

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040239.D
 Acq On : 14 Feb 2024 22:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 00:11:10 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	5.556	168	73892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57568	52.368	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.385	113	46546	53.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	165194	50.963	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	66600	50.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41416	49.619	ug/l	96
3) Chloromethane	1.294	50	43072	50.042	ug/l	99
4) Vinyl Chloride	1.374	62	45042	49.520	ug/l	98
5) Bromomethane	1.599	94	31428	61.229	ug/l	92
6) Chloroethane	1.685	64	28722	50.069	ug/l	99
7) Trichlorofluoromethane	1.886	101	68809	47.106	ug/l	100
8) Diethyl Ether	2.130	74	28607	52.134	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	37483	47.838	ug/l	96
10) Methyl Iodide	2.453	142	50340	57.869	ug/l	92
11) Tert butyl alcohol	2.959	59	55252	258.035	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	36951	48.980	ug/l	91
13) Acrolein	2.233	56	51011	258.100	ug/l	97
14) Allyl chloride	2.666	41	64612	49.352	ug/l	95
15) Acrylonitrile	3.062	53	124892	260.679	ug/l	99
16) Acetone	2.380	43	97664	216.315	ug/l	93
17) Carbon Disulfide	2.514	76	88655	44.513	ug/l	98
18) Methyl Acetate	2.703	43	54288	44.854	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	143625	54.040	ug/l	100
20) Methylene Chloride	2.788	84	46039	54.539	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	41021	47.744	ug/l	91
22) Diisopropyl ether	3.764	45	141100	53.142	ug/l	88
23) Vinyl Acetate	3.721	43	651267	275.151	ug/l	98
24) 1,1-Dichloroethane	3.605	63	78482	50.744	ug/l	99
25) 2-Butanone	4.550	43	171718	243.316	ug/l	96
26) 2,2-Dichloropropane	4.471	77	51614	43.352	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	49928	50.939	ug/l	92
28) Bromochloromethane	4.891	49	35492	54.050	ug/l	91
29) Tetrahydrofuran	5.001	42	116600	253.597	ug/l	95
30) Chloroform	5.093	83	85776	51.296	ug/l	98
31) Cyclohexane	5.471	56	58320	44.478	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	69764	49.592	ug/l	100
36) 1,1-Dichloropropene	5.696	75	55561	45.772	ug/l	96
37) Ethyl Acetate	4.715	43	68867	50.988	ug/l	97
38) Carbon Tetrachloride	5.672	117	55381	47.985	ug/l	98
39) Methylcyclohexane	7.379	83	63587	45.076	ug/l	94
40) Benzene	6.037	78	171865	50.630	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37934	52.979	ug/l	93
42) 1,2-Dichloroethane	6.086	62	68483	51.615	ug/l	99
43) Isopropyl Acetate	6.336	43	113517	53.839	ug/l	98
44) Trichloroethene	7.123	130	45494	48.587	ug/l	98
45) 1,2-Dichloropropane	7.427	63	47690	53.977	ug/l	98
46) Dibromomethane	7.580	93	35385	54.379	ug/l	95
47) Bromodichloromethane	7.818	83	66782	53.264	ug/l	99
48) Methyl methacrylate	7.690	41	56040	51.944	ug/l	89
49) 1,4-Dioxane	7.659	88	23146	986.191	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	384276	266.946	ug/l	99
52) Toluene	8.720	92	113136	50.883	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	69986	46.986	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73798	52.519	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50389	53.135	ug/l	94
56) Ethyl methacrylate	9.116	69	78847	55.538	ug/l	95
57) 1,3-Dichloropropane	9.305	76	82761	53.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	177691	264.580	ug/l	98
59) 2-Hexanone	9.427	43	296806	260.053	ug/l	97
60) Dibromochloromethane	9.519	129	52830	54.679	ug/l	98
61) 1,2-Dibromoethane	9.610	107	54104	53.674	ug/l	99
64) Tetrachloroethene	9.269	164	40366	48.159	ug/l	94
65) Chlorobenzene	10.079	112	121590	48.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45391	52.501	ug/l	99
67) Ethyl Benzene	10.195	91	222179	49.974	ug/l	100
68) m/p-Xylenes	10.299	106	166667	99.260	ug/l	99
69) o-Xylene	10.640	106	83404	51.115	ug/l	99
70) Styrene	10.653	104	141865	52.294	ug/l	98
71) Bromoform	10.799	173	38498	47.502	ug/l #	97
73) Isopropylbenzene	10.963	105	217332	47.322	ug/l	98
74) N-amyl acetate	10.842	43	109816	55.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84779	51.381	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70866m	53.669	ug/l	
77) Bromobenzene	11.195	156	54669	50.400	ug/l	93
78) n-propylbenzene	11.305	91	265905	47.823	ug/l	99
79) 2-Chlorotoluene	11.366	91	156959	46.749	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189412	48.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22067	47.147	ug/l	93
82) 4-Chlorotoluene	11.451	91	185153	46.543	ug/l	98
83) tert-Butylbenzene	11.713	119	181430	47.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	193636	49.502	ug/l	98
85) sec-Butylbenzene	11.890	105	232765	47.780	ug/l	99
86) p-Isopropyltoluene	12.006	119	193118	48.360	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105464	49.071	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	107992	47.452	ug/l	98
89) n-Butylbenzene	12.329	91	180139	46.732	ug/l	97
90) Hexachloroethane	12.536	117	31535	50.065	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	104049	50.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20128	52.854	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	68979	48.426	ug/l	97
94) Hexachlorobutadiene	13.725	225	26397	46.433	ug/l	97
95) Naphthalene	13.774	128	234309	52.083	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67529	49.736	ug/l	97

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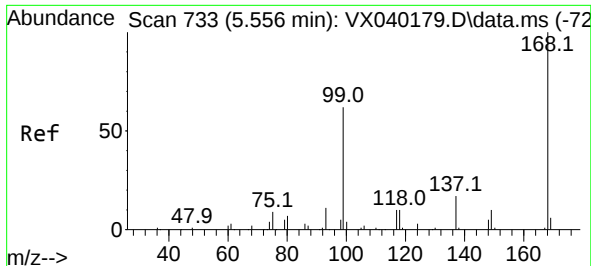
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/15/2024

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Response via : Initial Calibration

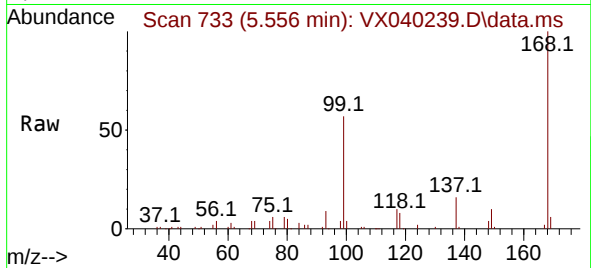
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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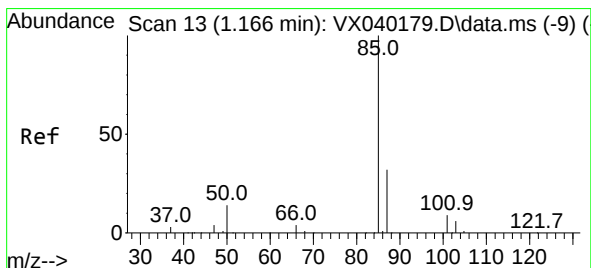
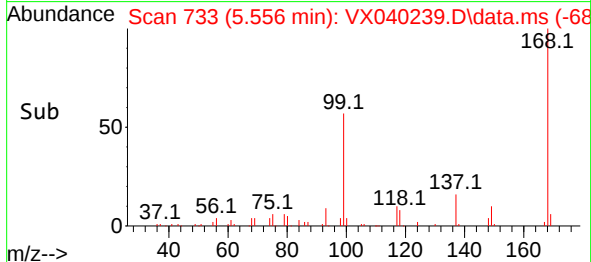
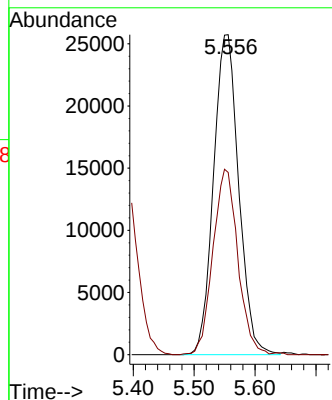
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7389
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0

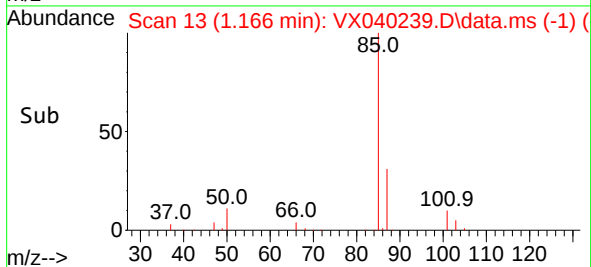
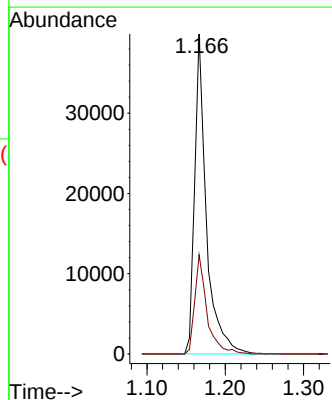
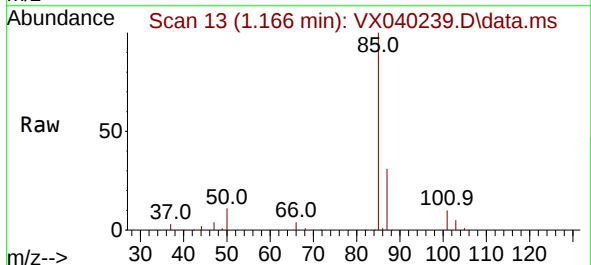
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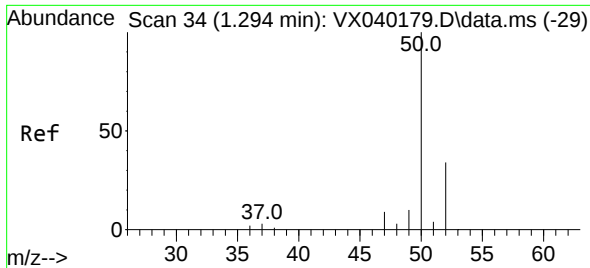
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#2
Dichlorodifluoromethane
Concen: 49.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 85 Resp: 41416
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





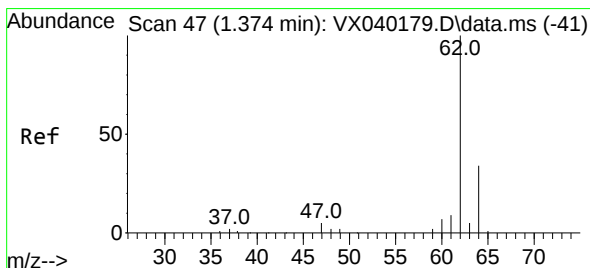
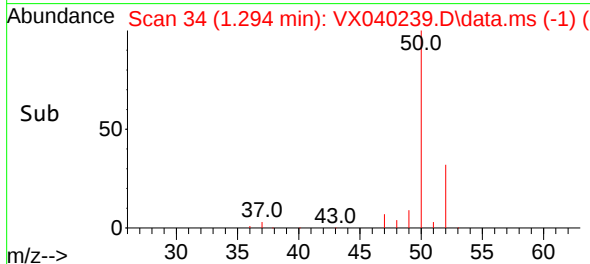
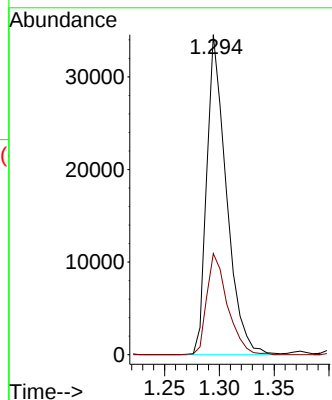
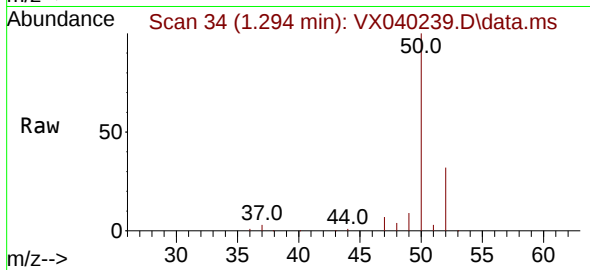
#3
Chloromethane
Concen: 50.042 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

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Tgt Ion: 50 Resp: 43072
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

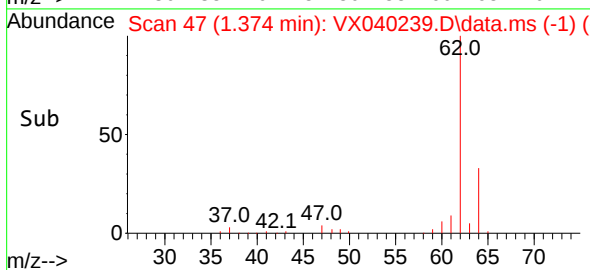
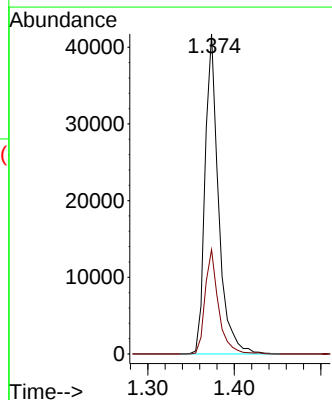
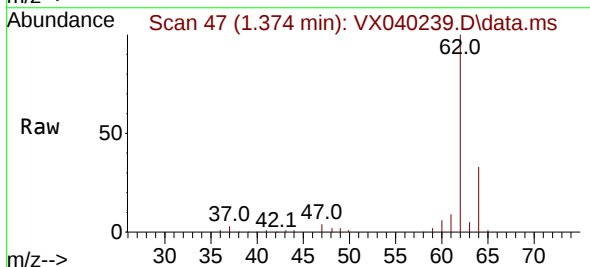
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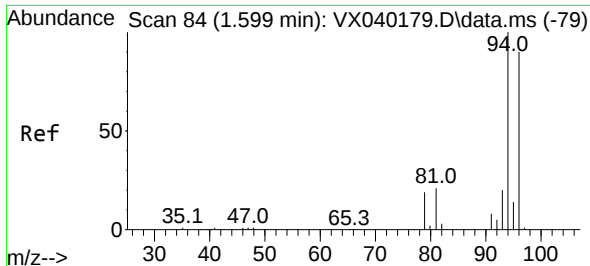
Reviewed By :John Carlone 02/15/2024
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#4
Vinyl Chloride
Concen: 49.520 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

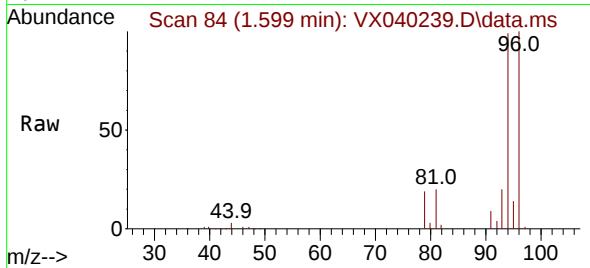
Tgt Ion: 62 Resp: 45042
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 61.229 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

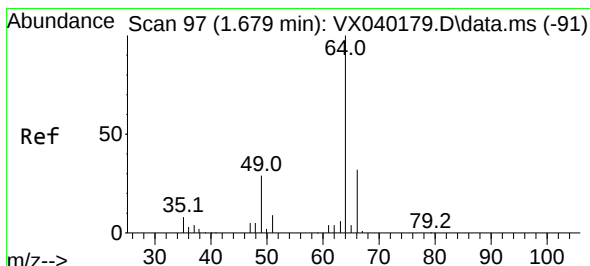
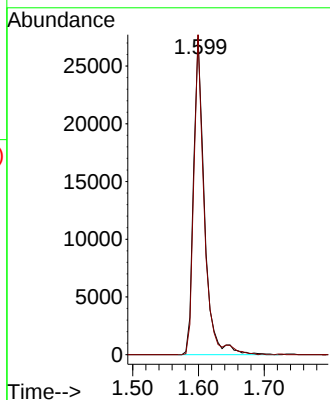
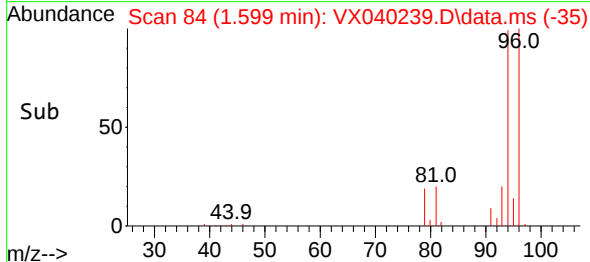
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Tgt Ion: 94 Resp: 31428
Ion Ratio Lower Upper
94 100
96 101.1 74.6 111.8

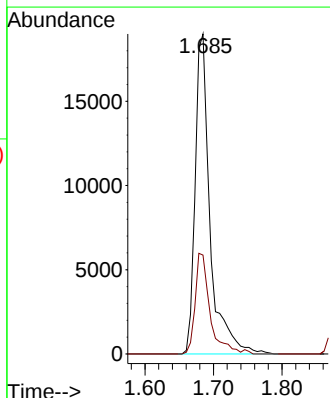
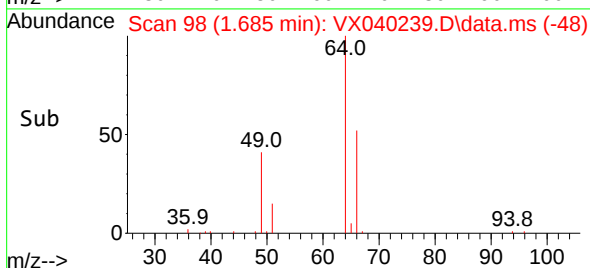
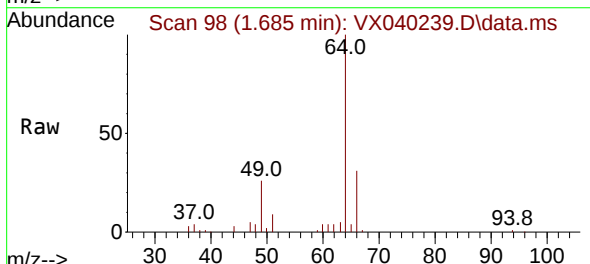
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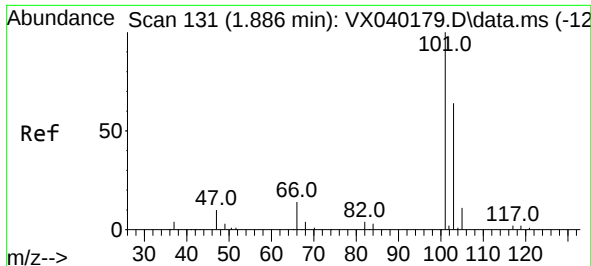
Reviewed By :John Carlone 02/15/2024
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#6
Chloroethane
Concen: 50.069 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040239.D
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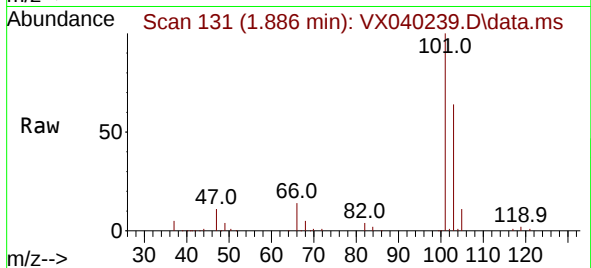
Tgt Ion: 64 Resp: 28722
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 47.106 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040239.D
 Acq: 14 Feb 2024 22:25

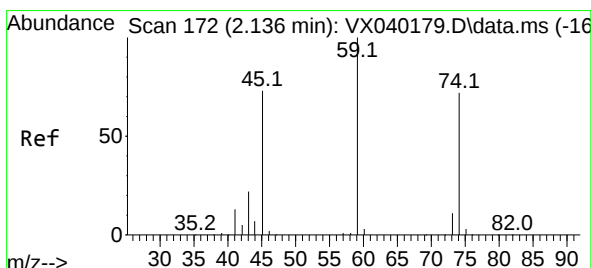
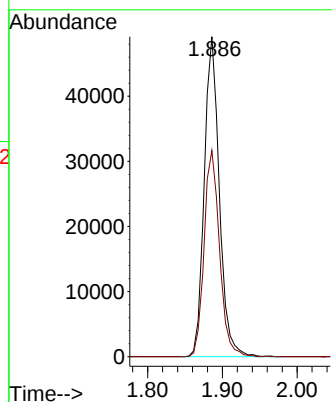
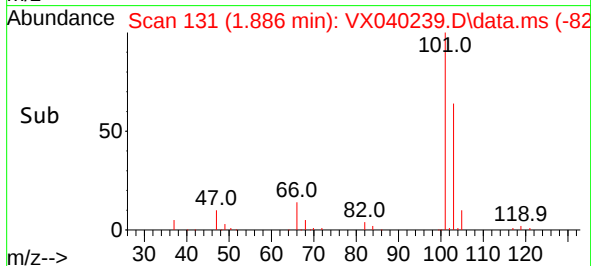
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 68809
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

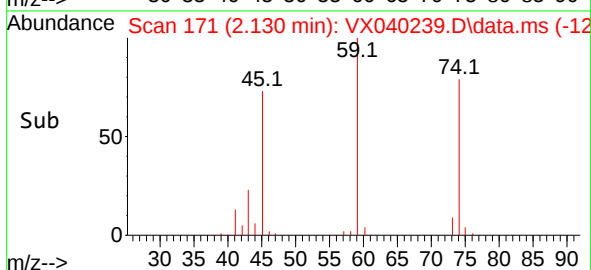
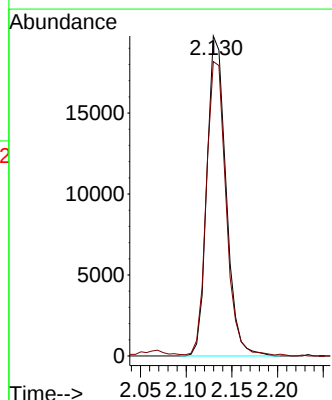
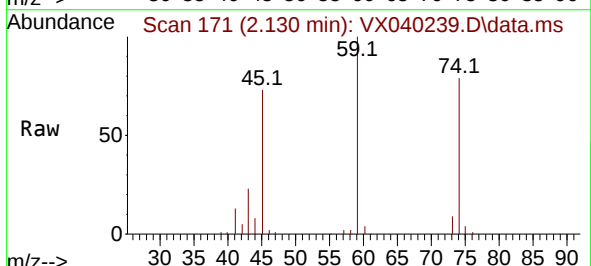
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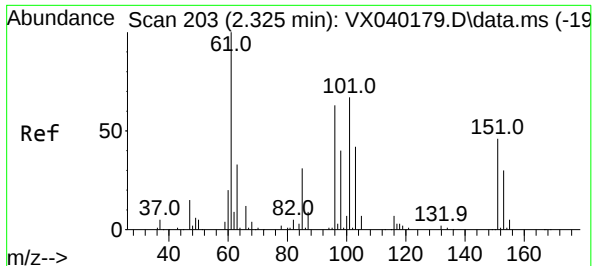
Reviewed By :John Carlone 02/15/2024
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#8
 Diethyl Ether
 Concen: 52.134 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040239.D
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Tgt Ion: 74 Resp: 28607
 Ion Ratio Lower Upper
 74 100
 45 95.7 53.3 159.8





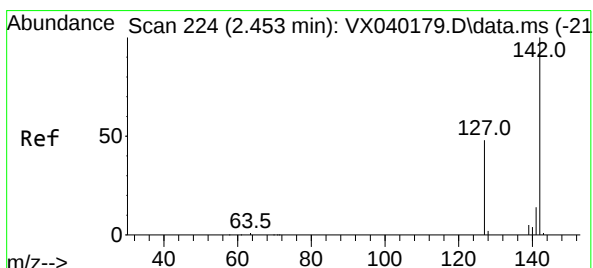
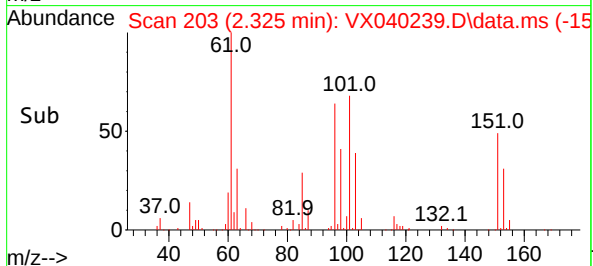
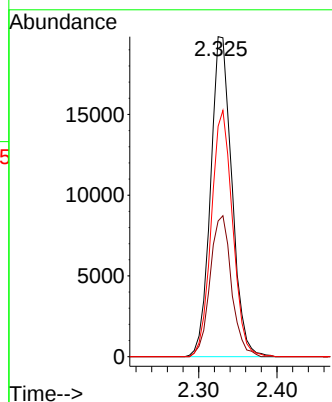
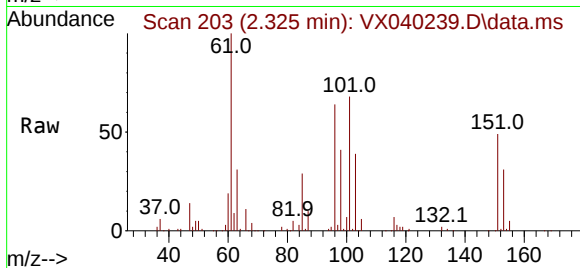
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.838 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3748
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 76.8 58.6 87.8

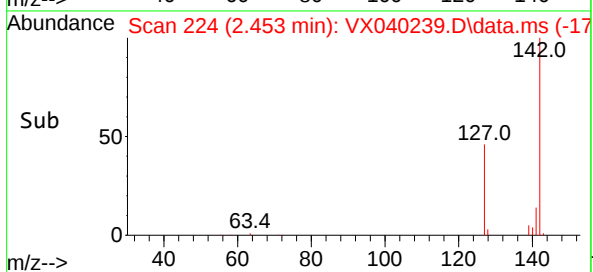
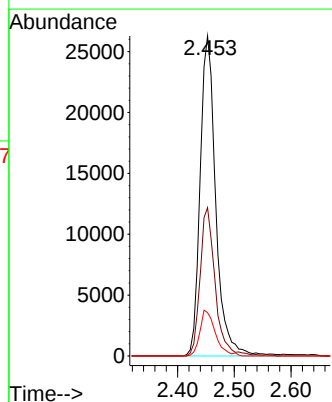
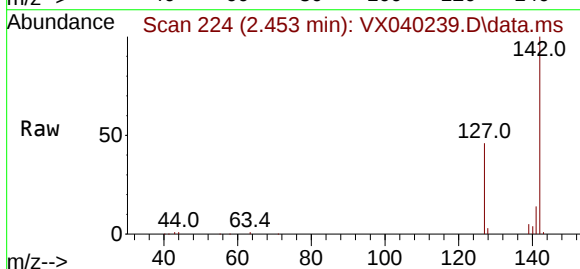
Manual Integrations
APPROVED

