

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040408.D
 Acq On : 22 Feb 2024 17:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 00:10:34 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	75391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62297	55.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.080%			
35) Dibromofluoromethane	5.385	113	46622	51.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.140%			
50) Toluene-d8	8.647	98	165761	49.020	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.040%			
62) 4-Bromofluorobenzene	11.079	95	67042	48.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39918	46.874	ug/l	97
3) Chloromethane	1.295	50	41178	46.890	ug/l	98
4) Vinyl Chloride	1.374	62	42778	46.096	ug/l	91
5) Bromomethane	1.599	94	24996	47.730	ug/l	97
6) Chloroethane	1.679	64	26855	45.883	ug/l	98
7) Trichlorofluoromethane	1.886	101	72600	48.713	ug/l	99
8) Diethyl Ether	2.136	74	26980	48.192	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	39385	49.266	ug/l	98
10) Methyl Iodide	2.453	142	43737	49.279	ug/l	97
11) Tert butyl alcohol	2.965	59	64601	295.698	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	37206	48.337	ug/l	92
13) Acrolein	2.233	56	52256	259.143	ug/l	100
14) Allyl chloride	2.660	41	72820	54.516	ug/l	97
15) Acrylonitrile	3.063	53	146052	298.784	ug/l	99
16) Acetone	2.380	43	131987	286.524	ug/l	95
17) Carbon Disulfide	2.508	76	75287	37.049	ug/l	97
18) Methyl Acetate	2.703	43	68583	55.538	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	149725	55.215	ug/l	97
20) Methylene Chloride	2.788	84	46712	54.226	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	39568	45.137	ug/l	98
22) Diisopropyl ether	3.764	45	157442	58.118	ug/l	90
23) Vinyl Acetate	3.721	43	718372	297.468	ug/l	99
24) 1,1-Dichloroethane	3.611	63	86611	54.886	ug/l	98
25) 2-Butanone	4.550	43	209897	291.501	ug/l	99
26) 2,2-Dichloropropane	4.477	77	61913	50.968	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	50197	50.195	ug/l	100
28) Bromochloromethane	4.898	49	37789	56.404	ug/l	99
29) Tetrahydrofuran	5.001	42	135325	288.471	ug/l	100
30) Chloroform	5.093	83	91888	53.858	ug/l	97
31) Cyclohexane	5.471	56	61983	46.332	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	75810	52.819	ug/l	98
36) 1,1-Dichloropropene	5.690	75	60905	48.096	ug/l	99
37) Ethyl Acetate	4.715	43	78199	55.499	ug/l	99
38) Carbon Tetrachloride	5.678	117	59947	49.789	ug/l	97
39) Methylcyclohexane	7.379	83	62640	42.565	ug/l	97
40) Benzene	6.038	78	176078	49.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44271	59.268	ug/l	95
42) 1,2-Dichloroethane	6.086	62	76947	55.592	ug/l	100
43) Isopropyl Acetate	6.336	43	125938	57.256	ug/l	98
44) Trichloroethene	7.123	130	46570	47.676	ug/l	93
45) 1,2-Dichloropropane	7.428	63	49997	54.244	ug/l	98
46) Dibromomethane	7.580	93	35747	52.660	ug/l	99
47) Bromodichloromethane	7.824	83	72408	55.358	ug/l	99
48) Methyl methacrylate	7.690	41	64369	57.193	ug/l	95
49) 1,4-Dioxane	7.659	88	24079	983.446	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	439451	292.629	ug/l	98
52) Toluene	8.720	92	111073	47.886	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	73382	47.218	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77249	52.698	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	50560	51.106	ug/l	95
56) Ethyl methacrylate	9.116	69	79480	53.665	ug/l	96
57) 1,3-Dichloropropane	9.311	76	84969	52.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	181827	259.523	ug/l	96
59) 2-Hexanone	9.427	43	343146	288.201	ug/l	98
60) Dibromochloromethane	9.519	129	52236	51.825	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51693	49.158	ug/l	99
64) Tetrachloroethene	9.275	164	39896	46.414	ug/l	98
65) Chlorobenzene	10.080	112	124177	48.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46468	52.409	ug/l	99
67) Ethyl Benzene	10.195	91	229799	50.402	ug/l	97
68) m/p-Xylenes	10.299	106	168657	97.945	ug/l	97
69) o-Xylene	10.640	106	82986	49.593	ug/l	96
70) Styrene	10.653	104	142047	51.058	ug/l	98
71) Bromoform	10.799	173	37956	45.736	ug/l #	100
73) Isopropylbenzene	10.964	105	225656	49.643	ug/l	100
74) N-amyl acetate	10.842	43	115092	59.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	86584	53.018	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70795m	54.169	ug/l	
77) Bromobenzene	11.195	156	53507	49.838	ug/l	99
78) n-propylbenzene	11.305	91	278098	50.533	ug/l	98
79) 2-Chlorotoluene	11.366	91	162318	48.844	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	192434	50.285	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21959	47.382	ug/l	98
82) 4-Chlorotoluene	11.451	91	193340	49.103	ug/l	99
83) tert-Butylbenzene	11.713	119	185033	49.317	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	194538	50.247	ug/l	100
85) sec-Butylbenzene	11.890	105	244275	50.661	ug/l	99
86) p-Isopropyltoluene	12.006	119	195642	49.499	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103940	48.862	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105675	46.913	ug/l	99
89) n-Butylbenzene	12.335	91	190474	49.923	ug/l	96
90) Hexachloroethane	12.536	117	32541	52.196	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	102955	49.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20309	53.881	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	68073	48.284	ug/l	97
94) Hexachlorobutadiene	13.725	225	25779	45.815	ug/l	98
95) Naphthalene	13.774	128	224019	50.310	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66450	49.447	ug/l	98

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

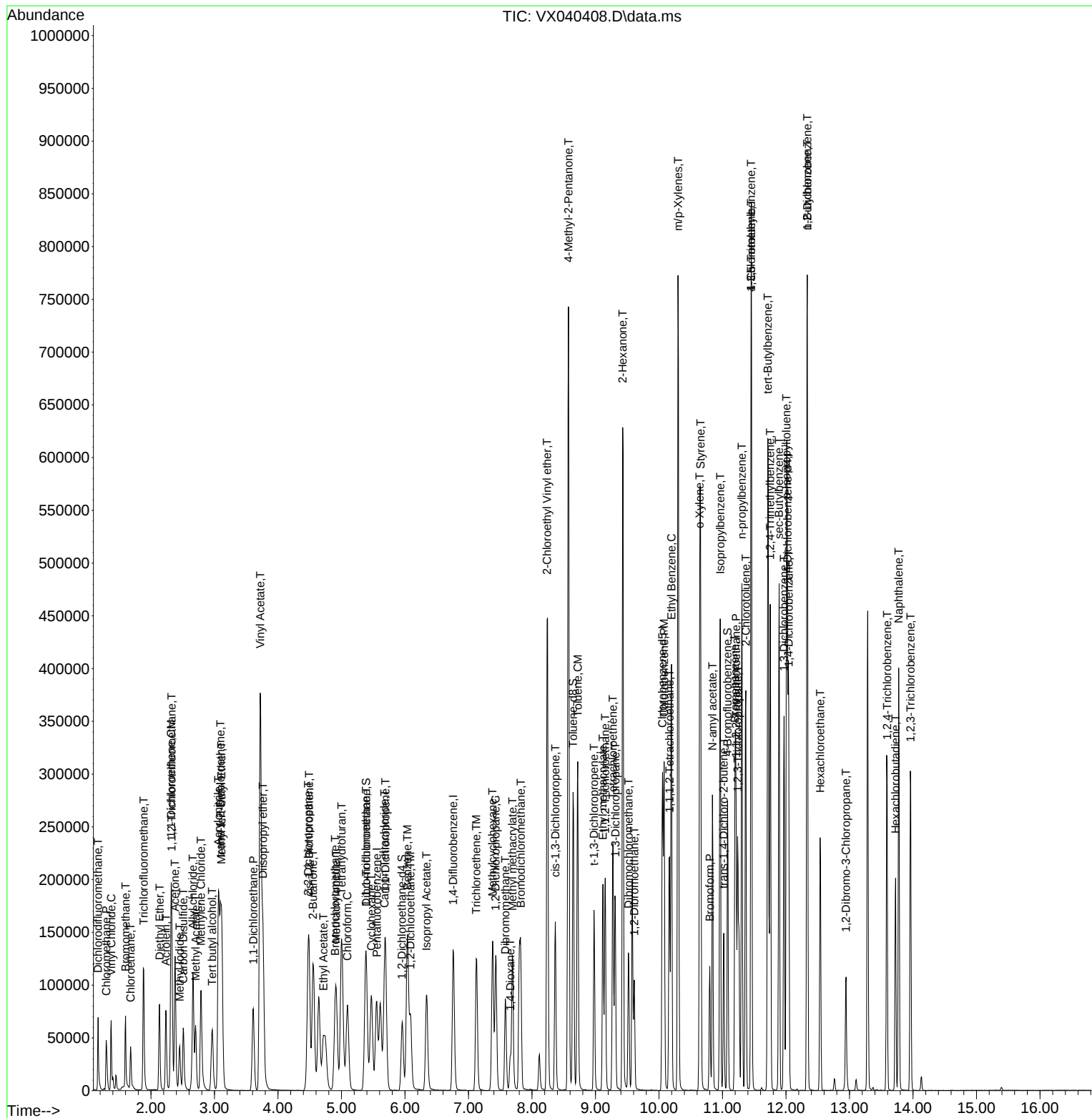
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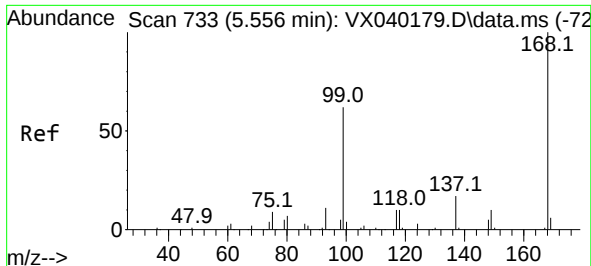
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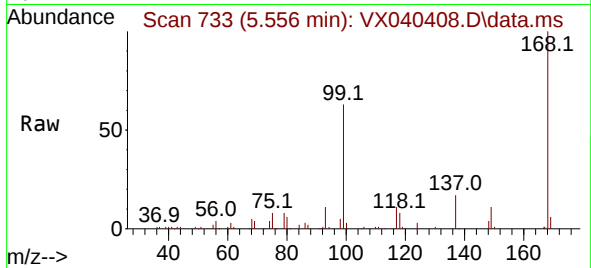
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

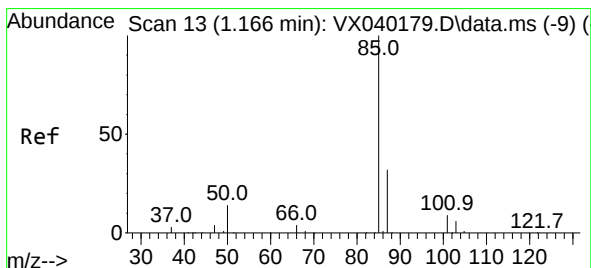
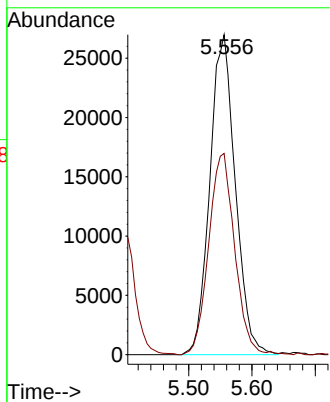
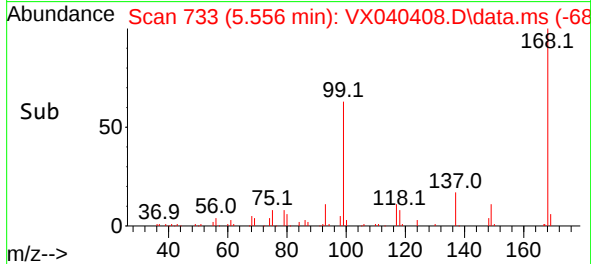
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7539
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0

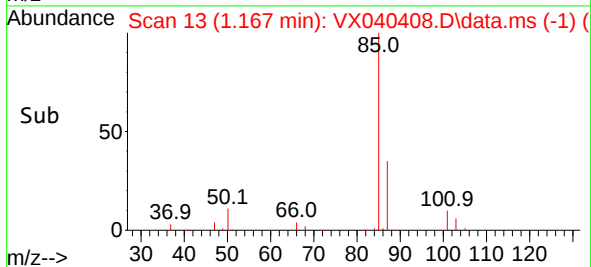
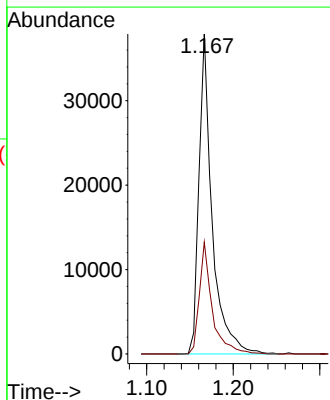
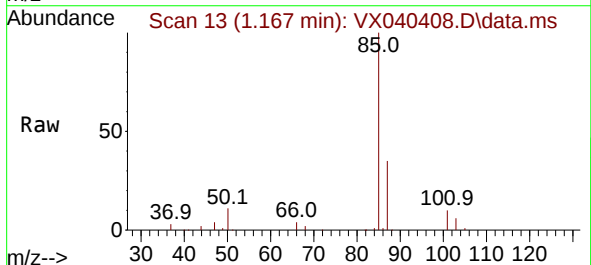
Manual Integrations
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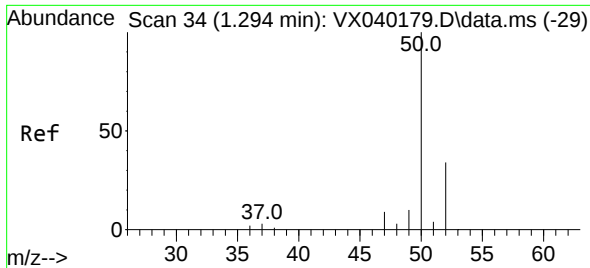
Reviewed By :John Carlone 02/23/2024
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#2
Dichlorodifluoromethane
Concen: 46.874 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

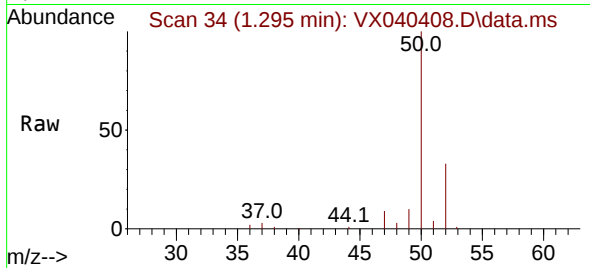
Tgt Ion: 85 Resp: 39918
Ion Ratio Lower Upper
85 100
87 35.0 16.7 50.1





#3
Chloromethane
Concen: 46.890 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

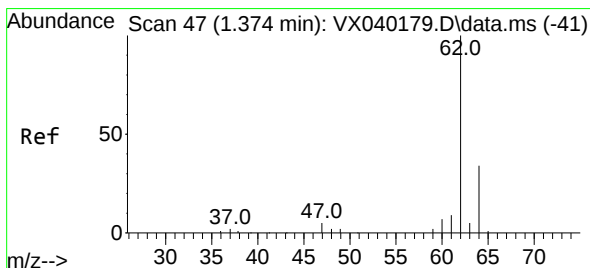
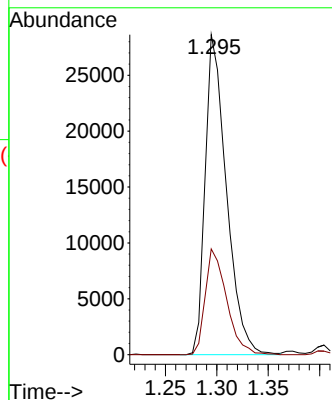
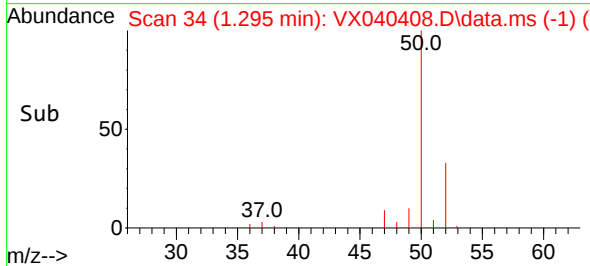
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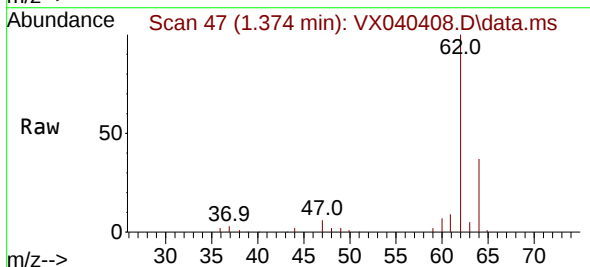
Tgt Ion: 50 Resp: 41178
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

Manual Integrations
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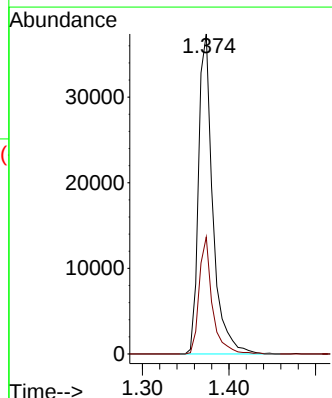
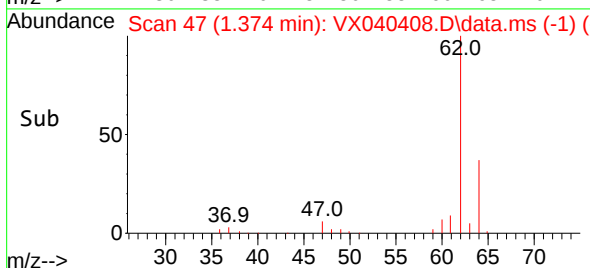
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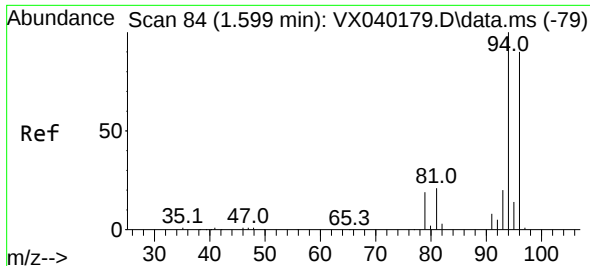


#4
Vinyl Chloride
Concen: 46.096 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



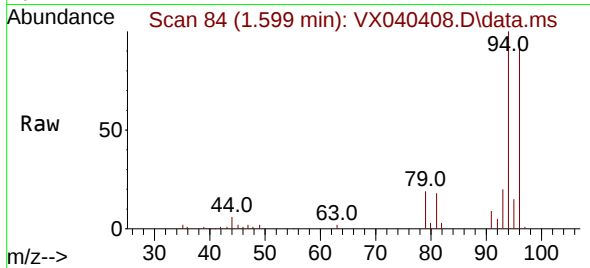
Tgt Ion: 62 Resp: 42778
Ion Ratio Lower Upper
62 100
64 36.5 25.4 38.0





#5
Bromomethane
Concen: 47.730 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

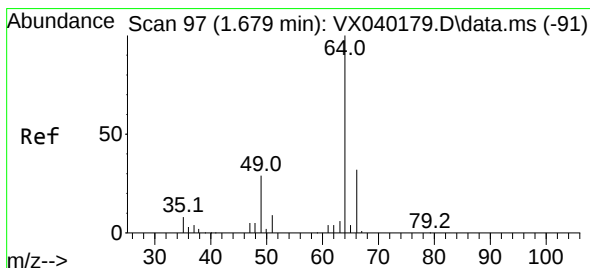
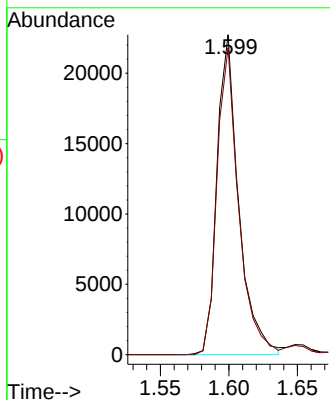
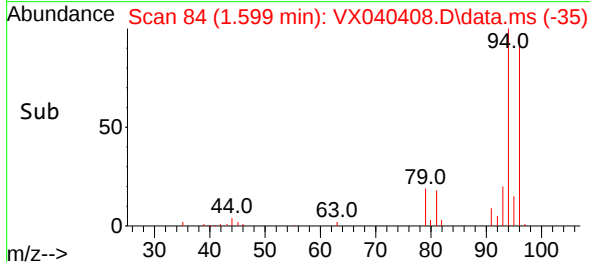
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Tgt Ion: 94 Resp: 24990
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

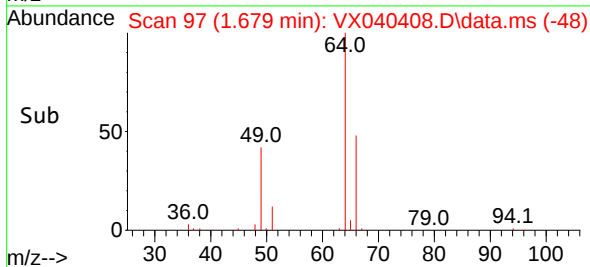
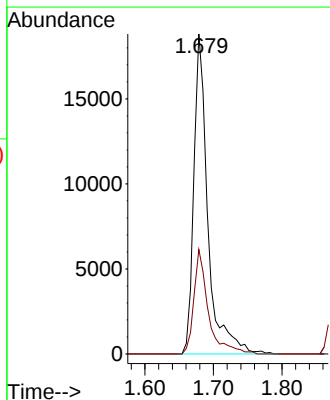
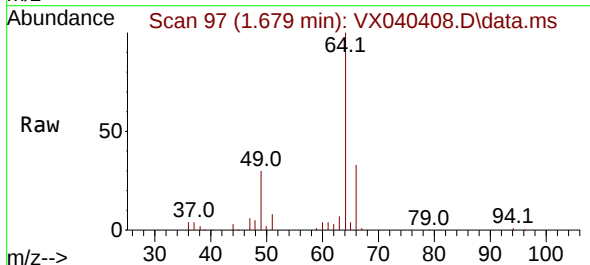
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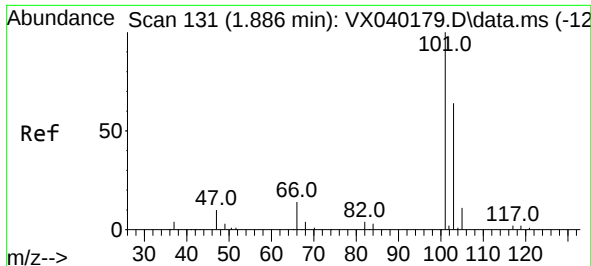
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 45.883 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

