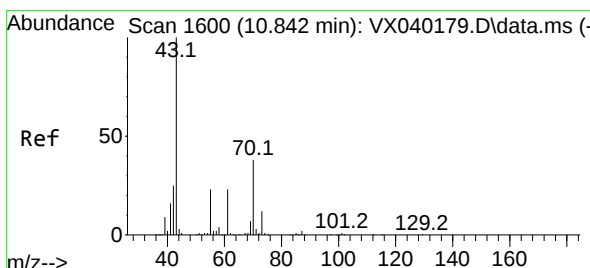
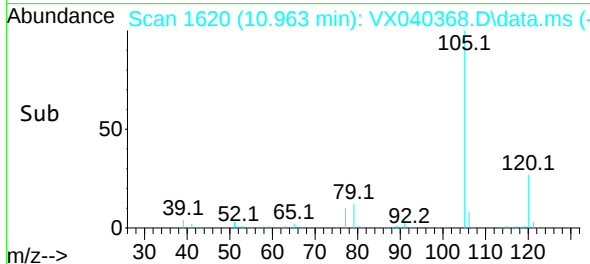
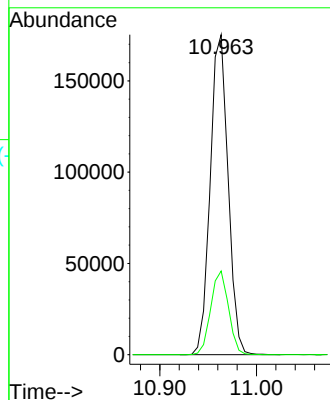
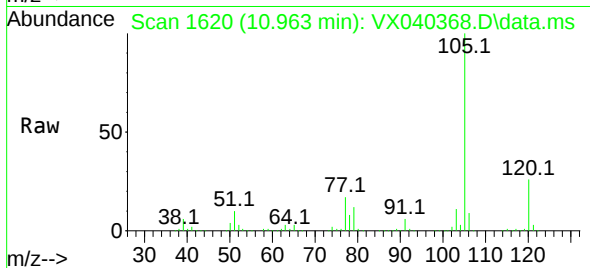
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#74

N-ethyl acetate

Concen: 61.573 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion: 43 Resp: 114787

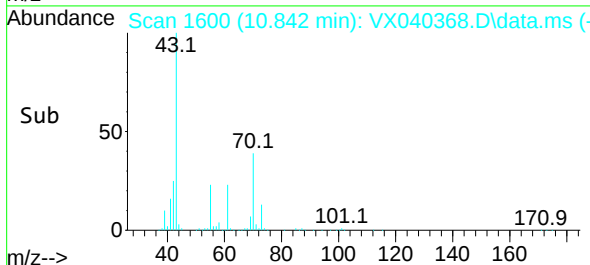
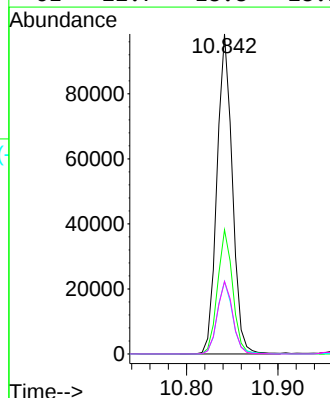
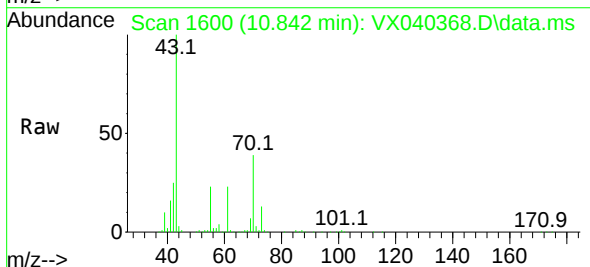
Ion Ratio Lower Upper

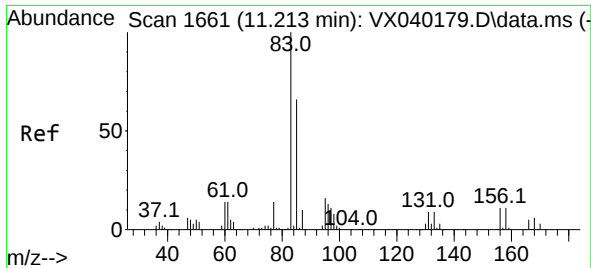
43 100

70 38.3 32.9 49.3

55 22.8 19.3 28.9

61 22.7 18.8 28.2





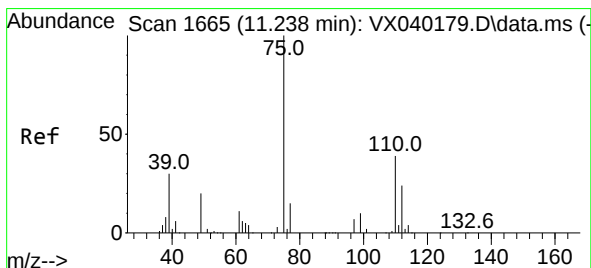
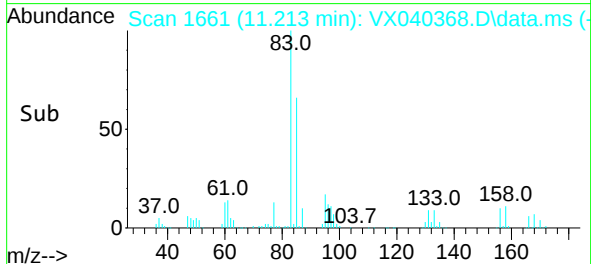
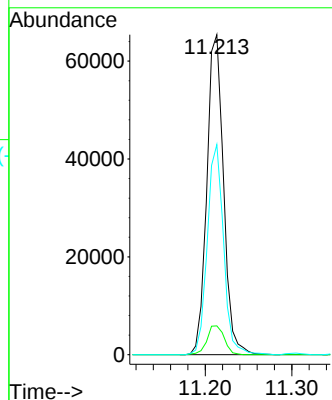
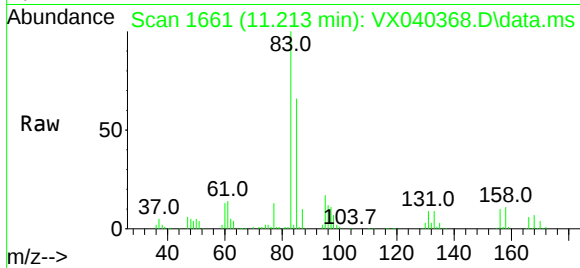
#75
1,1,2,2-Tetrachloroethane
Concen: 56.002 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 87500
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.1 32.0 96.2