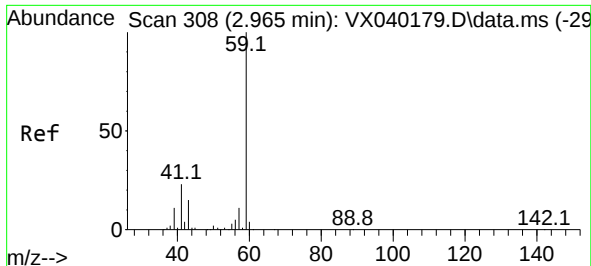
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#10
Methyl Iodide
Concen: 57.869 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:142 Resp: 50340
Ion Ratio Lower Upper
142 100
127 44.6 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 258.035 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5525

Ion Ratio Lower Upper

59 100

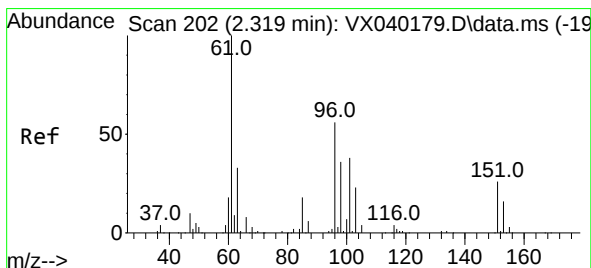
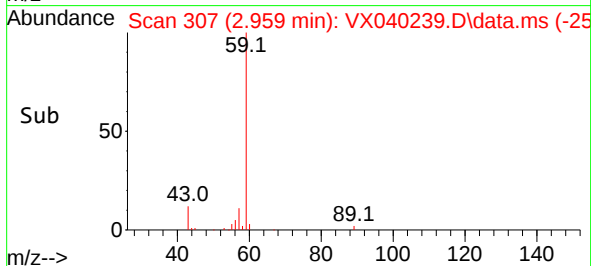
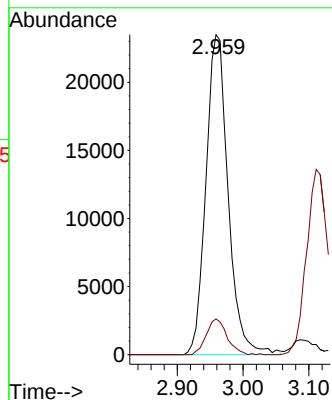
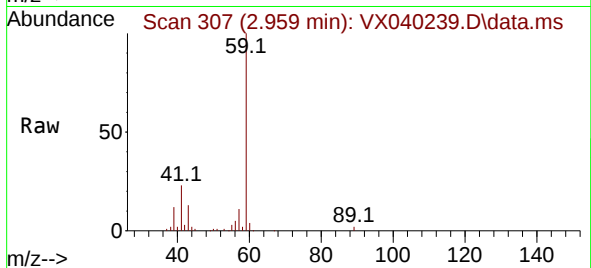
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#12

1,1-Dichloroethene

Concen: 48.980 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

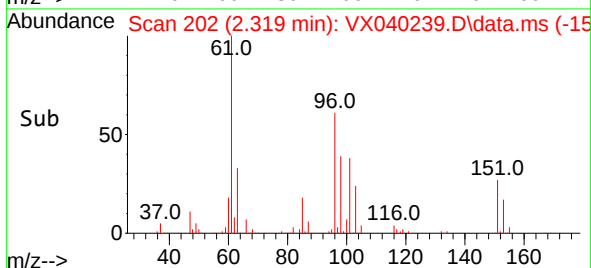
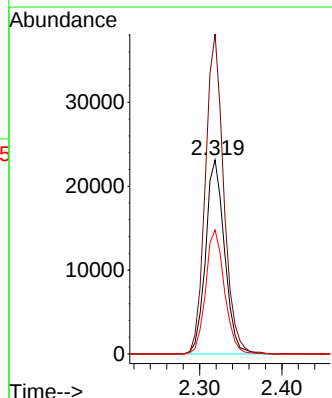
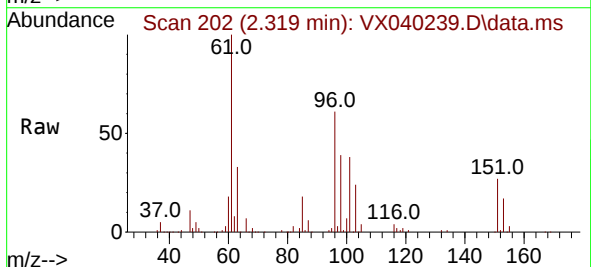
Tgt Ion: 96 Resp: 36951

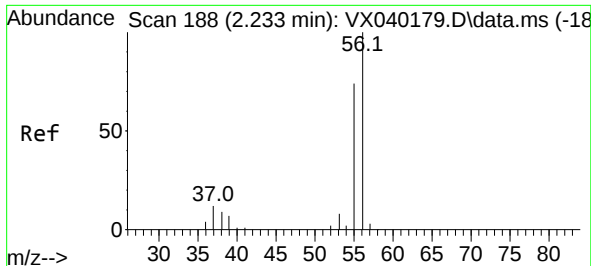
Ion Ratio Lower Upper

96 100

61 164.9 144.6 216.8

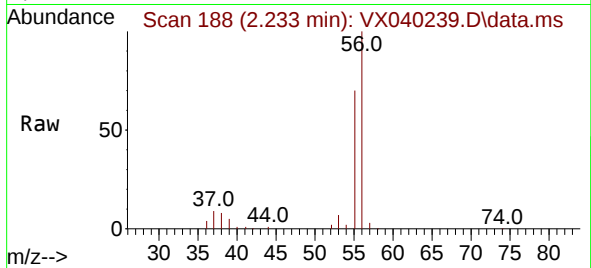
98 63.9 50.4 75.6





#13
Acrolein
Concen: 258.100 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

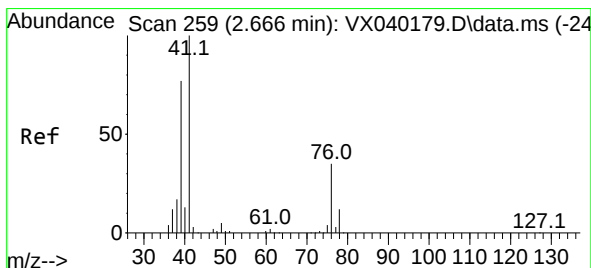
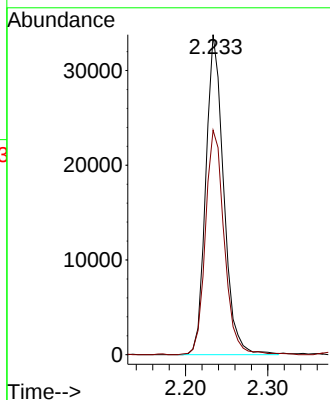
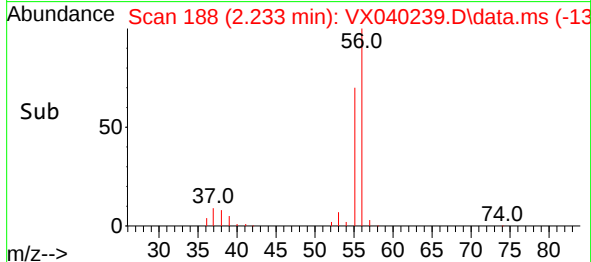
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5101
Ion Ratio Lower Upper
56 100
55 74.1 57.1 85.7

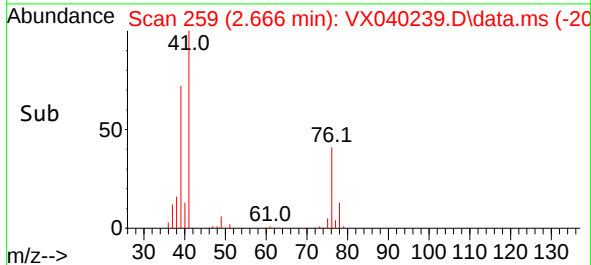
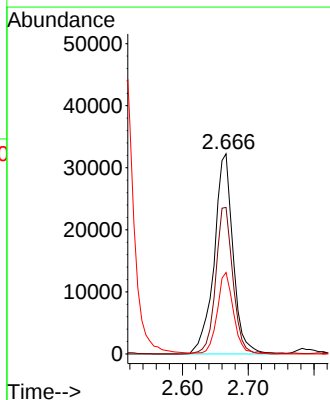
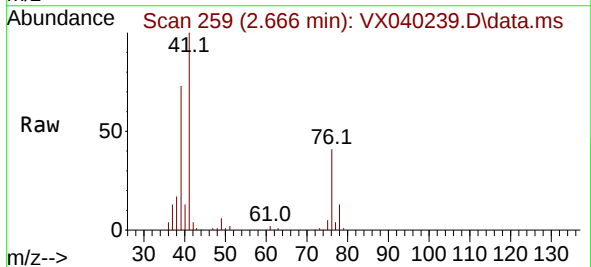
Manual Integrations
APPROVED

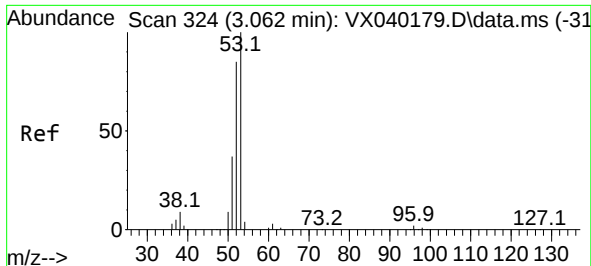
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#14
Allyl chloride
Concen: 49.352 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

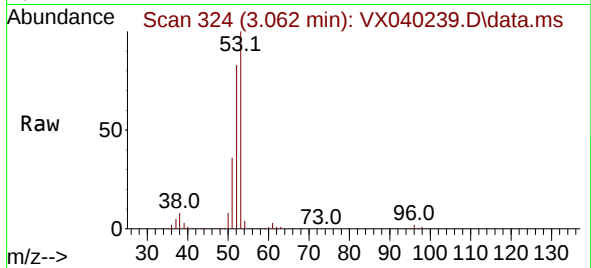
Tgt Ion: 41 Resp: 64612
Ion Ratio Lower Upper
41 100
39 66.8 55.8 83.6
76 34.9 24.3 36.5





#15
Acrylonitrile
Concen: 260.679 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

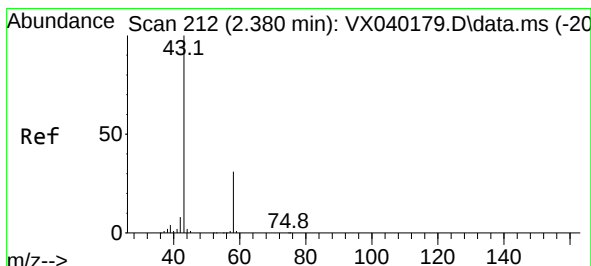
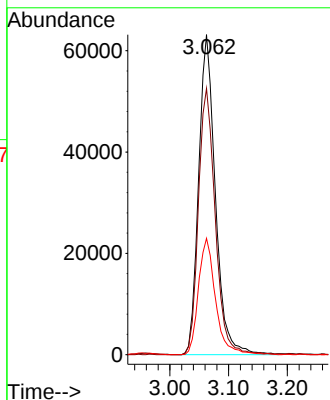
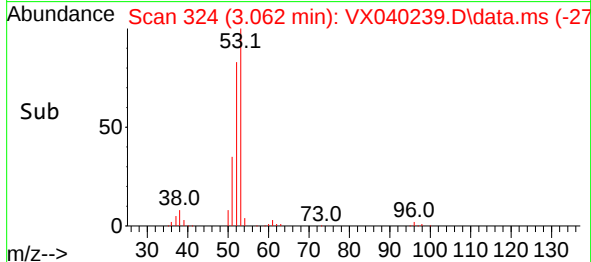
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 124892
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 37.2 29.8 44.6

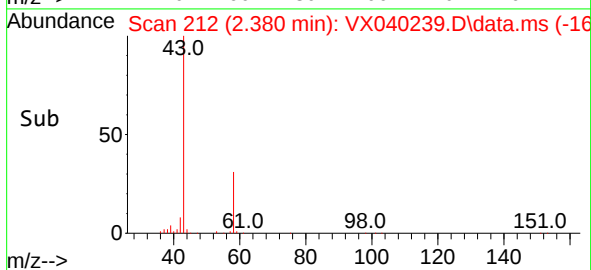
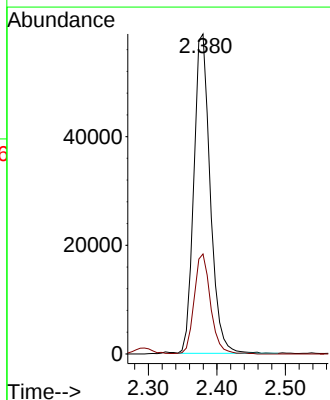
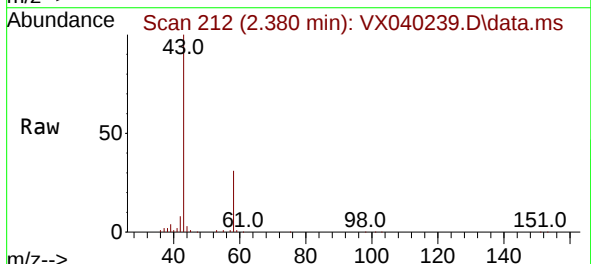
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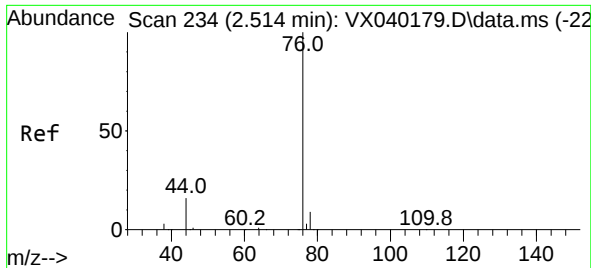
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#16
Acetone
Concen: 216.315 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 43 Resp: 97664
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





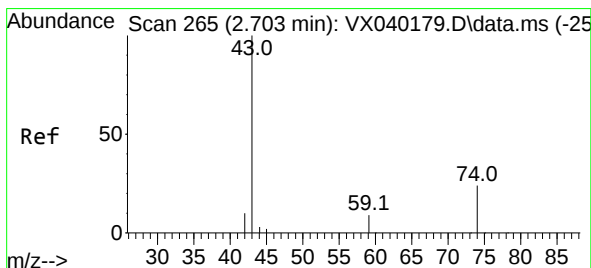
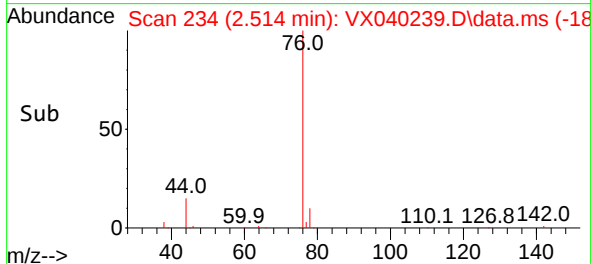
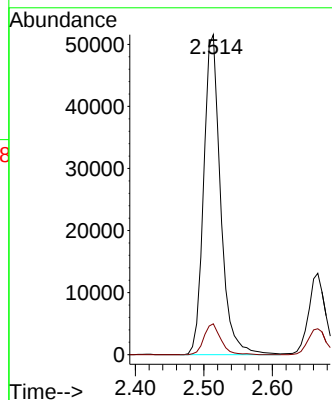
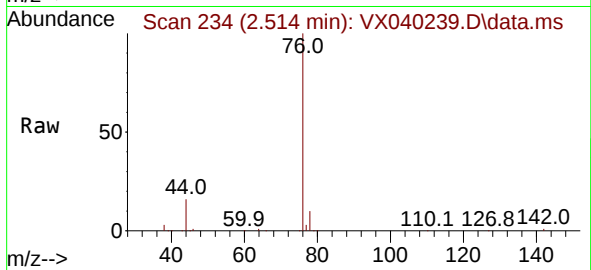
#17
Carbon Disulfide
Concen: 44.513 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 8865
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

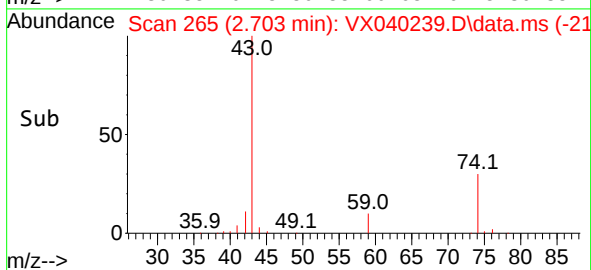
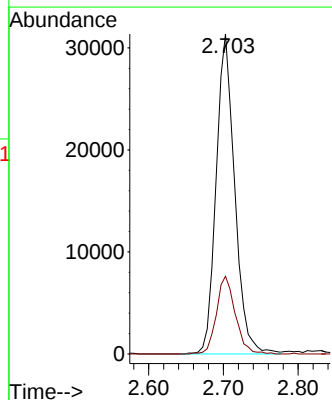
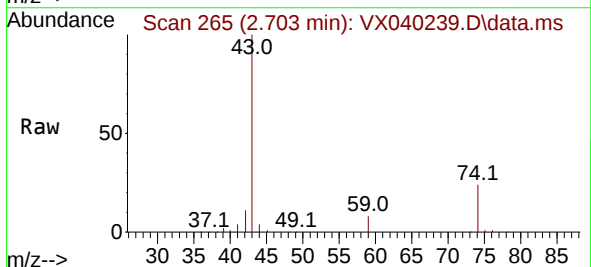
Manual Integrations
APPROVED

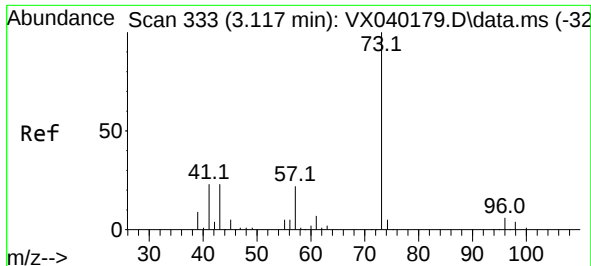
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#18
Methyl Acetate
Concen: 44.854 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 43 Resp: 54288
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





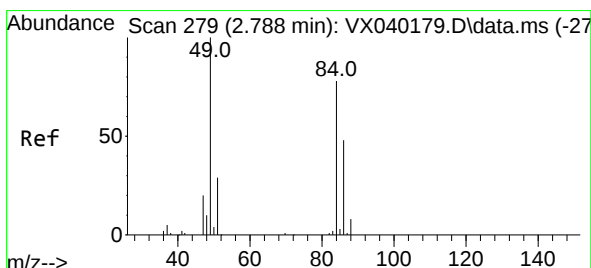
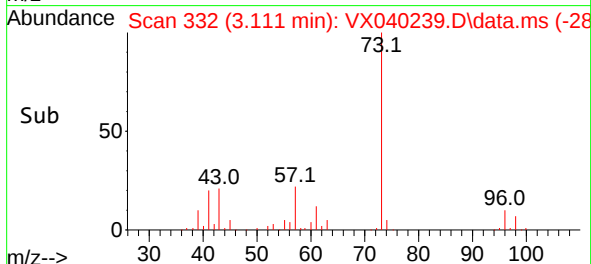
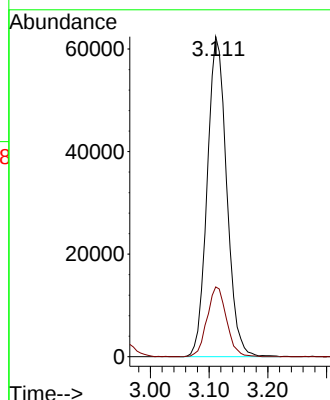
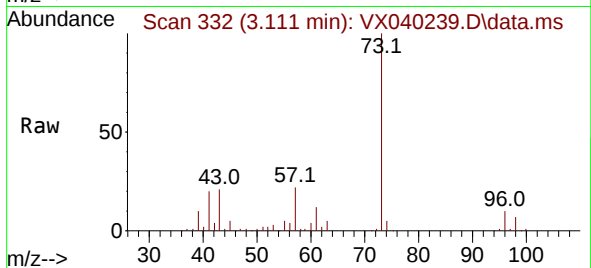
#19
Methyl tert-butyl Ether
Concen: 54.040 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 143629
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

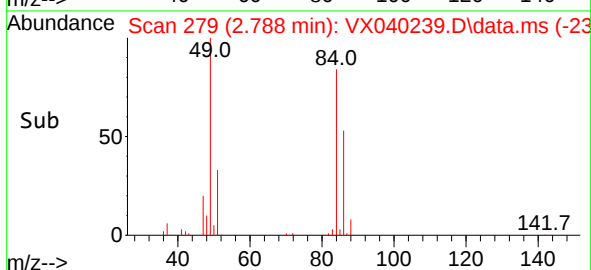
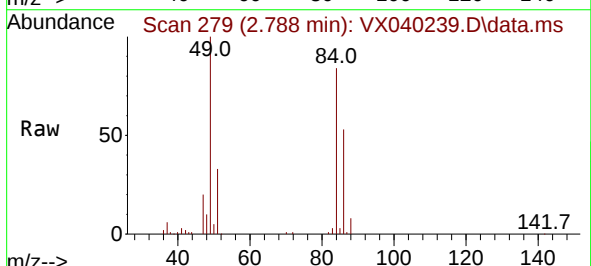
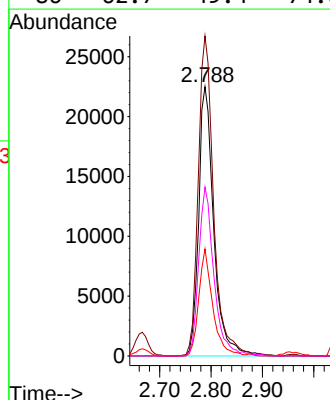
Manual Integrations
APPROVED

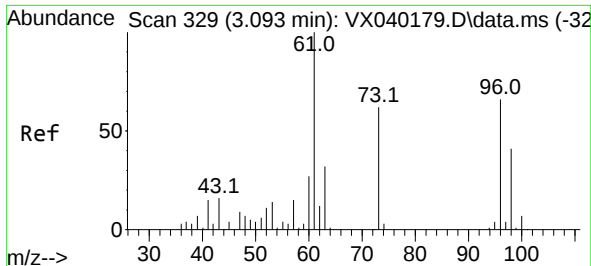
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#20
Methylene Chloride
Concen: 54.539 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

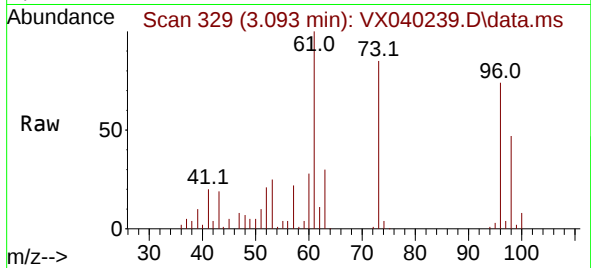
Tgt Ion: 84 Resp: 46039
Ion Ratio Lower Upper
84 100
49 118.8 103.6 155.4
51 39.8 33.8 50.6
86 62.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.744 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

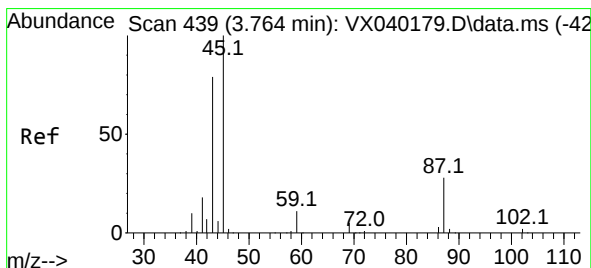
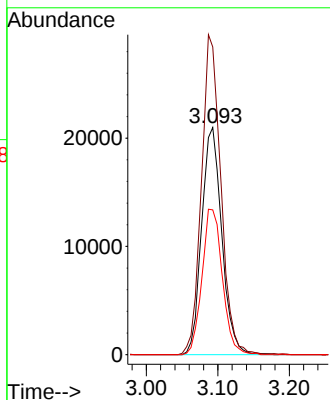
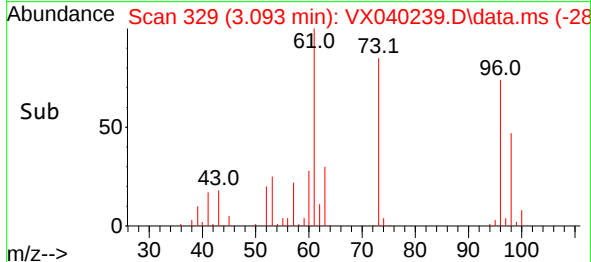
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



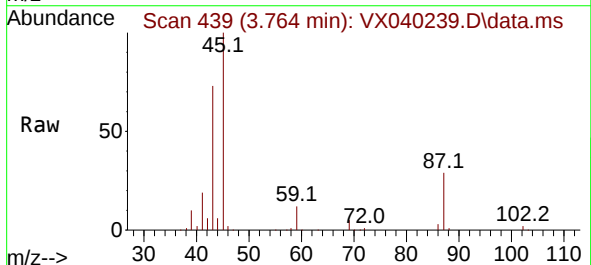
Tgt Ion: 96 Resp: 4102
Ion Ratio Lower Upper
96 100
61 135.5 119.2 178.8
98 63.7 48.7 73.1

Manual Integrations
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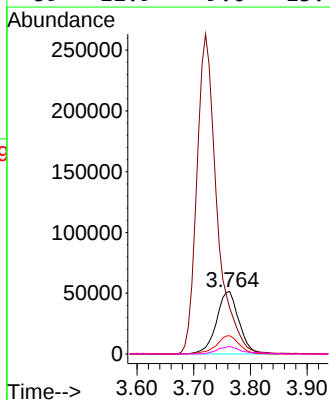
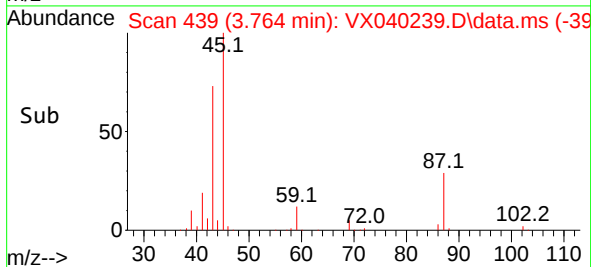
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