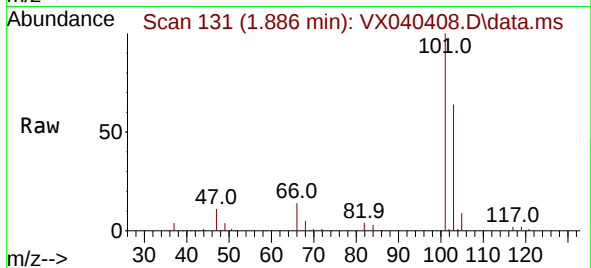
Tgt Ion: 64 Resp: 26855
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.713 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

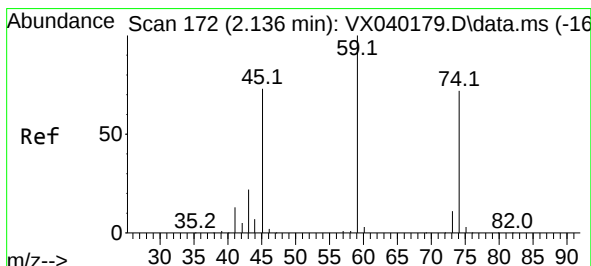
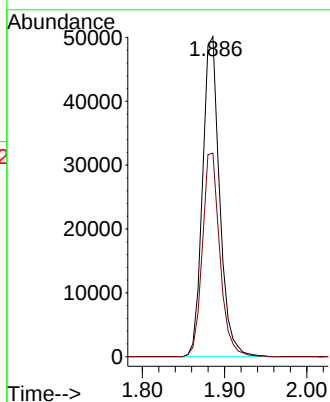
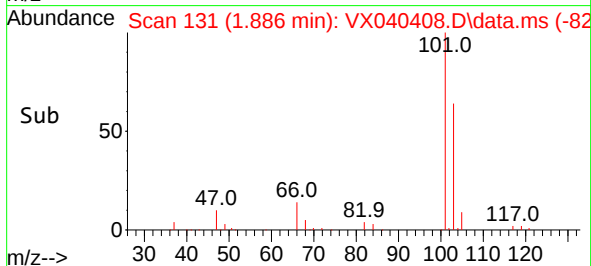
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Tgt Ion:101 Resp: 72600
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

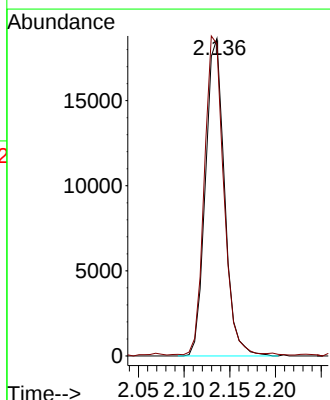
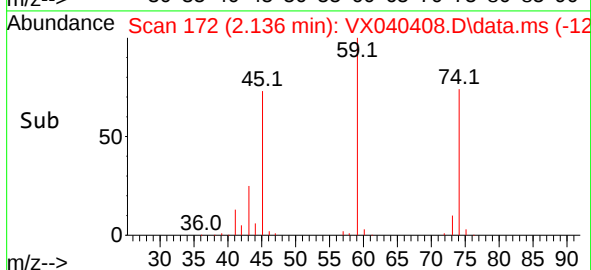
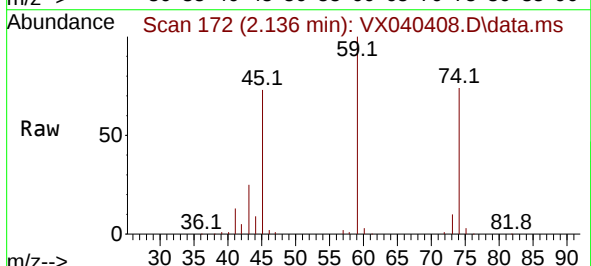
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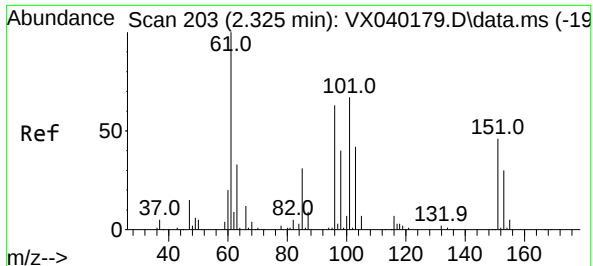
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#8
Diethyl Ether
Concen: 48.192 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 74 Resp: 26980
Ion Ratio Lower Upper
74 100
45 102.6 53.3 159.8





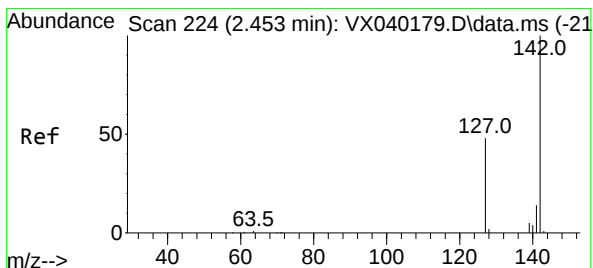
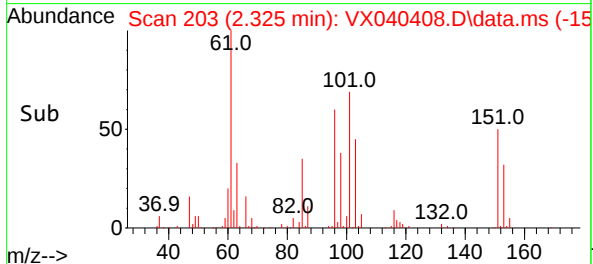
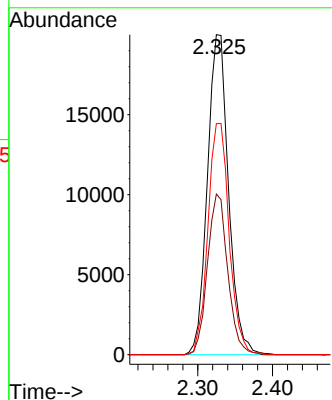
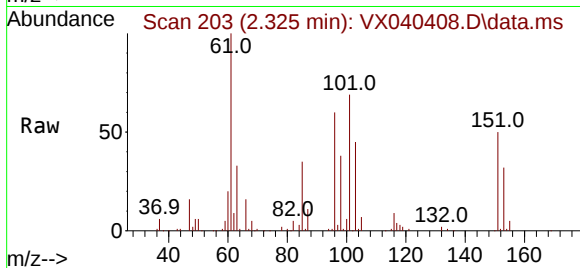
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.266 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 3938
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 72.6 58.6 87.8

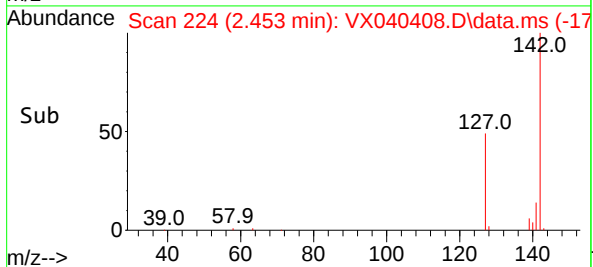
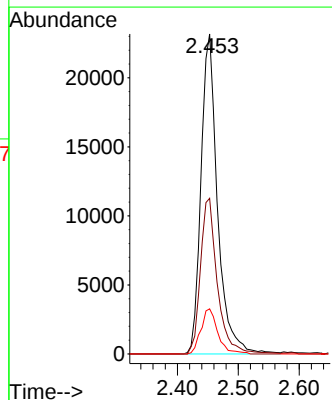
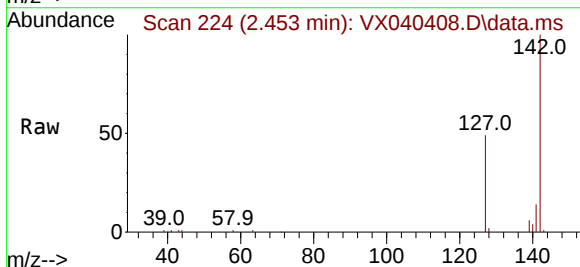
Manual Integrations
APPROVED

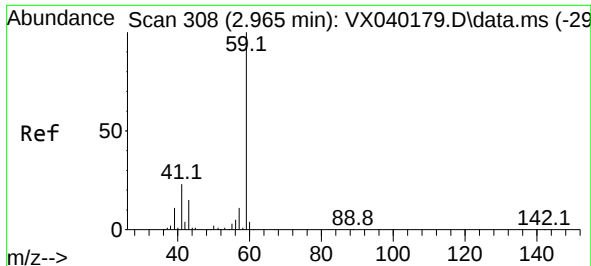
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 49.279 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion:142 Resp: 43737
Ion Ratio Lower Upper
142 100
127 49.7 41.6 62.4
141 14.4 11.6 17.4





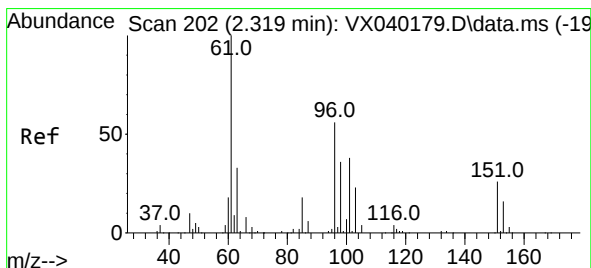
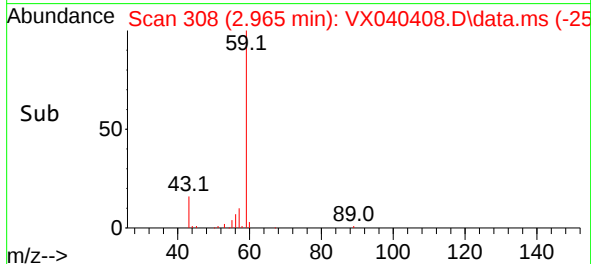
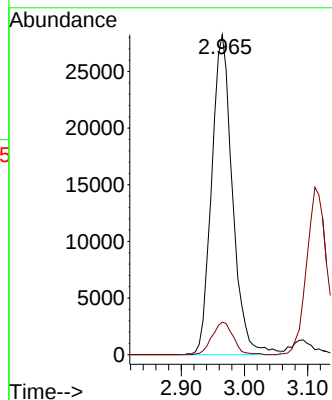
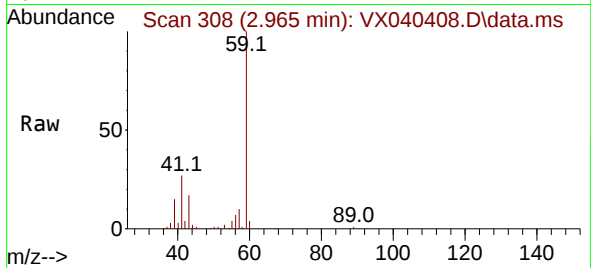
#11
Tert butyl alcohol
Concen: 295.698 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 6460
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

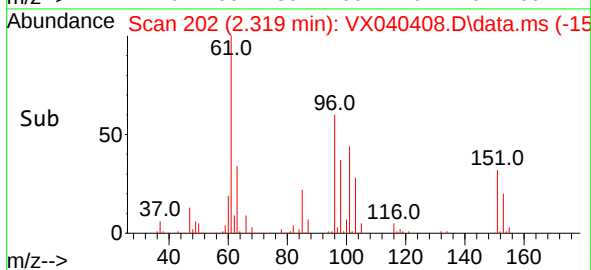
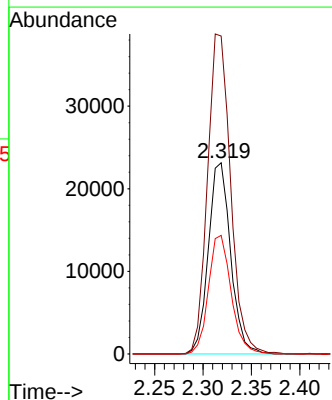
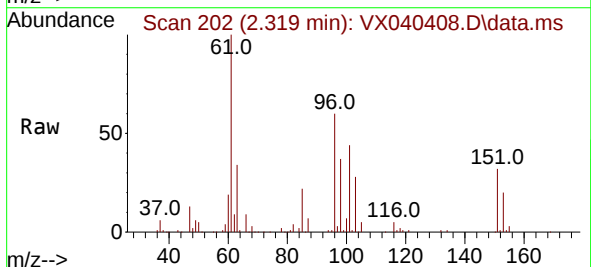
Manual Integrations
APPROVED

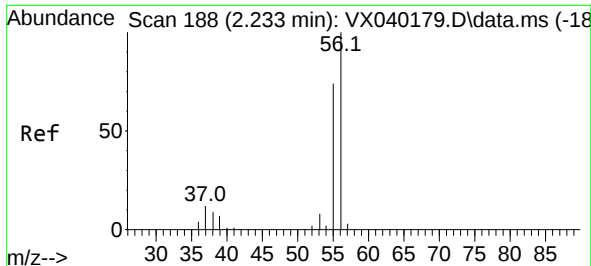
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 48.337 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

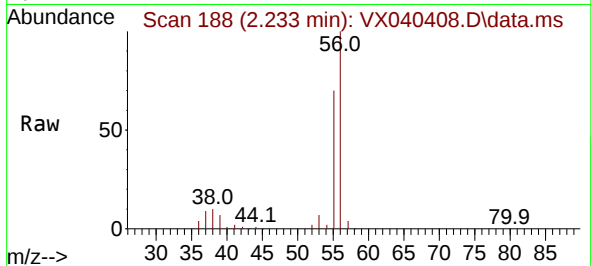
Tgt Ion: 96 Resp: 37206
Ion Ratio Lower Upper
96 100
61 166.2 144.6 216.8
98 62.0 50.4 75.6





#13
Acrolein
Concen: 259.143 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

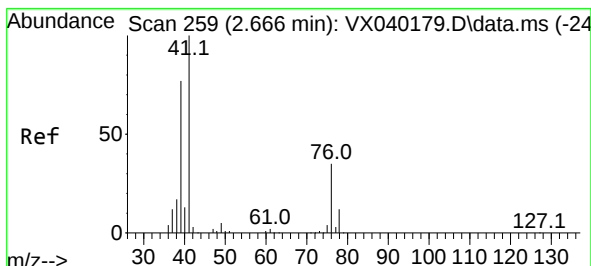
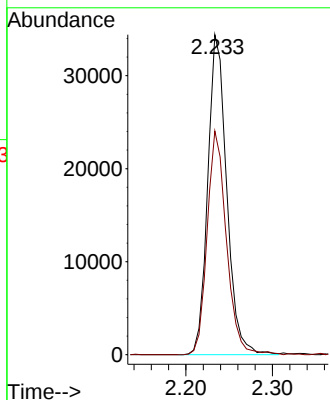
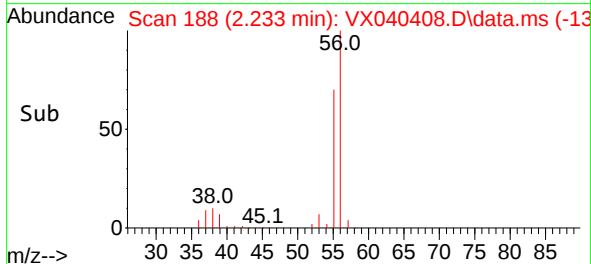
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 52250
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

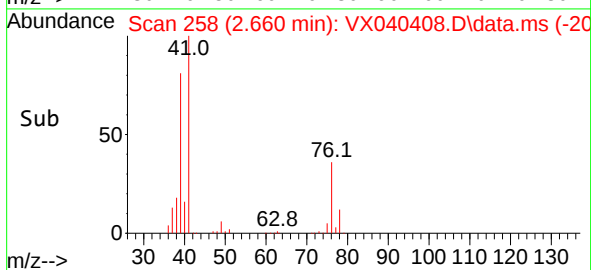
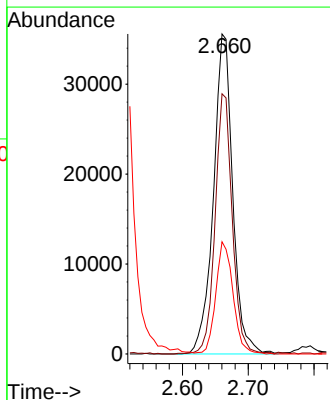
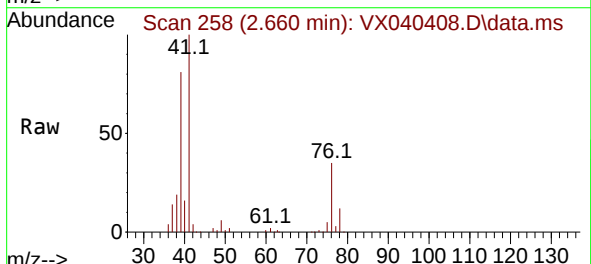
Manual Integrations
APPROVED

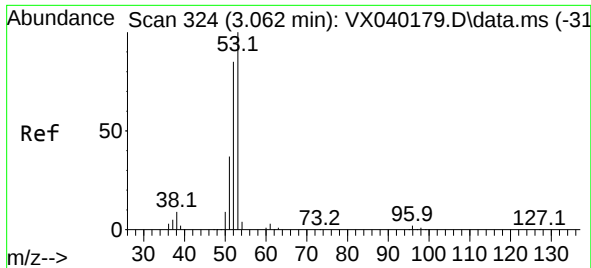
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 54.516 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

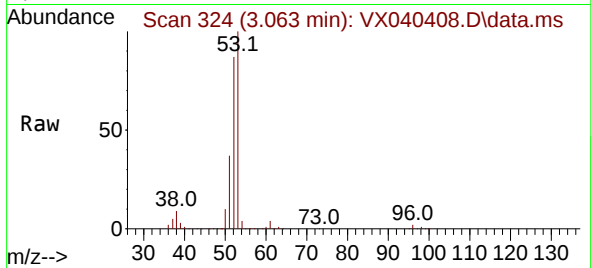
Tgt Ion: 41 Resp: 72820
Ion Ratio Lower Upper
41 100
39 72.5 55.8 83.6
76 31.3 24.3 36.5





#15
Acrylonitrile
Concen: 298.784 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

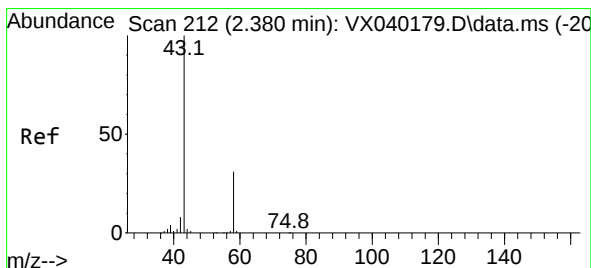
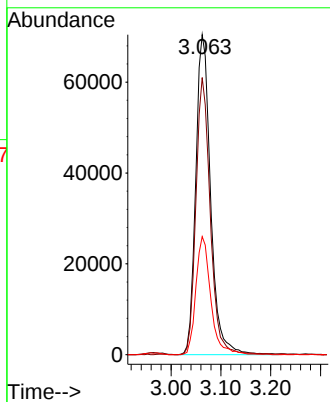
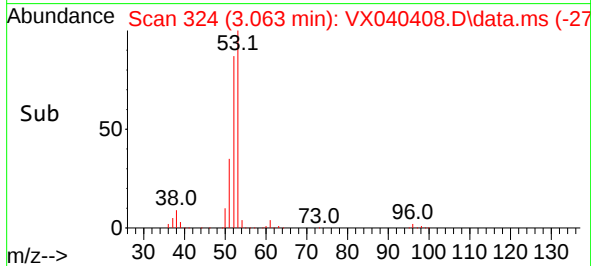
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 146052
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 37.0 29.8 44.6

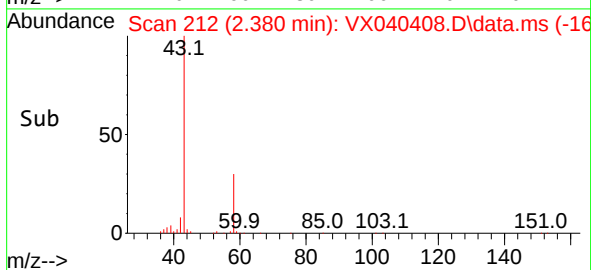
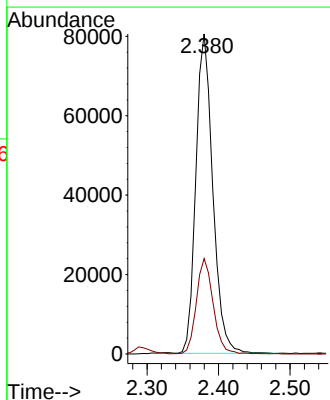
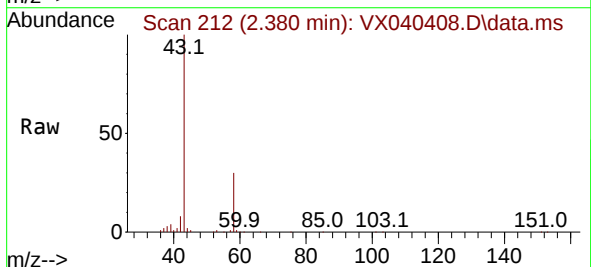
Manual Integrations
APPROVED

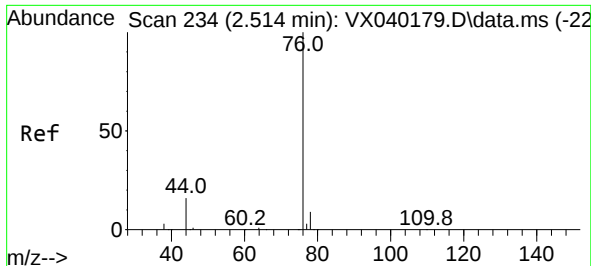
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 286.524 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 43 Resp: 131987
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9





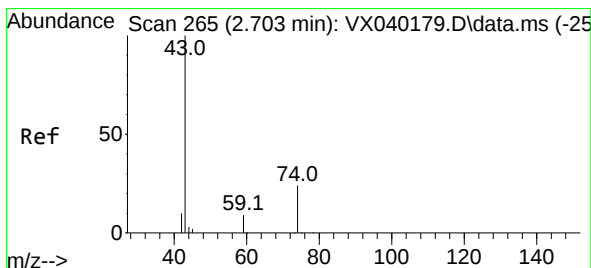
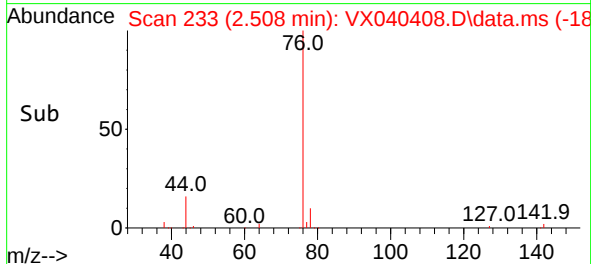
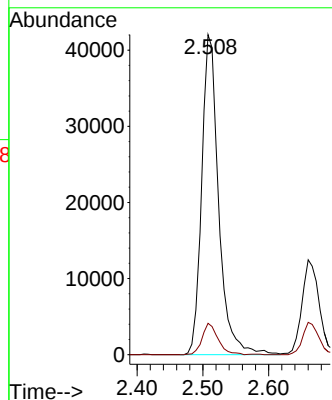
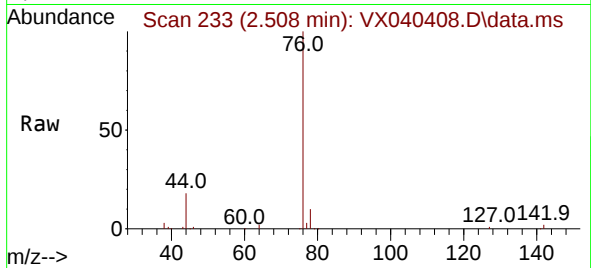
#17
Carbon Disulfide
Concen: 37.049 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 7528
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