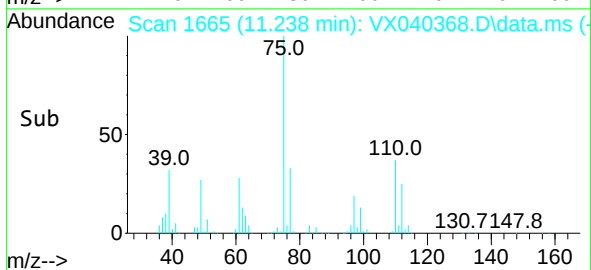
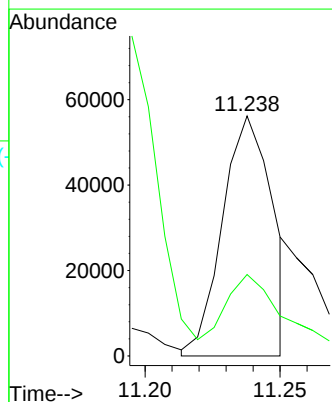
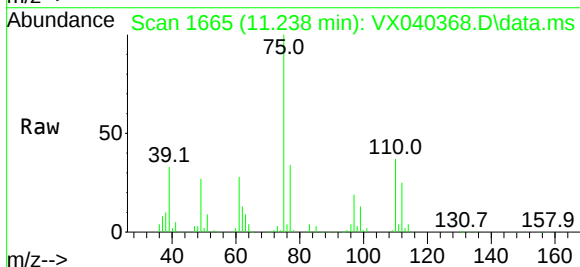
Manual Integrations
APPROVED

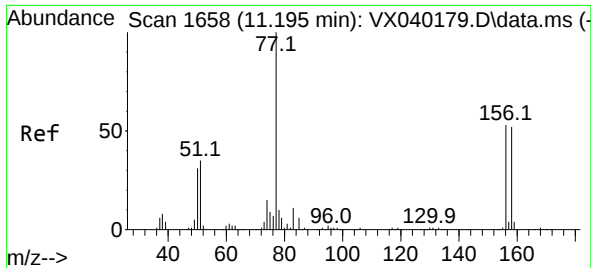
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#76
1,2,3-Trichloropropane
Concen: 57.901 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

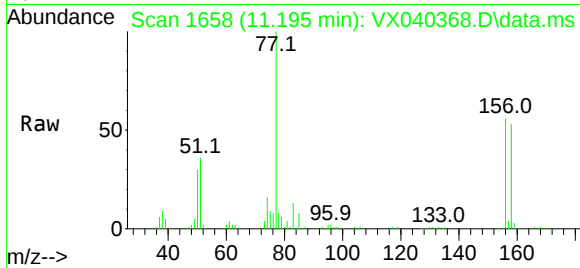
Tgt Ion: 75 Resp: 72402
Ion Ratio Lower Upper
75 100
77 42.2 19.1 57.5





#77
Bromobenzene
Concen: 52.240 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

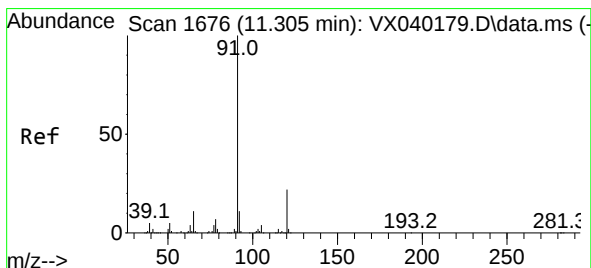
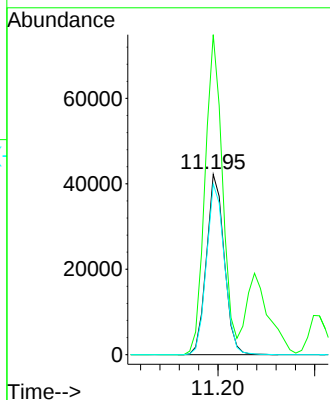
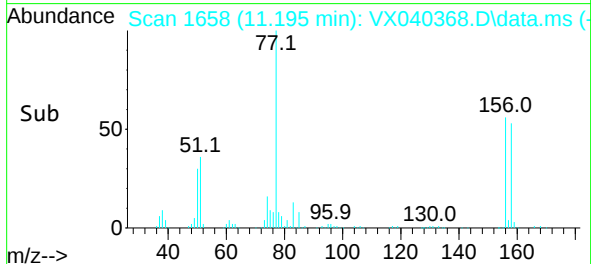
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



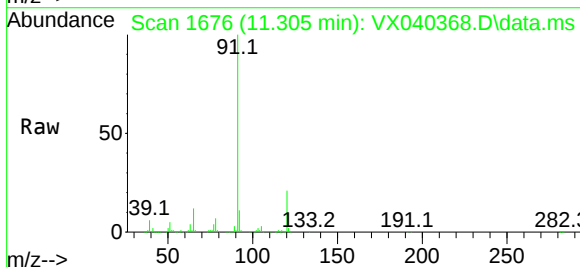
Tgt Ion:156 Resp: 53662
Ion Ratio Lower Upper
156 100
77 175.4 88.4 265.3
158 96.0 48.0 144.0

Manual Integrations
APPROVED

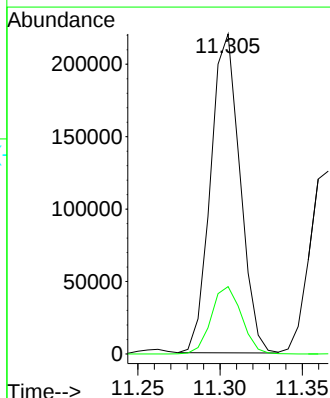
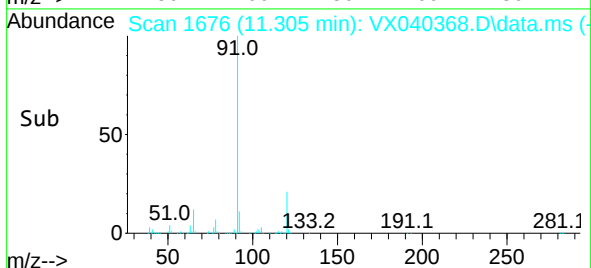
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