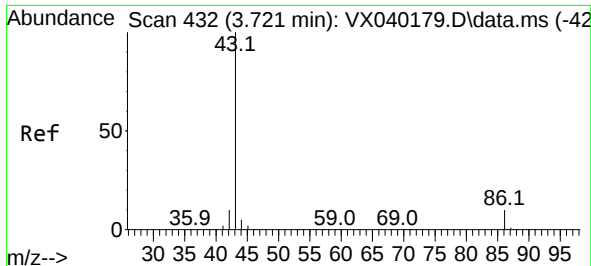


#22
Diisopropyl ether
Concen: 53.142 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



Tgt Ion: 45 Resp: 141100
Ion Ratio Lower Upper
45 100
43 73.2 69.7 104.5
87 29.3 20.8 31.2
59 11.9 9.0 13.4





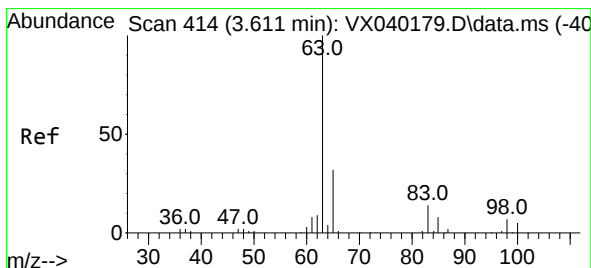
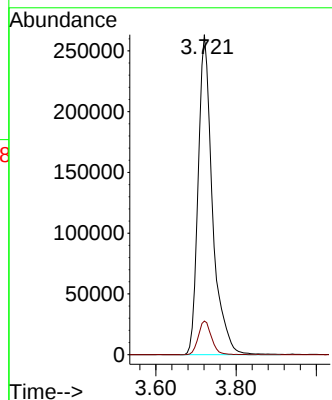
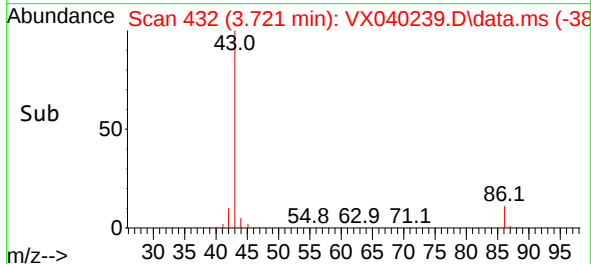
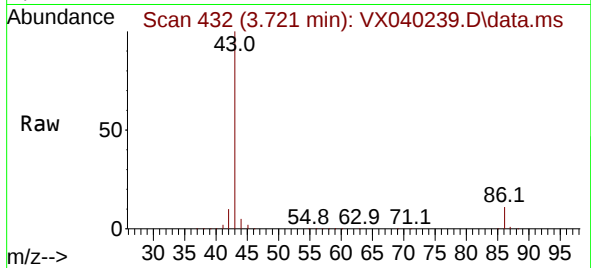
#23
Vinyl Acetate
Concen: 275.151 ug/l
RT: 3.721 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 65126
Ion Ratio Lower Upper
43 100
86 10.5 7.8 11.8

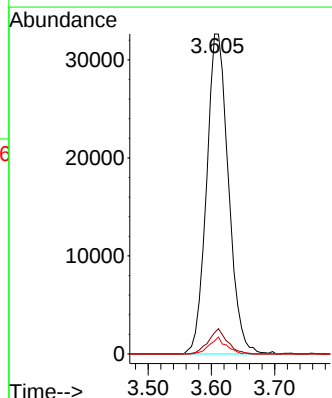
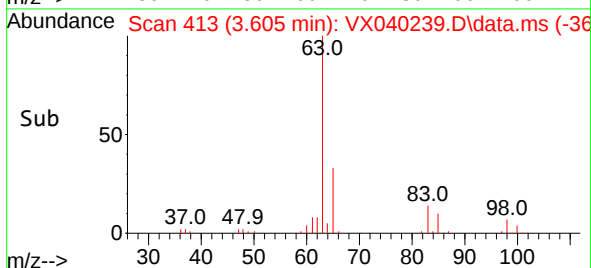
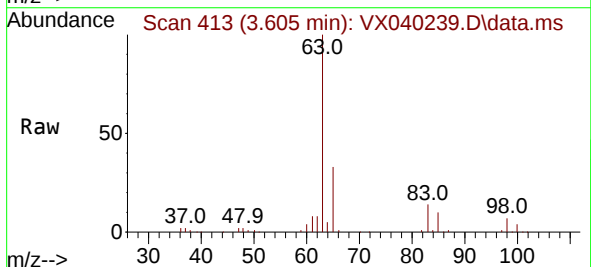
Manual Integrations
APPROVED

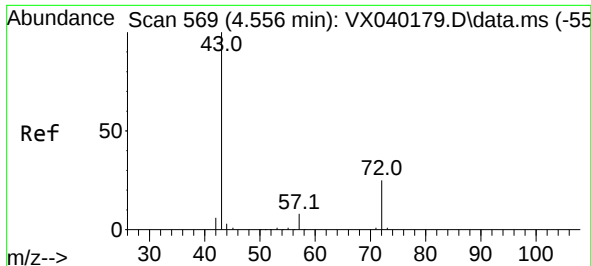
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#24
1,1-Dichloroethane
Concen: 50.744 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 63 Resp: 78482
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 4.0 2.1 6.5





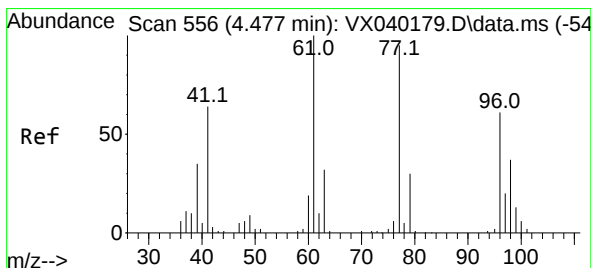
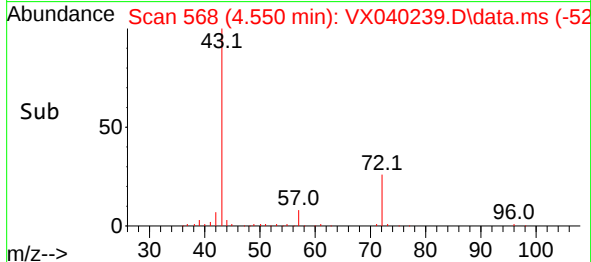
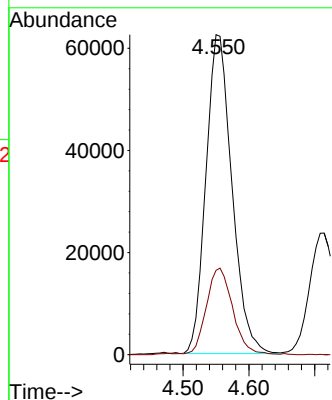
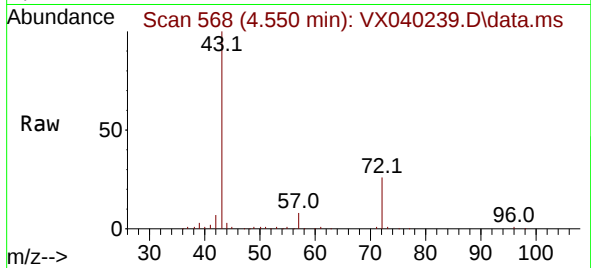
#25
2-Butanone
Concen: 243.316 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 171718
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

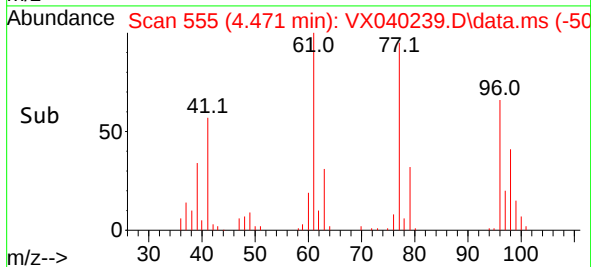
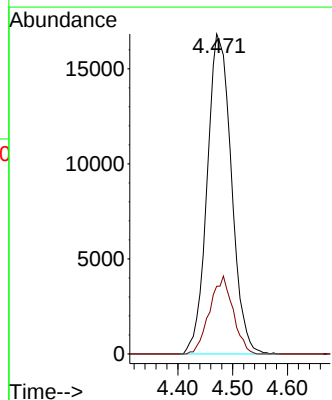
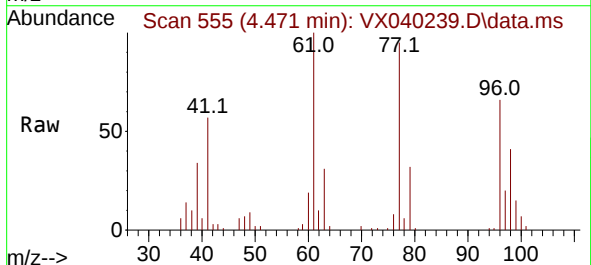
Manual Integrations
APPROVED

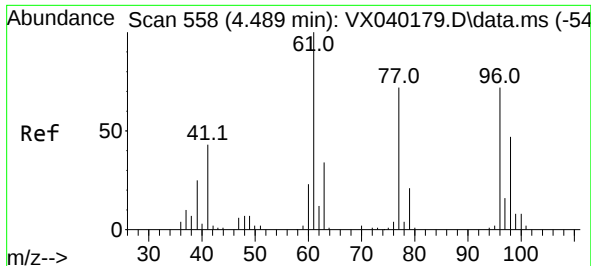
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#26
2,2-Dichloropropane
Concen: 43.352 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 77 Resp: 51614
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 49928

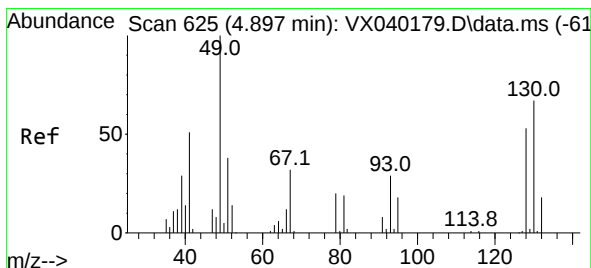
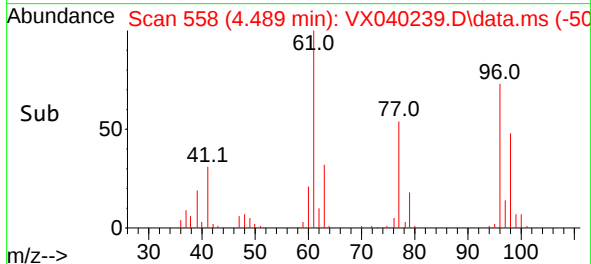
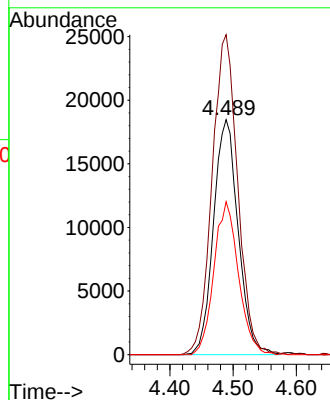
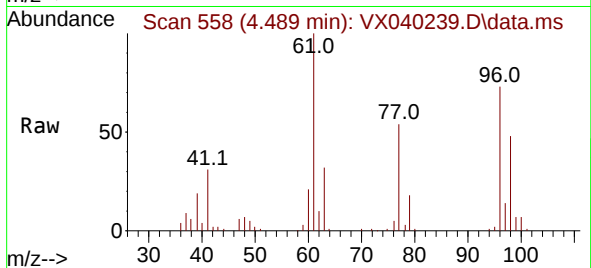
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	312.2
98	64.7	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#28

Bromochloromethane

Concen: 54.050 ug/l

RT: 4.891 min Scan# 624

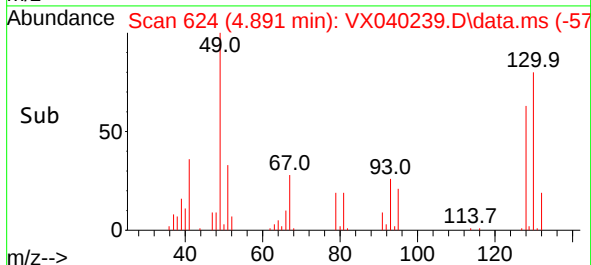
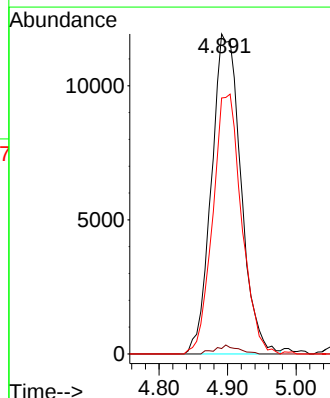
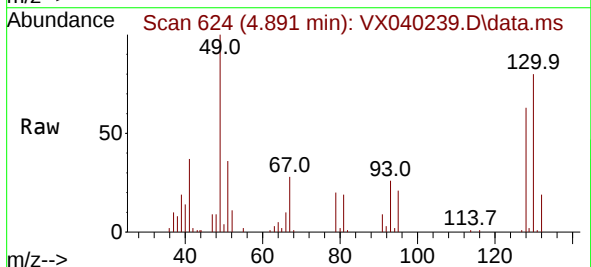
Delta R.T. -0.006 min

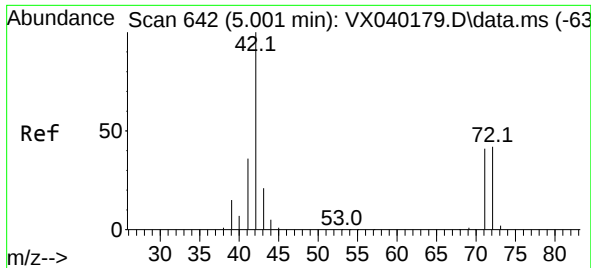
Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Tgt Ion: 49 Resp: 35492

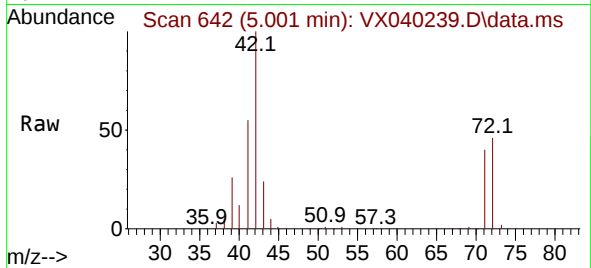
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	79.7	57.5	86.3





#29
Tetrahydrofuran
Concen: 253.597 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

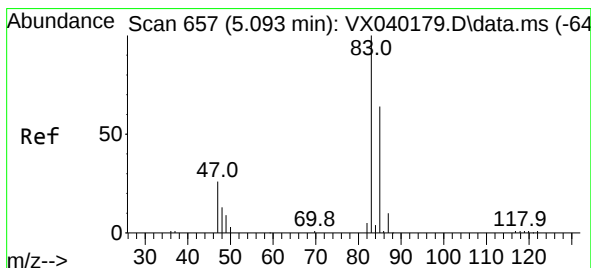
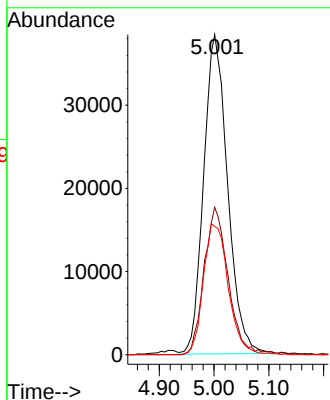
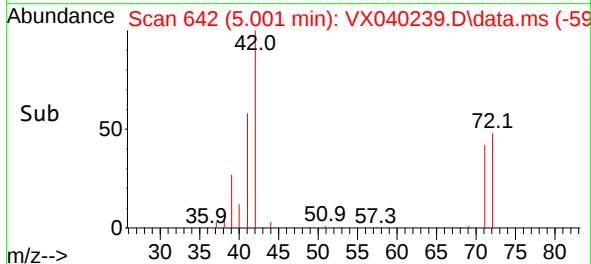
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



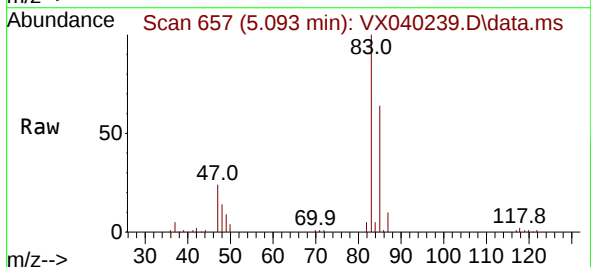
Tgt Ion: 42 Resp: 116600
Ion Ratio Lower Upper
42 100
72 46.5 34.2 51.4
71 42.5 32.2 48.2

Manual Integrations
APPROVED

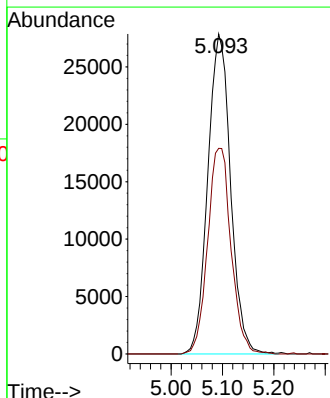
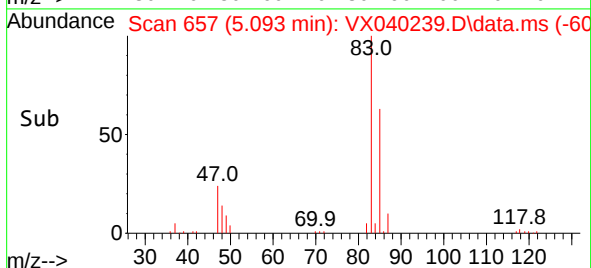
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

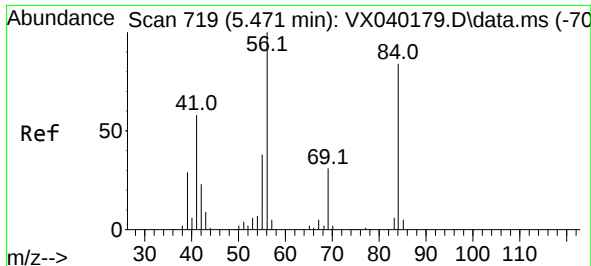


#30
Chloroform
Concen: 51.296 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



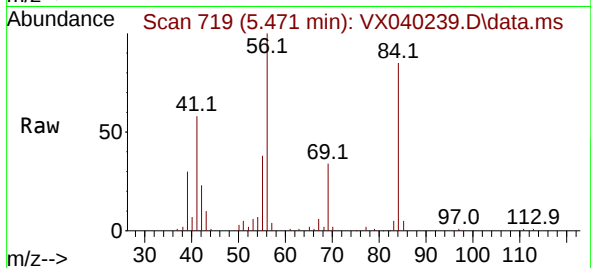
Tgt Ion: 83 Resp: 85776
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5





#31
Cyclohexane
Concen: 44.478 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

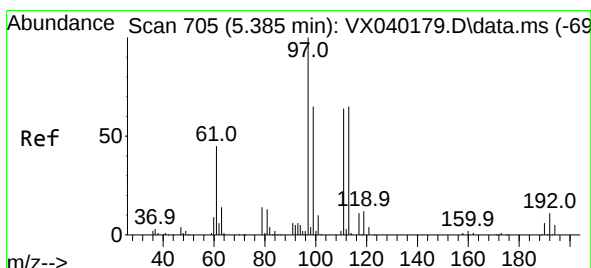
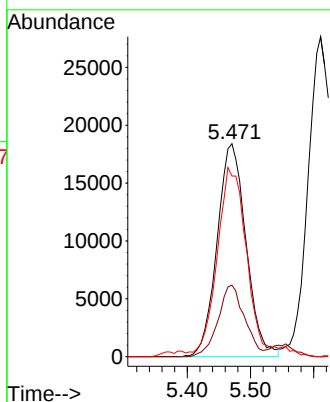
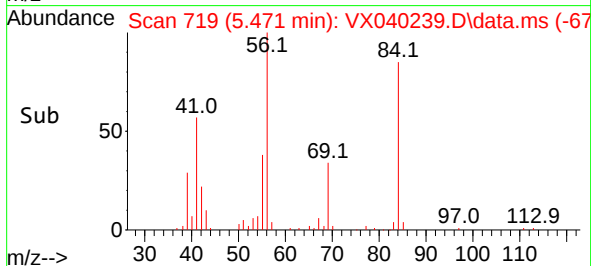
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 58320
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 82.2 65.9 98.9

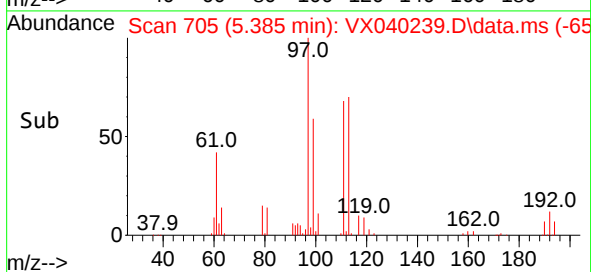
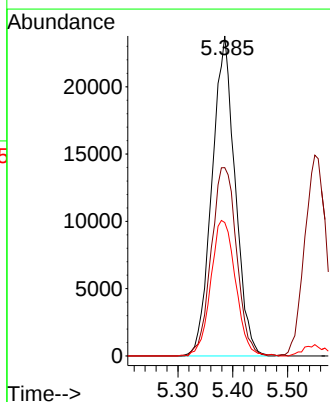
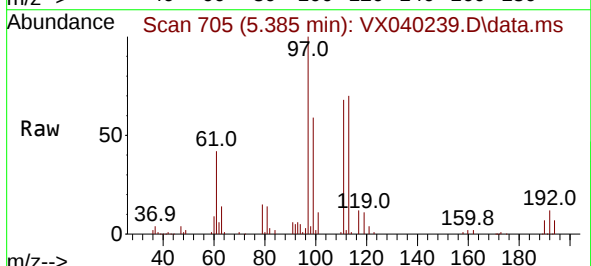
Manual Integrations
APPROVED

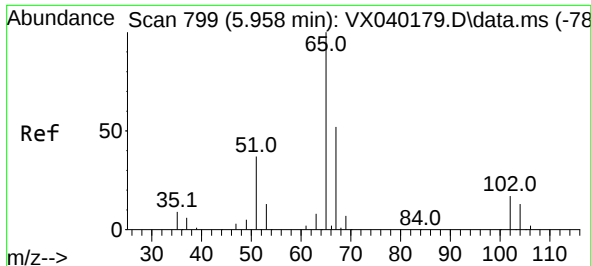
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#32
1,1,1-Trichloroethane
Concen: 49.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 97 Resp: 69764
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 45.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.368 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5756

Ion Ratio Lower Upper

65 100

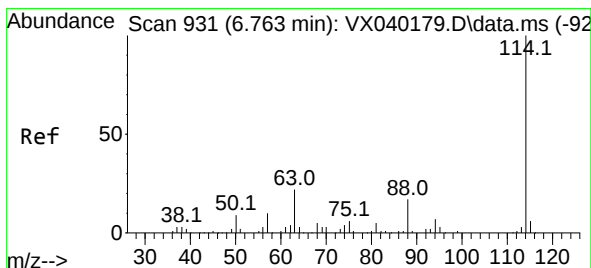
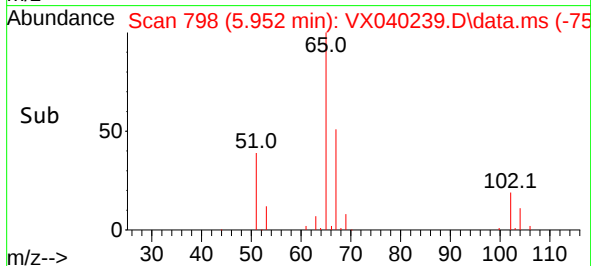
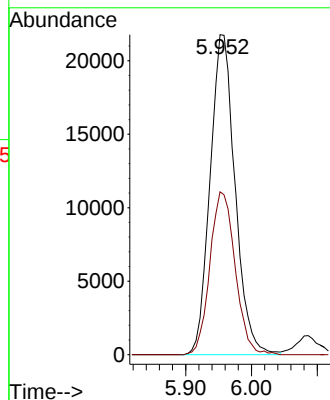
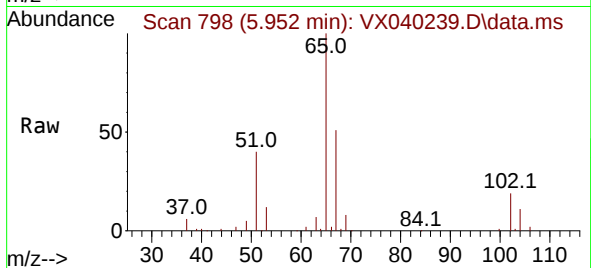
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

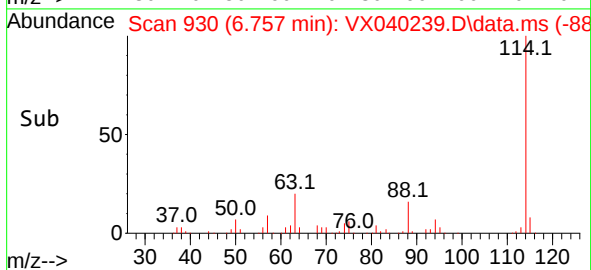
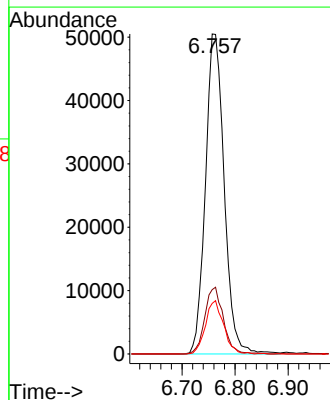
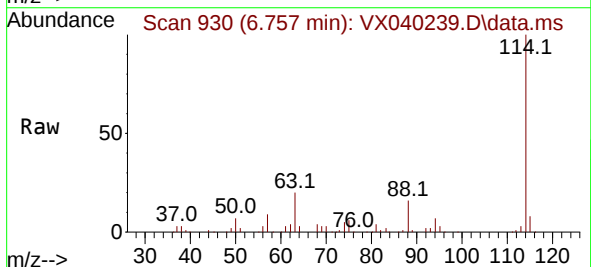
Tgt Ion:114 Resp: 124083

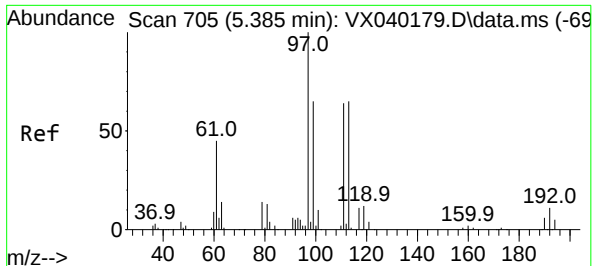
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