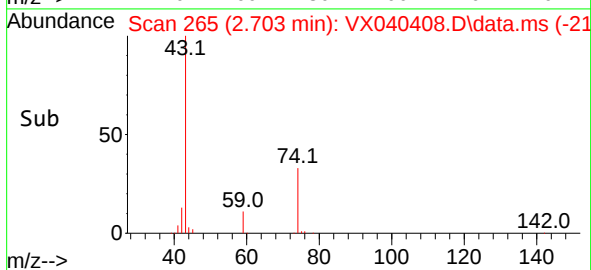
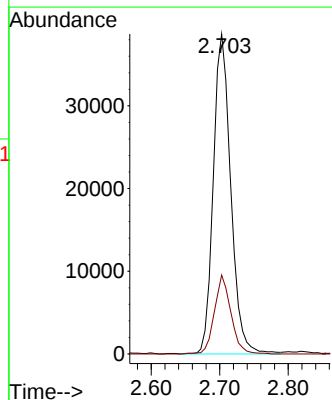
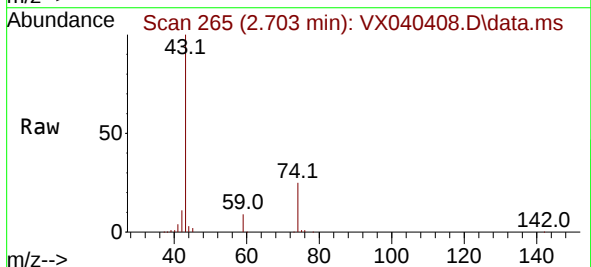
Manual Integrations
APPROVED

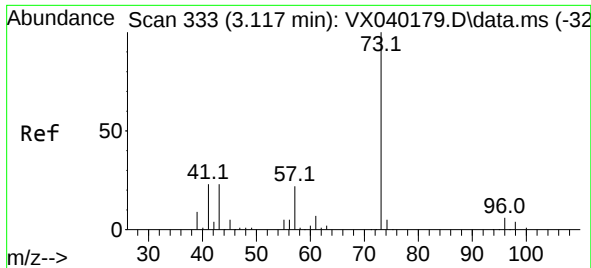
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 55.538 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 43 Resp: 68583
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8





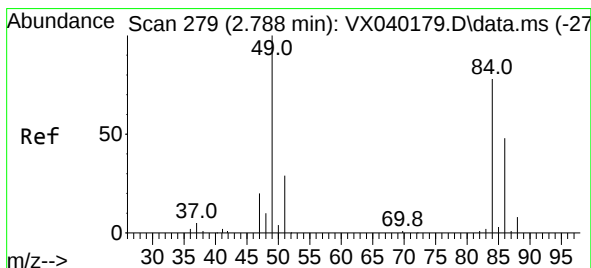
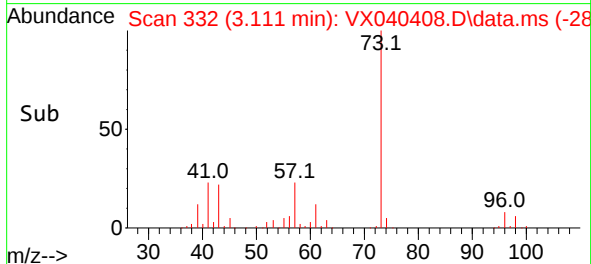
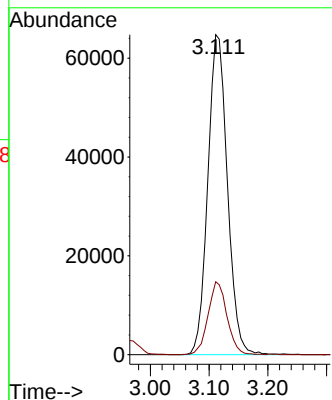
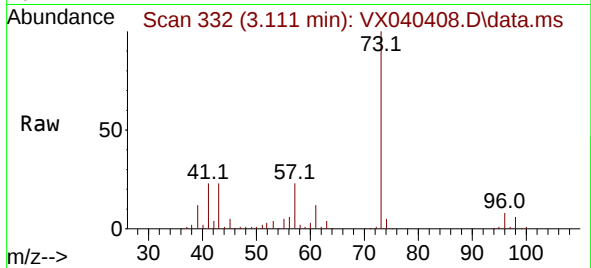
#19
Methyl tert-butyl Ether
Concen: 55.215 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 149725
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

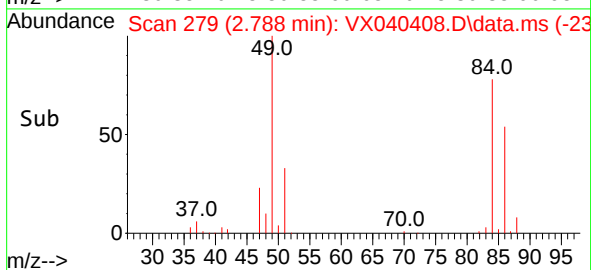
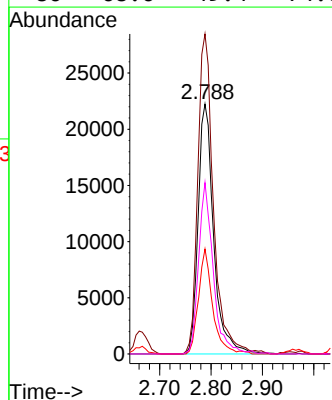
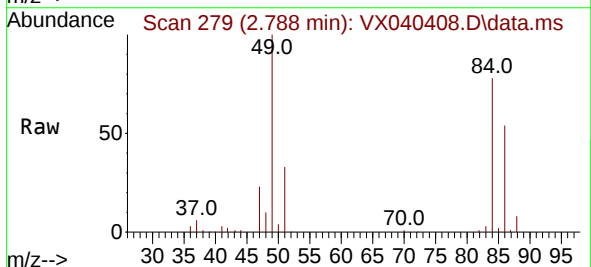
Manual Integrations
APPROVED

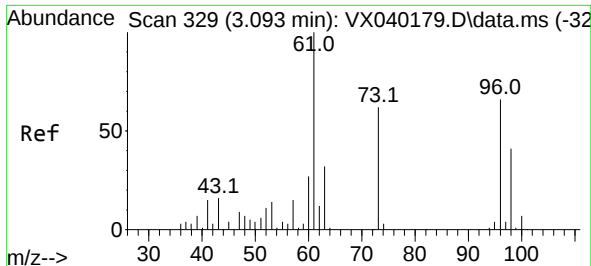
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 54.226 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

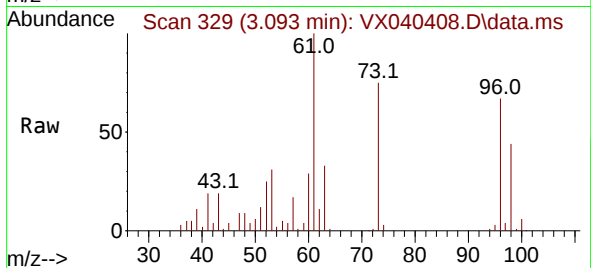
Tgt Ion: 84 Resp: 46712
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 42.0 33.8 50.6
86 68.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.137 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

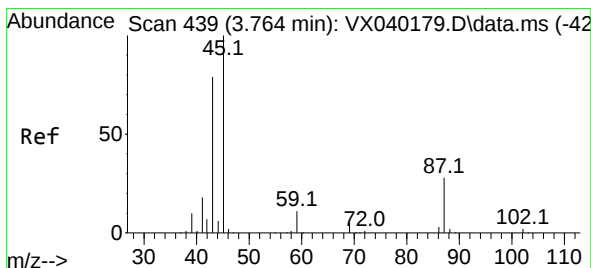
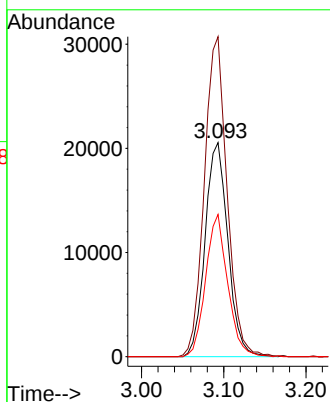
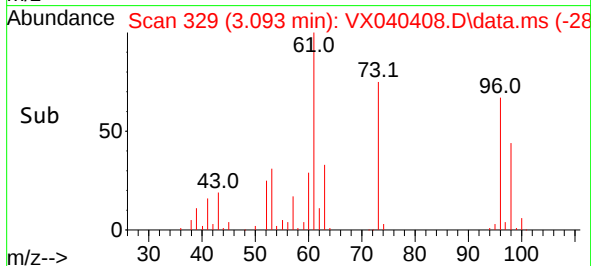
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



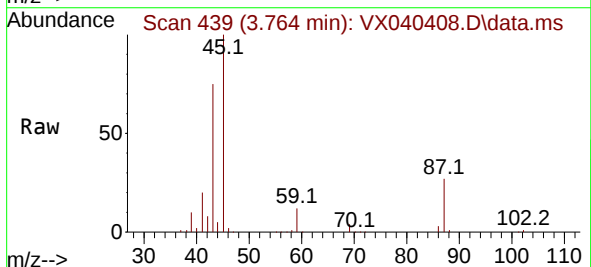
Tgt Ion: 96 Resp: 3956
Ion Ratio Lower Upper
96 100
61 149.5 119.2 178.8
98 66.4 48.7 73.1

Manual Integrations
APPROVED

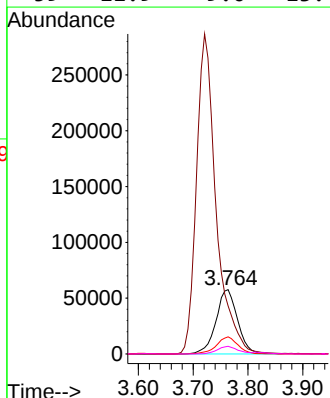
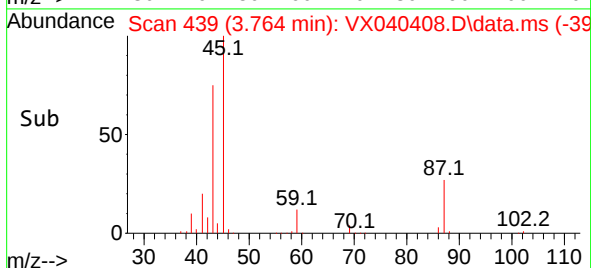
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

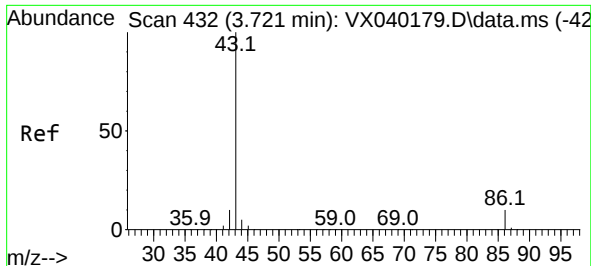


#22
Diisopropyl ether
Concen: 58.118 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion: 45 Resp: 157442
Ion Ratio Lower Upper
45 100
43 74.3 69.7 104.5
87 26.6 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 297.468 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040408.D
 Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

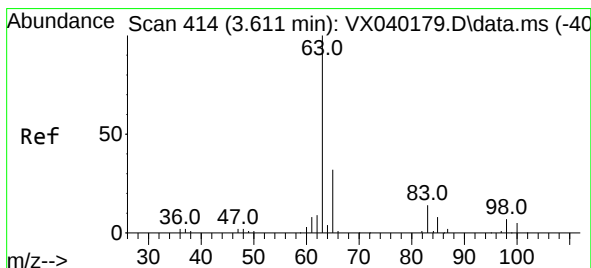
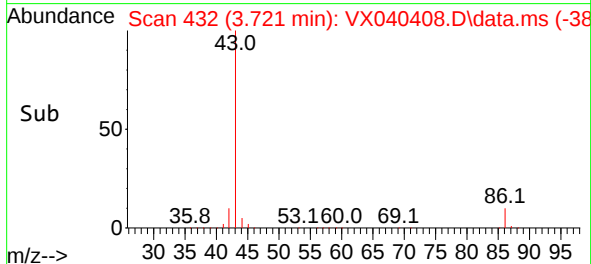
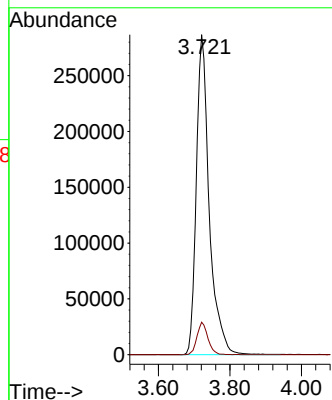
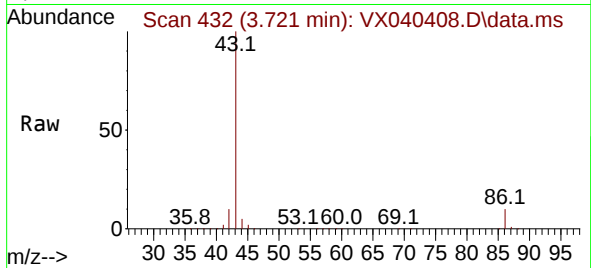
VSTDCCC050EC

Tgt Ion: 43 Resp: 718372
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

Manual Integrations

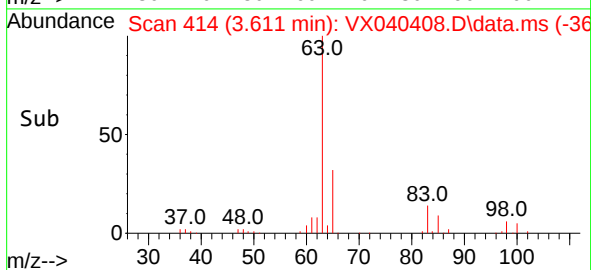
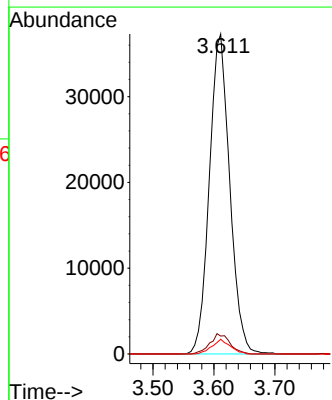
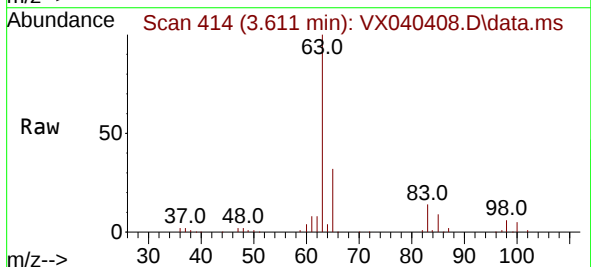
APPROVED

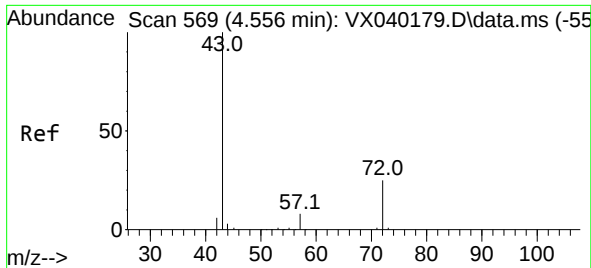
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 54.886 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040408.D
 Acq: 22 Feb 2024 17:44

Tgt Ion: 63 Resp: 86611
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 4.6 2.1 6.5





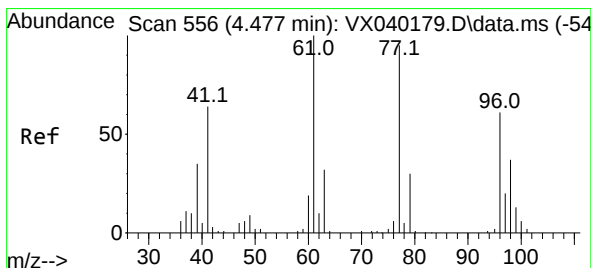
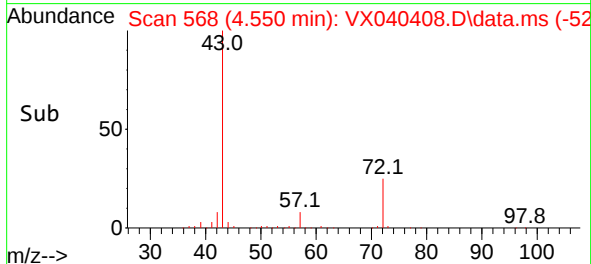
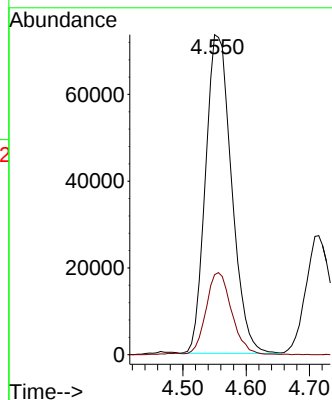
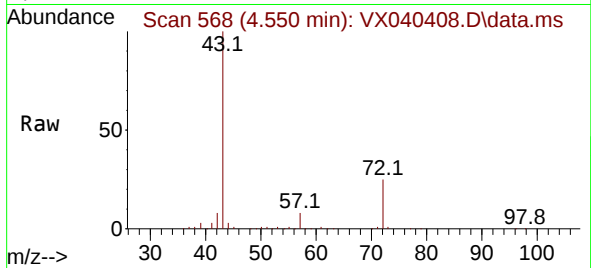
#25
2-Butanone
Concen: 291.501 ug/l
RT: 4.550 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 209897
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

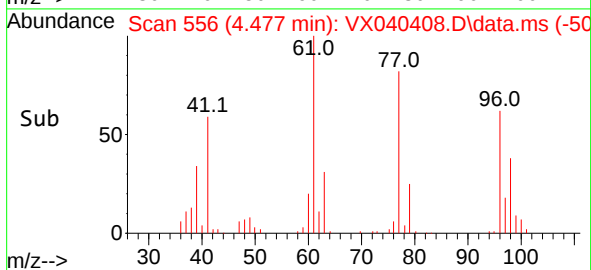
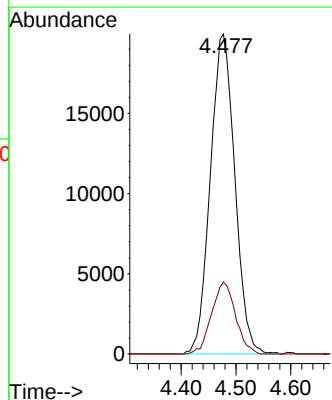
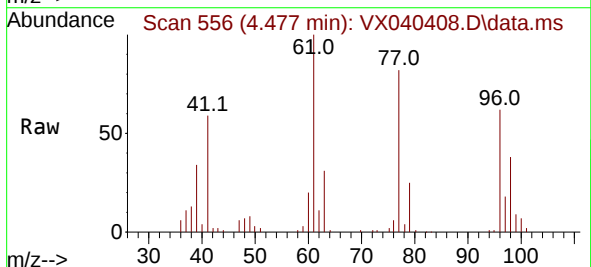
Manual Integrations
APPROVED

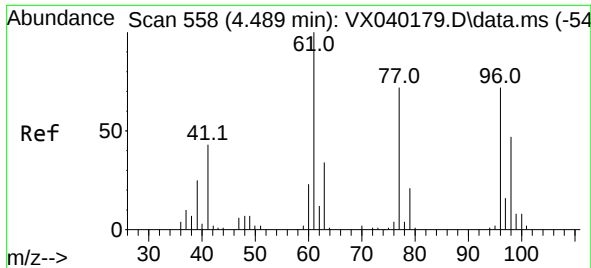
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 50.968 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

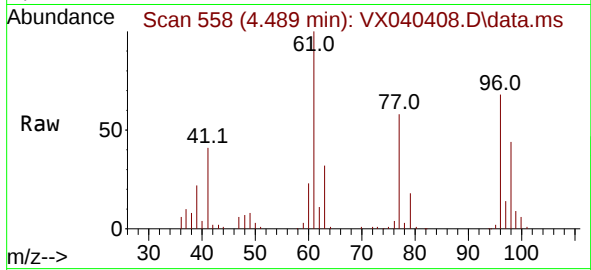
Tgt Ion: 77 Resp: 61913
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 50.195 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

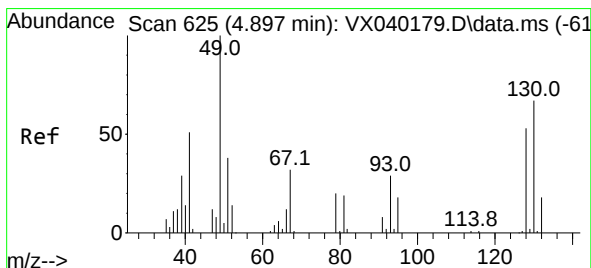
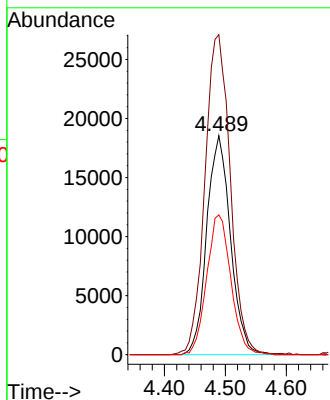
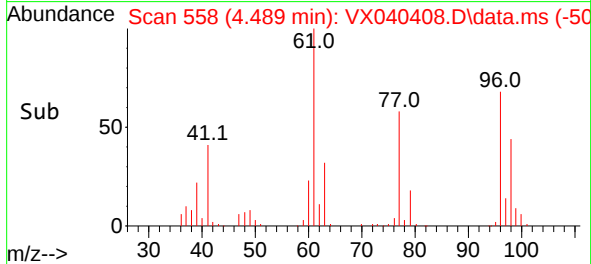
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5019
Ion Ratio Lower Upper
96 100
61 156.2 0.0 312.2
98 65.1 0.0 129.0