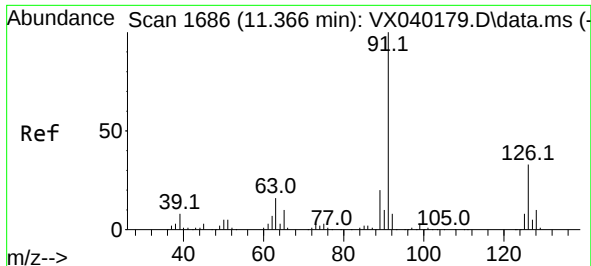


#78
n-propylbenzene
Concen: 52.052 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



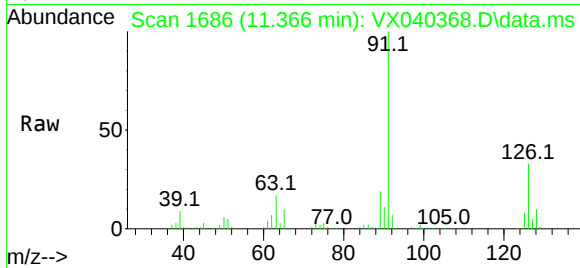
Tgt Ion: 91 Resp: 274078
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.730 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

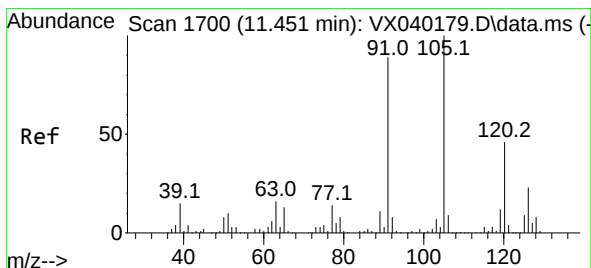
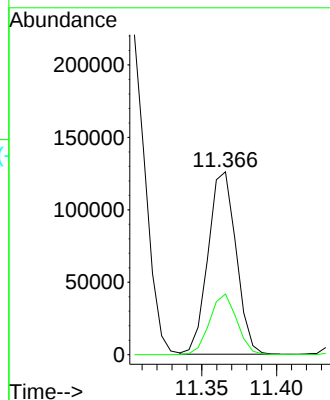
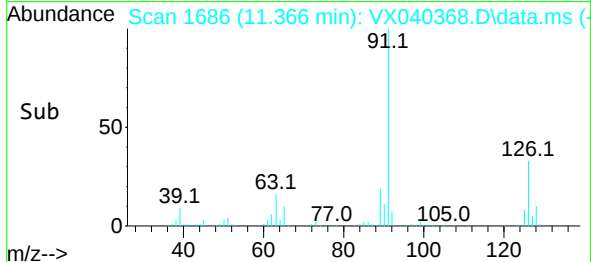
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



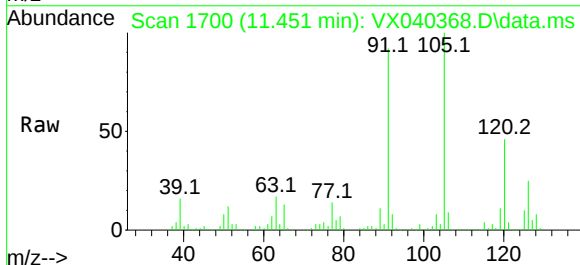
Tgt Ion: 91 Resp: 16447
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

Manual Integrations
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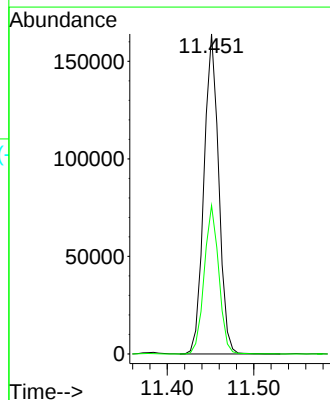
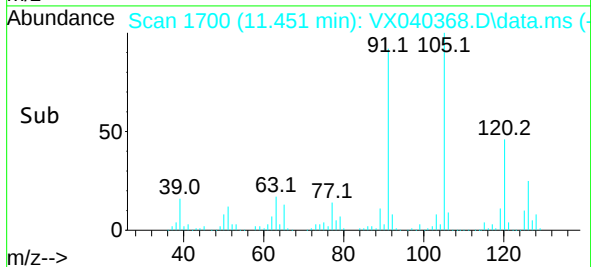
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

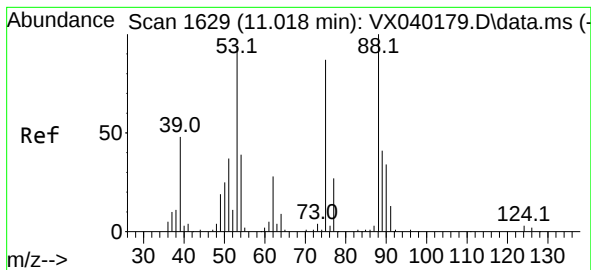


#80
1,3,5-Trimethylbenzene
Concen: 53.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion:105 Resp: 194090
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





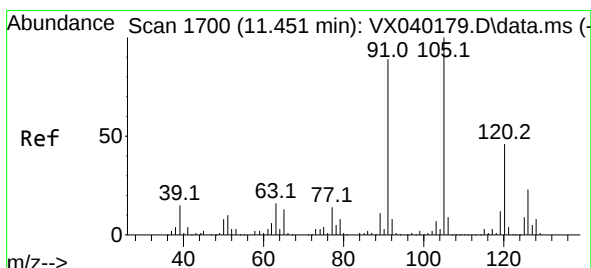
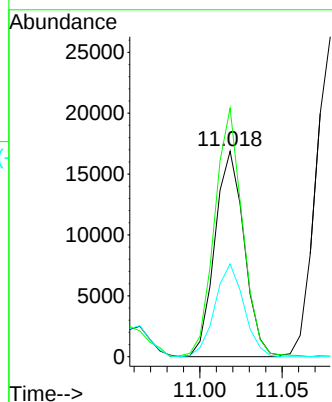
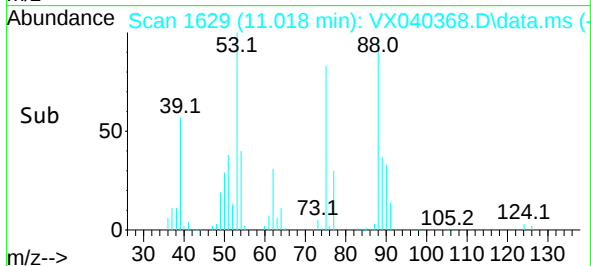
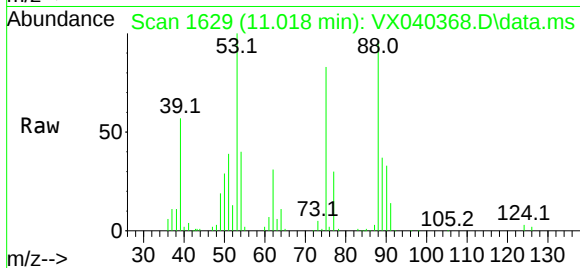
#81
trans-1,4-Dichloro-2-butene
Concen: 47.238 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2094
Ion Ratio Lower Upper
75 100
53 115.3 90.5 135.7
89 44.6 36.9 55.3