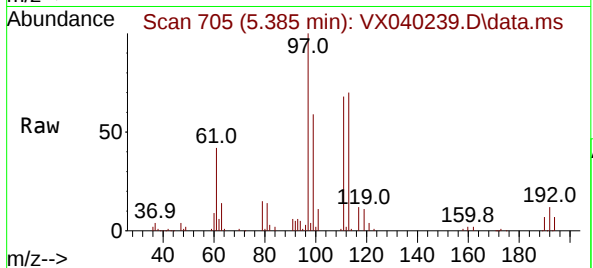
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

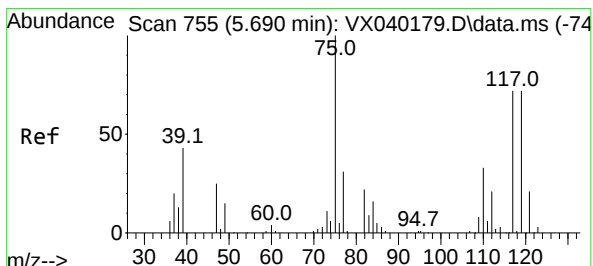
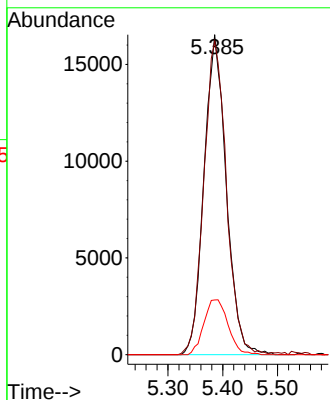
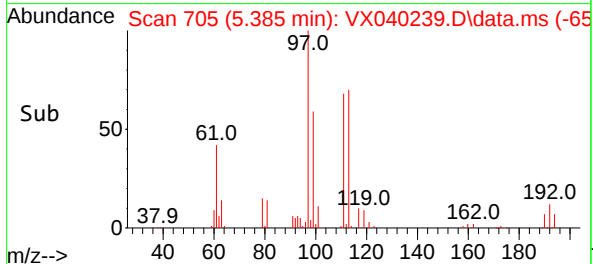
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 46540
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 18.7 13.3 19.9

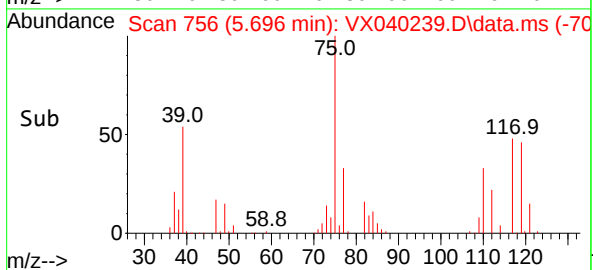
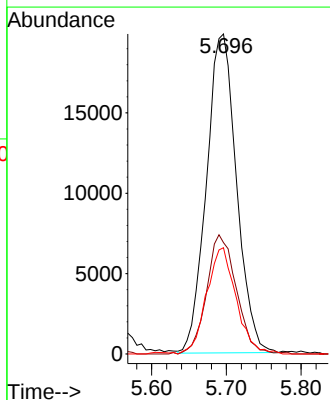
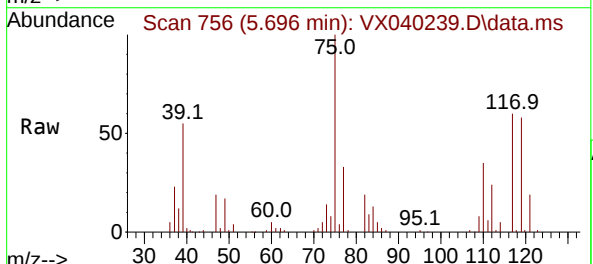
Manual Integrations
APPROVED

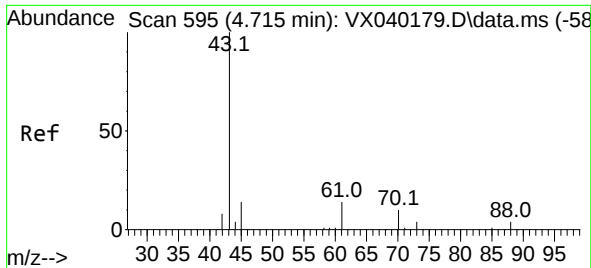
Reviewed By : John Carlone 02/15/2024
Supervised By : Mahesh Dadoda 02/15/2024



#36
1,1-Dichloropropene
Concen: 45.772 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

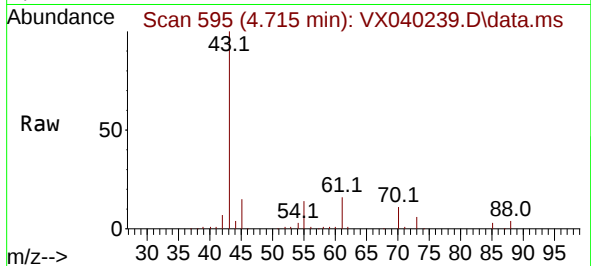
Tgt Ion: 75 Resp: 55561
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 32.7 24.7 37.1





#37
Ethyl Acetate
Concen: 50.988 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

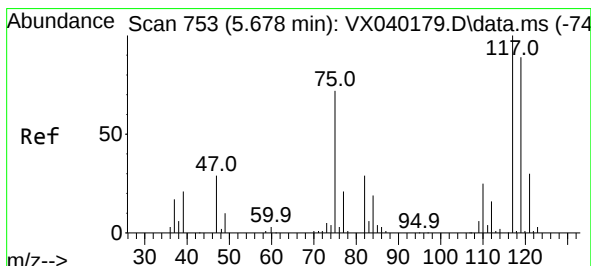
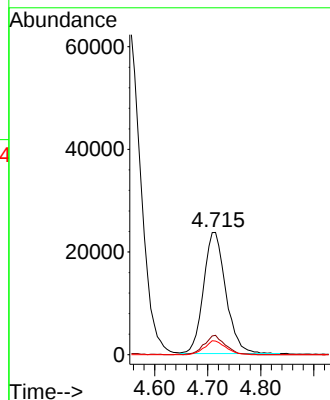
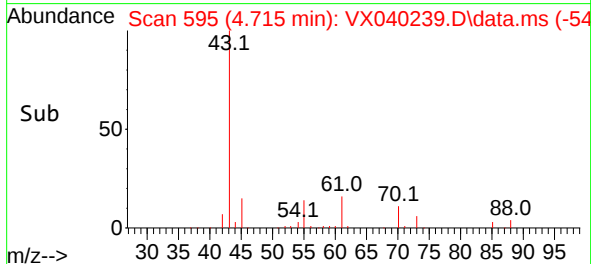
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



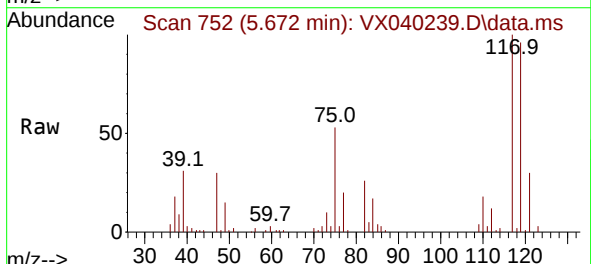
Tgt Ion: 43 Resp: 6886
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 10.9 8.3 12.5

Manual Integrations
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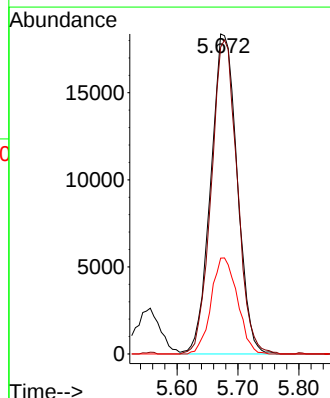
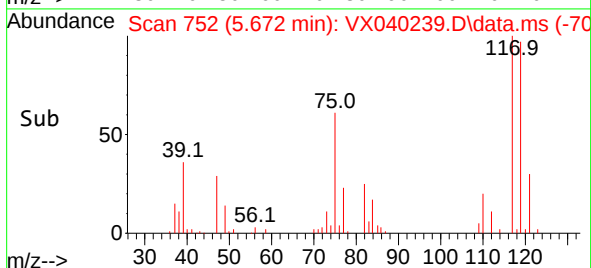
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

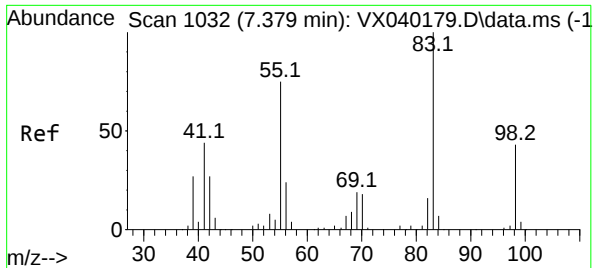


#38
Carbon Tetrachloride
Concen: 47.985 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



Tgt Ion:117 Resp: 55381
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.2
121 29.9 24.4 36.6





#39
Methylcyclohexane
Concen: 45.076 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

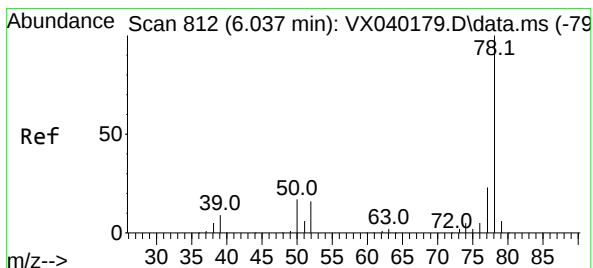
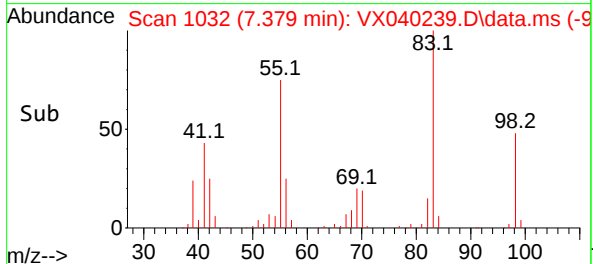
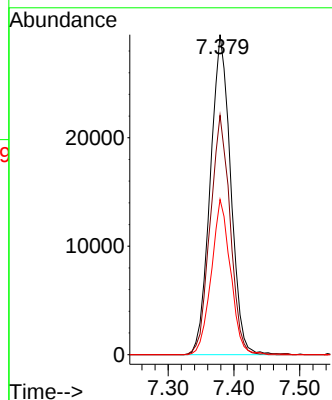
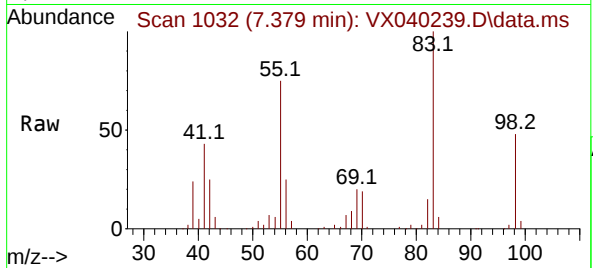
Tgt Ion: 83 Resp: 6358
Ion Ratio Lower Upper
83 100
55 74.8 64.6 97.0
98 48.5 36.7 55.1

Manual Integrations

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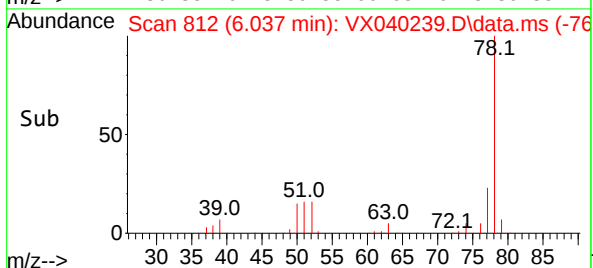
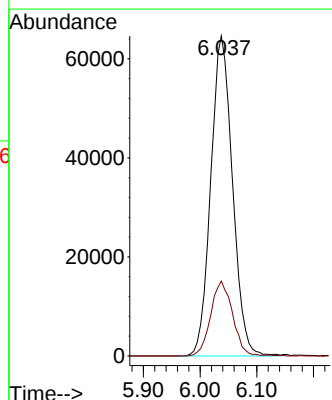
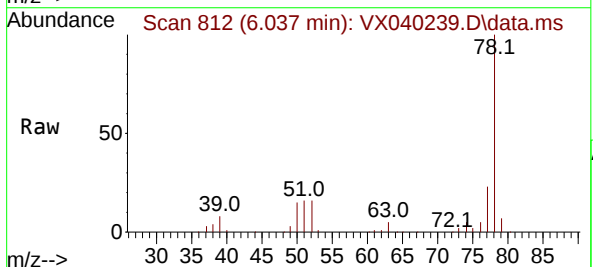
Reviewed By :John Carlone 02/15/2024

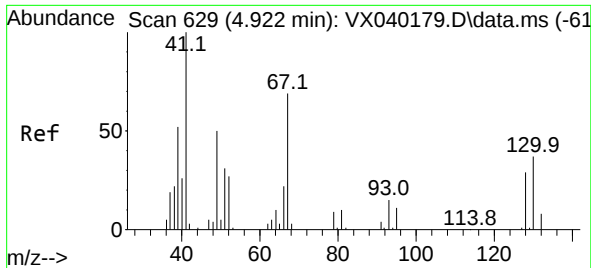
Supervised By :Mahesh Dadoda 02/15/2024



#40
Benzene
Concen: 50.630 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 78 Resp: 171865
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 52.979 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

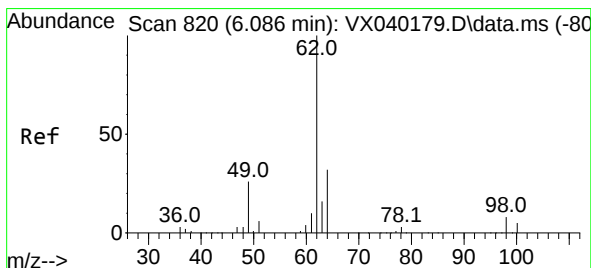
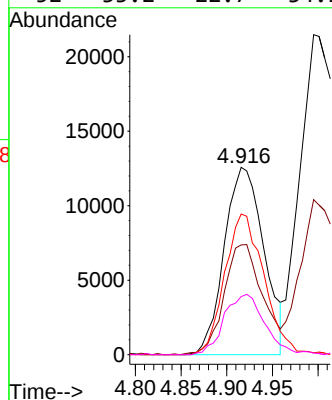
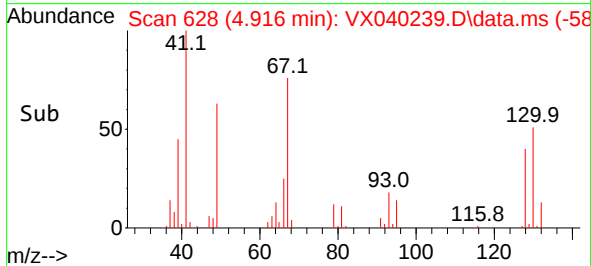
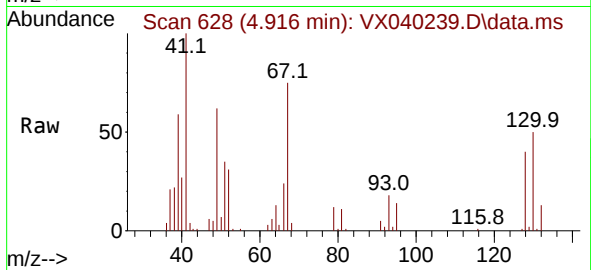
VSTDCCC050EC

Tgt Ion: 41 Resp: 37934
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 74.5 52.6 78.8
52 33.2 22.7 34.1

Manual Integrations

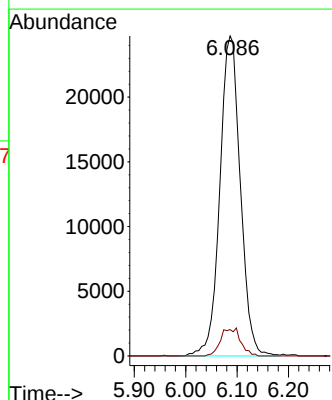
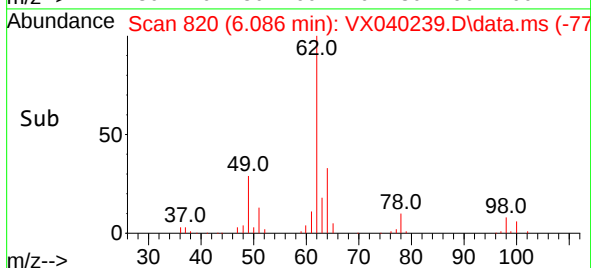
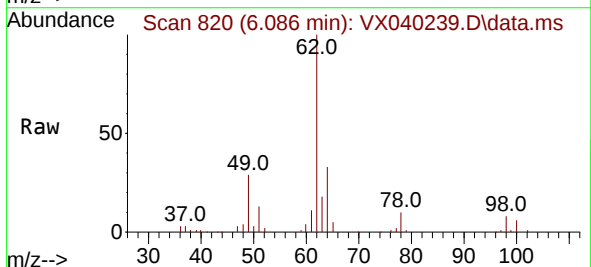
APPROVED

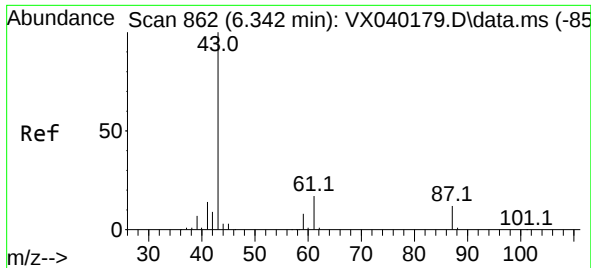
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#42
1,2-Dichloroethane
Concen: 51.615 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 62 Resp: 68483
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





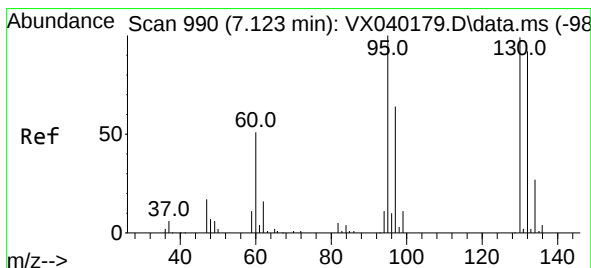
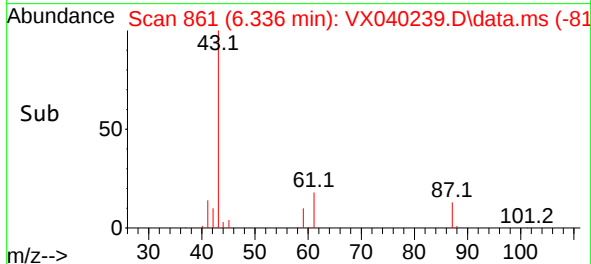
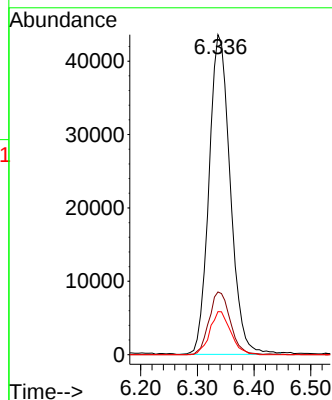
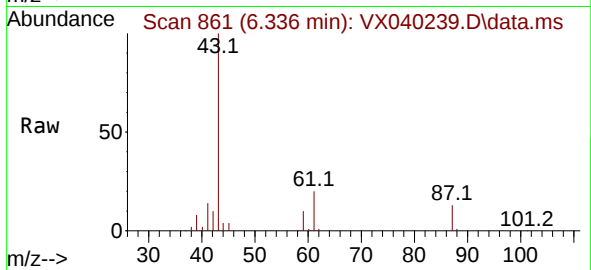
#43
Isopropyl Acetate
Concen: 53.839 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 11351
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.1 9.8 14.6

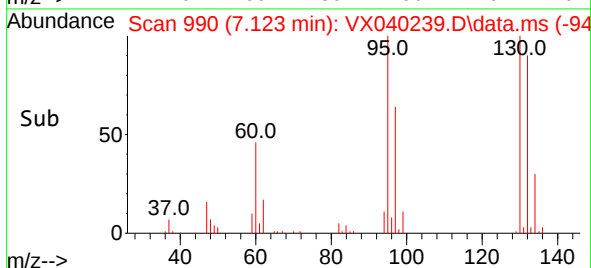
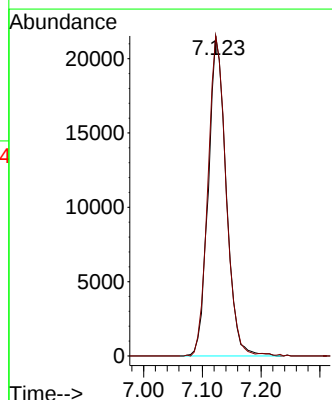
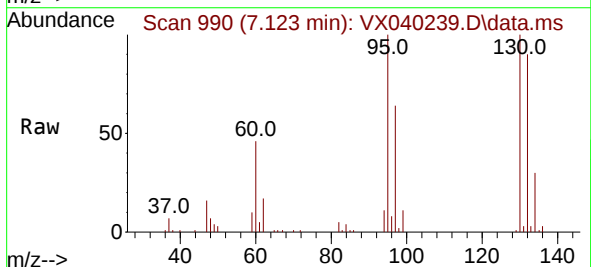
Manual Integrations
APPROVED

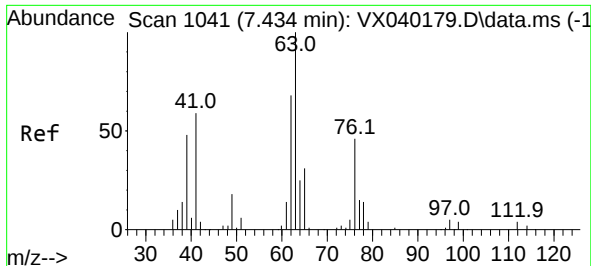
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#44
Trichloroethene
Concen: 48.587 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:130 Resp: 45494
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.977 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 47690

Ion Ratio Lower Upper

63 100

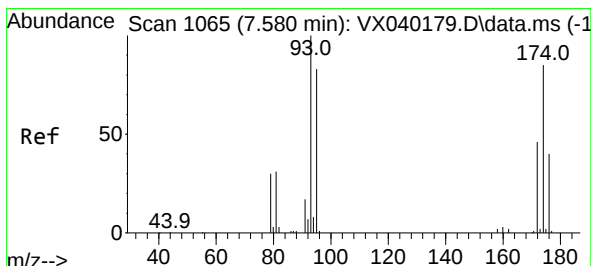
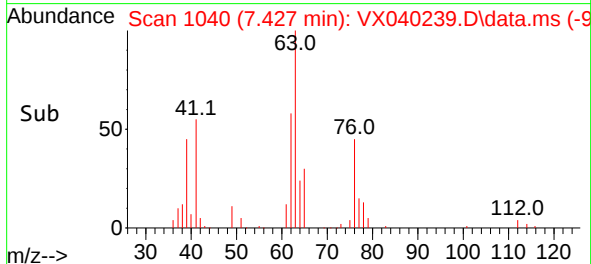
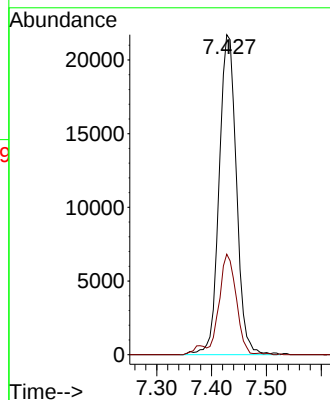
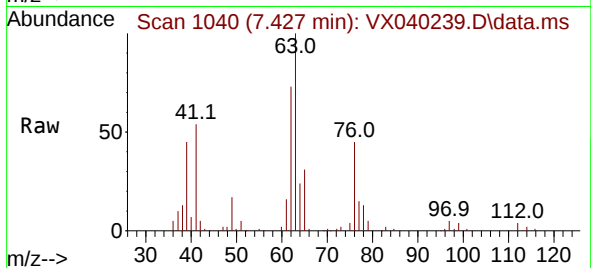
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#46

Dibromomethane

Concen: 54.379 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

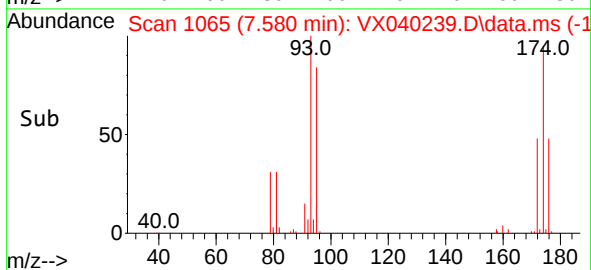
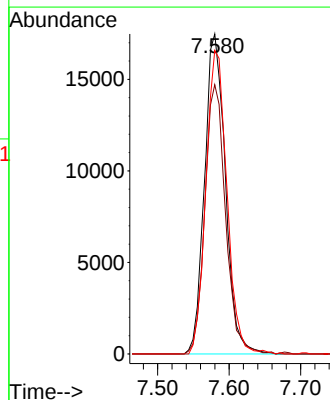
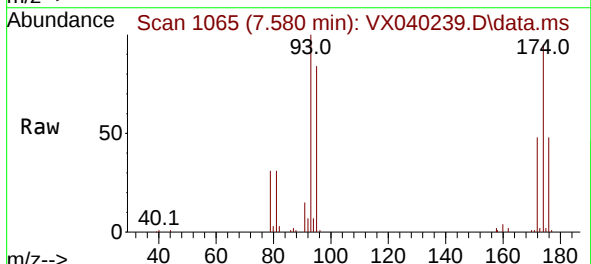
Tgt Ion: 93 Resp: 35385

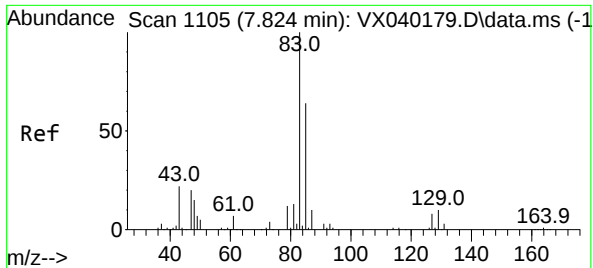
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 95.6 69.4 104.0





#47
Bromodichloromethane
Concen: 53.264 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