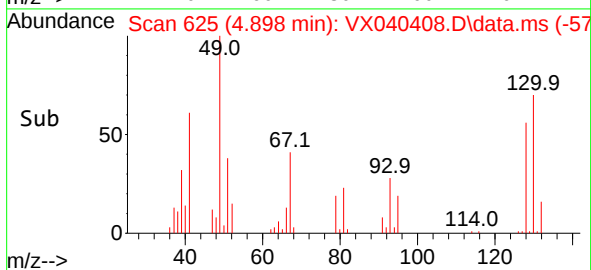
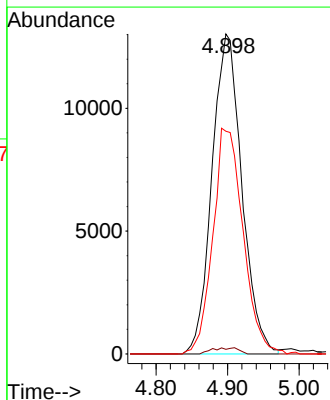
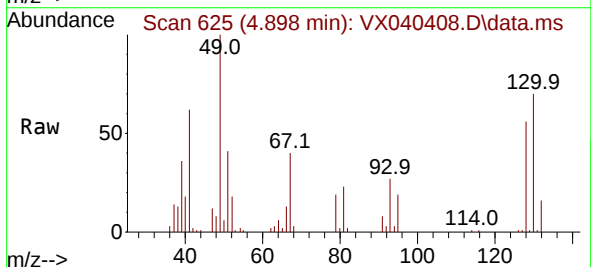
Manual Integrations
APPROVED

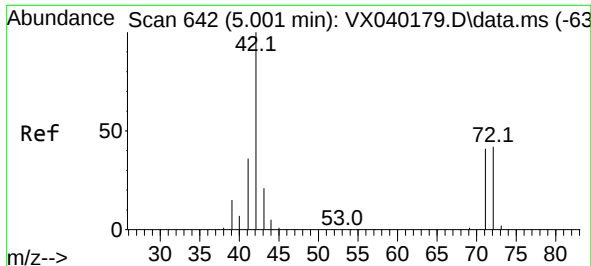
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#28
Bromochloromethane
Concen: 56.404 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 49 Resp: 37789
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 71.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 288.471 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13532

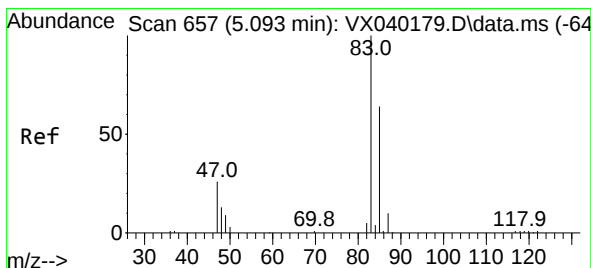
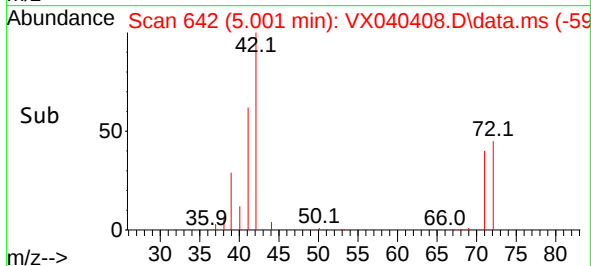
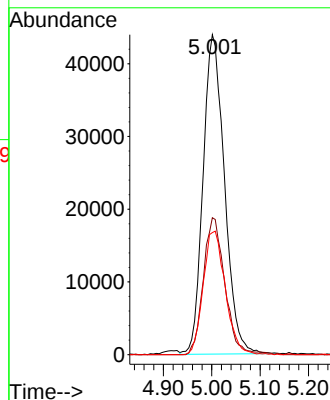
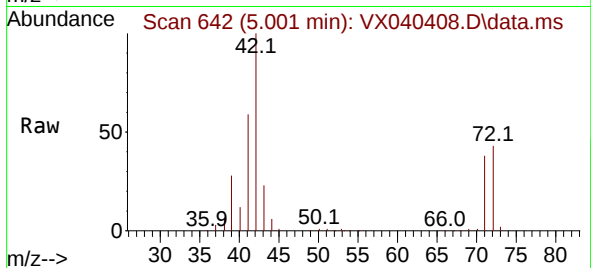
Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.2	51.4
71	40.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#30

Chloroform

Concen: 53.858 ug/l

RT: 5.093 min Scan# 657

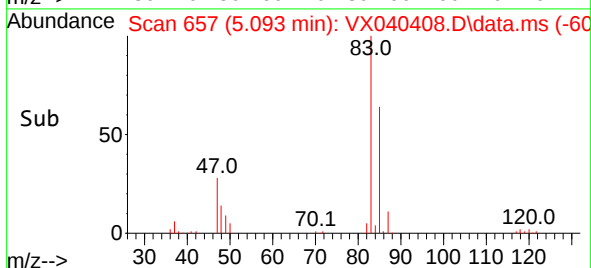
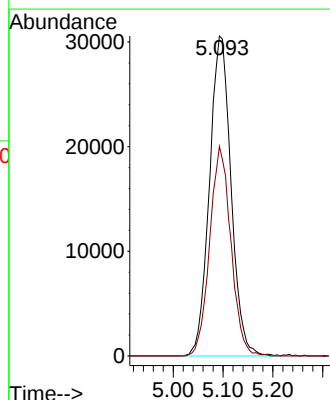
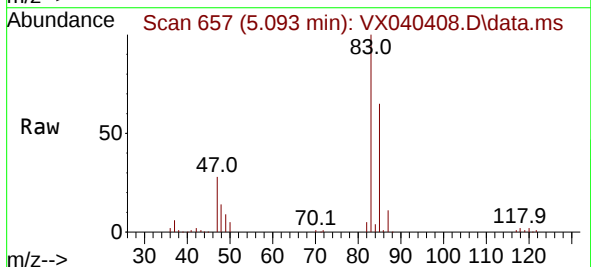
Delta R.T. -0.006 min

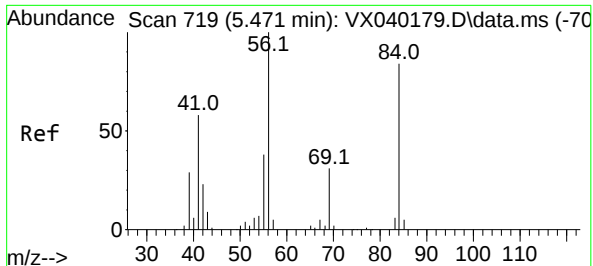
Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Tgt Ion: 83 Resp: 91888

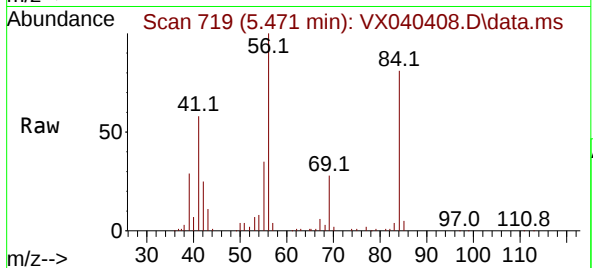
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 46.332 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

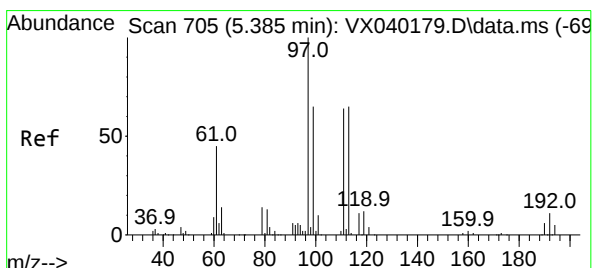
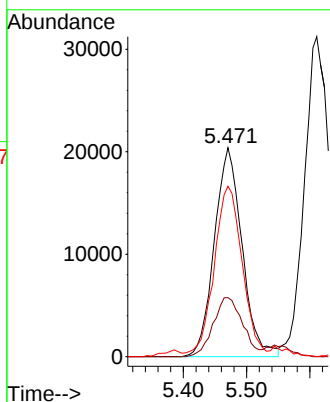
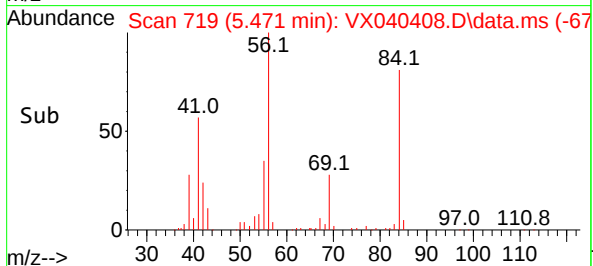
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 61983
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 79.1 65.9 98.9

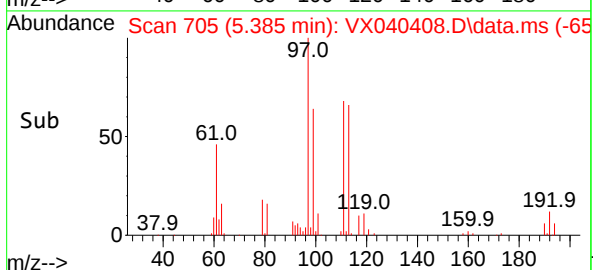
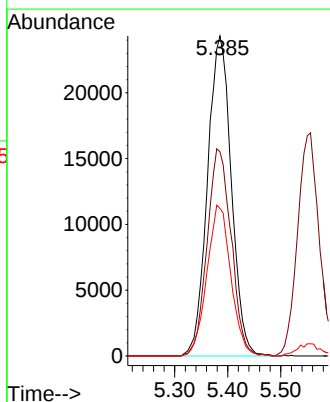
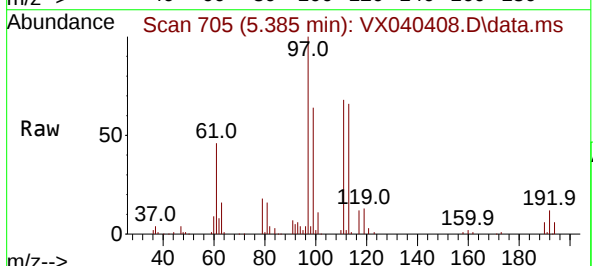
Manual Integrations
APPROVED

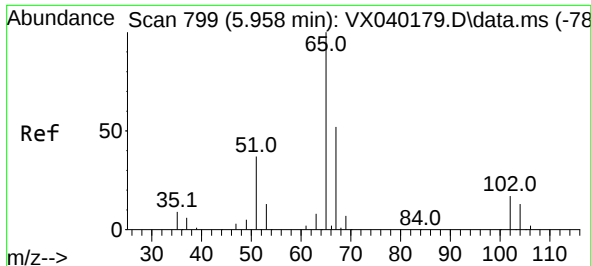
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#32
1,1,1-Trichloroethane
Concen: 52.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 97 Resp: 75810
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 47.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.543 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6229

Ion Ratio Lower Upper

65 100

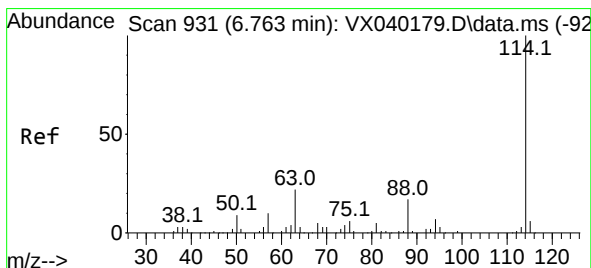
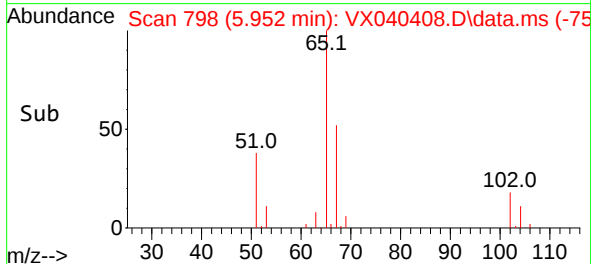
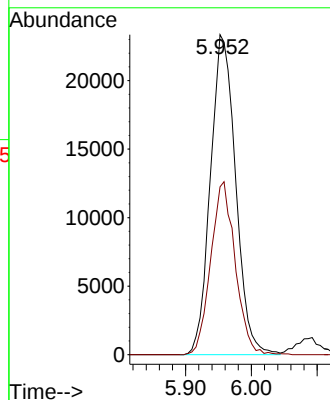
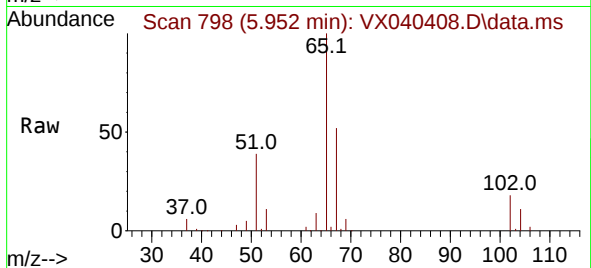
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

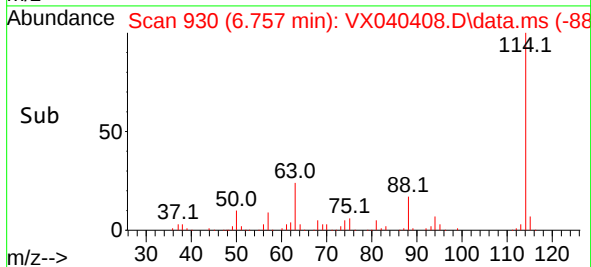
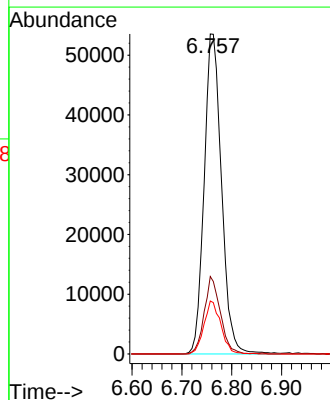
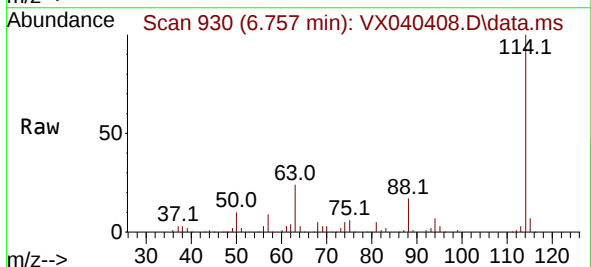
Tgt Ion:114 Resp: 129445

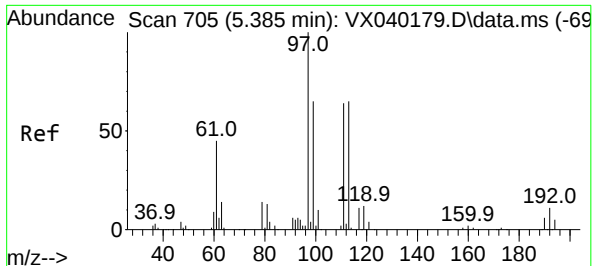
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.575 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 4662

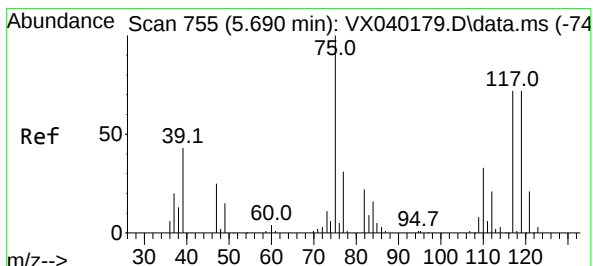
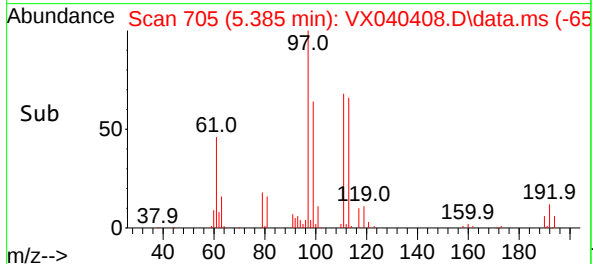
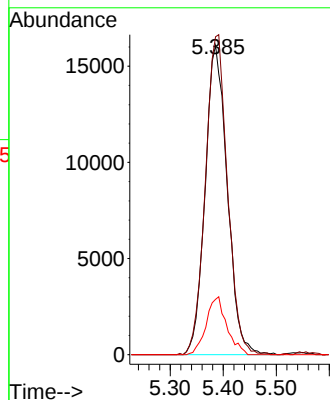
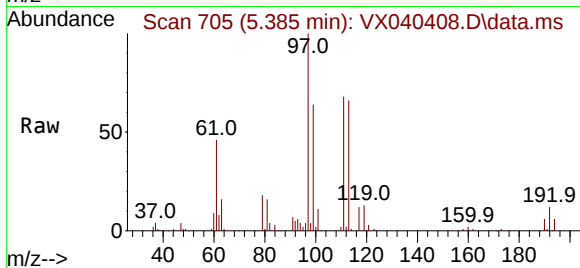
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	17.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 48.096 ug/l

RT: 5.690 min Scan# 755

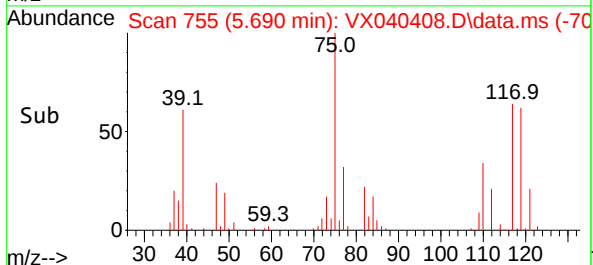
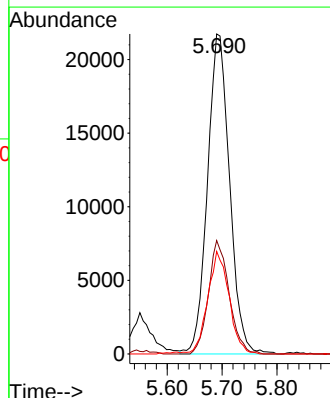
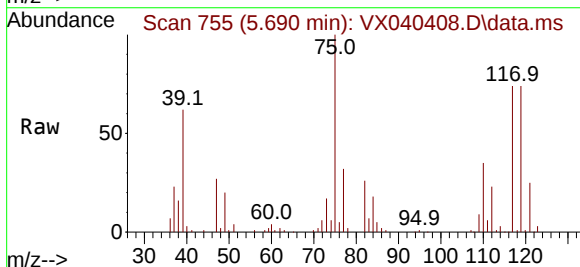
Delta R.T. -0.006 min

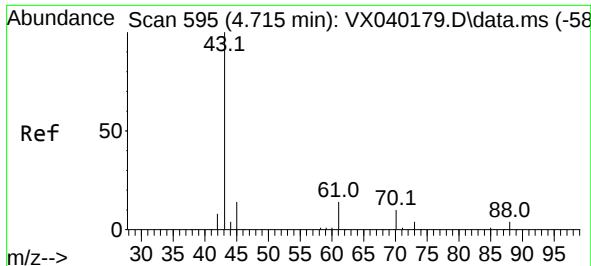
Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Tgt Ion: 75 Resp: 60905

Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.0	50.9
77	30.7	24.7	37.1





#37

Ethyl Acetate

Concen: 55.499 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

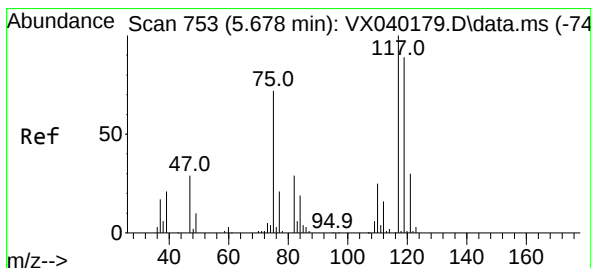
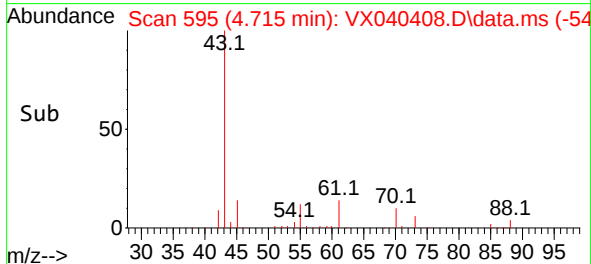
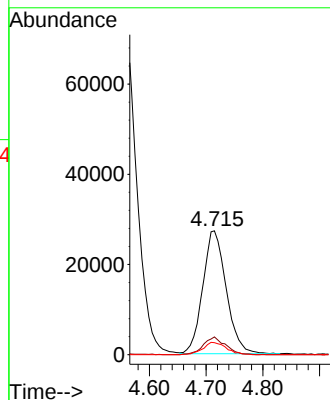
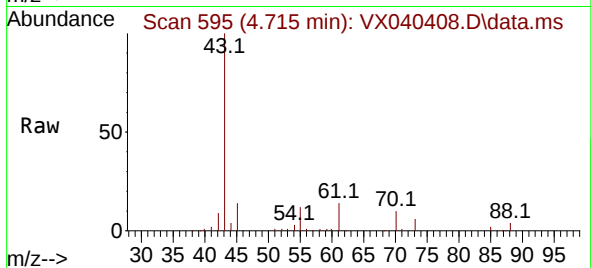
Tgt Ion:	43	Resp:	78199
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	10.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#38

Carbon Tetrachloride

Concen: 49.789 ug/l

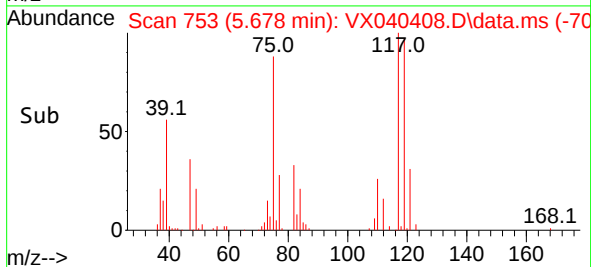
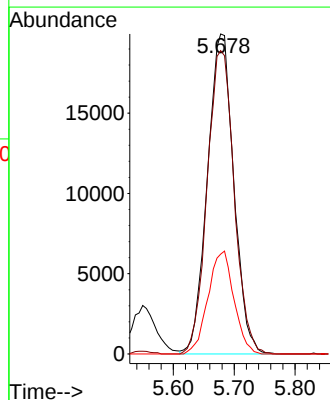
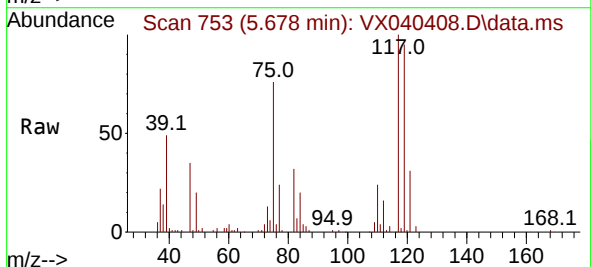
RT: 5.678 min Scan# 753

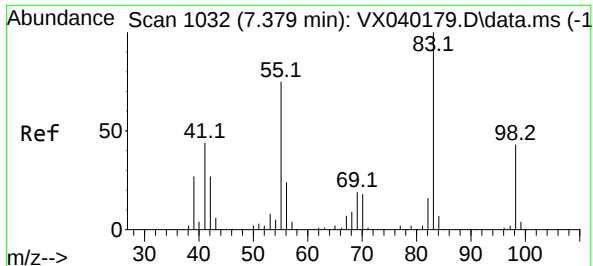
Delta R.T. 0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Tgt Ion:	117	Resp:	59947
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	31.2	24.4	36.6