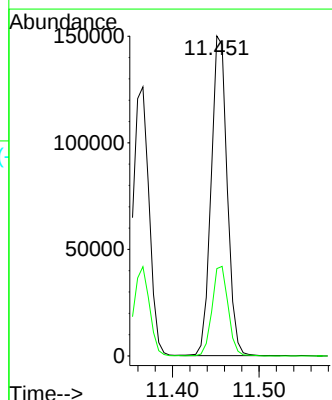
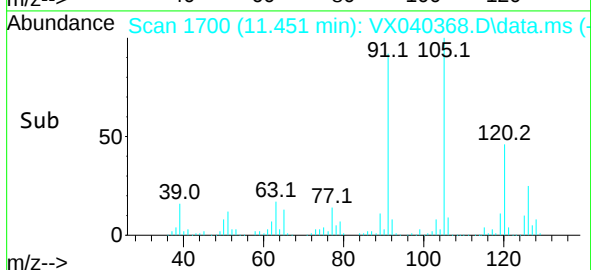
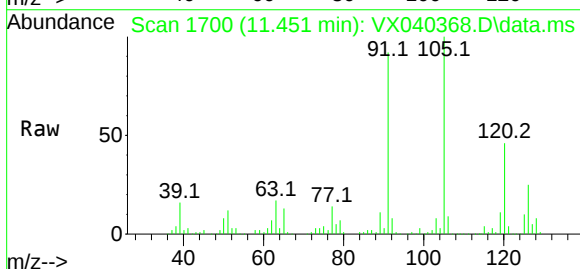
Manual Integrations
APPROVED

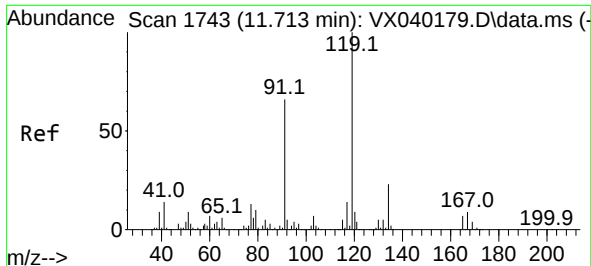
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#82
4-Chlorotoluene
Concen: 51.231 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

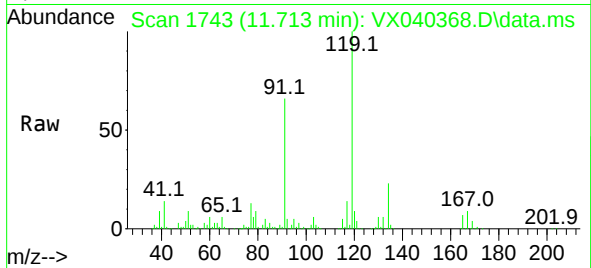
Tgt Ion: 91 Resp: 193000
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.589 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

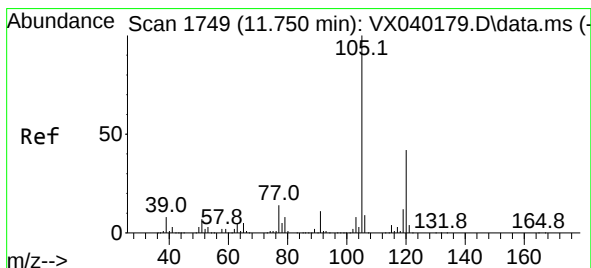
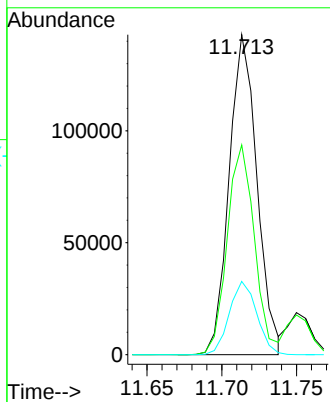
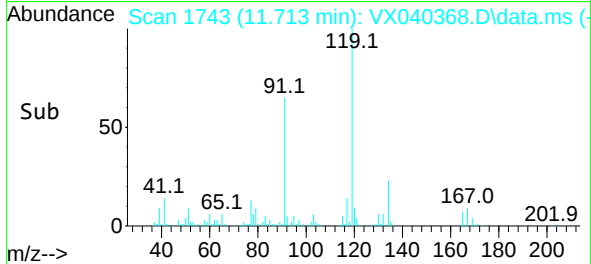
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



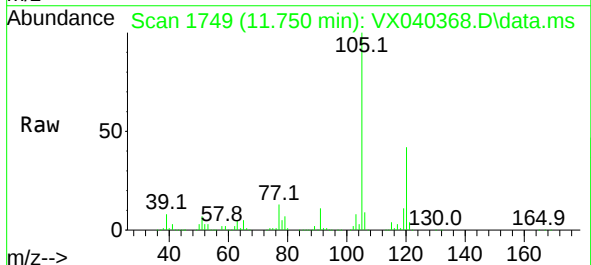
Tgt Ion:119 Resp: 185192
Ion Ratio Lower Upper
119 100
91 64.2 31.2 93.6
134 22.6 11.7 35.0

Manual Integrations
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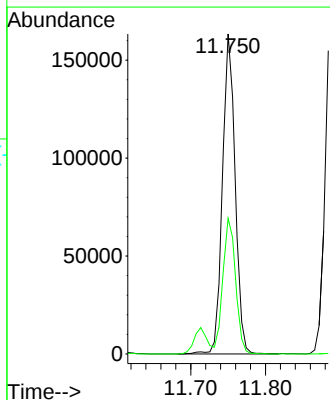
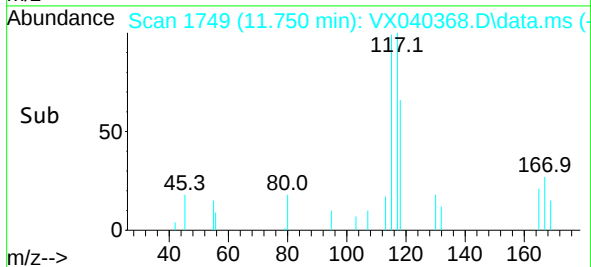
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