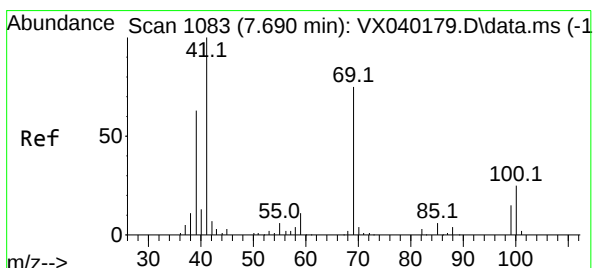
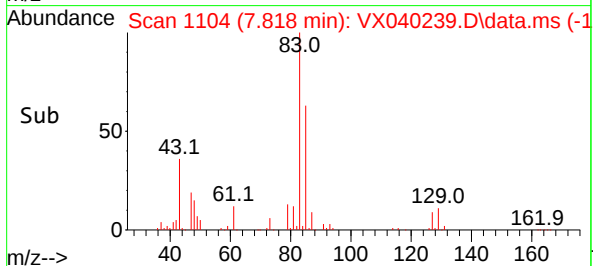
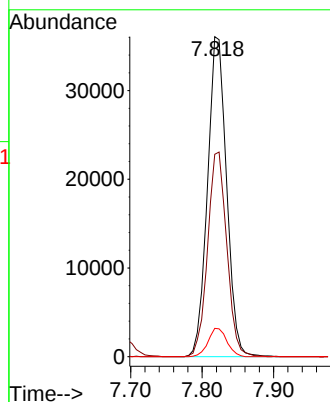
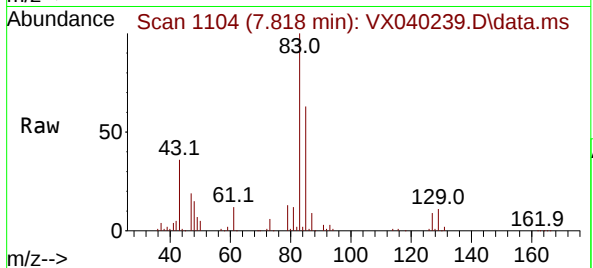
Tgt Ion: 83 Resp: 6678
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 8.8 7.1 10.7

Manual Integrations

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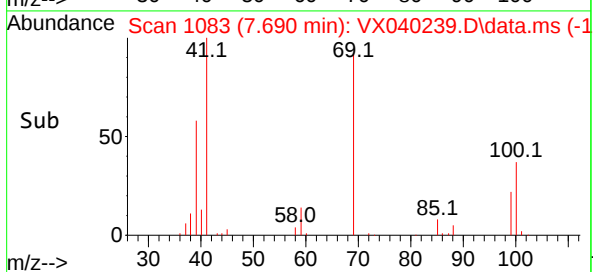
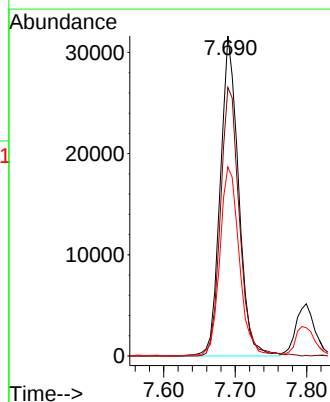
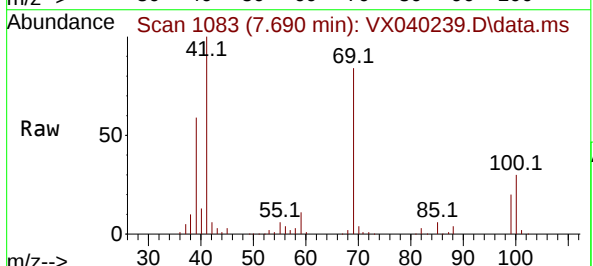
Reviewed By :John Carlone 02/15/2024

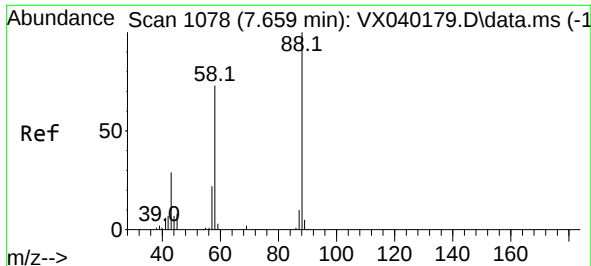
Supervised By :Mahesh Dadoda 02/15/2024



#48
Methyl methacrylate
Concen: 51.944 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

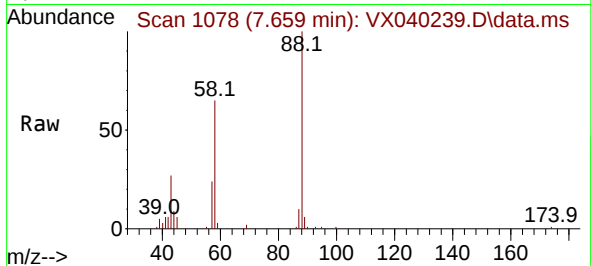
Tgt Ion: 41 Resp: 56040
Ion Ratio Lower Upper
41 100
69 86.9 59.2 88.8
39 63.4 47.7 71.5





#49
1,4-Dioxane
Concen: 986.191 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

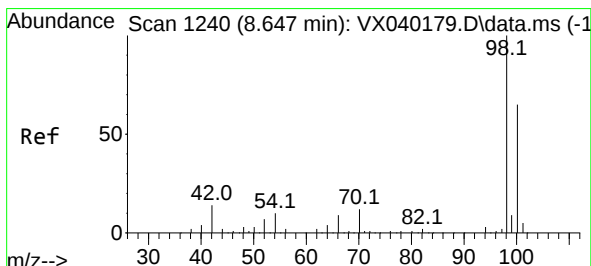
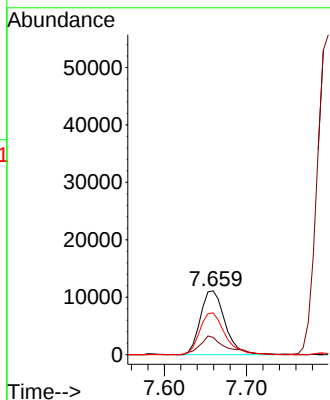
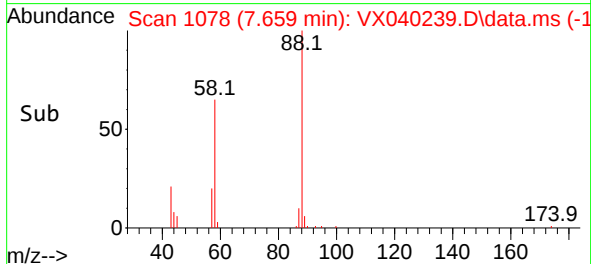
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 23140
Ion Ratio Lower Upper
88 100
43 31.2 0.0 0.0
58 67.2 60.1 90.1

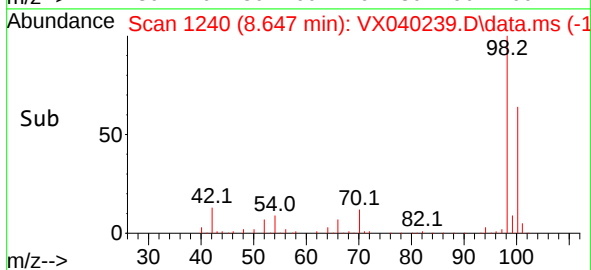
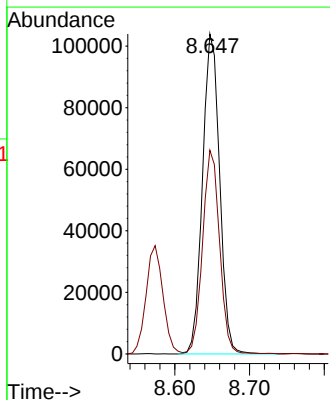
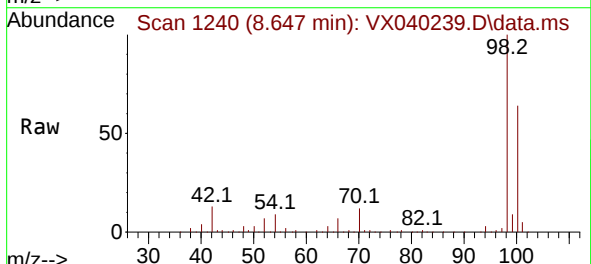
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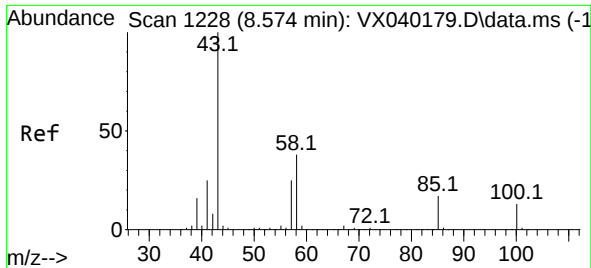
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#50
Toluene-d8
Concen: 50.963 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 98 Resp: 165194
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7





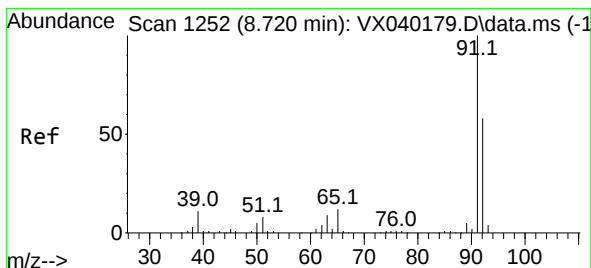
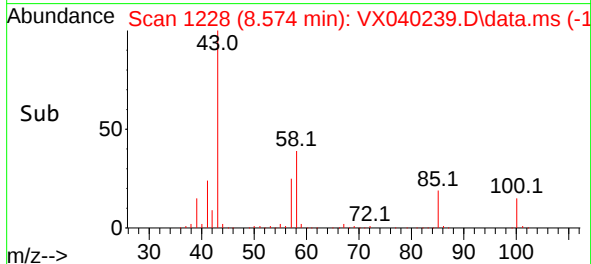
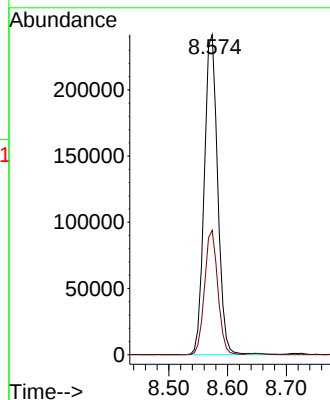
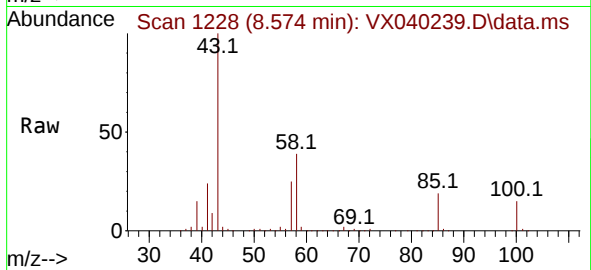
#51
4-Methyl-2-Pentanone
Concen: 266.946 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 384270
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

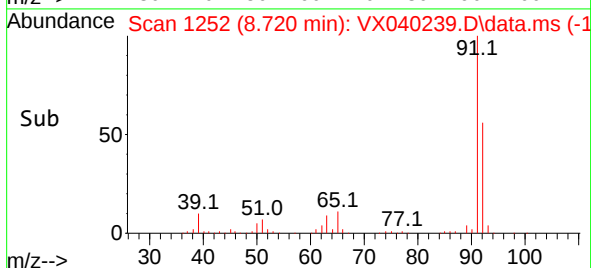
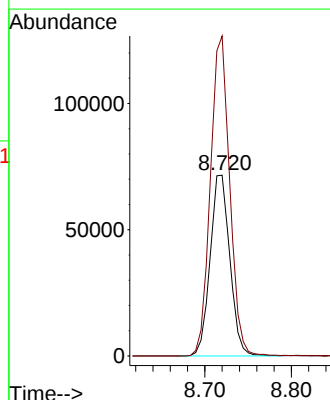
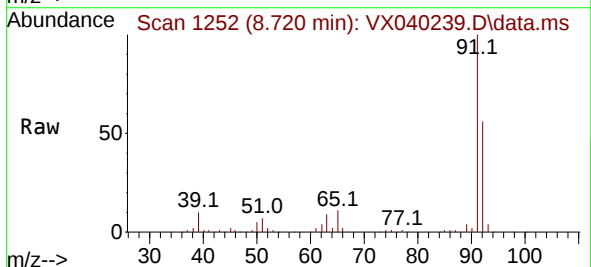
Manual Integrations
APPROVED

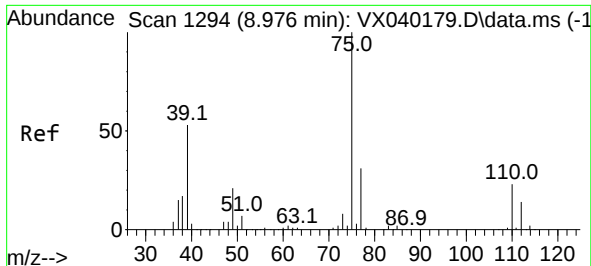
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#52
Toluene
Concen: 50.883 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 92 Resp: 113136
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.986 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 69980

Ion Ratio Lower Upper

75 100

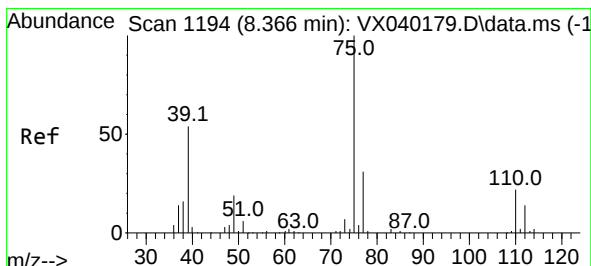
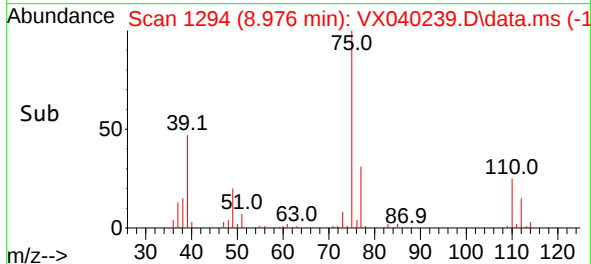
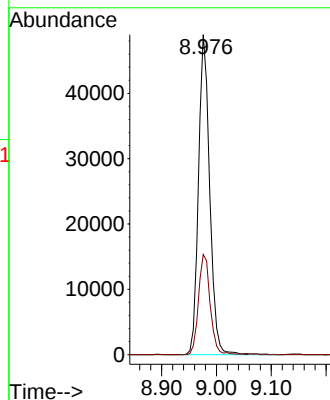
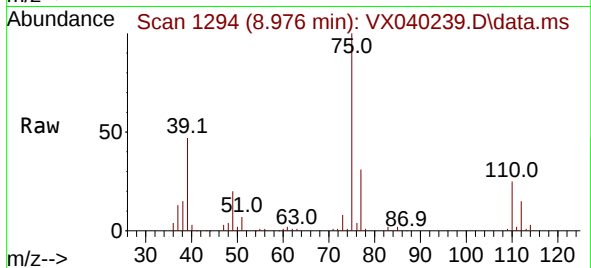
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#54

cis-1,3-Dichloropropene

Concen: 52.519 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

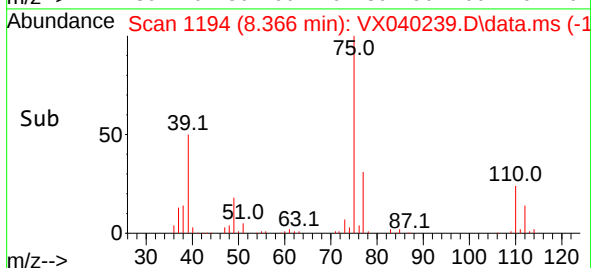
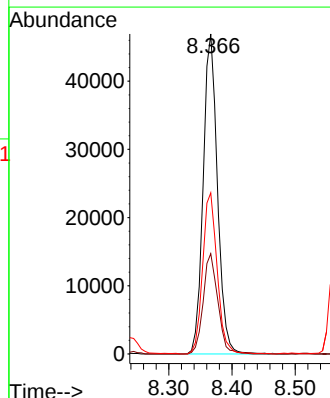
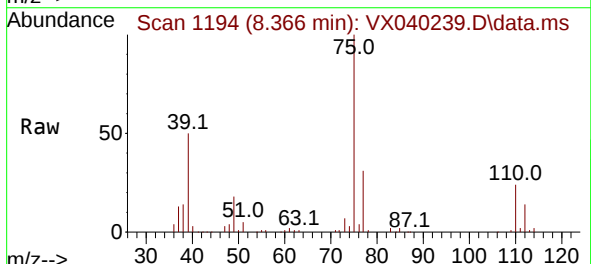
Tgt Ion: 75 Resp: 73798

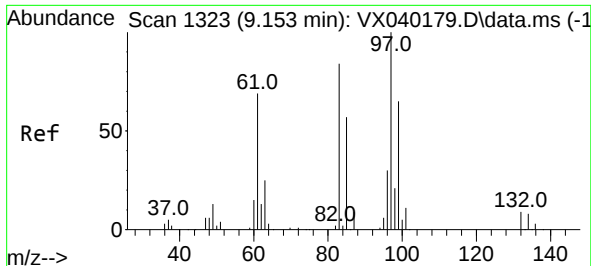
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

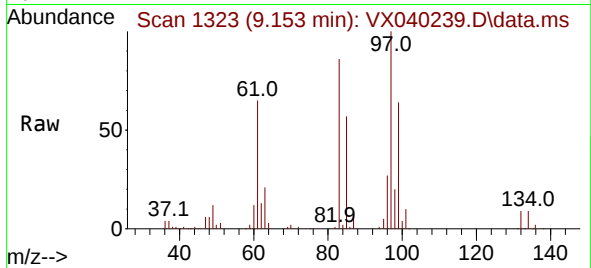
39 50.3 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.135 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

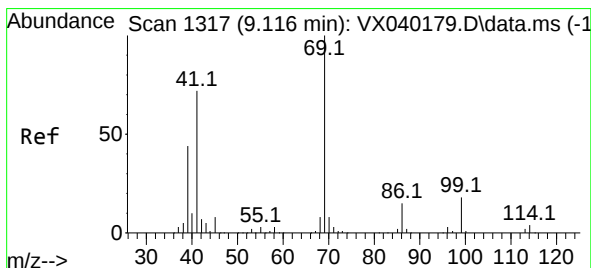
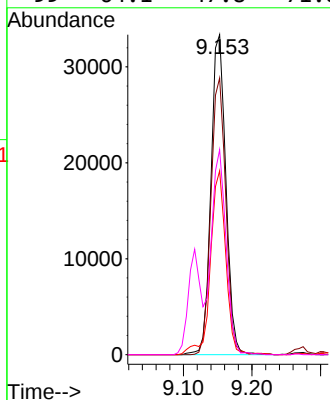
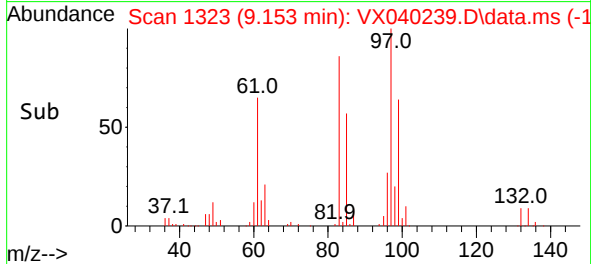


Tgt Ion: 97 Resp: 50389

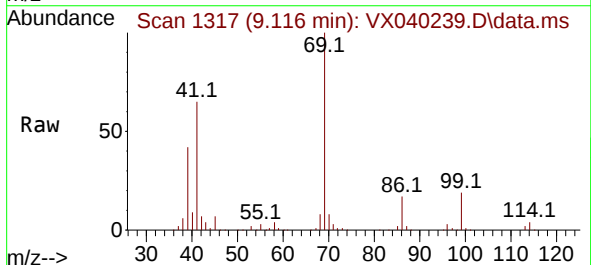
Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.8	98.8
85	57.4	41.6	62.4
99	64.1	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

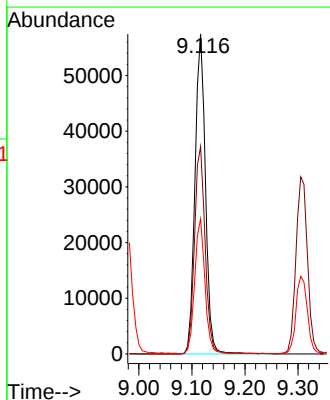
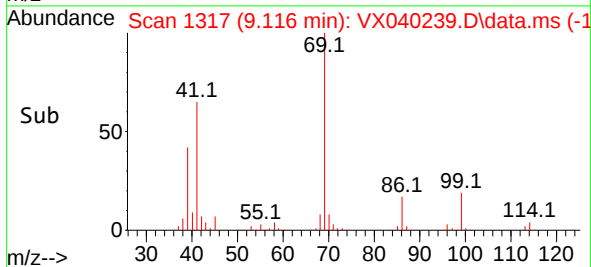


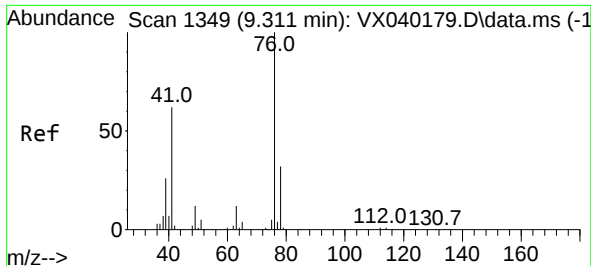
#56
Ethyl methacrylate
Concen: 55.538 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



Tgt Ion: 69 Resp: 78847

Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.8	85.2
39	41.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.467 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8276

Ion Ratio Lower Upper

76 100

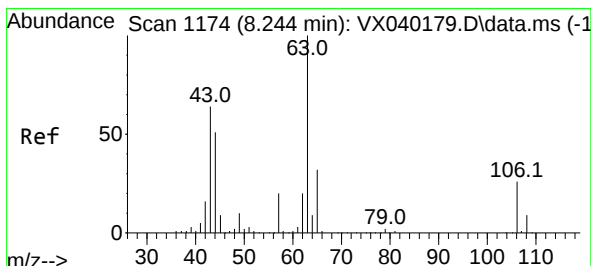
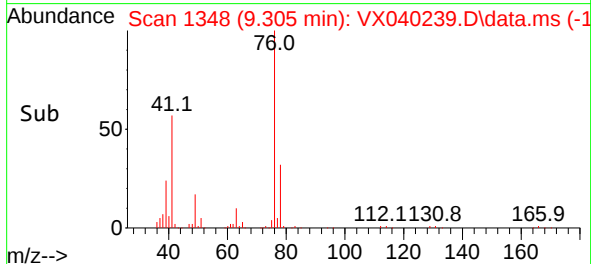
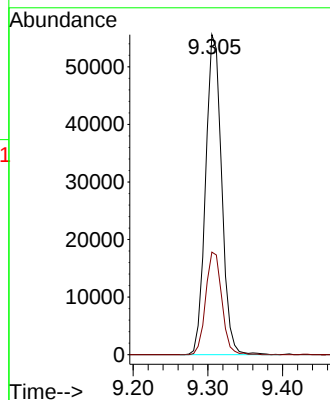
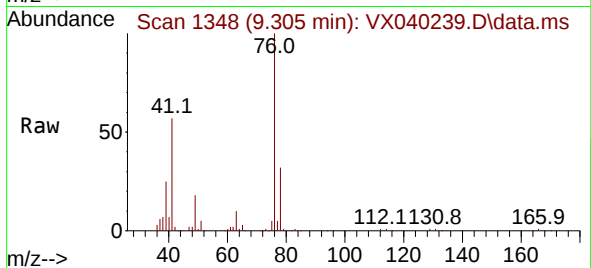
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 264.580 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040239.D

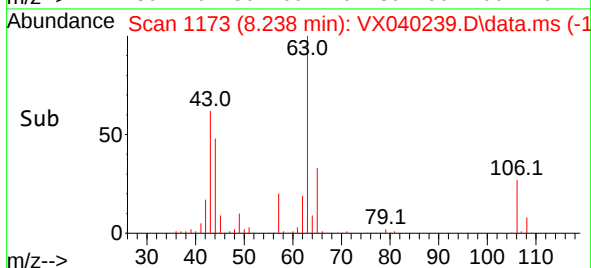
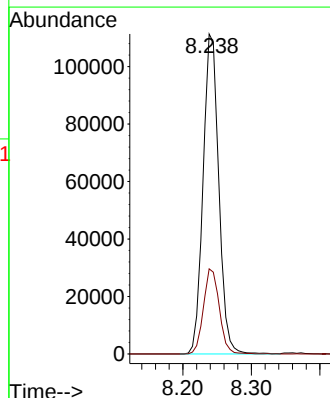
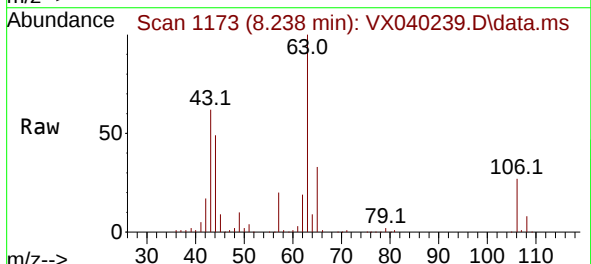
Acq: 14 Feb 2024 22:25

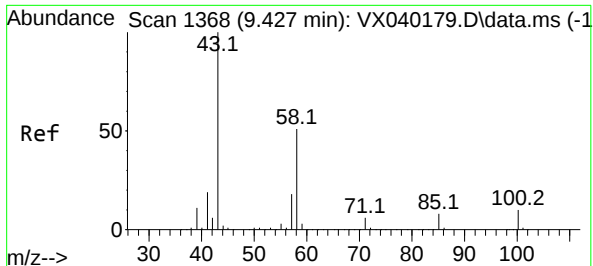
Tgt Ion: 63 Resp: 177691

Ion Ratio Lower Upper

63 100

106 26.8 22.5 33.7





#59

2-Hexanone

Concen: 260.053 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 296800

Ion Ratio Lower Upper

43 100

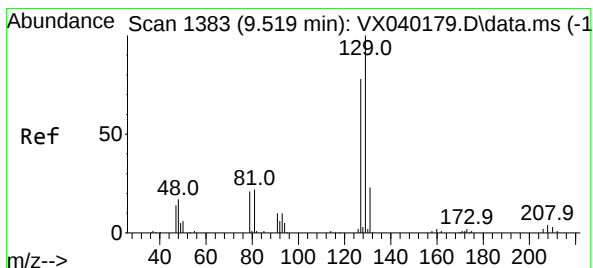
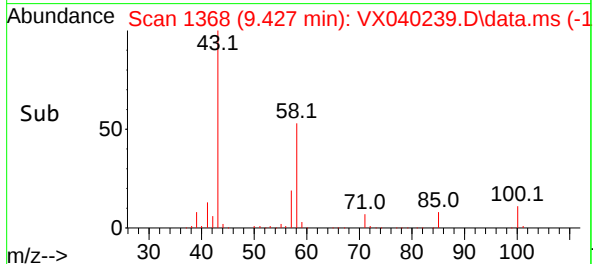
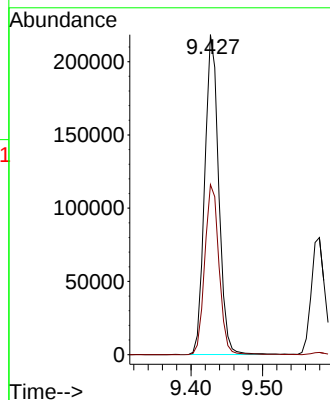
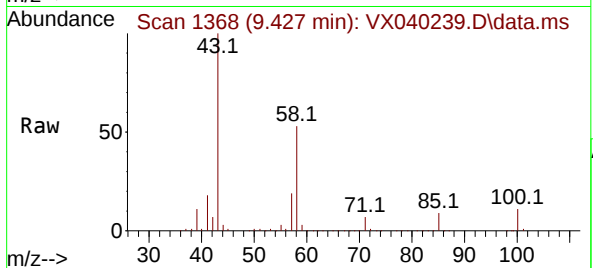
58 54.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#60