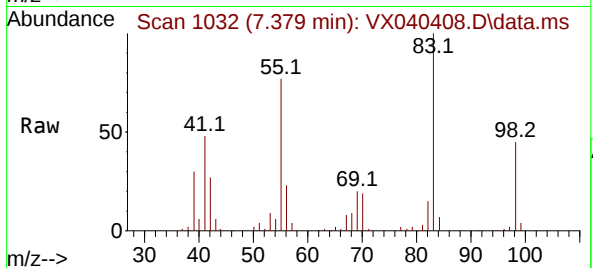
#39
Methylcyclohexane
Concen: 42.565 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



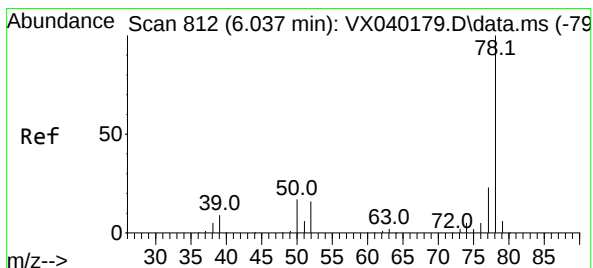
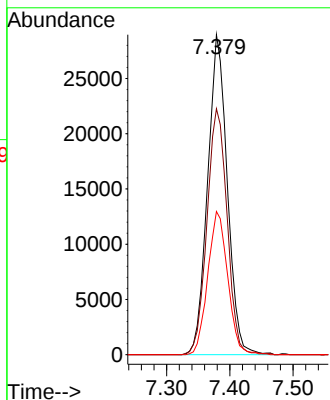
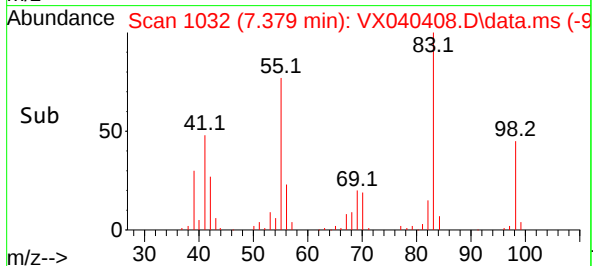
Tgt Ion: 83 Resp: 62640
Ion Ratio Lower Upper
83 100
55 76.8 64.6 97.0
98 44.7 36.7 55.1

Manual Integrations

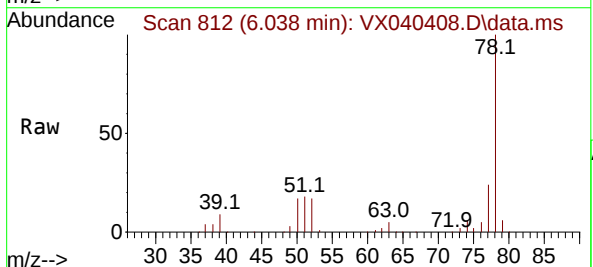
APPROVED

Reviewed By :John Carlone 02/23/2024

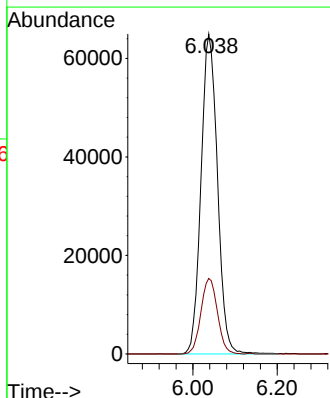
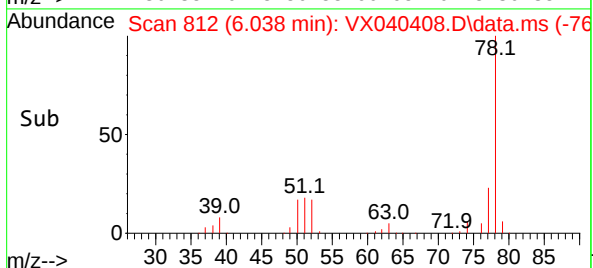
Supervised By :Mahesh Dadoda 02/23/2024

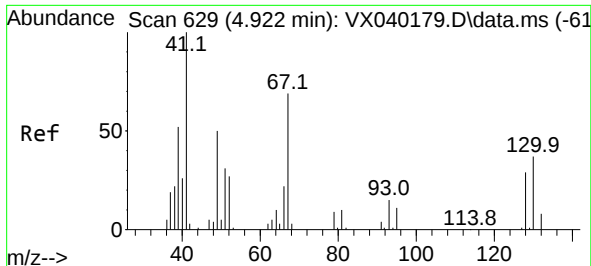


#40
Benzene
Concen: 49.723 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



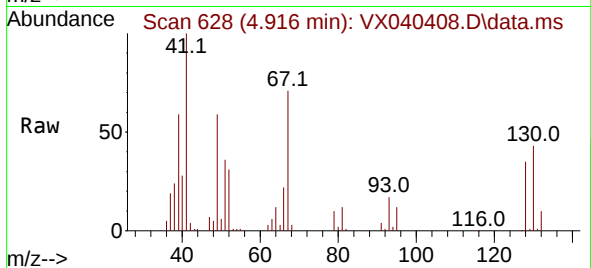
Tgt Ion: 78 Resp: 176078
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 59.268 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

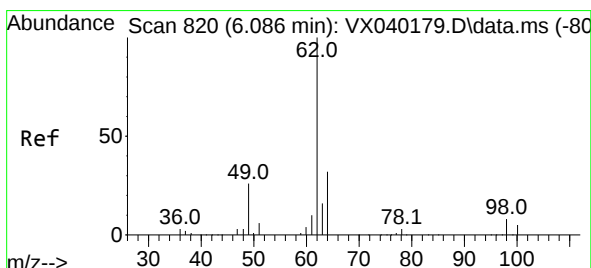
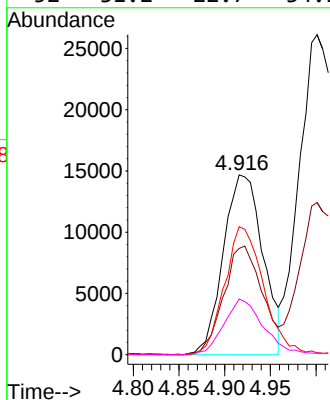
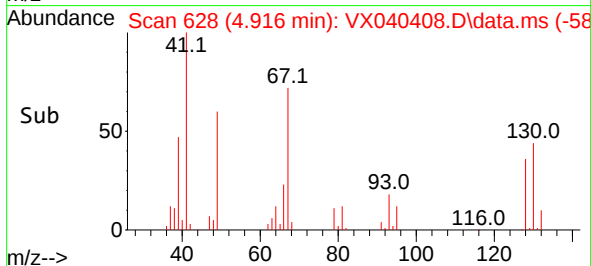
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4427
Ion Ratio Lower Upper
41 100
39 59.0 45.2 67.8
67 70.5 52.6 78.8
52 31.2 22.7 34.1

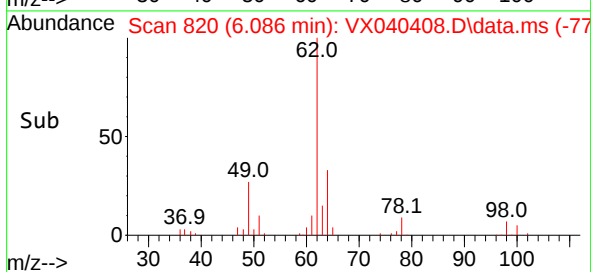
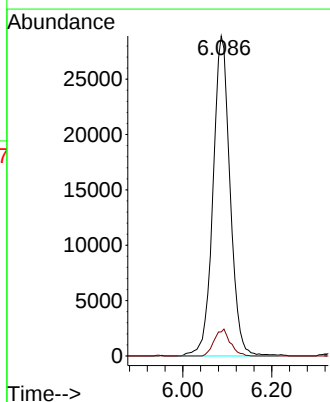
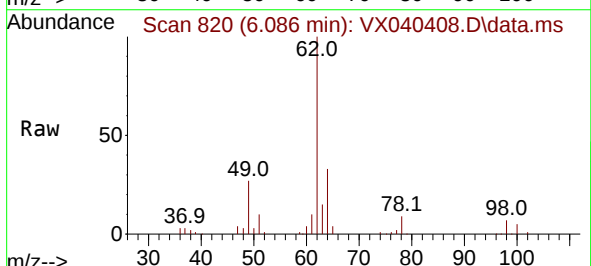
Manual Integrations
APPROVED

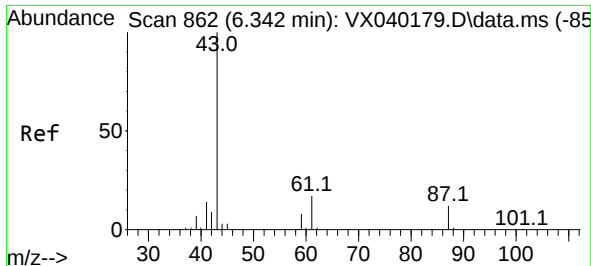
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 55.592 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 62 Resp: 76947
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 57.256 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 125938

Ion Ratio Lower Upper

43 100

61 18.1 15.2 22.8

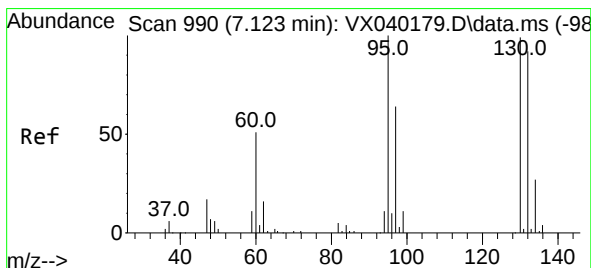
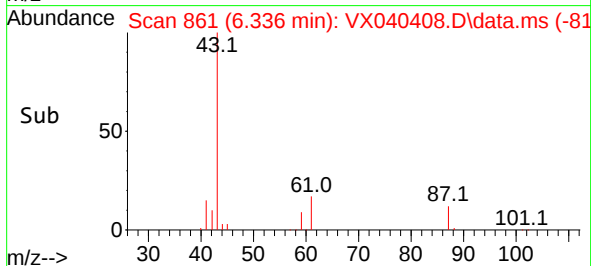
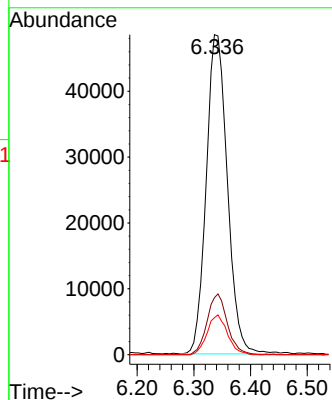
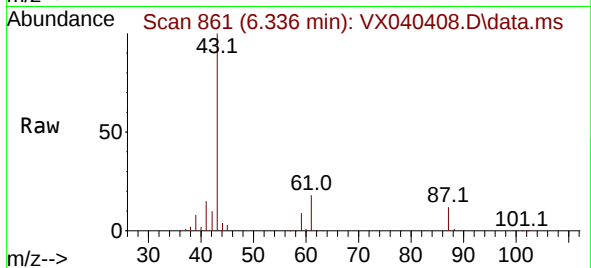
87 11.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#44

Trichloroethene

Concen: 47.676 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040408.D

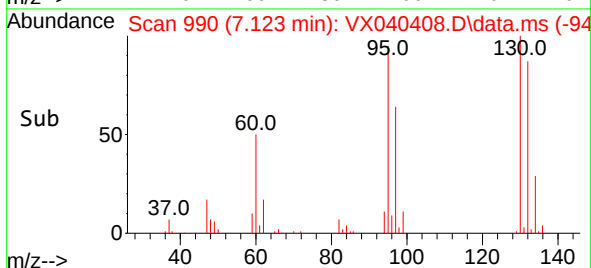
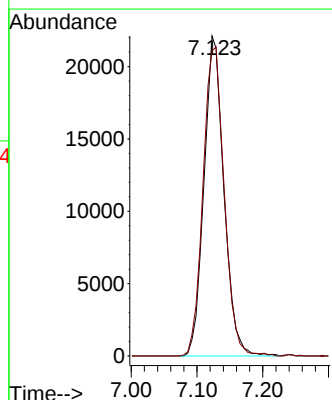
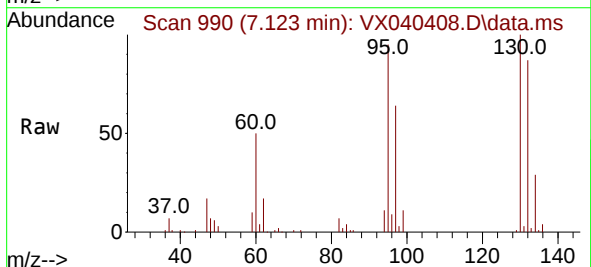
Acq: 22 Feb 2024 17:44

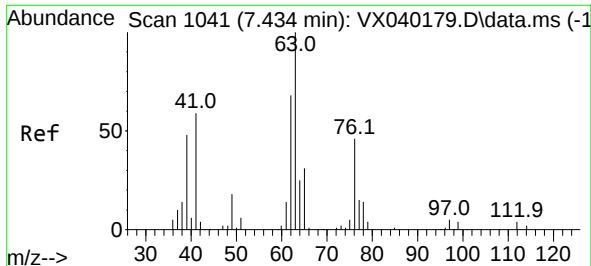
Tgt Ion:130 Resp: 46570

Ion Ratio Lower Upper

130 100

95 95.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.244 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4999

Ion Ratio Lower Upper

63 100

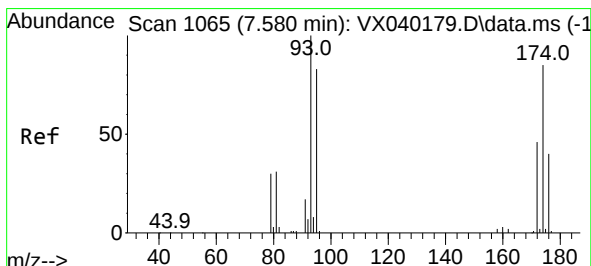
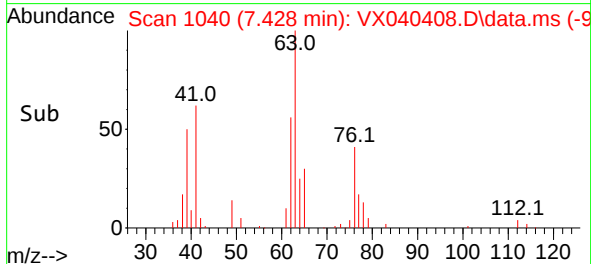
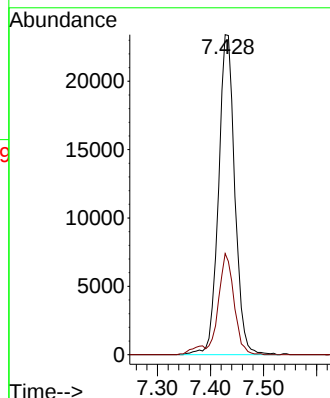
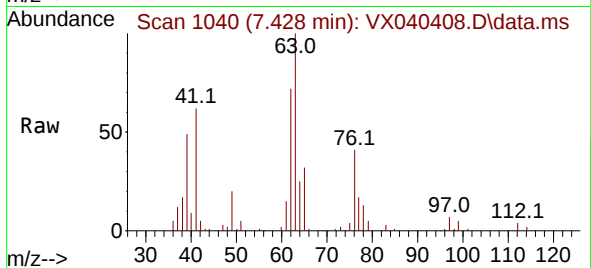
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 52.660 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

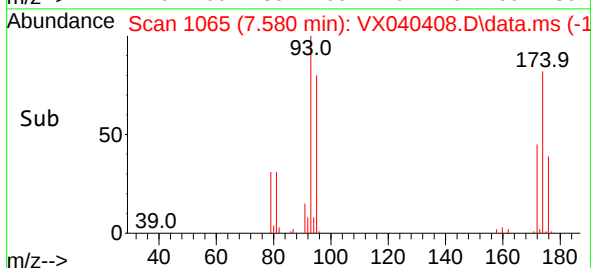
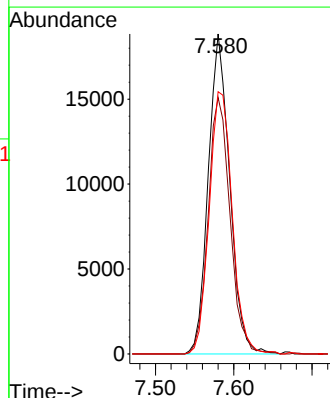
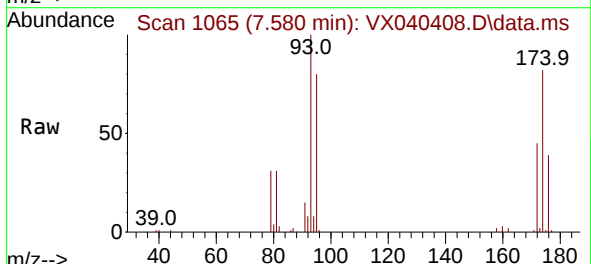
Tgt Ion: 93 Resp: 35747

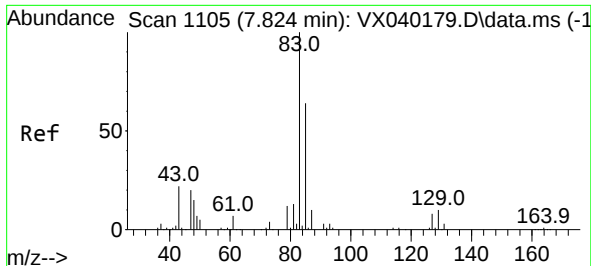
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 88.1 69.4 104.0





#47
Bromodichloromethane
Concen: 55.358 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

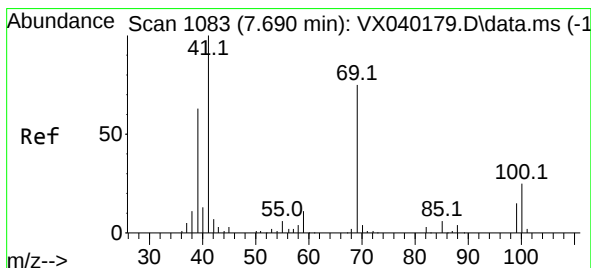
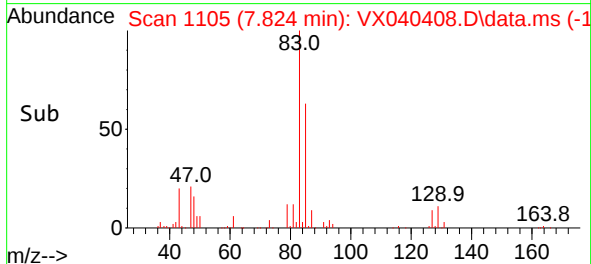
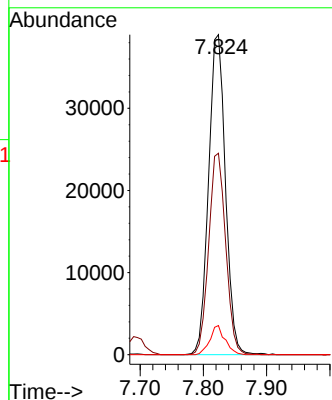
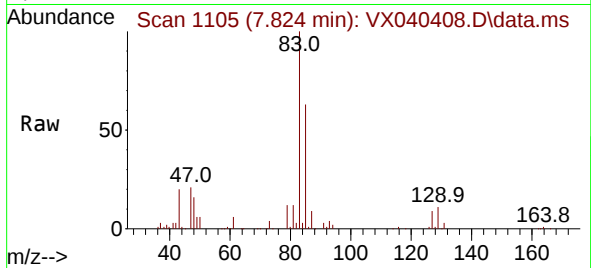
VSTDCCC050EC

Tgt Ion: 83 Resp: 72408
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 9.1 7.1 10.7

Manual Integrations

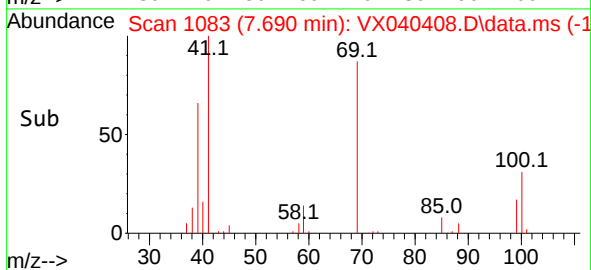
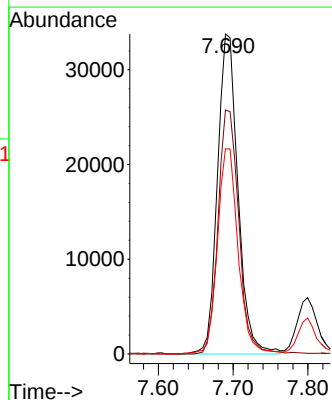
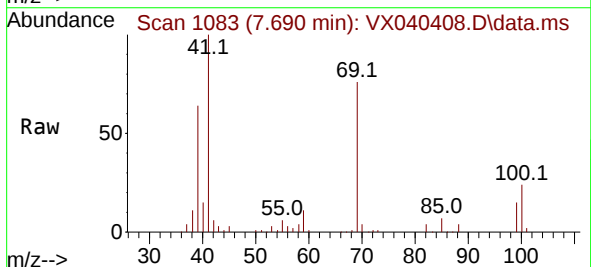
APPROVED

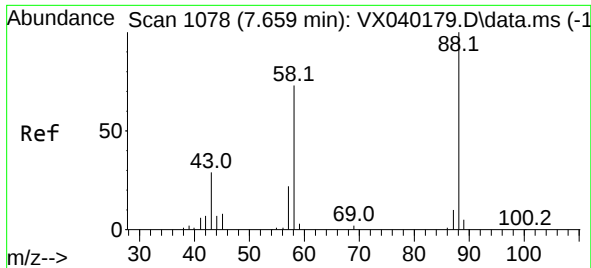
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 57.193 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

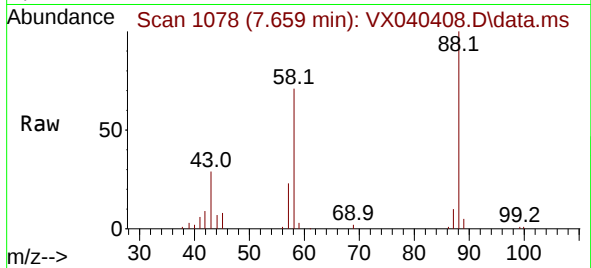
Tgt Ion: 41 Resp: 64369
Ion Ratio Lower Upper
41 100
69 77.0 59.2 88.8
39 64.8 47.7 71.5





#49
1,4-Dioxane
Concen: 983.446 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