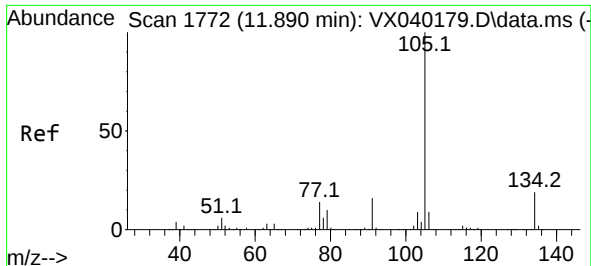


#84
1,2,4-Trimethylbenzene
Concen: 52.202 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



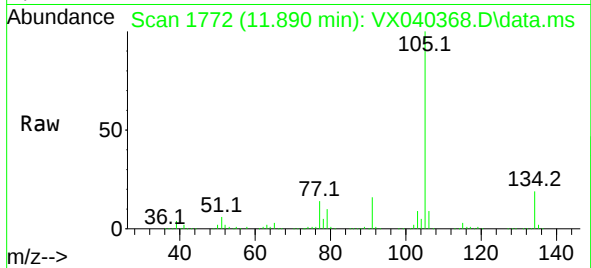
Tgt Ion:105 Resp: 193375
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.018 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040368.D
 Acq: 20 Feb 2024 19:36

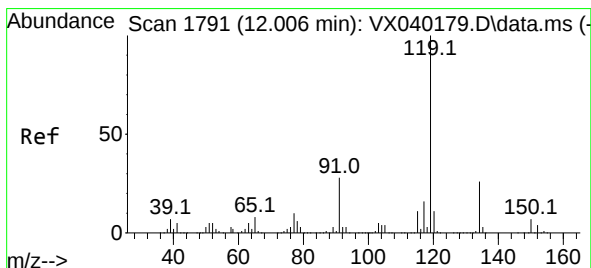
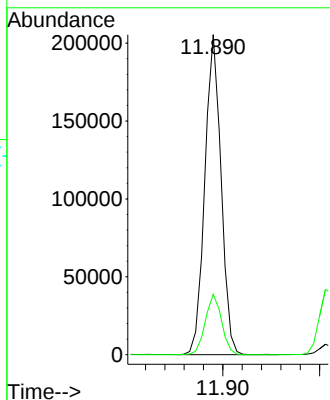
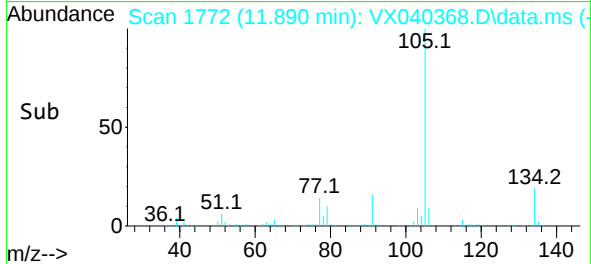
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 239972
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

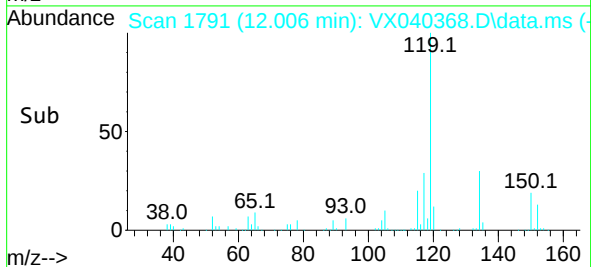
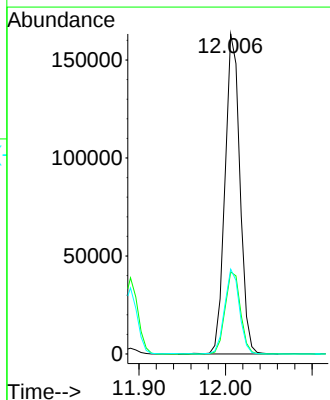
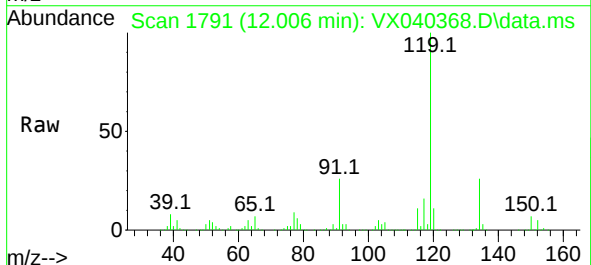
Manual Integrations
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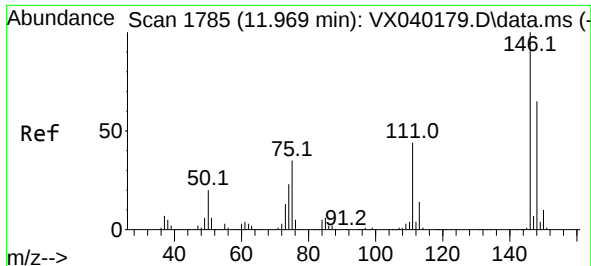
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024



#86
 p-Isopropyltoluene
 Concen: 51.639 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040368.D
 Acq: 20 Feb 2024 19:36

Tgt Ion:119 Resp: 195280
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.835 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10346