Dibromochloromethane

Concen: 54.679 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040239.D

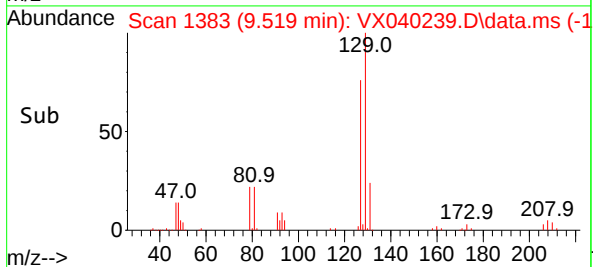
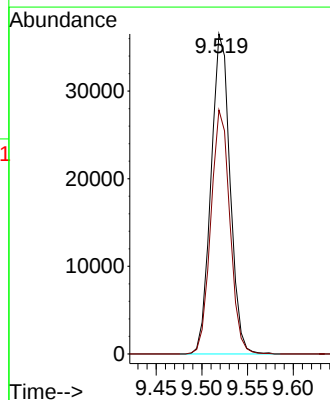
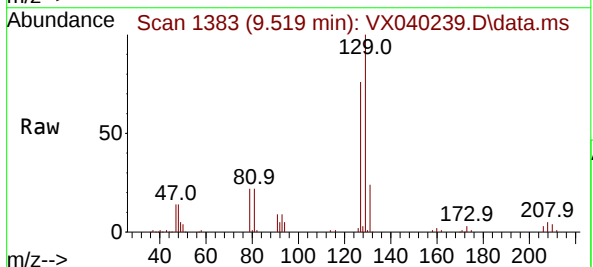
Acq: 14 Feb 2024 22:25

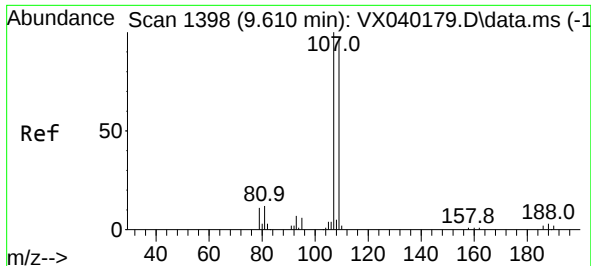
Tgt Ion:129 Resp: 52830

Ion Ratio Lower Upper

129 100

127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.674 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

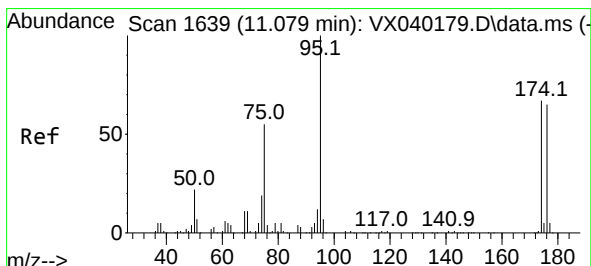
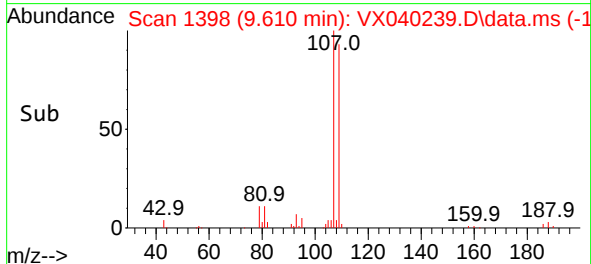
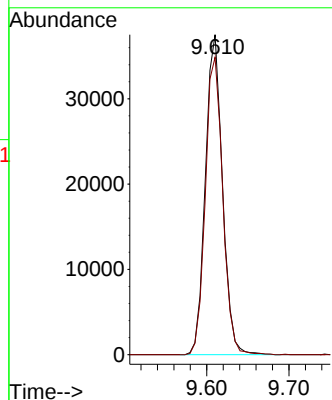
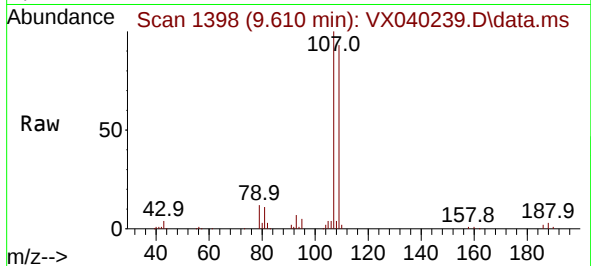
VSTDCCC050EC

Tgt Ion:107 Resp: 54104
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

Manual Integrations

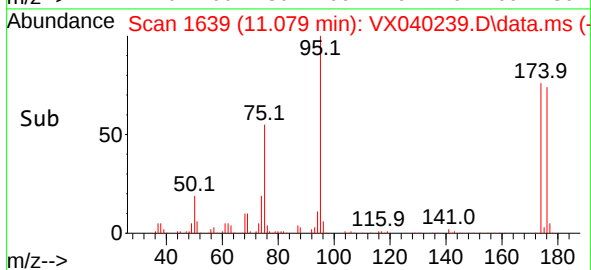
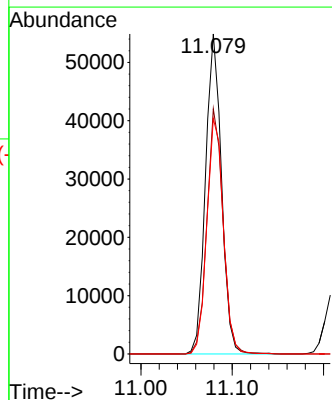
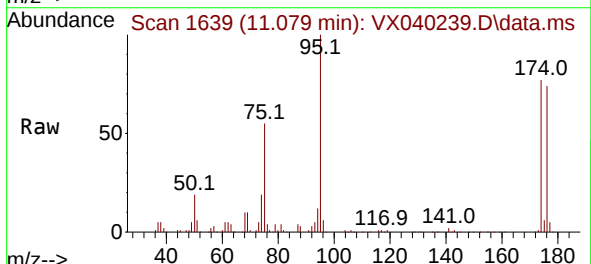
APPROVED

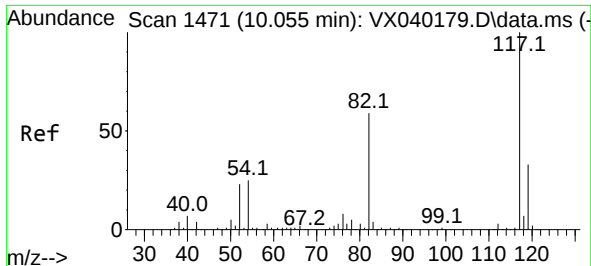
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

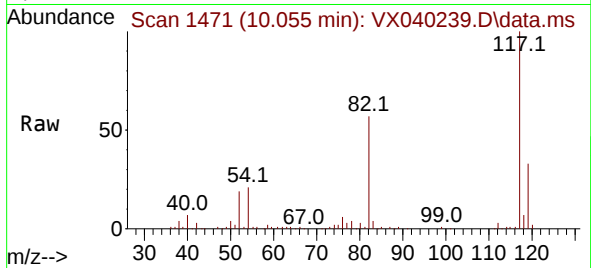
Tgt Ion: 95 Resp: 66600
Ion Ratio Lower Upper
95 100
174 77.5 0.0 135.6
176 76.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

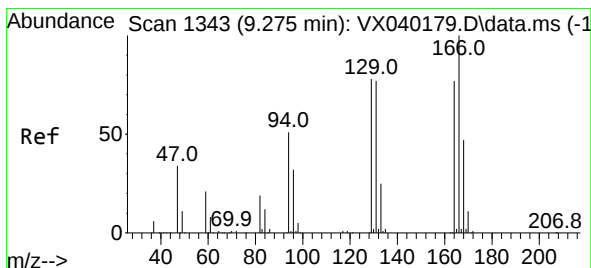
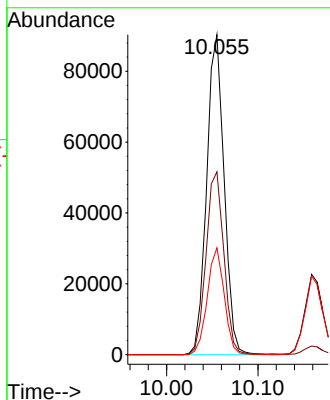
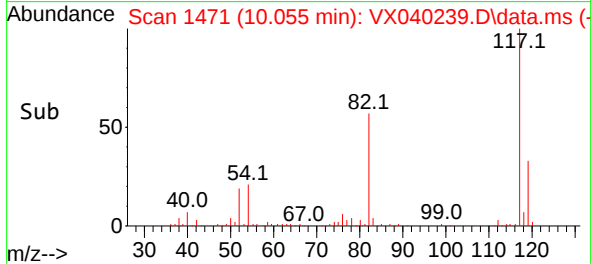
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 119609
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 33.4 25.5 38.3

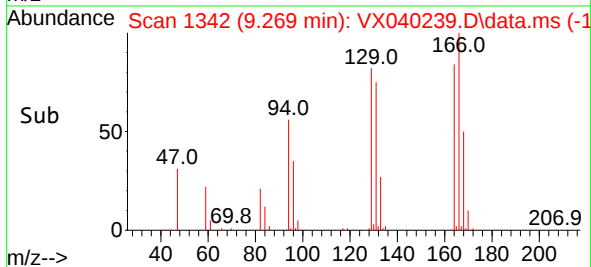
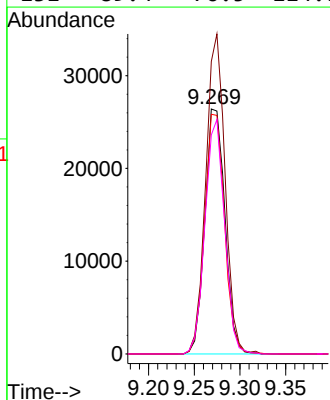
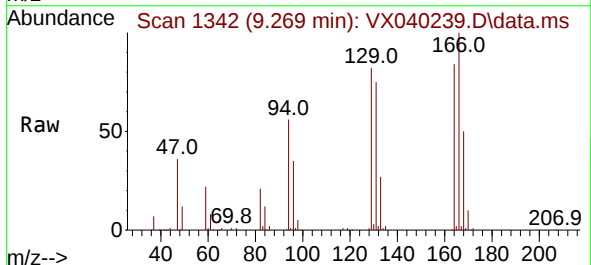
Manual Integrations
APPROVED

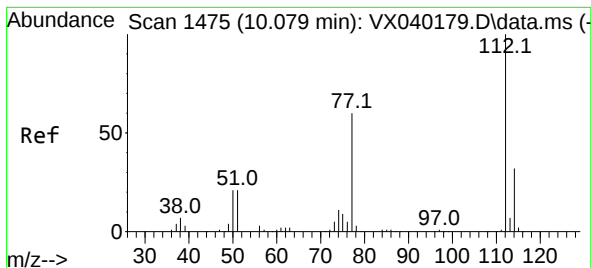
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#64
Tetrachloroethene
Concen: 48.159 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:164 Resp: 40366
Ion Ratio Lower Upper
164 100
166 119.4 102.7 154.1
129 97.8 80.4 120.6
131 89.4 76.5 114.7





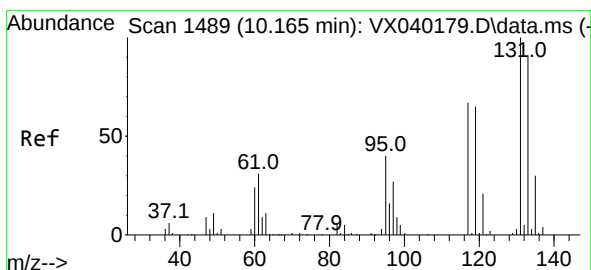
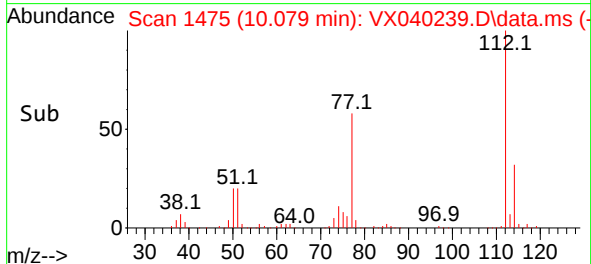
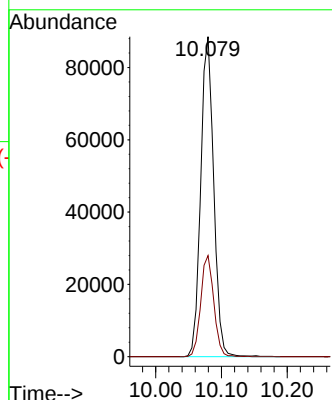
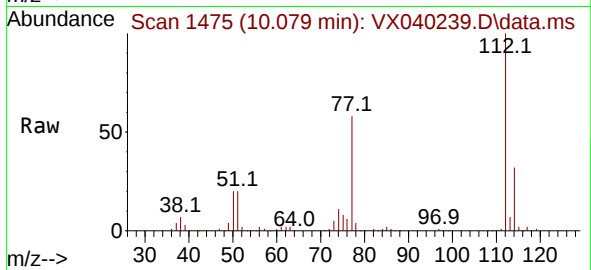
#65
Chlorobenzene
Concen: 48.708 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 121590
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

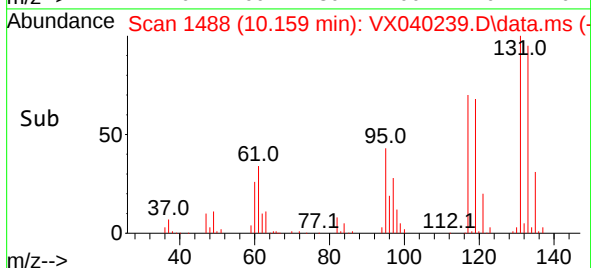
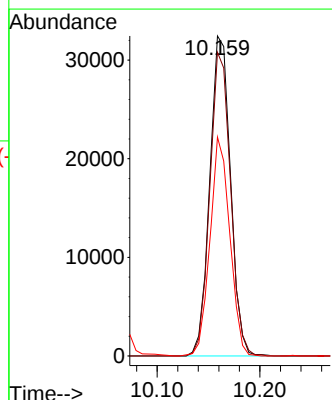
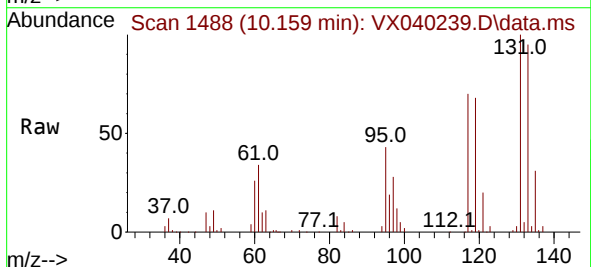
Manual Integrations
APPROVED

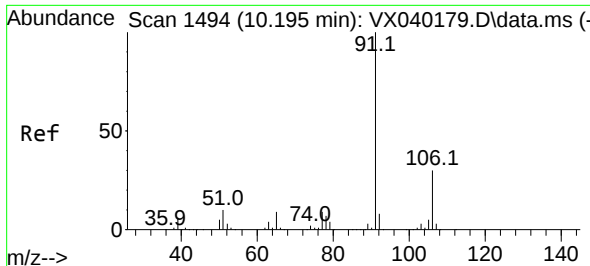
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.501 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:131 Resp: 45391
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 65.3 32.2 96.6





#67

Ethyl Benzene

Concen: 49.974 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 222179

Ion Ratio Lower Upper

91 100

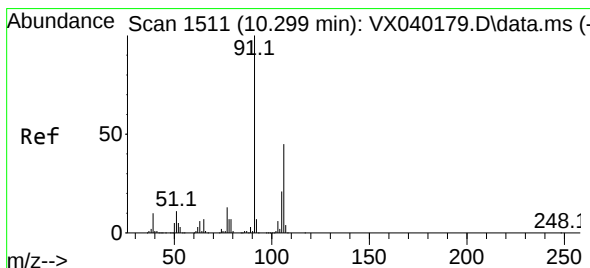
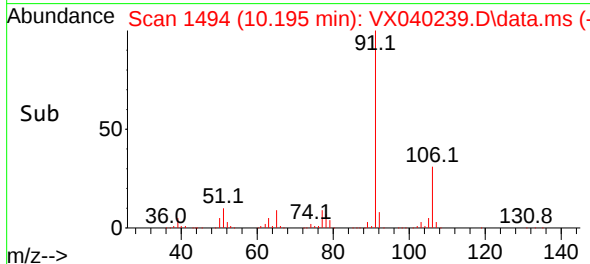
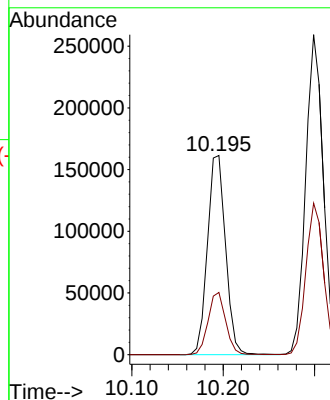
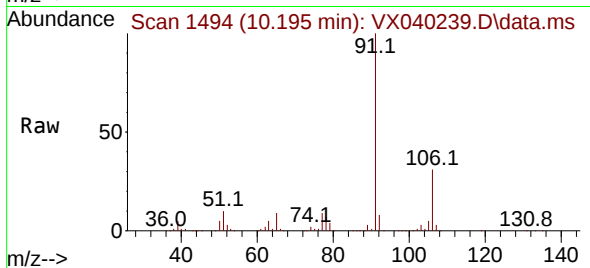
106 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#68

m/p-Xylenes

Concen: 99.260 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040239.D

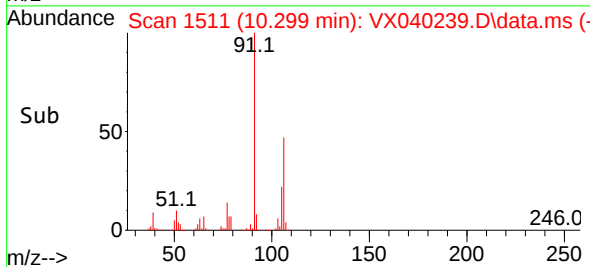
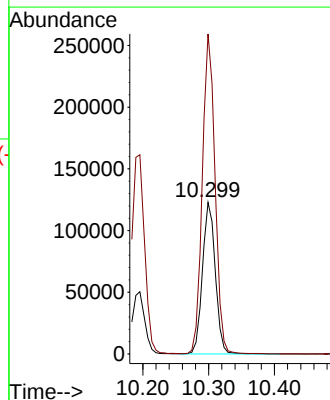
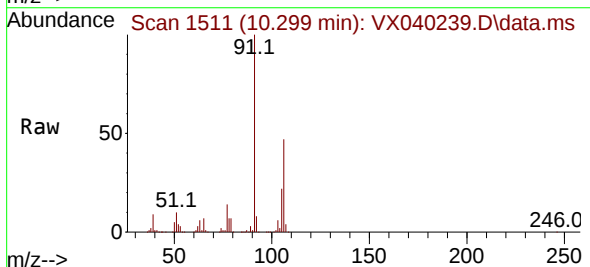
Acq: 14 Feb 2024 22:25

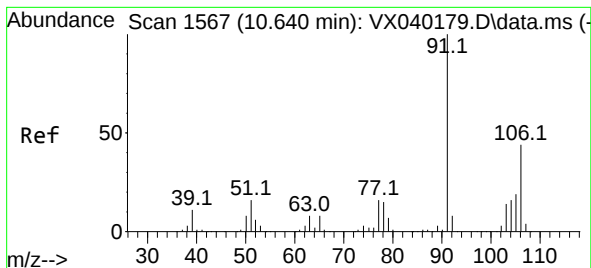
Tgt Ion:106 Resp: 166667

Ion Ratio Lower Upper

106 100

91 209.2 165.5 248.3





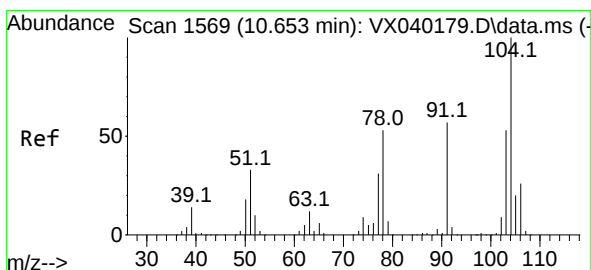
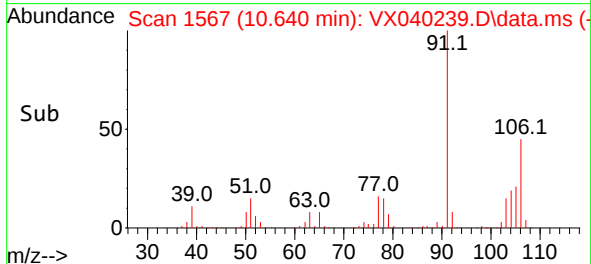
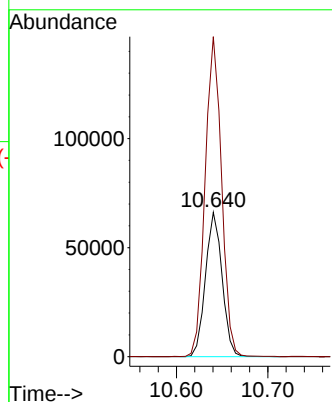
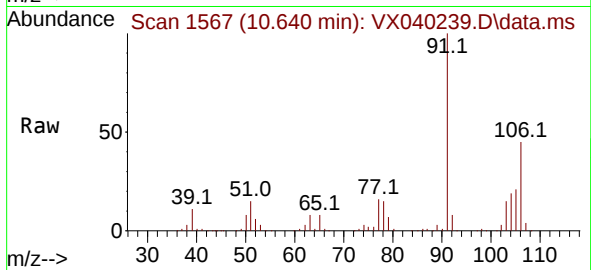
#69
o-Xylene
Concen: 51.115 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 83404
Ion Ratio Lower Upper
106 100
91 219.7 108.9 326.8

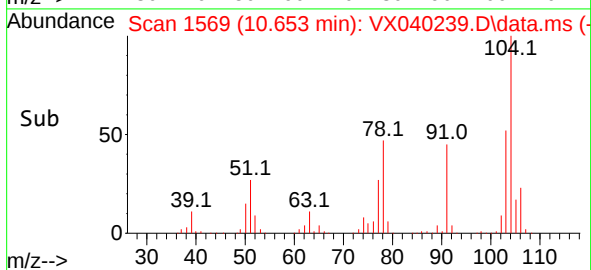
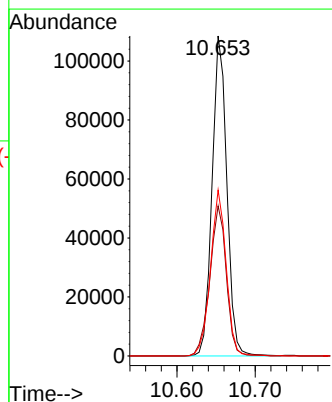
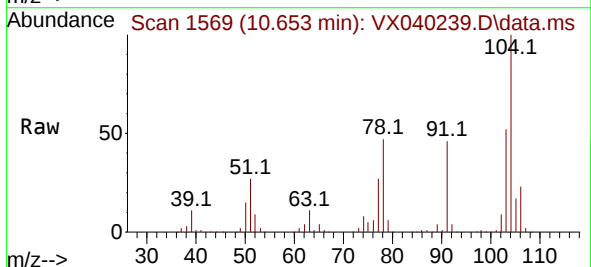
Manual Integrations
APPROVED

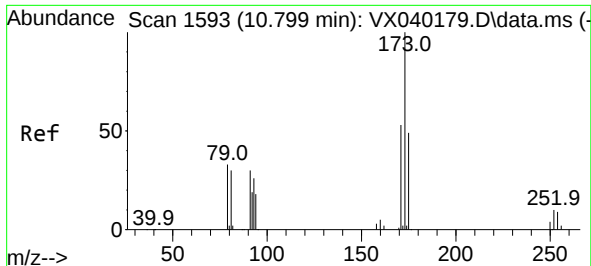
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#70
Styrene
Concen: 52.294 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

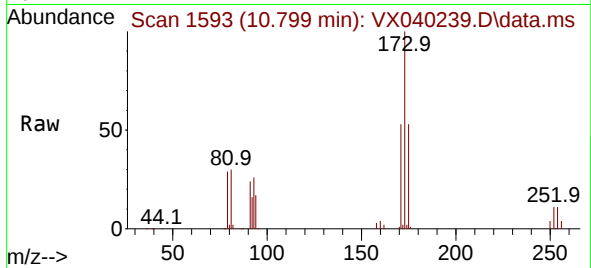
Tgt Ion:104 Resp: 141865
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 47.502 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

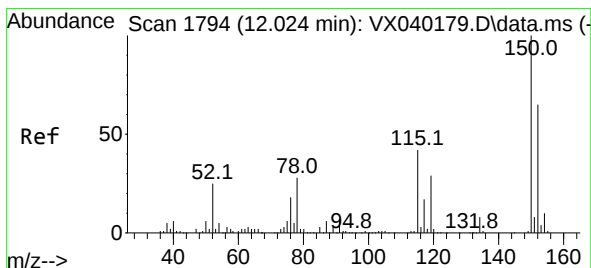
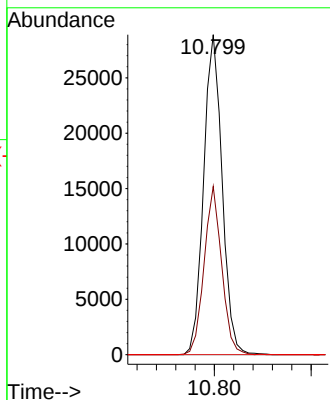
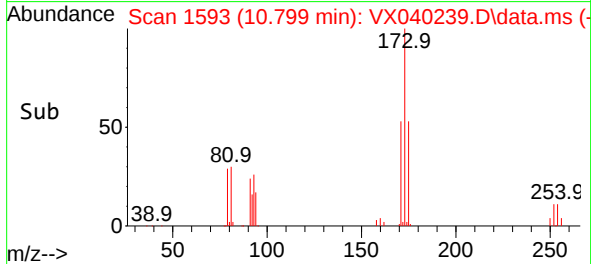
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 38498
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.4
254 0.0 0.0 0.0