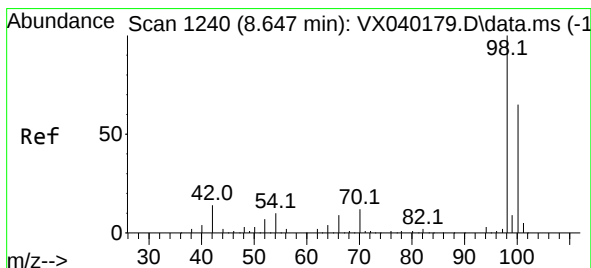
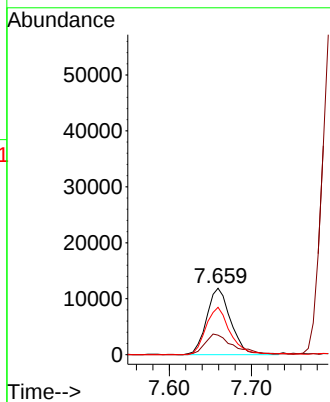
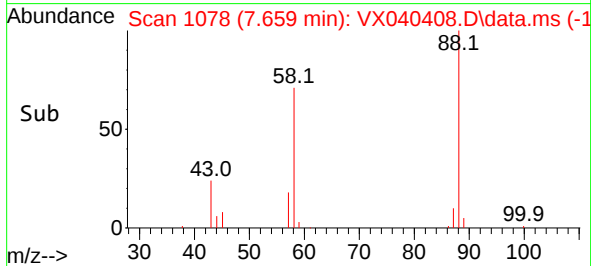
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 24079
Ion Ratio Lower Upper
88 100
43 37.0 0.0 0.0
58 71.9 60.1 90.1

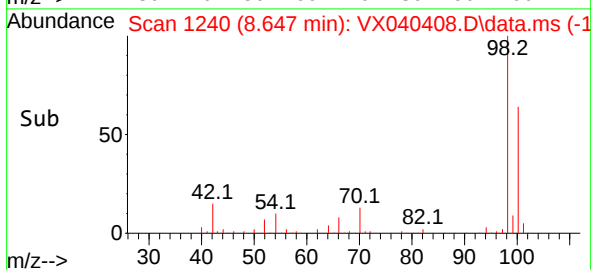
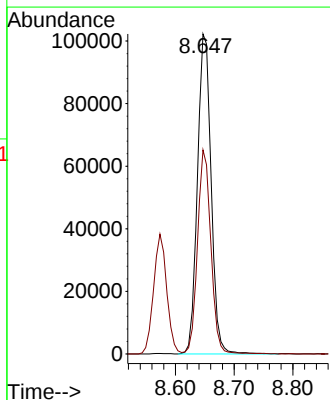
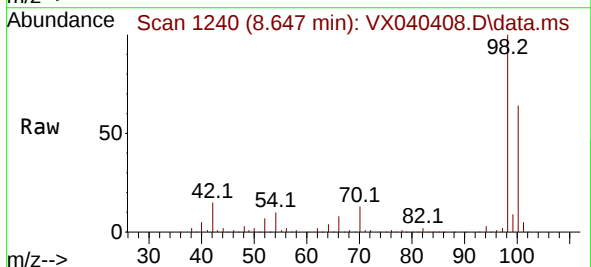
Manual Integrations
APPROVED

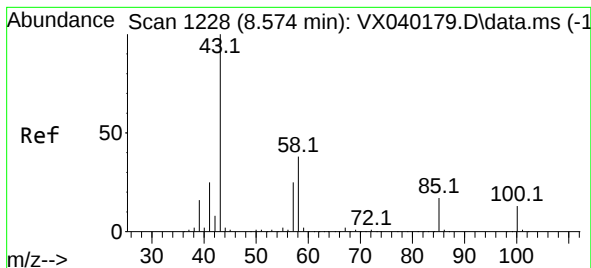
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#50
Toluene-d8
Concen: 49.020 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 98 Resp: 165761
Ion Ratio Lower Upper
98 100
100 61.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 292.629 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 43945

Ion Ratio Lower Upper

43 100

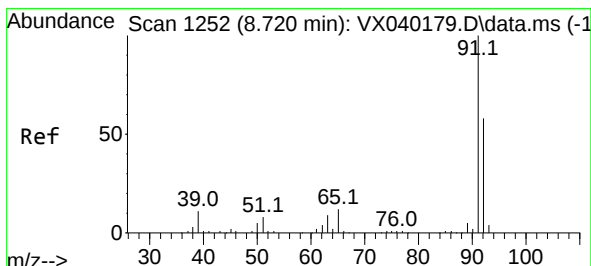
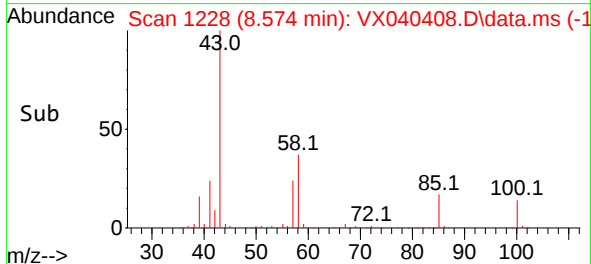
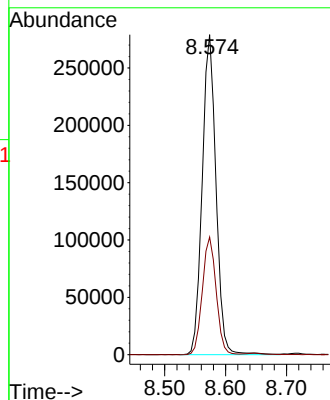
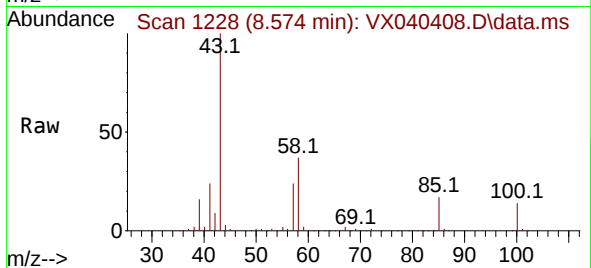
58 36.7 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#52

Toluene

Concen: 47.886 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040408.D

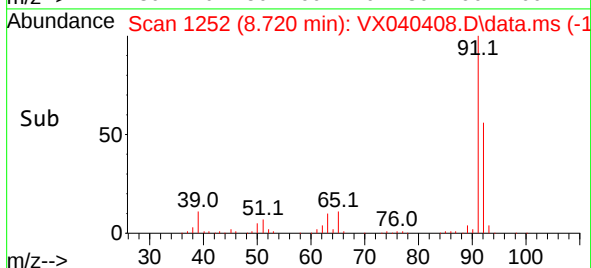
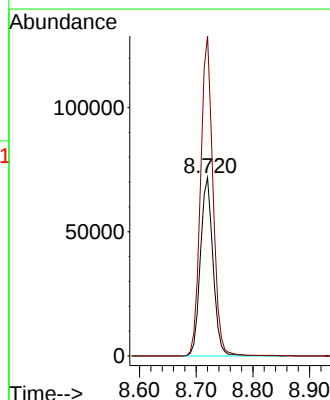
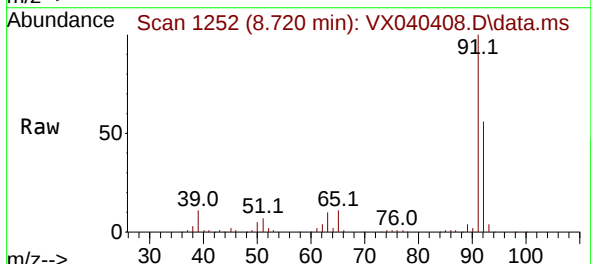
Acq: 22 Feb 2024 17:44

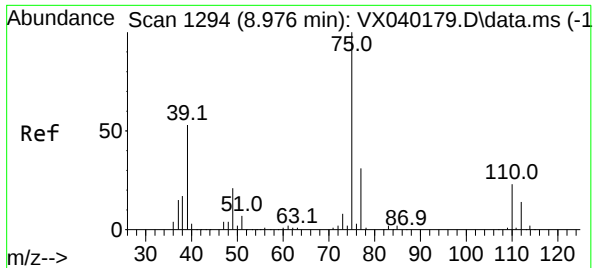
Tgt Ion: 92 Resp: 111073

Ion Ratio Lower Upper

92 100

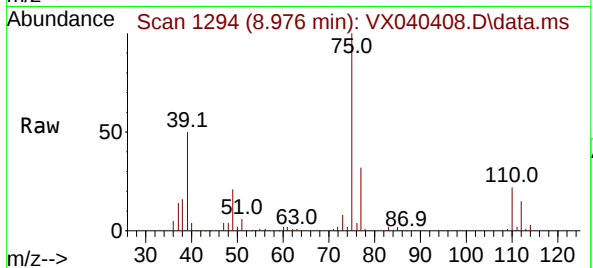
91 176.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 47.218 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

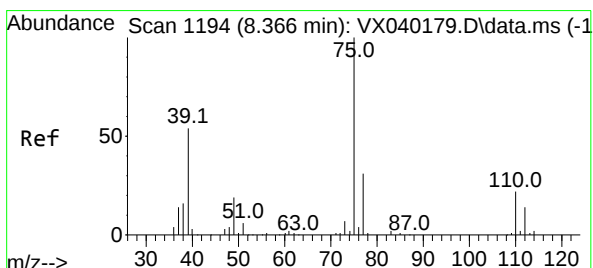
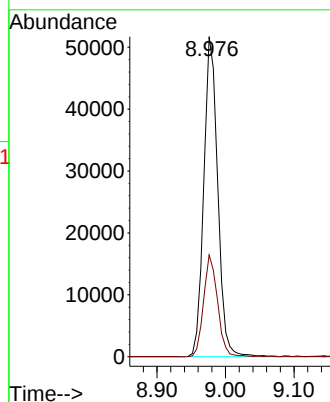
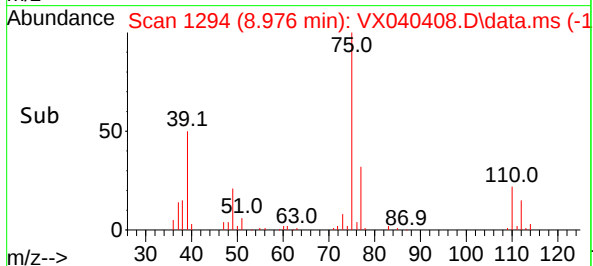
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



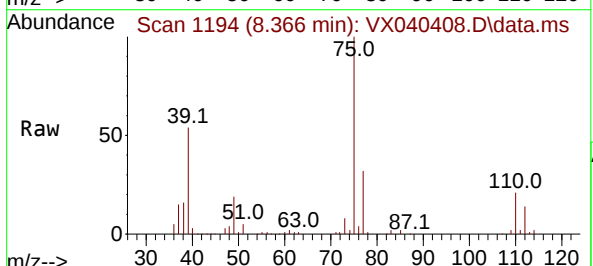
Tgt Ion: 75 Resp: 7338
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations
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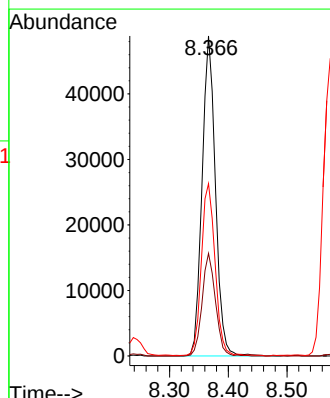
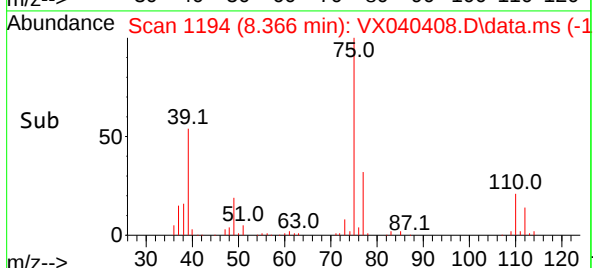
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

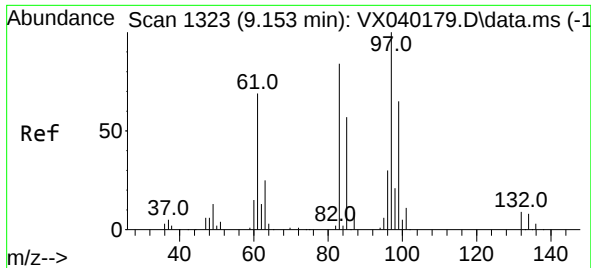


#54
cis-1,3-Dichloropropene
Concen: 52.698 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



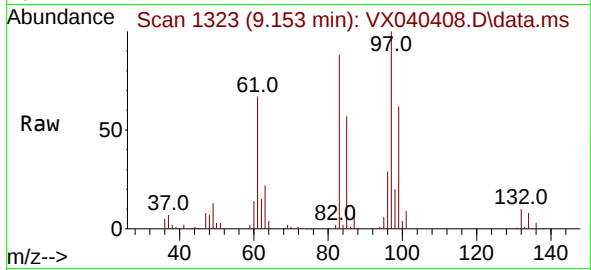
Tgt Ion: 75 Resp: 77249
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 53.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.106 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

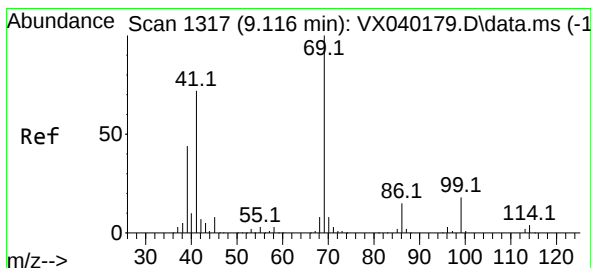
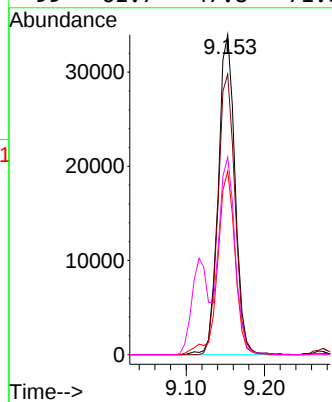
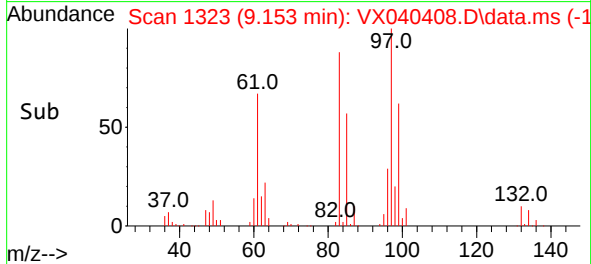


Tgt Ion: 97 Resp: 50560

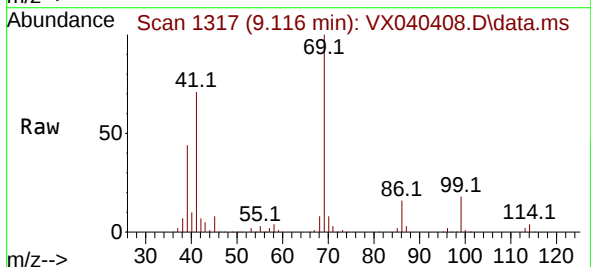
Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.8
85	57.3	41.6	62.4
99	61.7	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

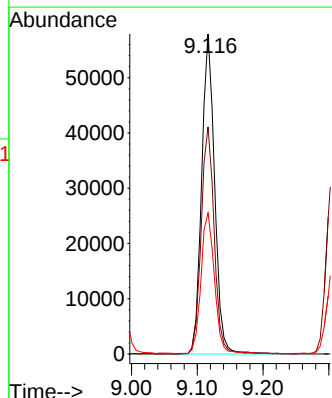
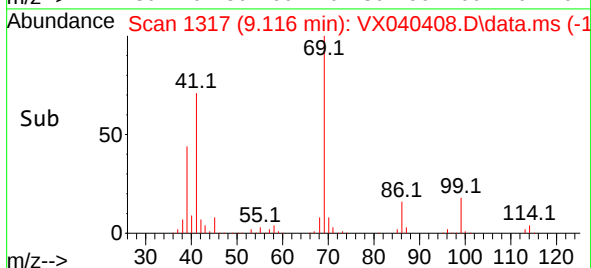


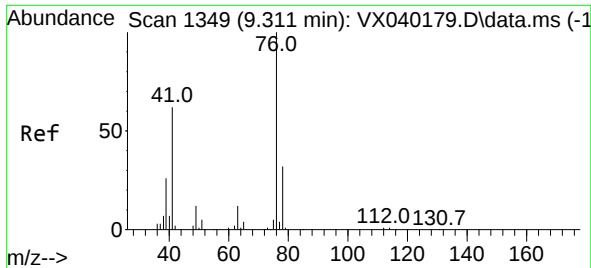
#56
Ethyl methacrylate
Concen: 53.665 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion: 69 Resp: 79480

Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.8	85.2
39	45.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 52.620 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

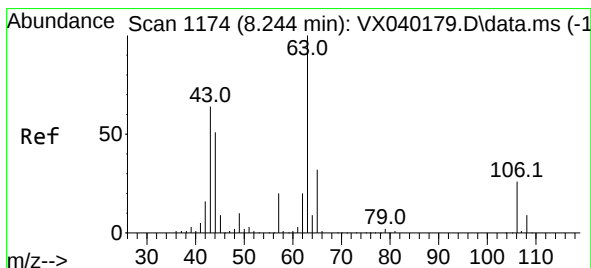
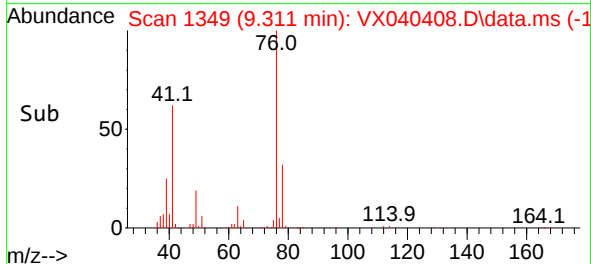
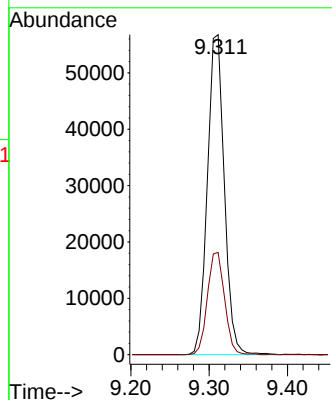
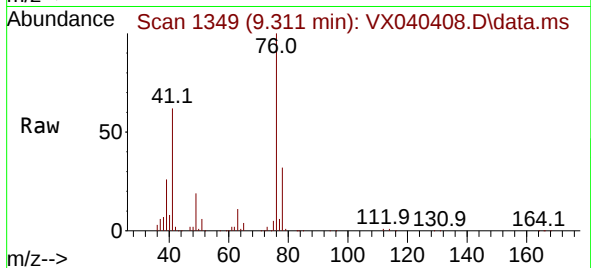
VSTDCCC050EC

Tgt Ion: 76 Resp: 84969
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations

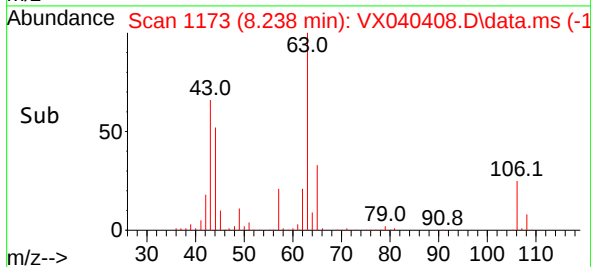
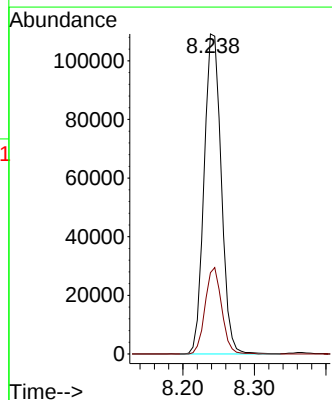
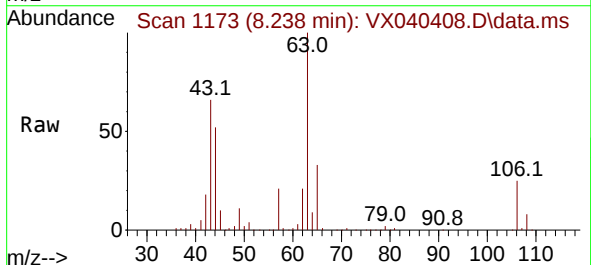
APPROVED

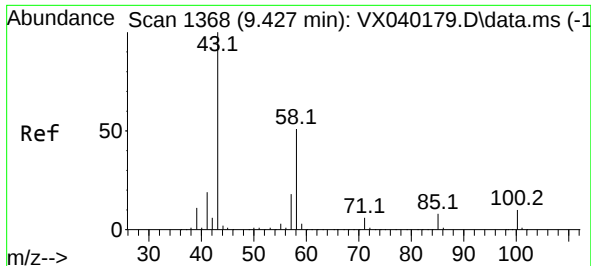
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 259.523 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 63 Resp: 181827
Ion Ratio Lower Upper
63 100
106 26.0 22.5 33.7





#59

2-Hexanone

Concen: 288.201 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 343140

Ion Ratio Lower Upper

43 100

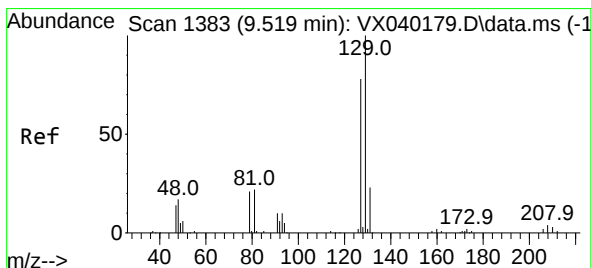
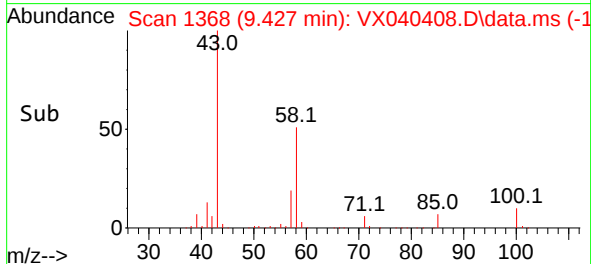
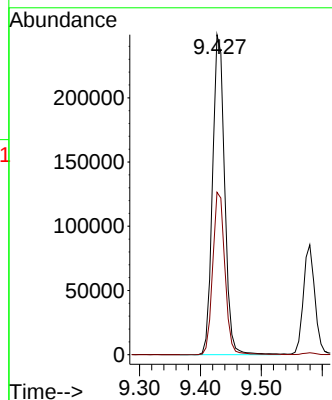
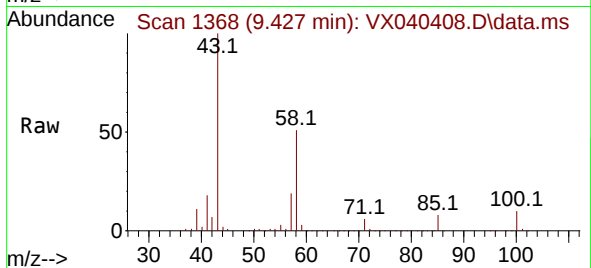
58 51.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#60