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.1

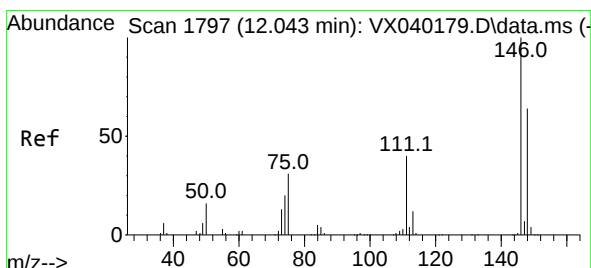
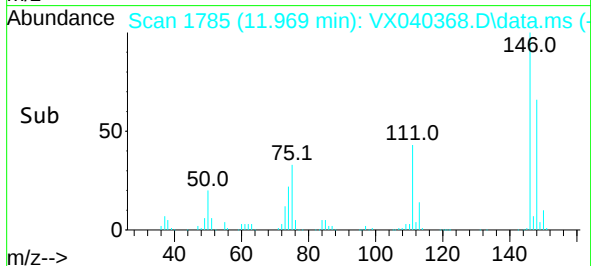
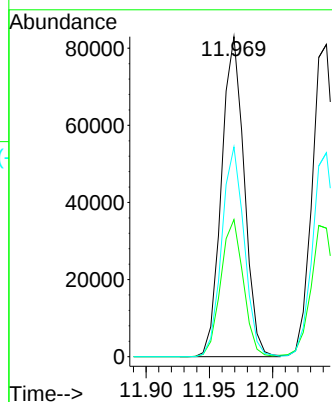
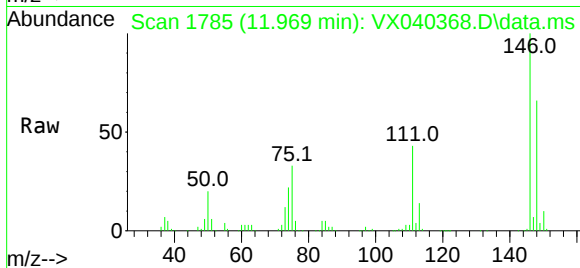
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#88

1,4-Dichlorobenzene

Concen: 48.628 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

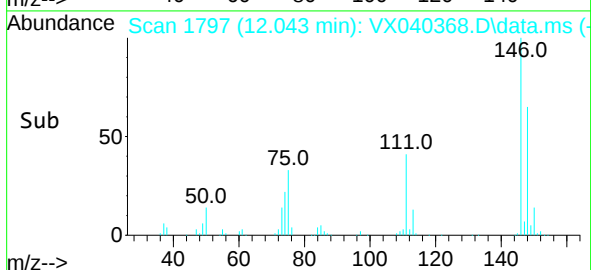
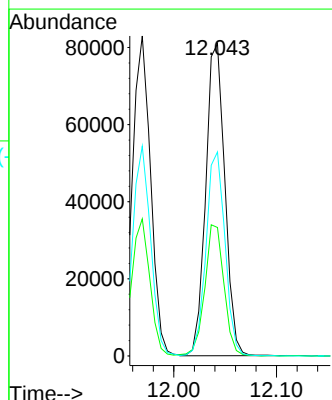
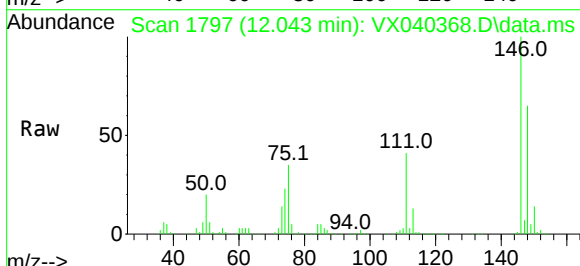
Tgt Ion:146 Resp: 104803

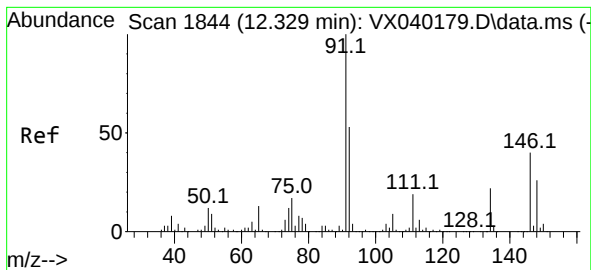
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

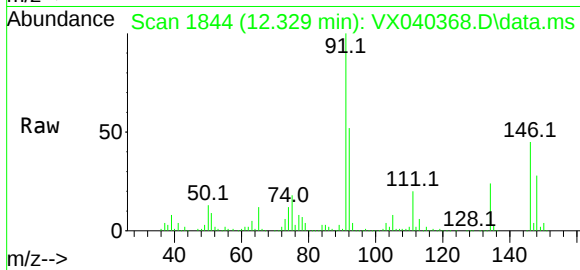
148 65.2 31.8 95.4





#89
n-Butylbenzene
Concen: 51.873 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

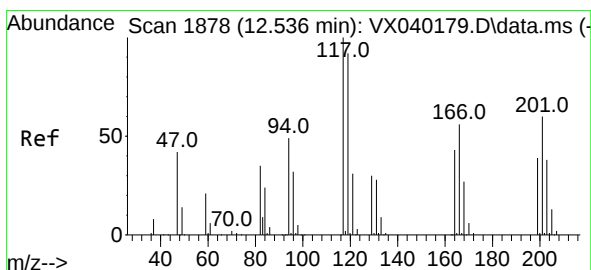
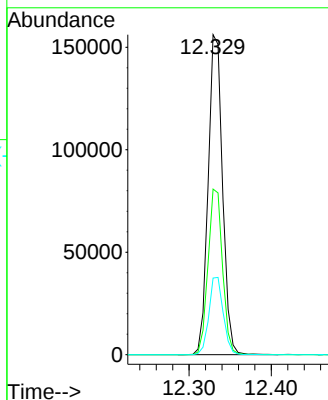
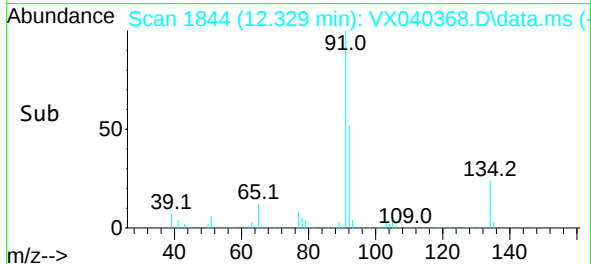
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18936
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 24.2 12.6 37.8