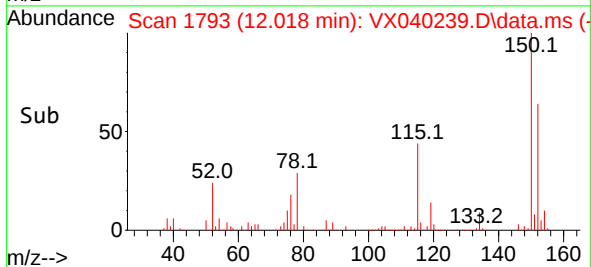
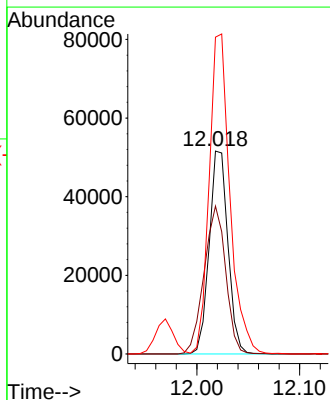
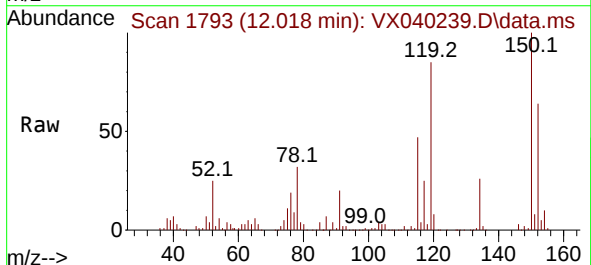
Manual Integrations
APPROVED

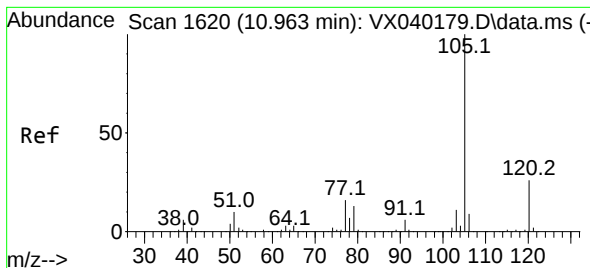
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:152 Resp: 65205
Ion Ratio Lower Upper
152 100
115 84.3 43.3 129.9
150 174.6 0.0 345.0





#73

Isopropylbenzene

Concen: 47.322 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 21733

Ion Ratio Lower Upper

105 100

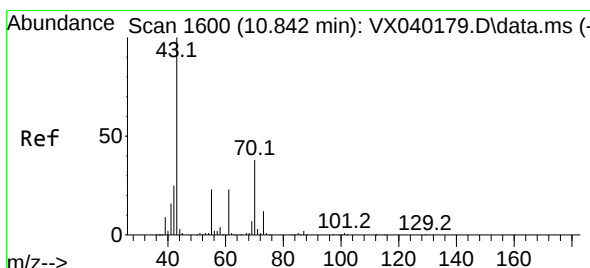
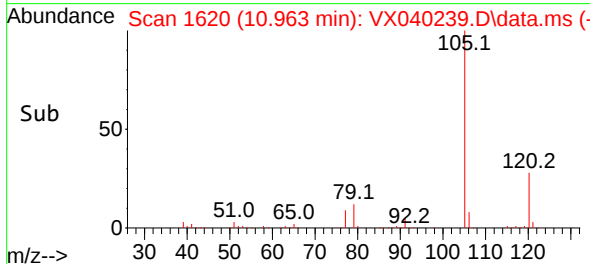
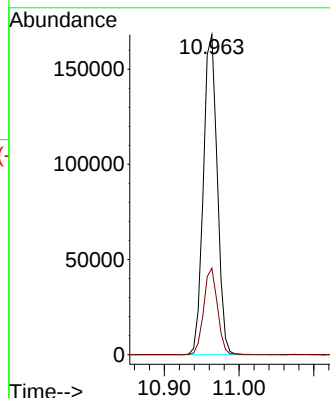
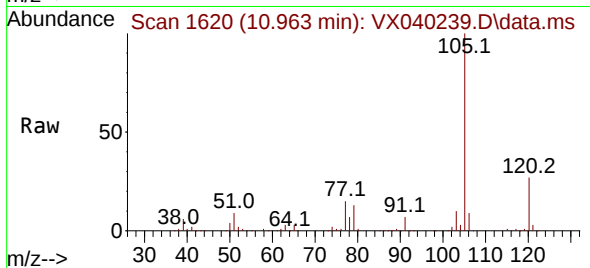
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#74

N-ethyl acetate

Concen: 55.785 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Tgt Ion: 43 Resp: 109816

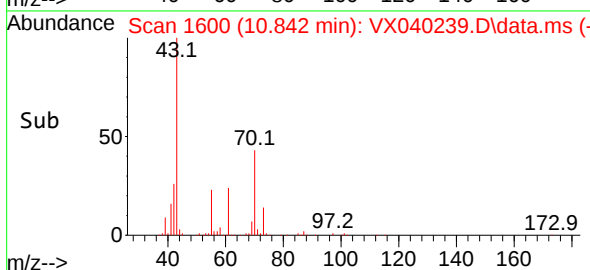
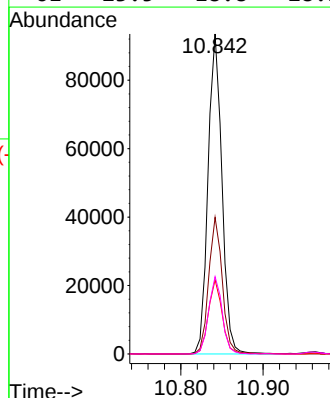
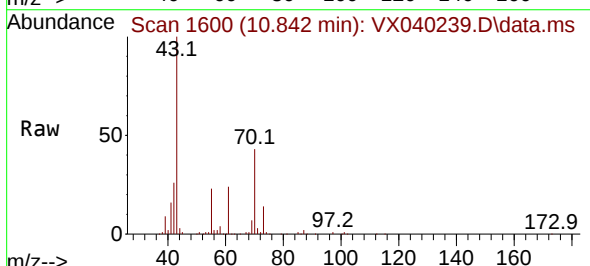
Ion Ratio Lower Upper

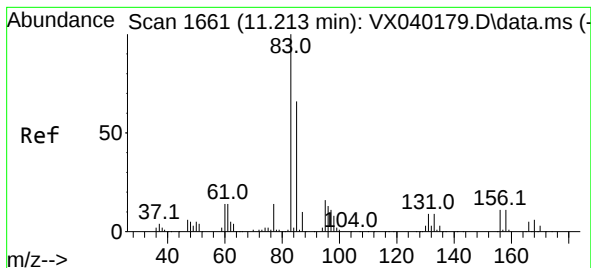
43 100

70 41.8 32.9 49.3

55 23.1 19.3 28.9

61 23.5 18.8 28.2





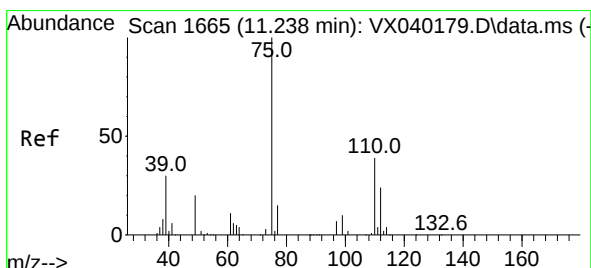
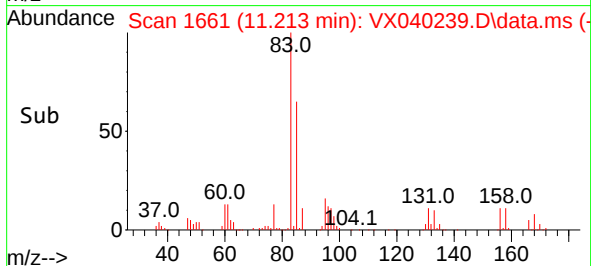
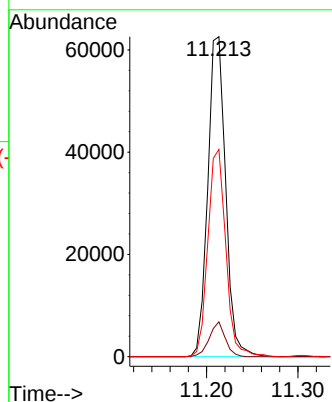
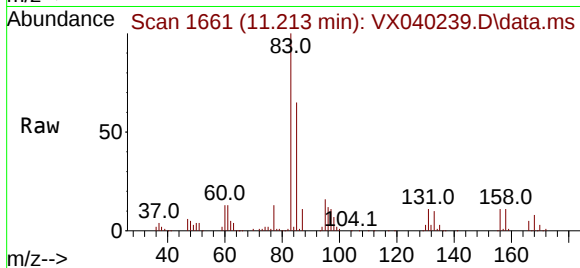
#75
1,1,2,2-Tetrachloroethane
Concen: 51.381 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 84779
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.0 32.0 96.2

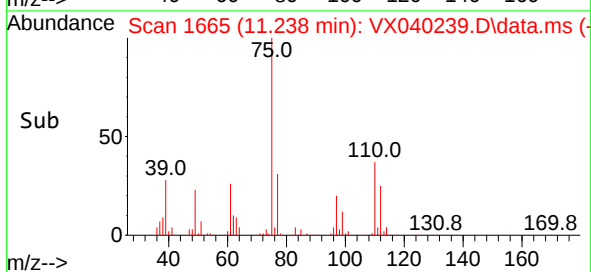
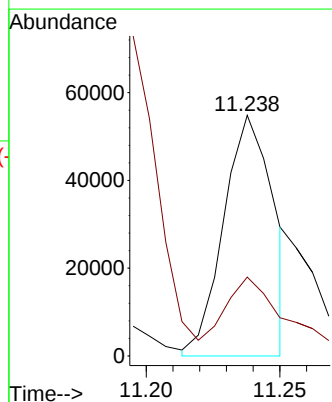
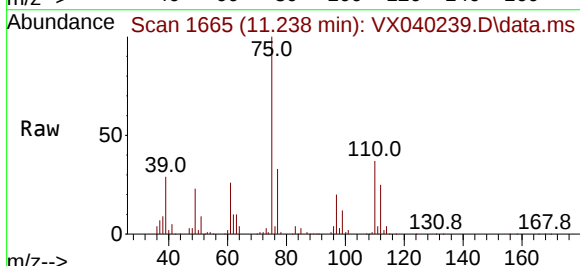
Manual Integrations
APPROVED

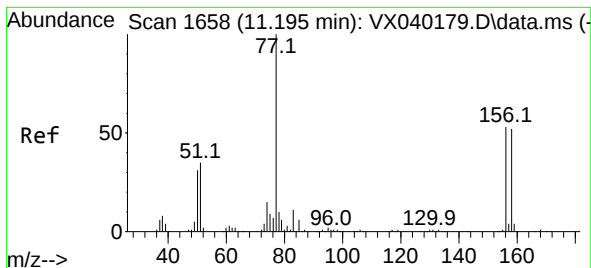
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#76
1,2,3-Trichloropropane
Concen: 53.669 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 75 Resp: 70866
Ion Ratio Lower Upper
75 100
77 41.0 19.1 57.5





#77

Bromobenzene

Concen: 50.400 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

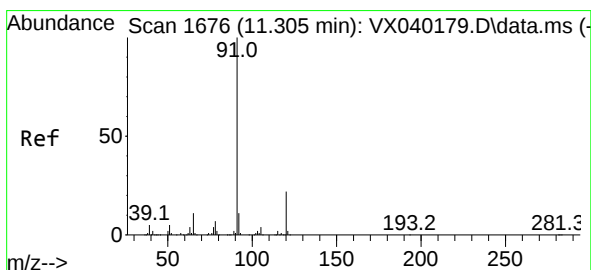
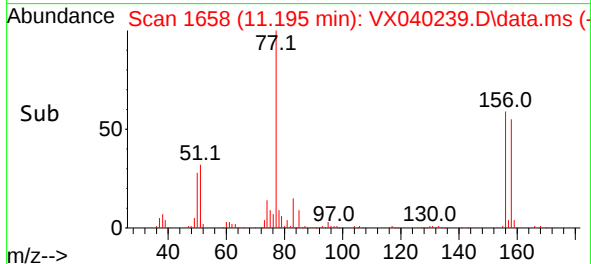
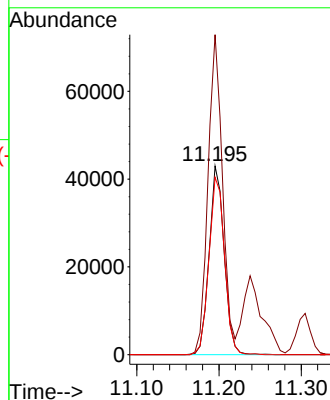
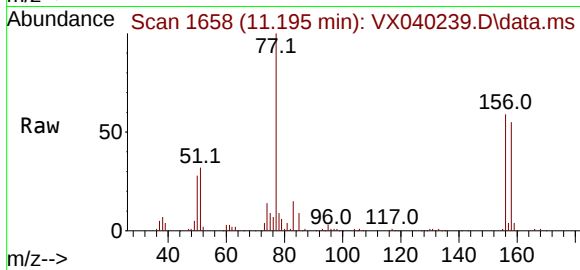
Tgt Ion:	156	Resp:	54669
Ion Ratio	Lower	Upper	
156	100		
77	163.6	88.4	265.3
158	97.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#78

n-propylbenzene

Concen: 47.823 ug/l

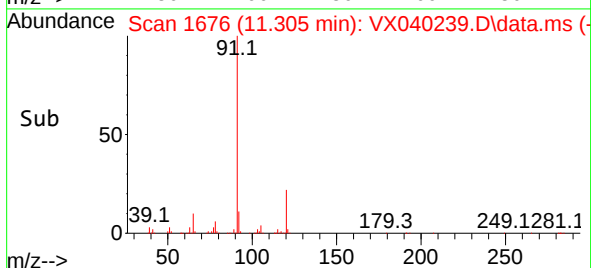
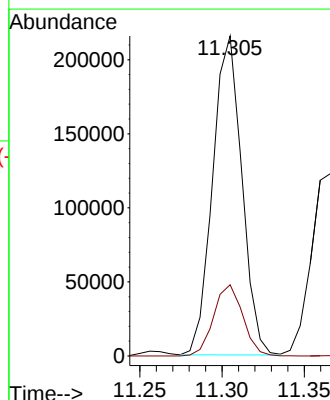
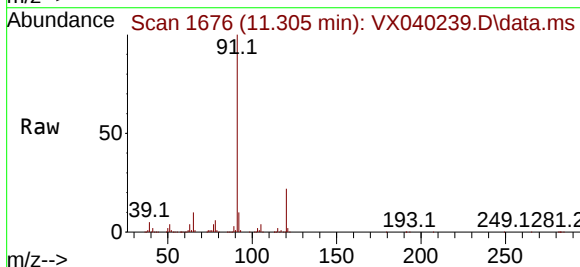
RT: 11.305 min Scan# 1676

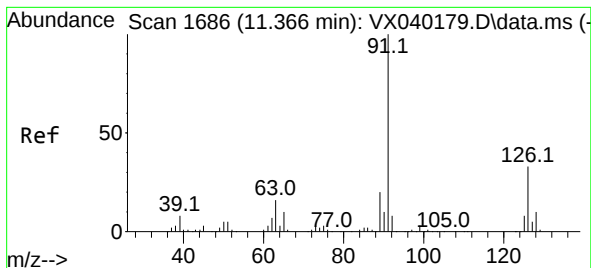
Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Tgt Ion:	91	Resp:	265905
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





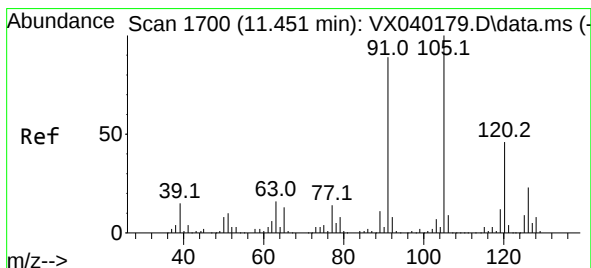
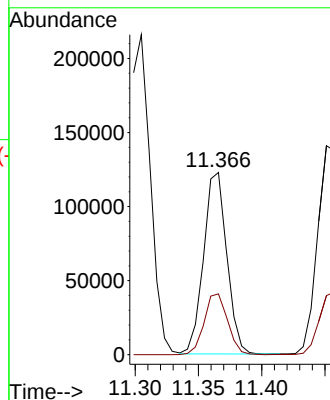
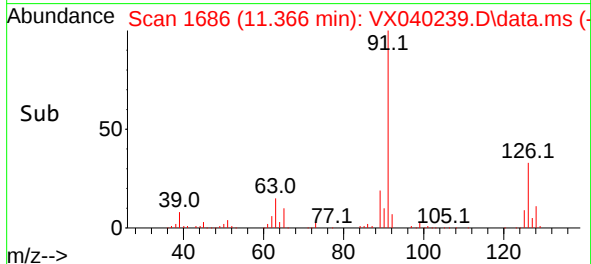
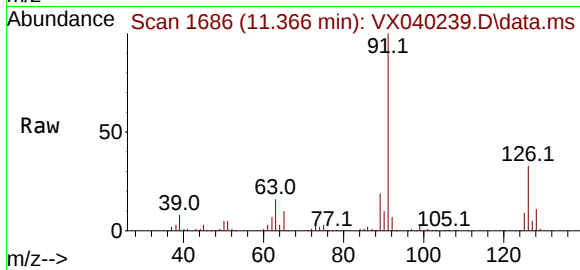
#79
2-Chlorotoluene
Concen: 46.749 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 156959
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

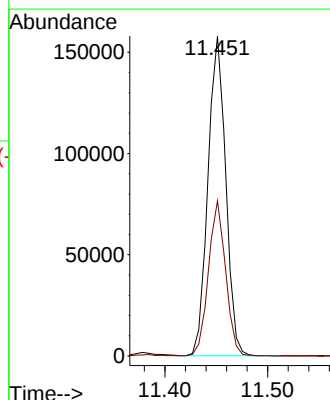
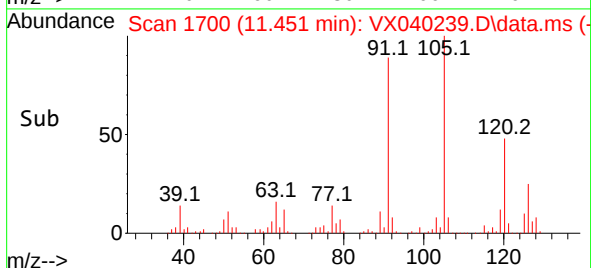
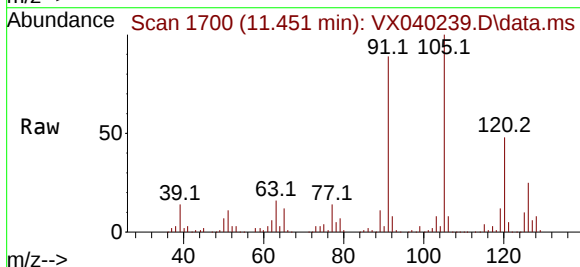
Manual Integrations
APPROVED

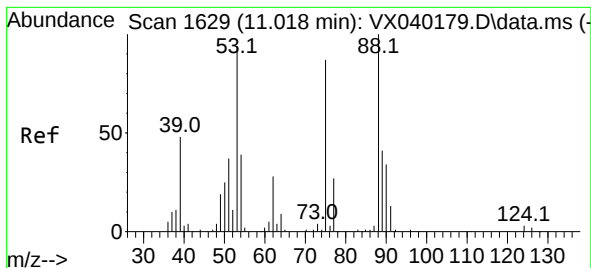
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.989 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion:105 Resp: 189412
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





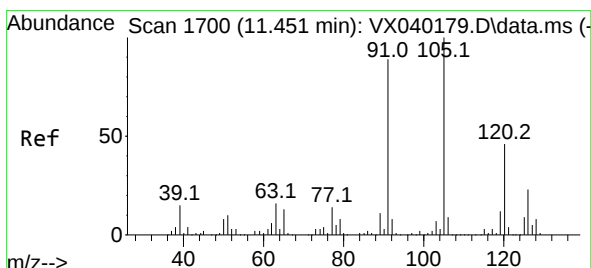
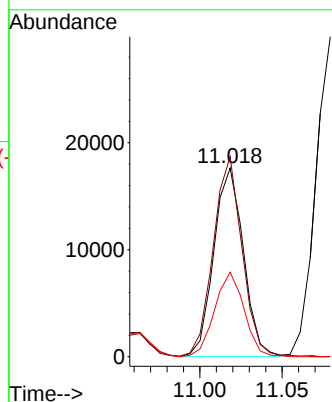
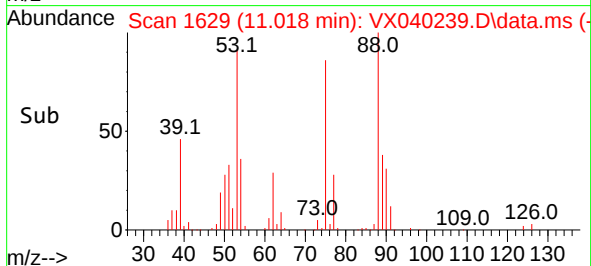
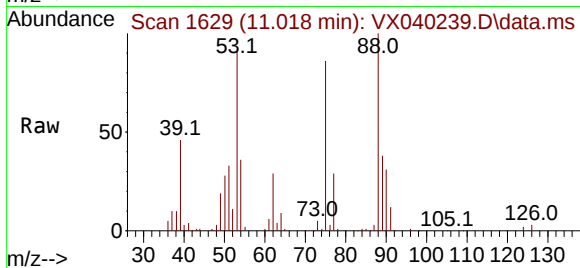
#81
trans-1,4-Dichloro-2-butene
Concen: 47.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2206
Ion Ratio Lower Upper
75 100
53 103.5 90.5 135.7
89 44.5 36.9 55.3

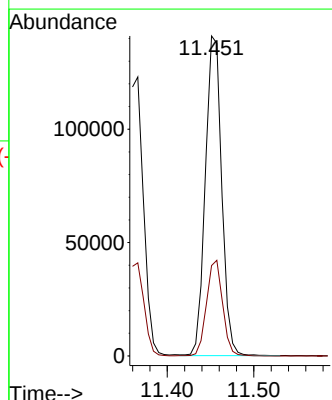
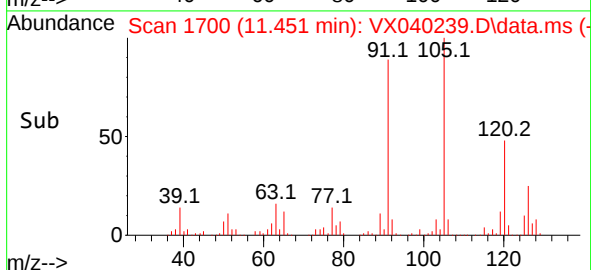
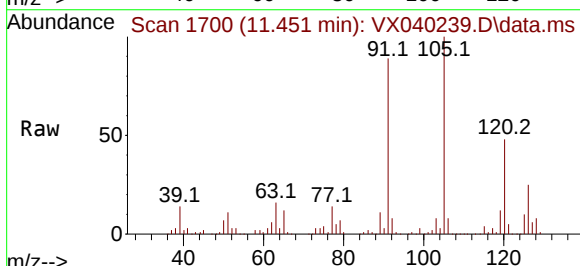
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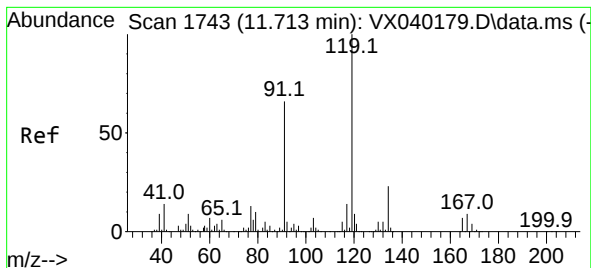
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#82
4-Chlorotoluene
Concen: 46.543 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

Tgt Ion: 91 Resp: 185153
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.862 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040239.D

Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 181430

Ion Ratio Lower Upper

119 100

91 61.5 31.2 93.6

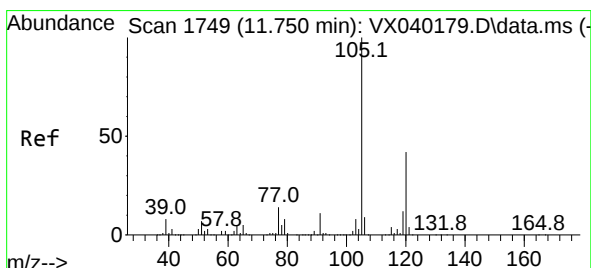
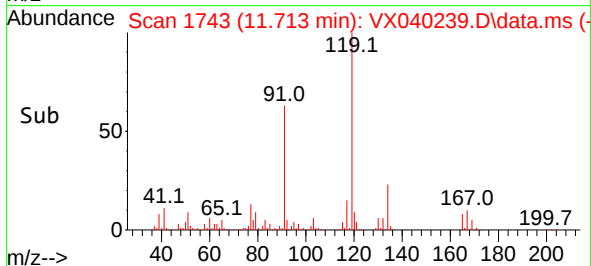
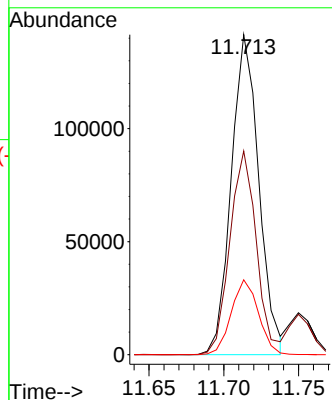
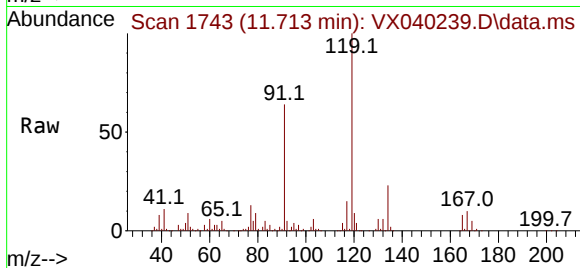
134 23.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.502 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040239.D