Dibromochloromethane

Concen: 51.825 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040408.D

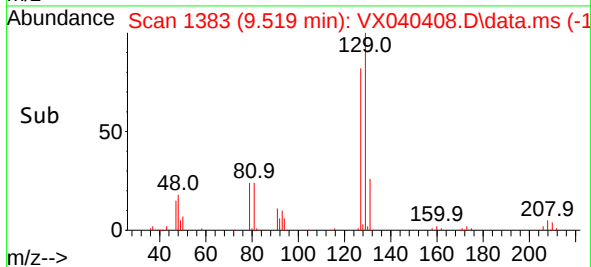
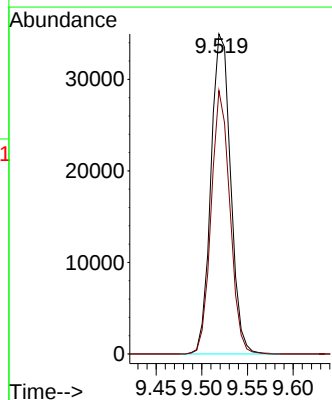
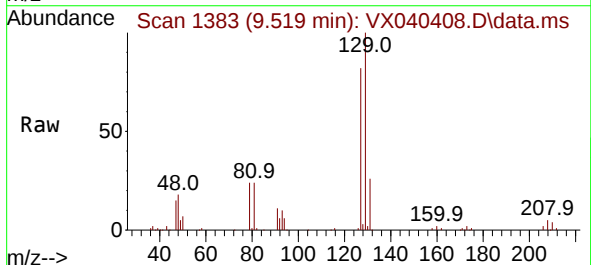
Acq: 22 Feb 2024 17:44

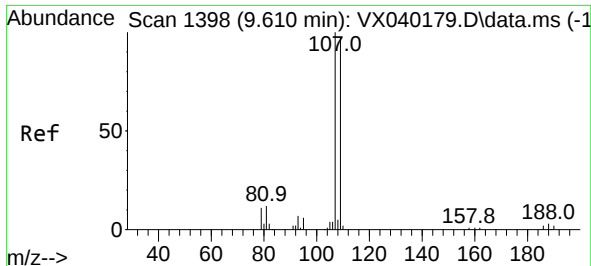
Tgt Ion:129 Resp: 52236

Ion Ratio Lower Upper

129 100

127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.158 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

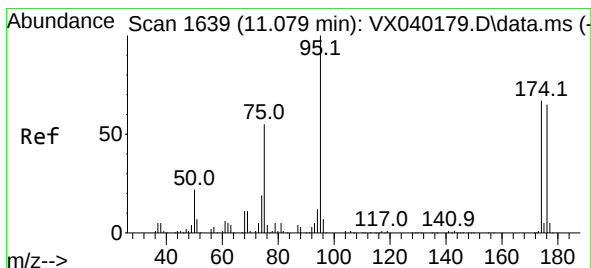
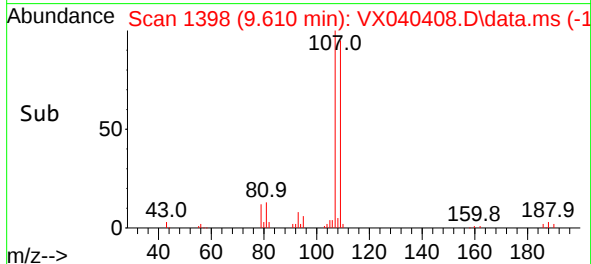
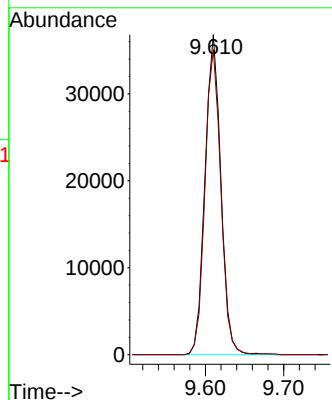
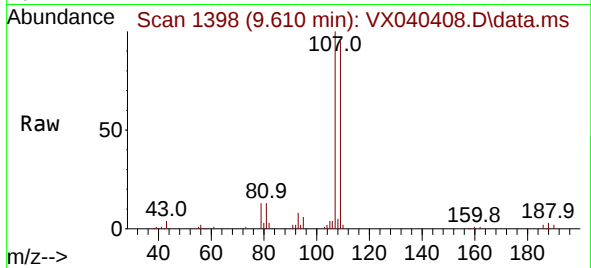
Tgt Ion:107 Resp: 5169
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations

APPROVED

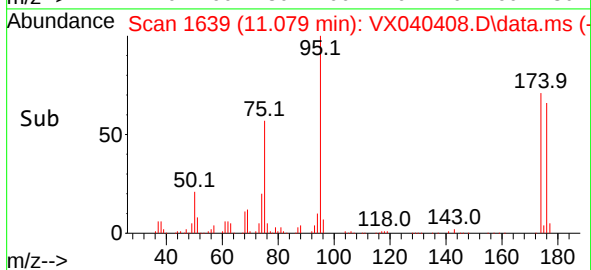
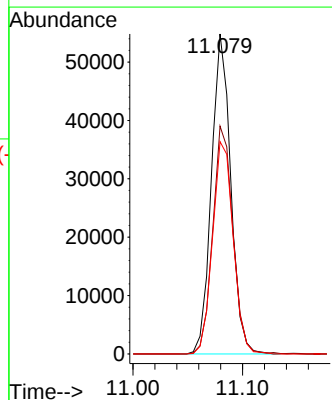
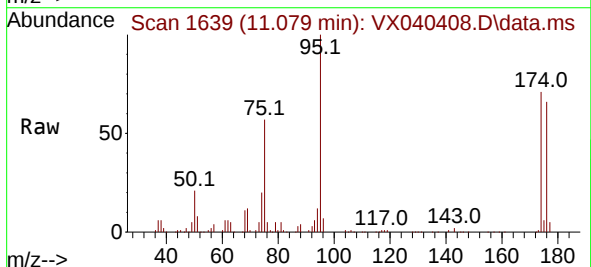
Reviewed By :John Carlone 02/23/2024

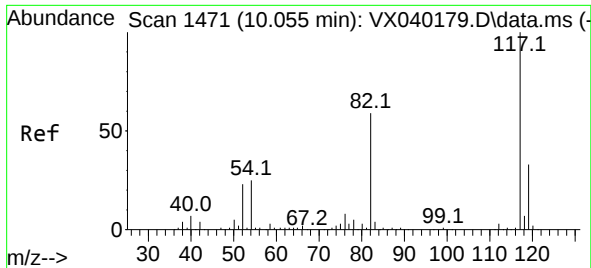
Supervised By :Mahesh Dadoda 02/23/2024



#62
4-Bromofluorobenzene
Concen: 48.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

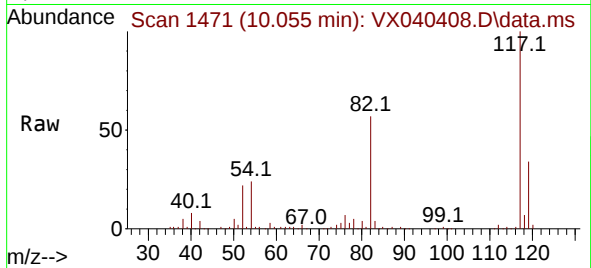
Tgt Ion: 95 Resp: 67042
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

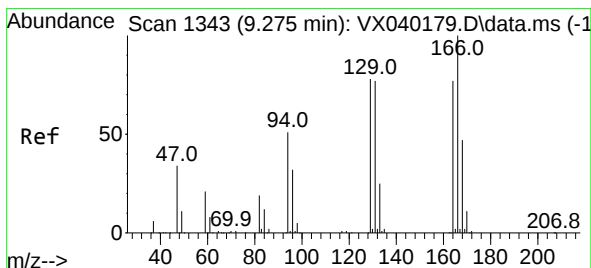
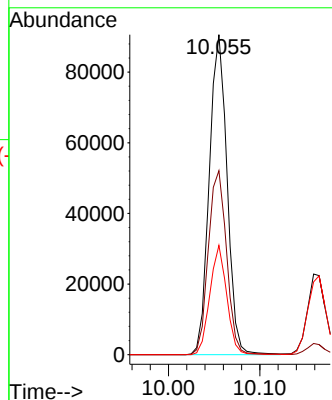
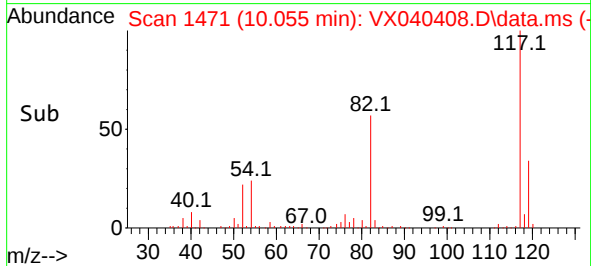
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 122662
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 34.2 25.5 38.3

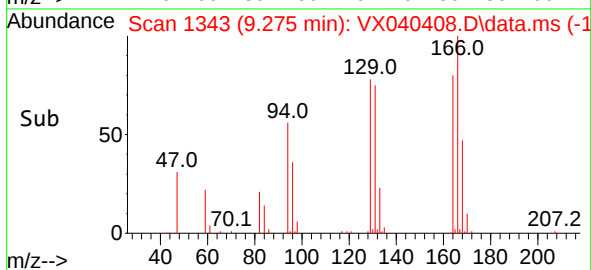
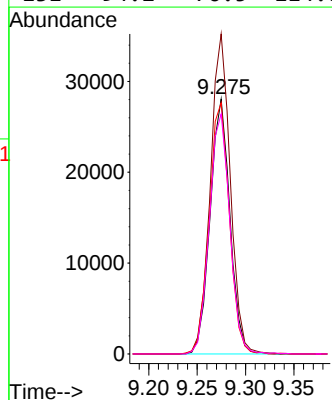
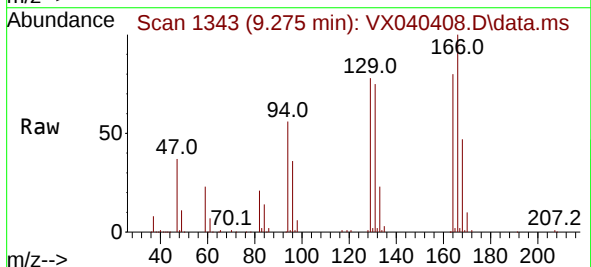
Manual Integrations
APPROVED

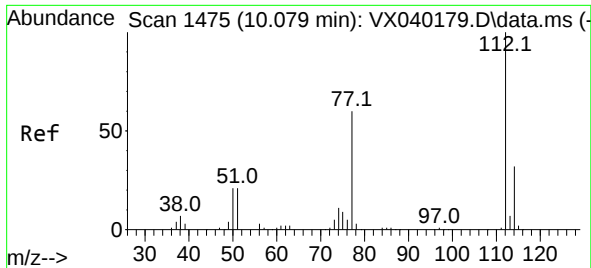
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 46.414 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion:164 Resp: 39896
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 98.6 80.4 120.6
131 94.2 76.5 114.7





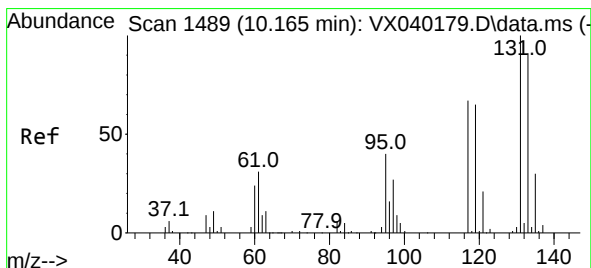
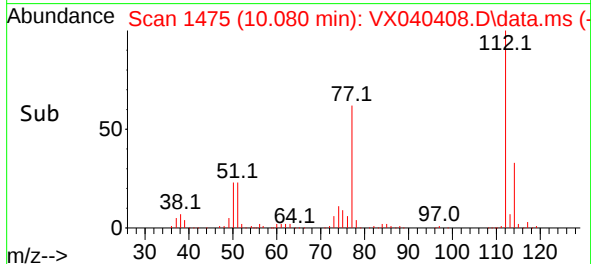
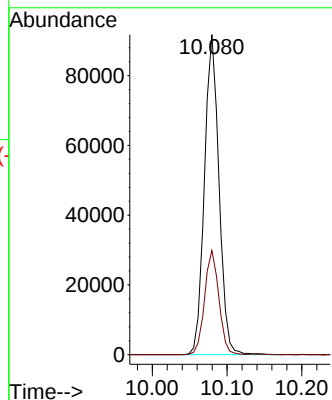
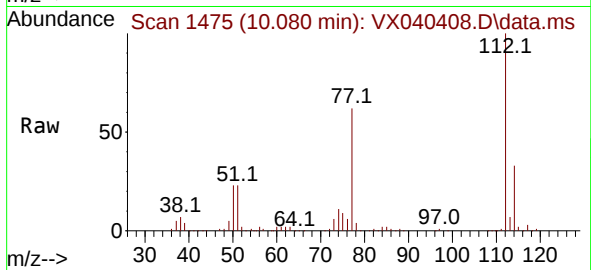
#65
Chlorobenzene
Concen: 48.507 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 12417
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

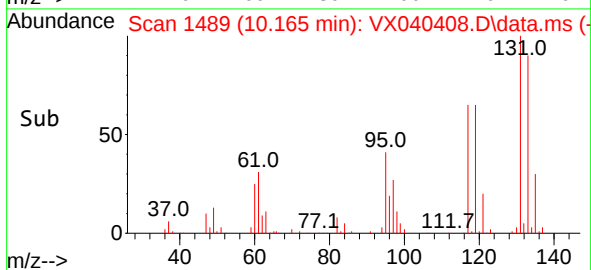
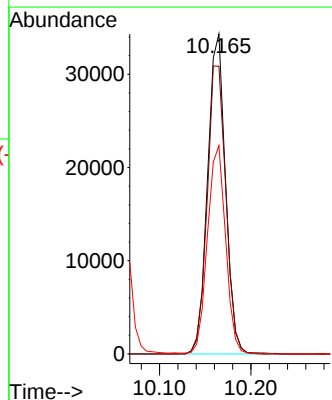
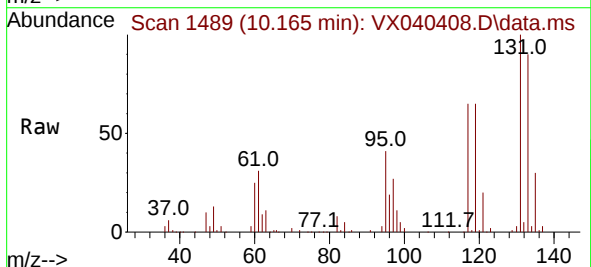
Manual Integrations
APPROVED

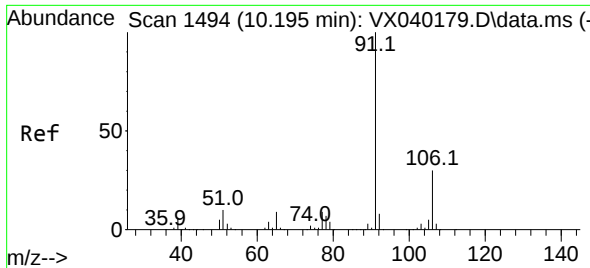
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.409 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

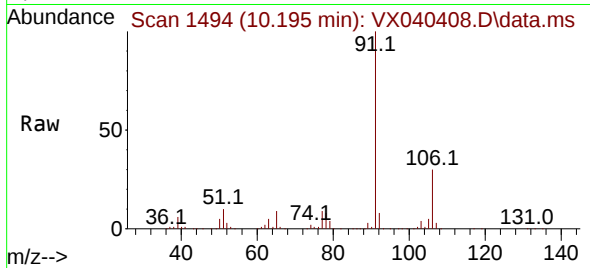
Tgt Ion:131 Resp: 46468
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 50.402 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

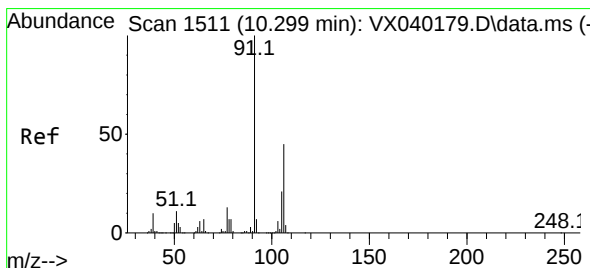
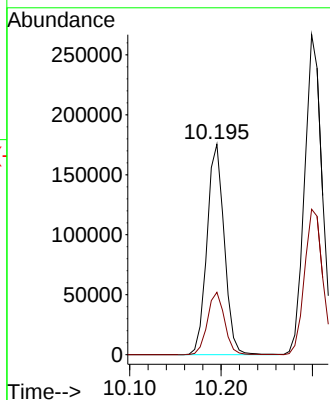
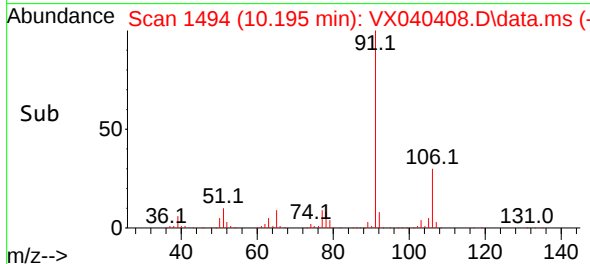
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



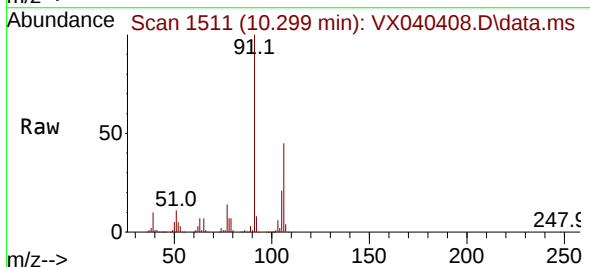
Tgt Ion: 91 Resp: 229799
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

Manual Integrations
APPROVED

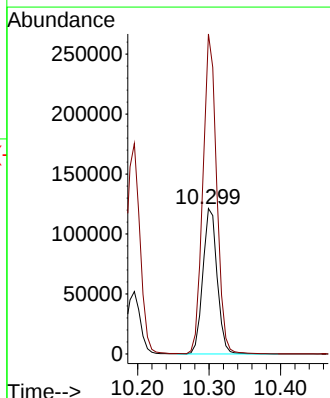
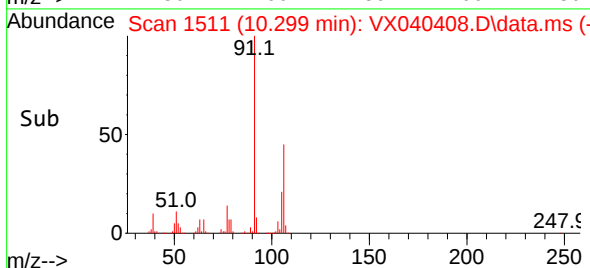
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

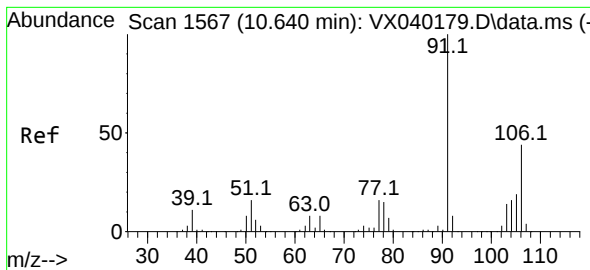


#68
m/p-Xylenes
Concen: 97.945 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion:106 Resp: 168657
Ion Ratio Lower Upper
106 100
91 211.7 165.5 248.3





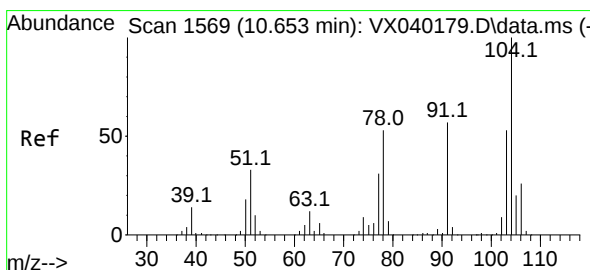
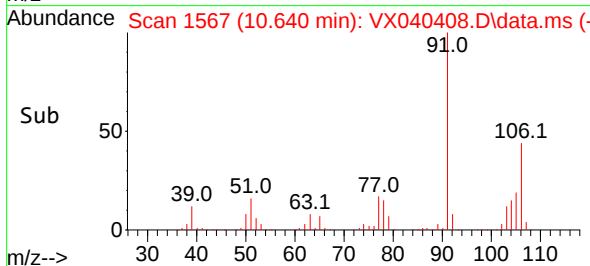
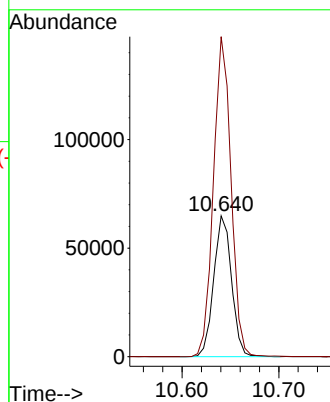
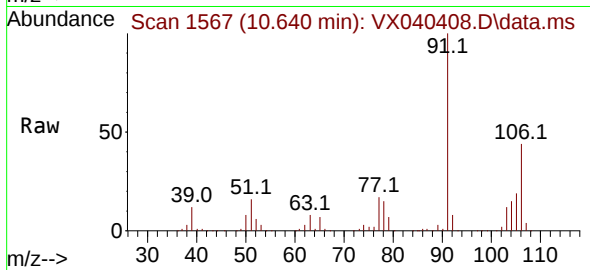
#69
o-Xylene
Concen: 49.593 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 82980
Ion Ratio Lower Upper
106 100
91 224.9 108.9 326.8

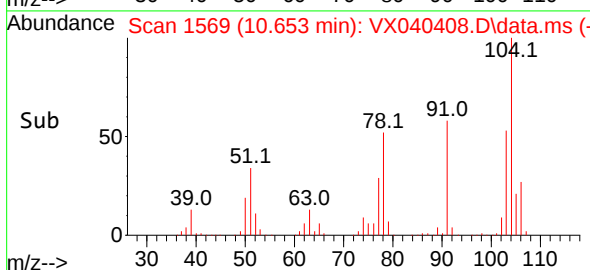
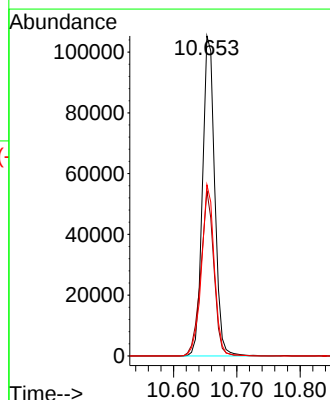
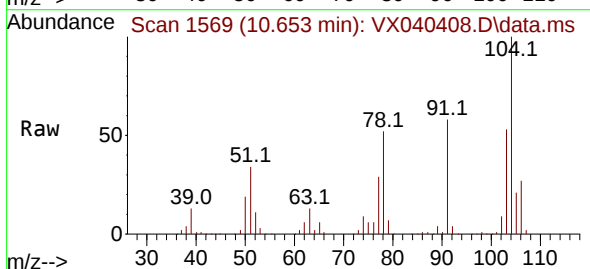
Manual Integrations
APPROVED