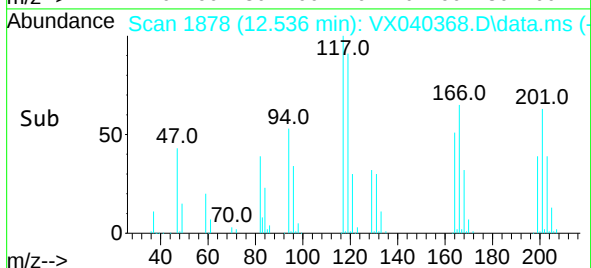
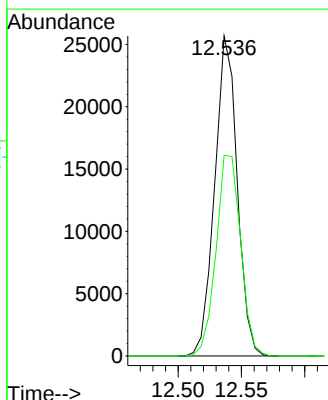
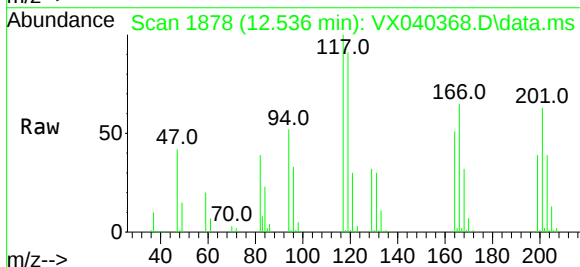
Manual Integrations
APPROVED

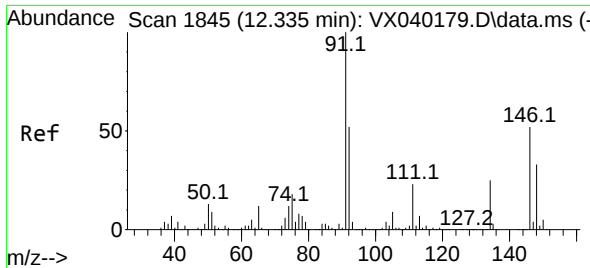
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#90
Hexachloroethane
Concen: 53.207 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

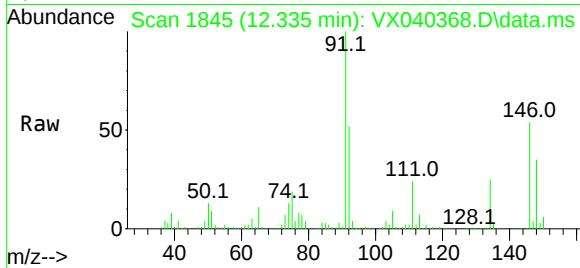
Tgt Ion:117 Resp: 31738
Ion Ratio Lower Upper
117 100
201 68.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.929 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36

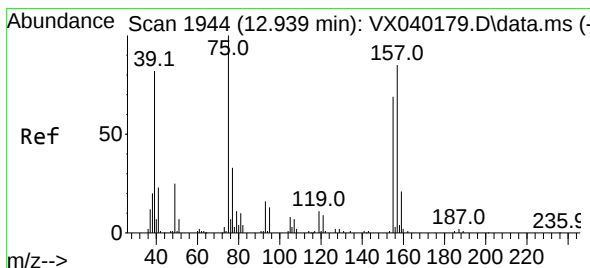
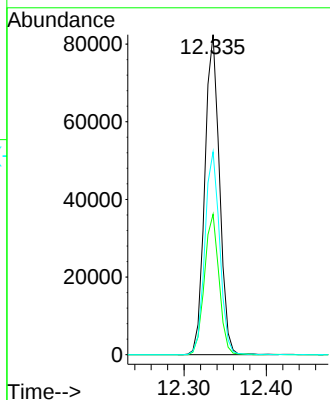
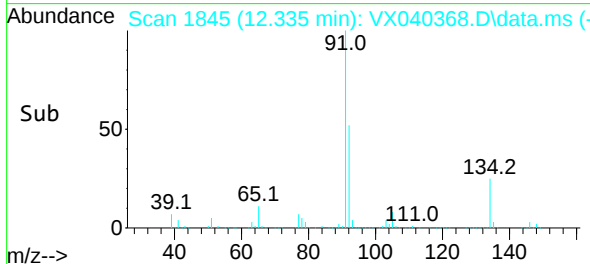
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



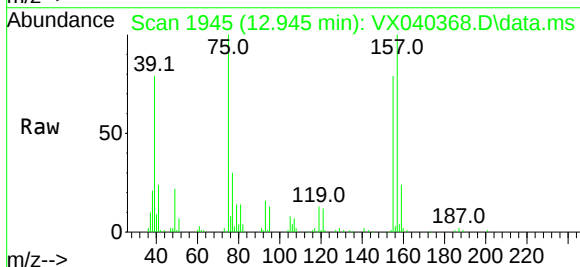
Tgt Ion:146 Resp: 10231
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

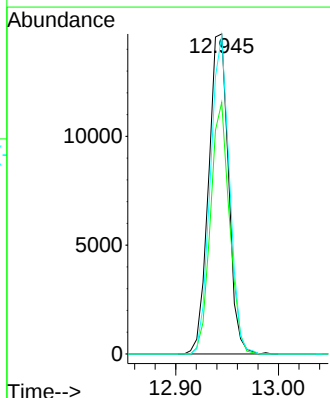
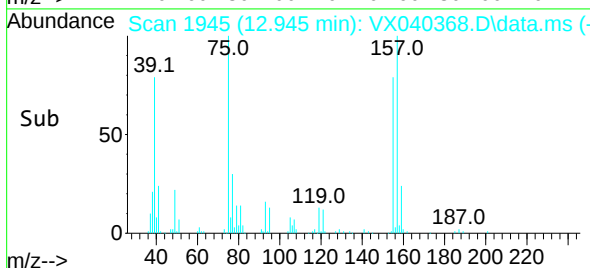
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

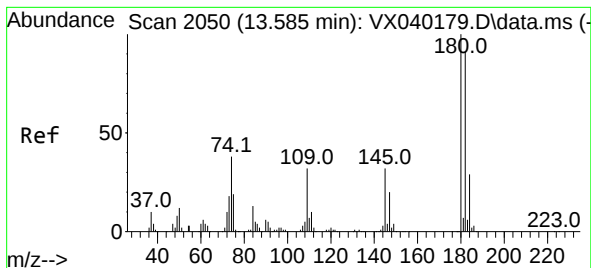


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.812 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040368.D
Acq: 20 Feb 2024 19:36



Tgt Ion: 75 Resp: 19767
Ion Ratio Lower Upper
75 100
155 74.5 36.1 108.5
157 94.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.117 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