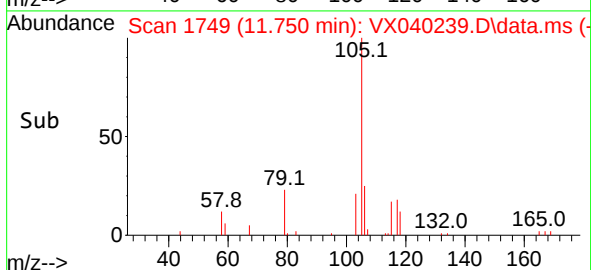
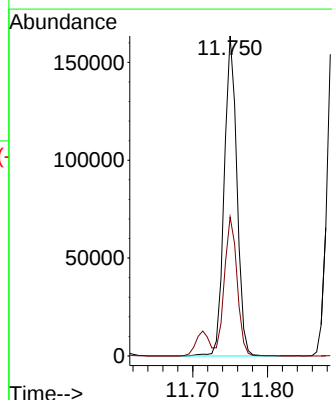
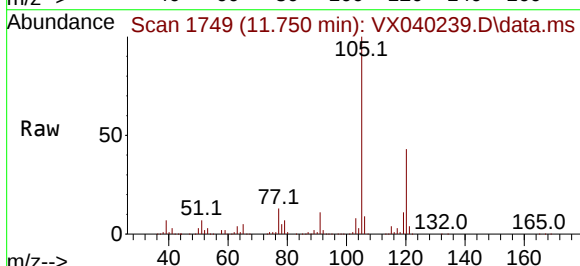
Acq: 14 Feb 2024 22:25

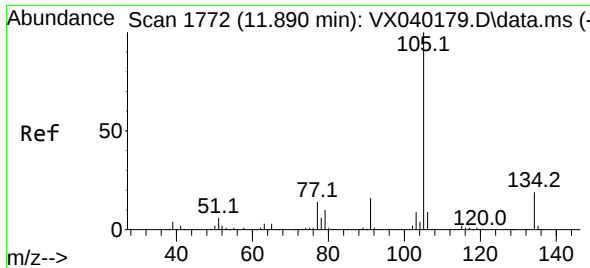
Tgt Ion:105 Resp: 193636

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6





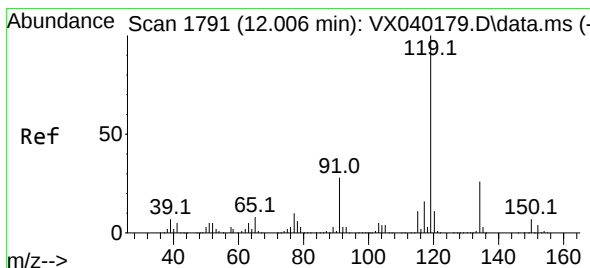
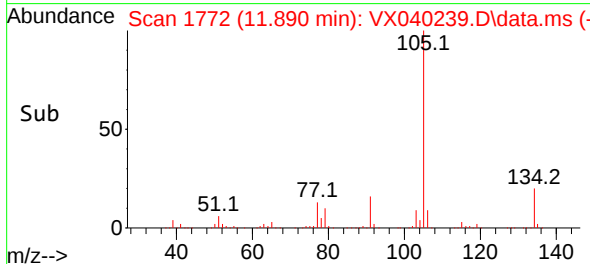
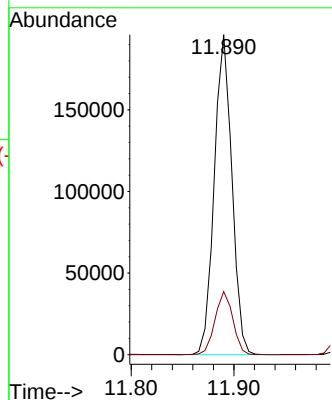
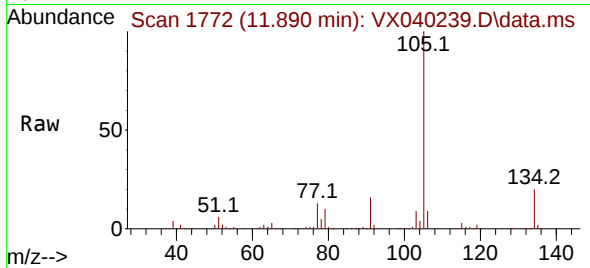
#85
 sec-Butylbenzene
 Concen: 47.780 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040239.D
 Acq: 14 Feb 2024 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 23276
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

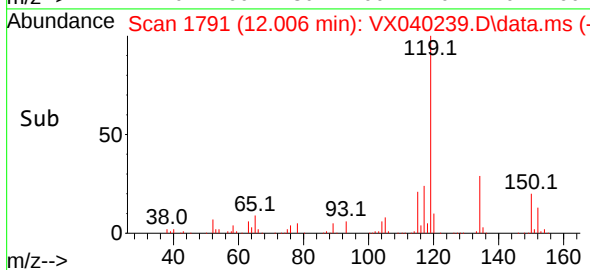
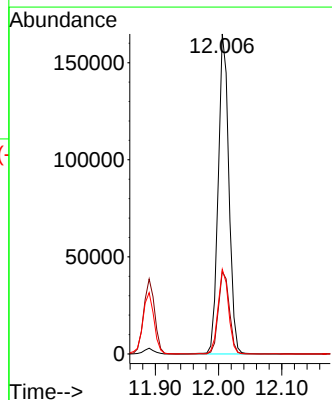
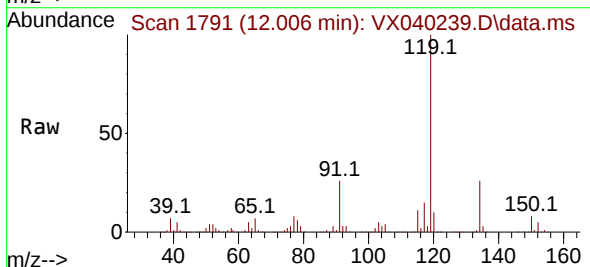
Manual Integrations
 APPROVED

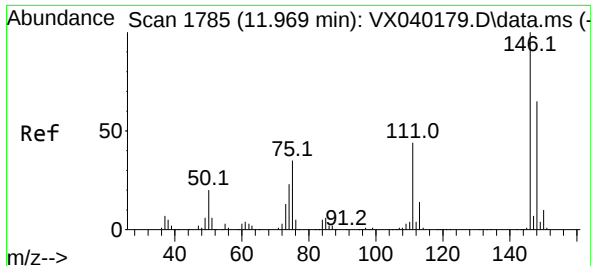
Reviewed By :John Carlone 02/15/2024
 Supervised By :Mahesh Dadoda 02/15/2024



#86
 p-Isopropyltoluene
 Concen: 48.360 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040239.D
 Acq: 14 Feb 2024 22:25

Tgt Ion:119 Resp: 193118
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.071 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040239.D

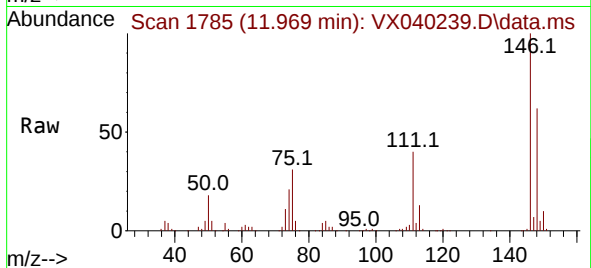
Acq: 14 Feb 2024 22:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 105464

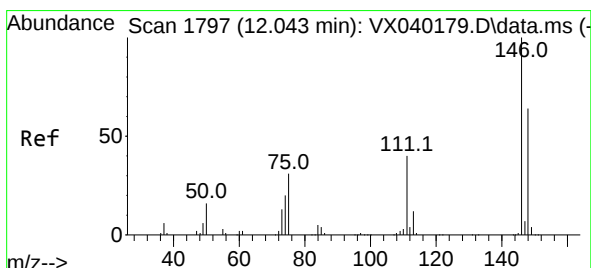
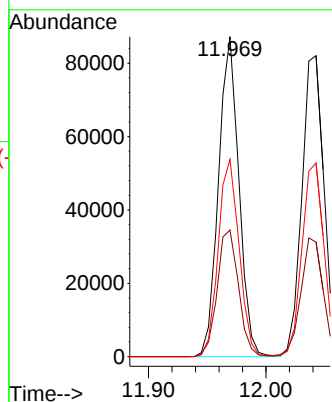
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.1
148	63.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2024

Supervised By :Mahesh Dadoda 02/15/2024



#88

1,4-Dichlorobenzene

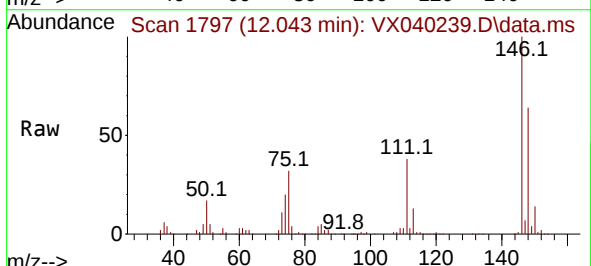
Concen: 47.452 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

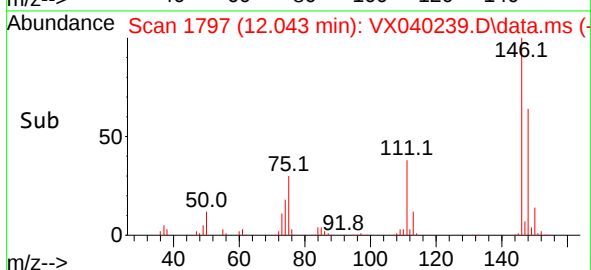
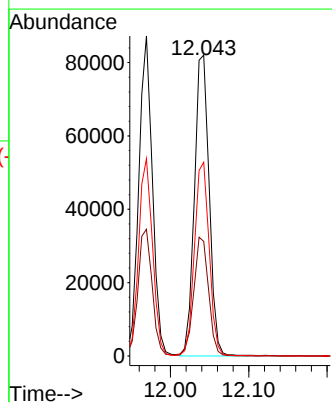
Lab File: VX040239.D

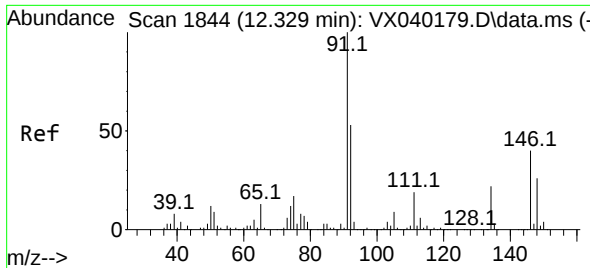
Acq: 14 Feb 2024 22:25



Tgt Ion:146 Resp: 107992

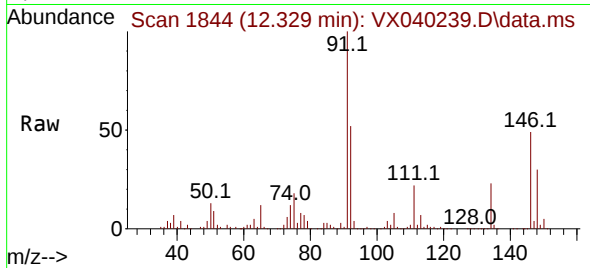
Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.3	63.7
148	63.7	31.8	95.4





#89
n-Butylbenzene
Concen: 46.732 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

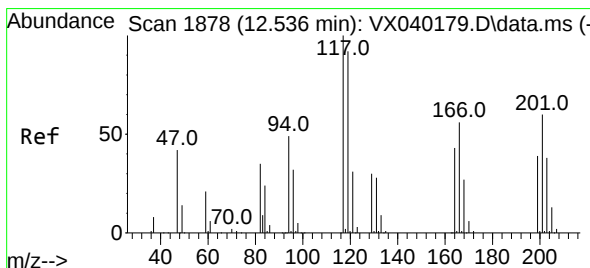
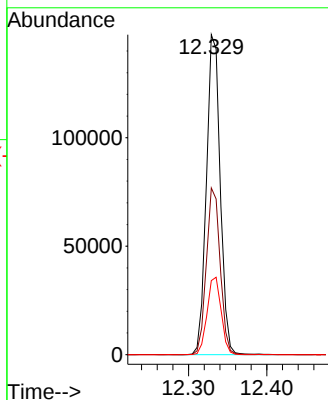
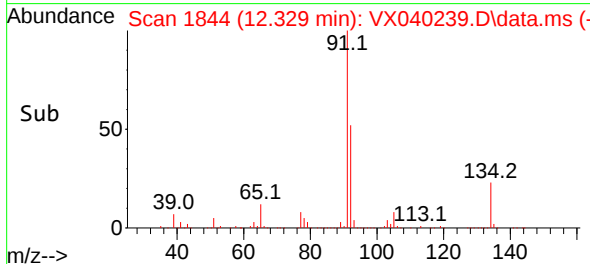
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 180139
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 24.6 12.6 37.8

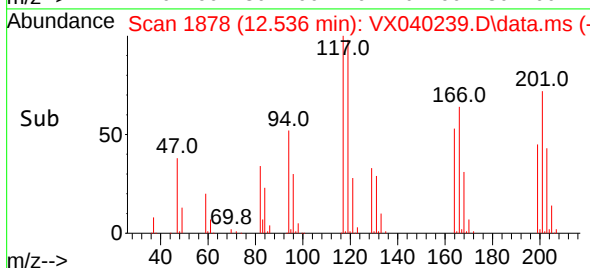
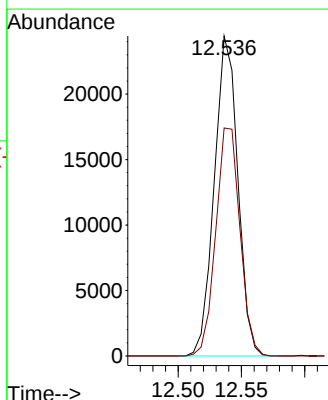
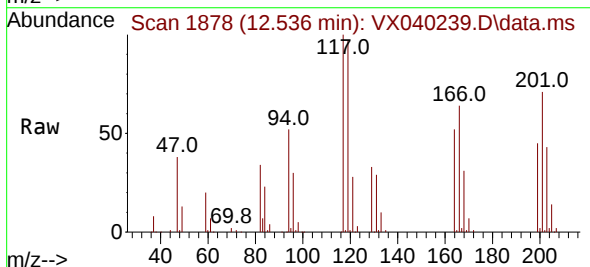
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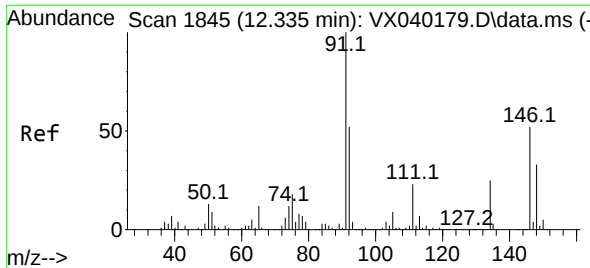
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#90
Hexachloroethane
Concen: 50.065 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

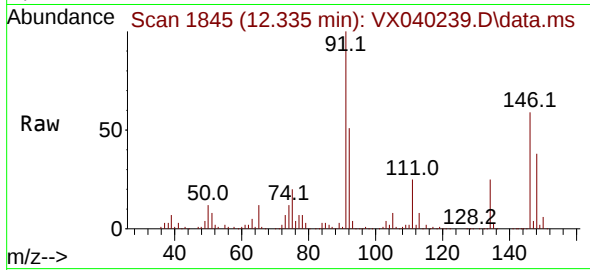
Tgt Ion:117 Resp: 31535
Ion Ratio Lower Upper
117 100
201 73.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.010 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

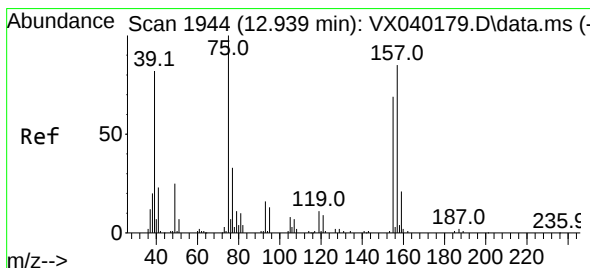
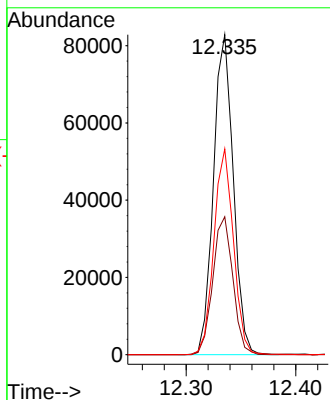
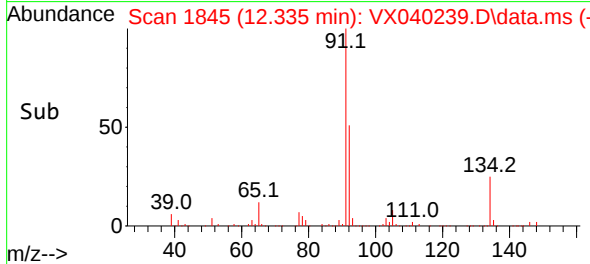
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



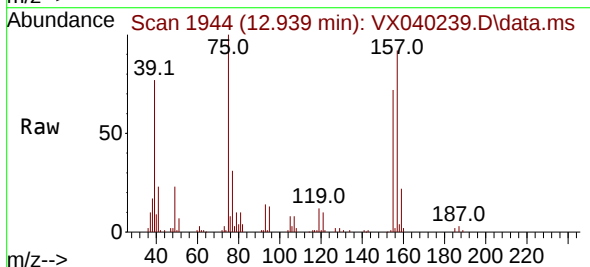
Tgt Ion:146 Resp: 104049
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 63.7 31.6 95.0

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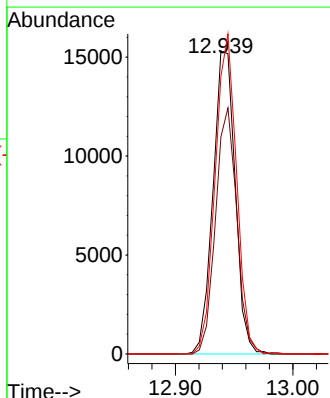
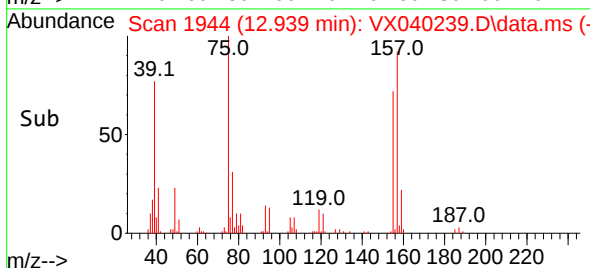
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

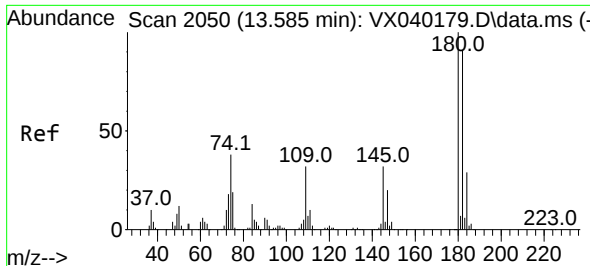


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.854 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



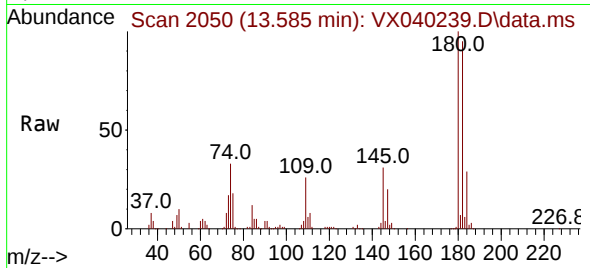
Tgt Ion: 75 Resp: 20128
Ion Ratio Lower Upper
75 100
155 77.8 36.1 108.5
157 101.9 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 48.426 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

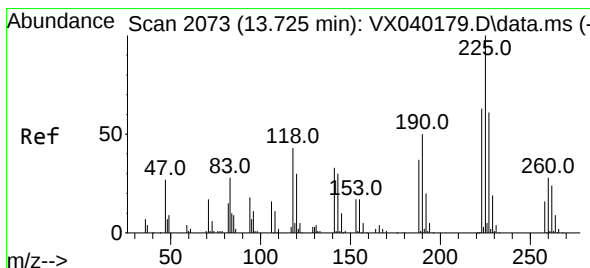
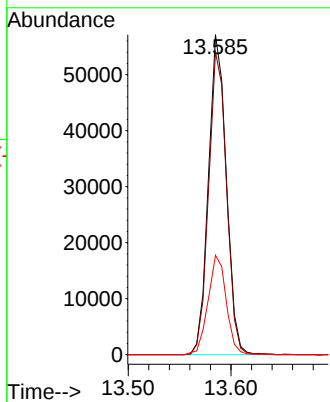
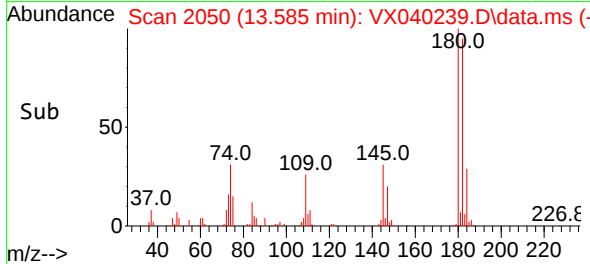
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



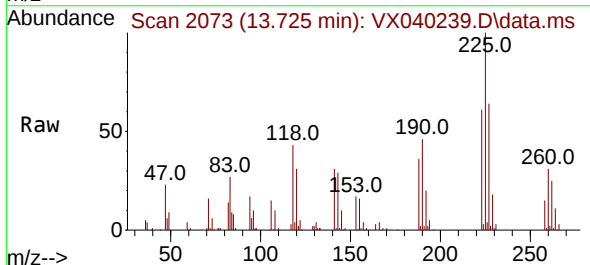
Tgt Ion:180 Resp: 68979
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 31.7 18.0 54.0

Manual Integrations
APPROVED

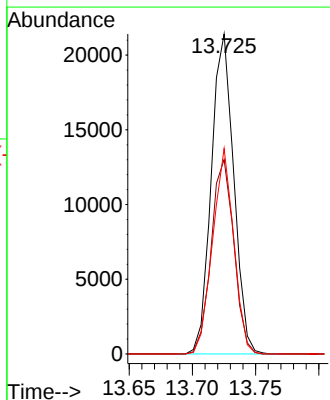
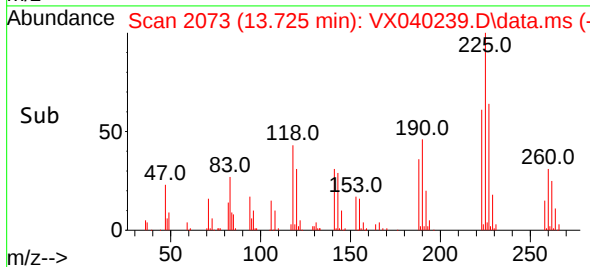
Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024

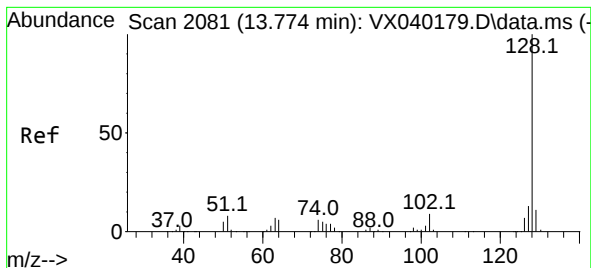


#94
Hexachlorobutadiene
Concen: 46.433 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



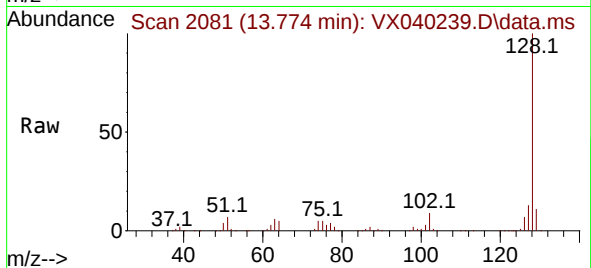
Tgt Ion:225 Resp: 26397
Ion Ratio Lower Upper
225 100
223 61.3 31.1 93.2
227 60.5 32.5 97.5





#95
Naphthalene
Concen: 52.083 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25

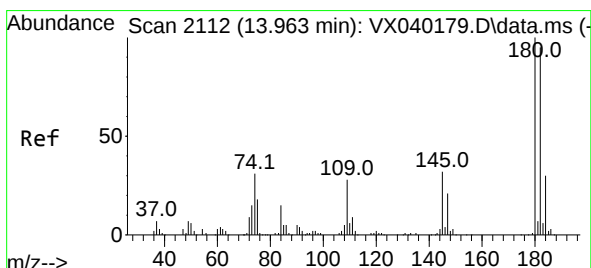
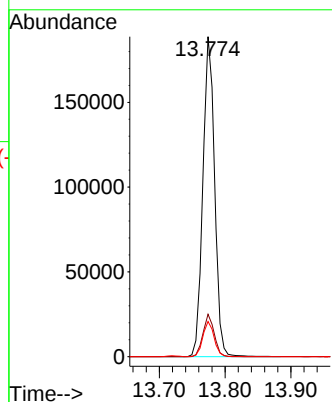
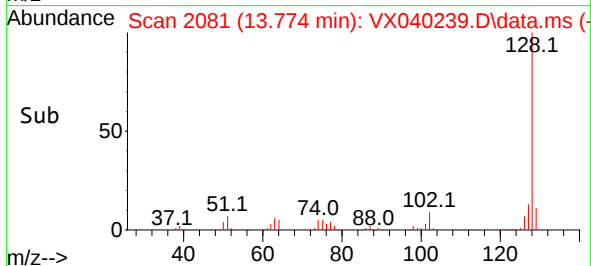
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



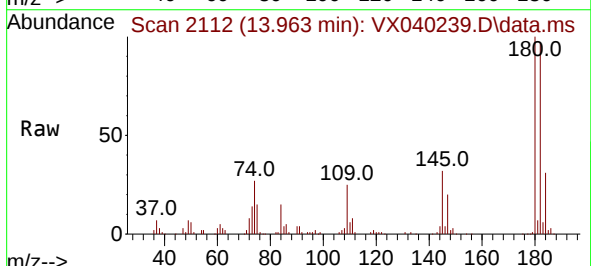
Tgt Ion:128 Resp: 234309
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2024
Supervised By :Mahesh Dadoda 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.736 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040239.D
Acq: 14 Feb 2024 22:25



Tgt Ion:180 Resp: 67529
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 33.2 17.8 53.5