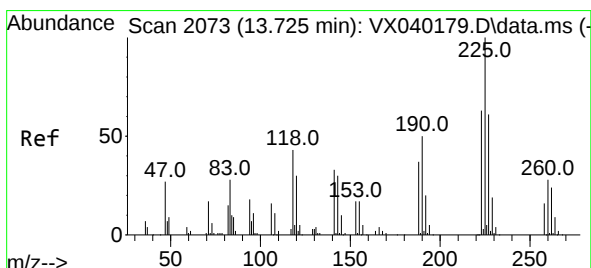
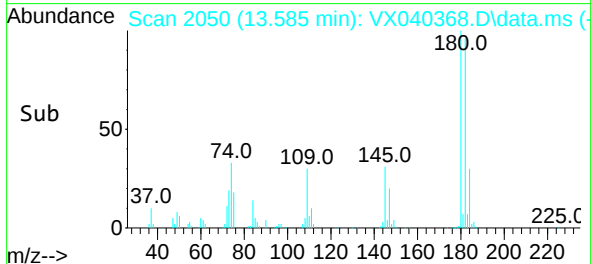
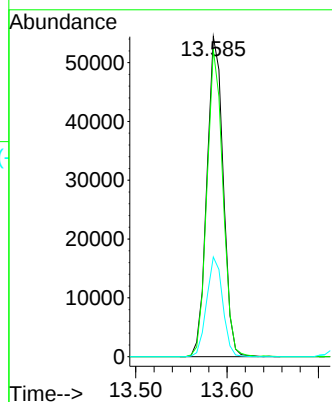
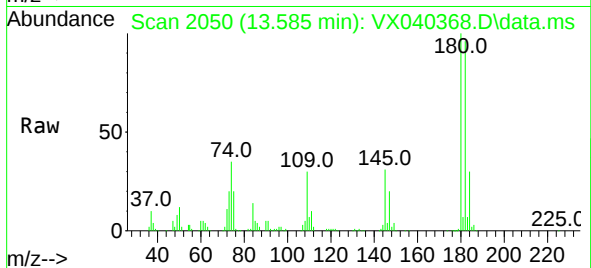
Tgt Ion:180	Resp:	67604
Ion Ratio	Lower	Upper
180	100	
182	93.8	48.3 144.8
145	30.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#94

Hexachlorobutadiene

Concen: 46.328 ug/l

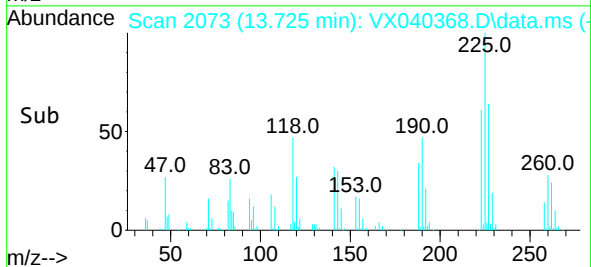
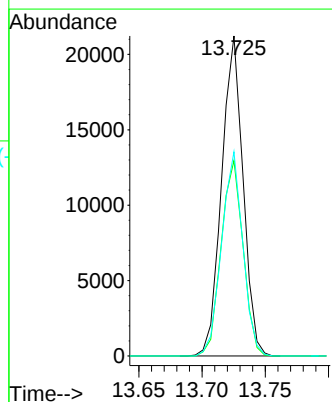
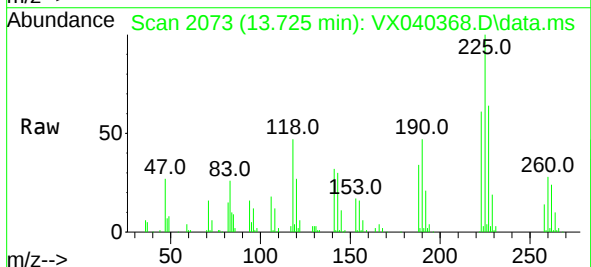
RT: 13.725 min Scan# 2073

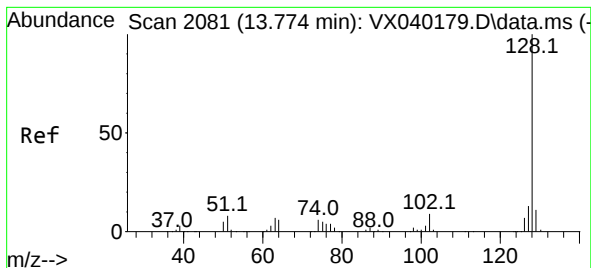
Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion:225	Resp:	24941
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.1 93.2
227	63.2	32.5 97.5





#95

Naphthalene

Concen: 53.702 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

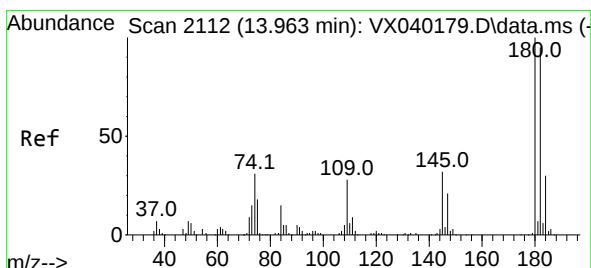
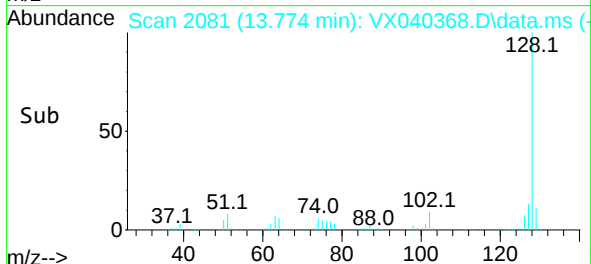
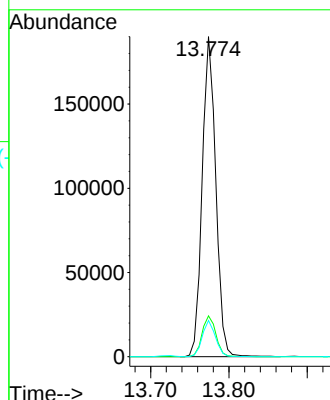
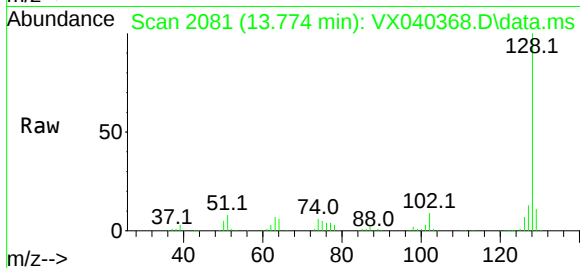
Tgt Ion:128 Resp: 228789
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.225 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040368.D

Acq: 20 Feb 2024 19:36

Tgt Ion:180 Resp: 65864
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.6
 145 34.0 17.8 53.5