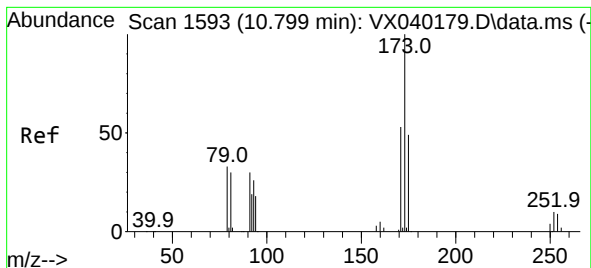
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 51.058 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

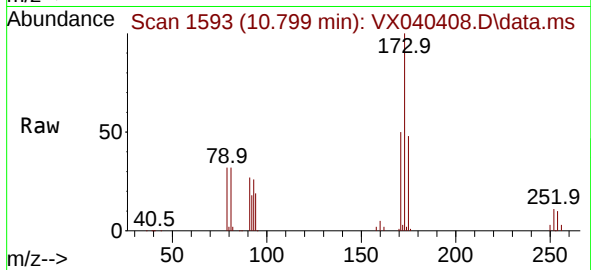
Tgt Ion:104 Resp: 142047
Ion Ratio Lower Upper
104 100
78 55.2 43.6 65.4
103 56.3 43.6 65.4





#71
Bromoform
Concen: 45.736 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

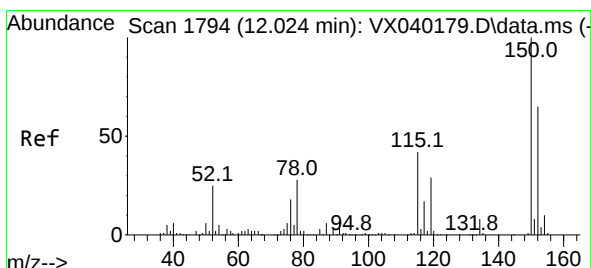
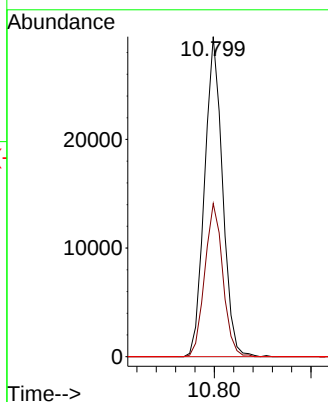
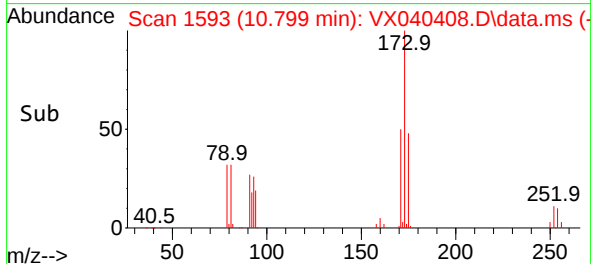
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 37950
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

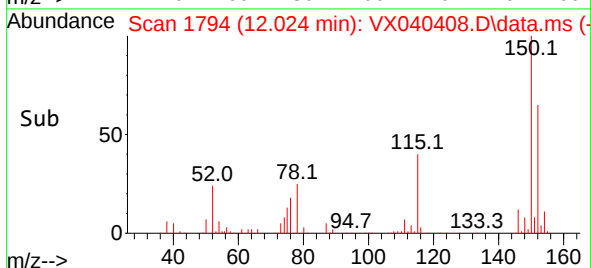
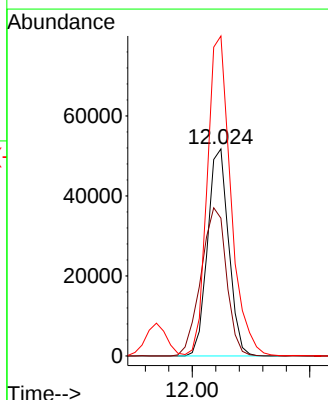
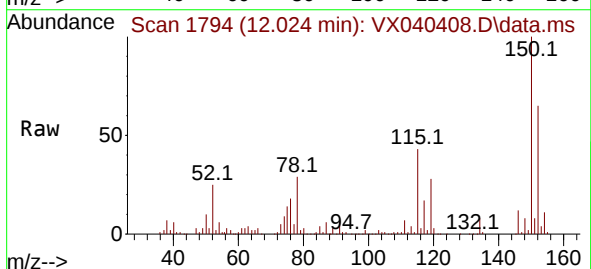
Manual Integrations
APPROVED

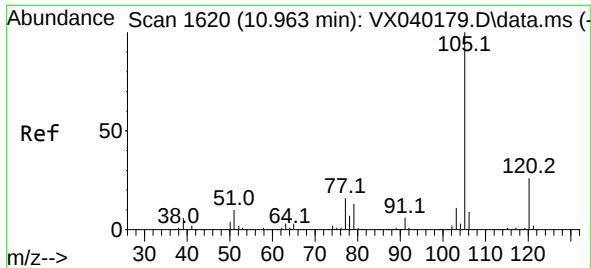
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

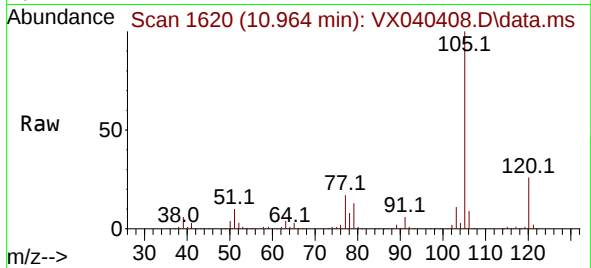
Tgt Ion:152 Resp: 64538
Ion Ratio Lower Upper
152 100
115 86.8 43.3 129.9
150 172.3 0.0 345.0





#73
Isopropylbenzene
Concen: 49.643 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

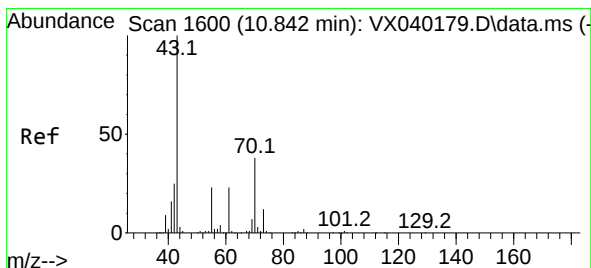
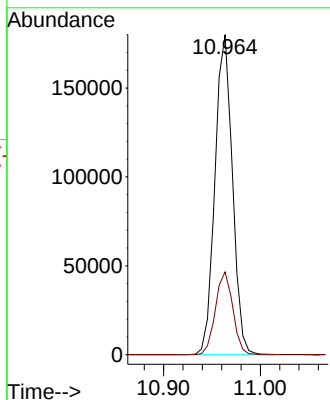
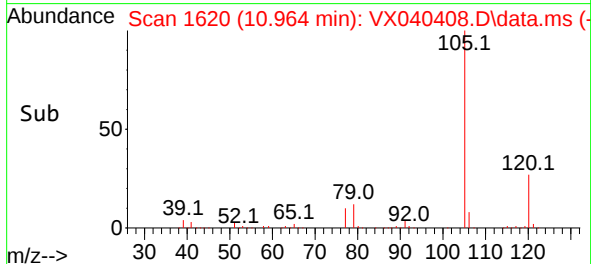
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



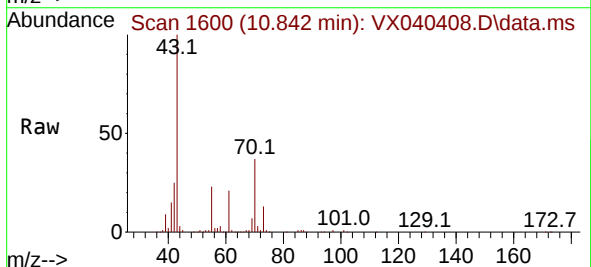
Tgt Ion:105 Resp: 225650
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
APPROVED

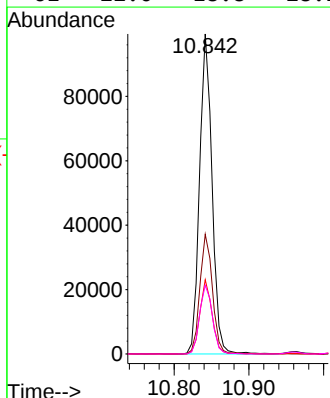
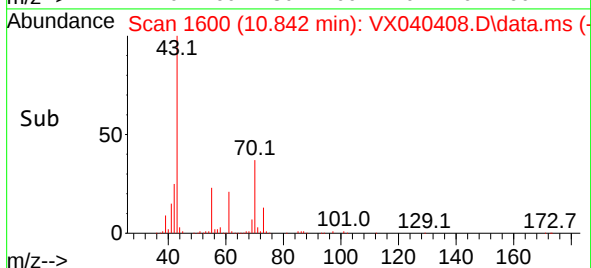
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

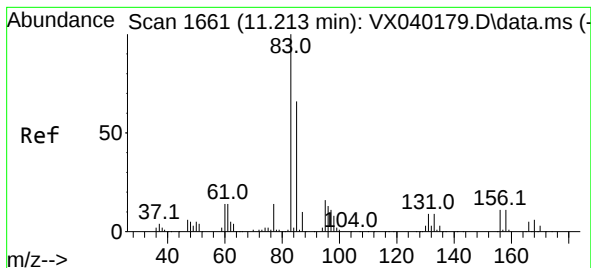


#74
N-ethyl acetate
Concen: 59.069 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion: 43 Resp: 115092
Ion Ratio Lower Upper
43 100
70 37.7 32.9 49.3
55 22.8 19.3 28.9
61 22.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.018 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

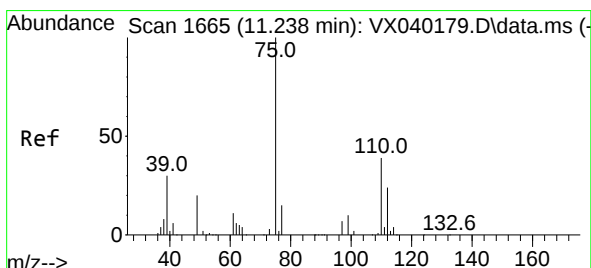
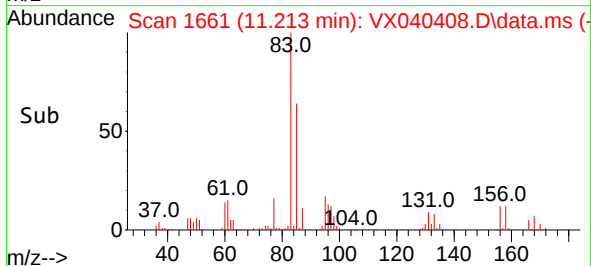
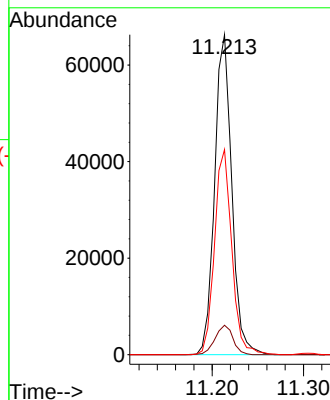
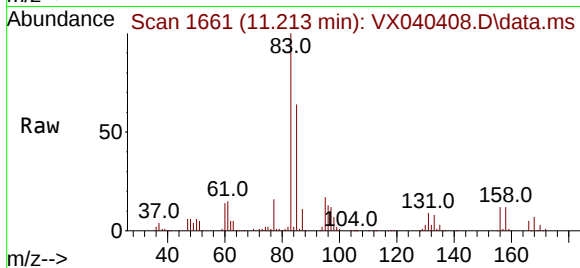
Tgt Ion: 83	Resp: 86584
Ion Ratio	Lower Upper
83 100	
131 9.6	5.3 15.8
85 64.5	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#76

1,2,3-Trichloropropane

Concen: 54.169 ug/l m

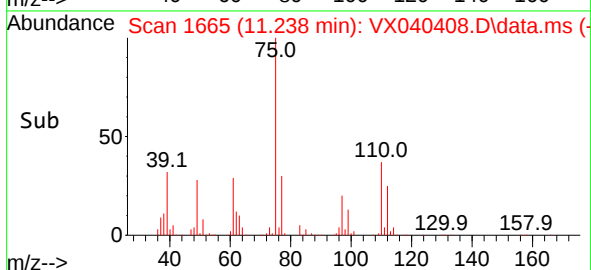
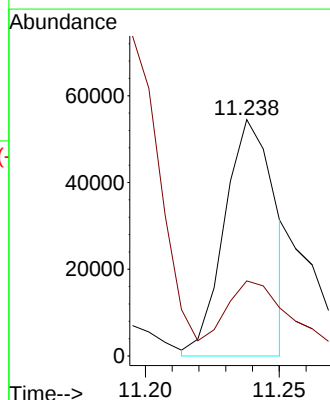
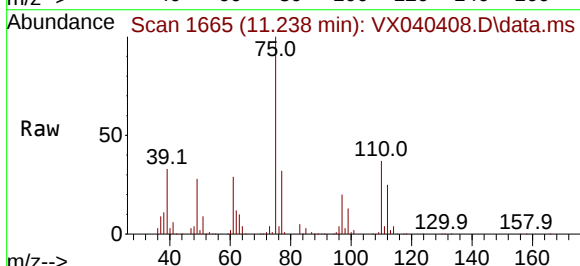
RT: 11.238 min Scan# 1665

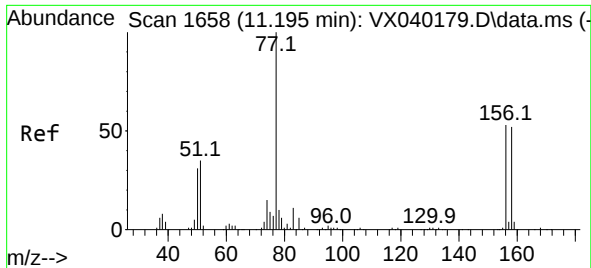
Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

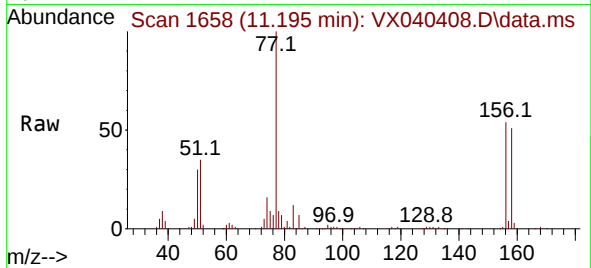
Tgt Ion: 75	Resp: 70795
Ion Ratio	Lower Upper
75 100	
77 42.6	19.1 57.5





#77
Bromobenzene
Concen: 49.838 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

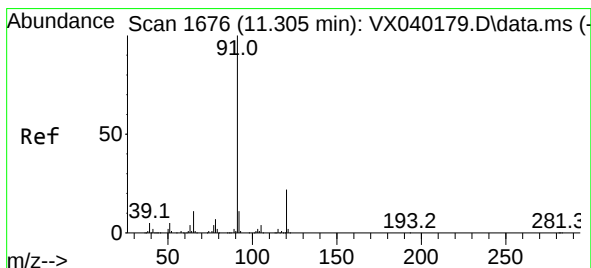
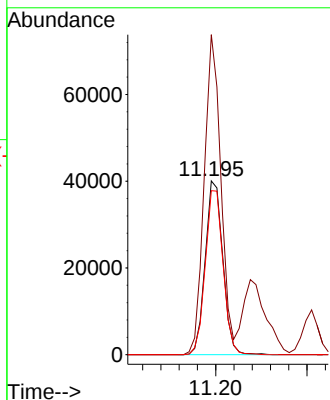
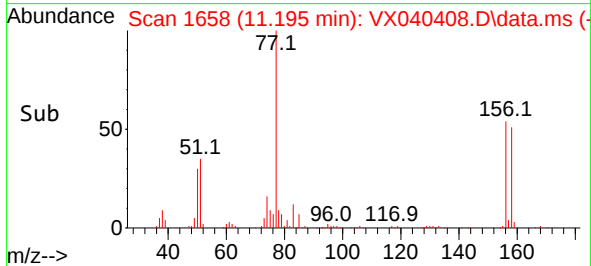
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



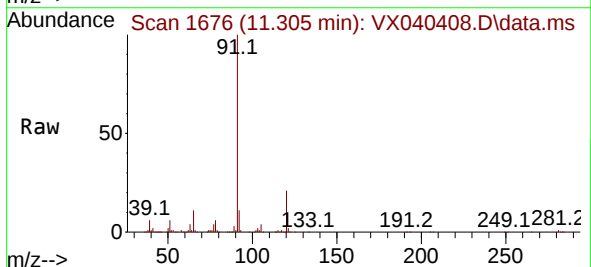
Tgt Ion:156 Resp: 5350
Ion Ratio Lower Upper
156 100
77 174.4 88.4 265.3
158 95.8 48.0 144.0

Manual Integrations
APPROVED

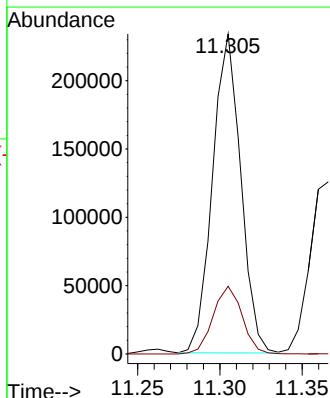
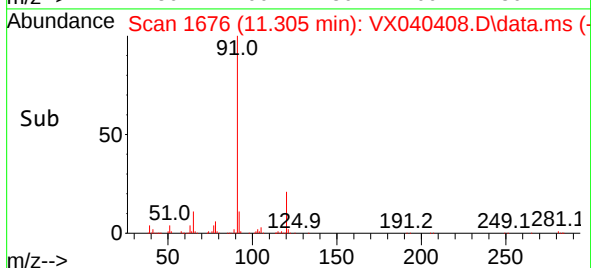
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

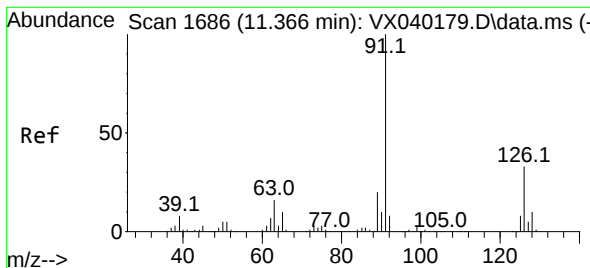


#78
n-propylbenzene
Concen: 50.533 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



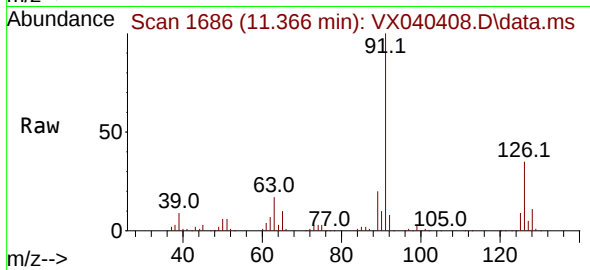
Tgt Ion: 91 Resp: 278098
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.844 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

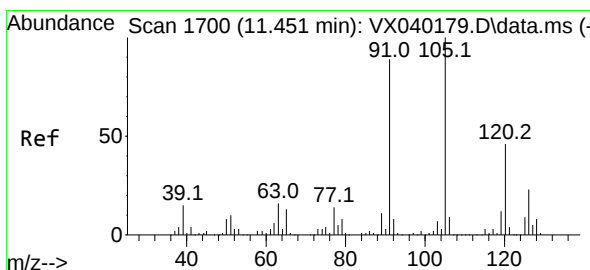
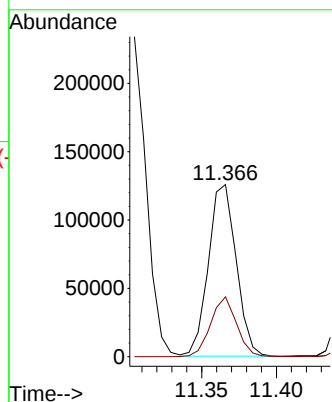
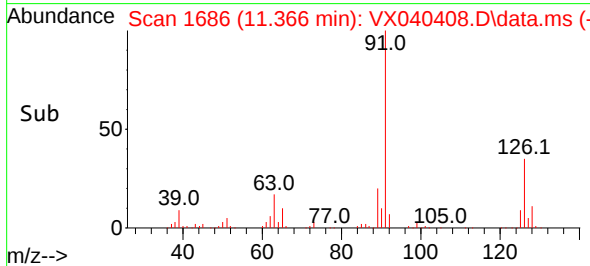
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



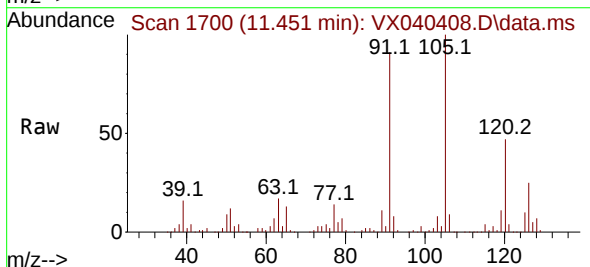
Tgt Ion: 91 Resp: 162318
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

Manual Integrations
APPROVED

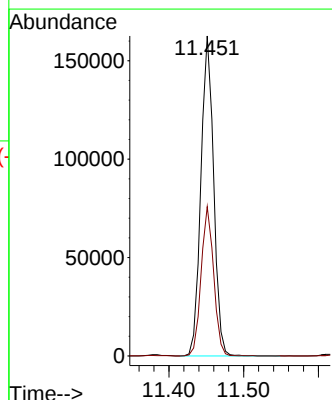
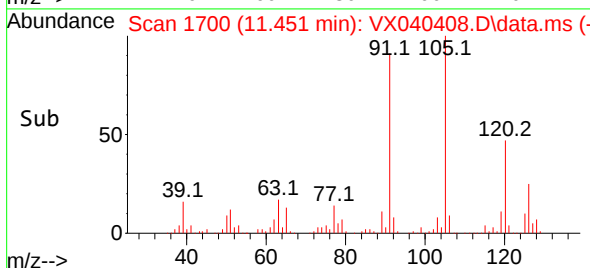
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

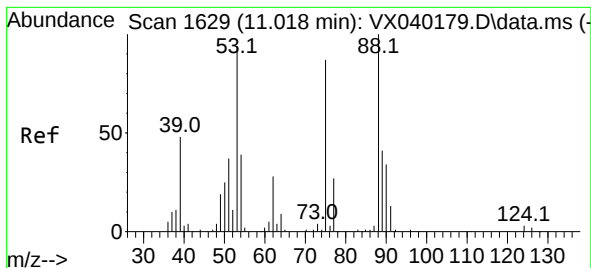


#80
1,3,5-Trimethylbenzene
Concen: 50.285 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion:105 Resp: 192434
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





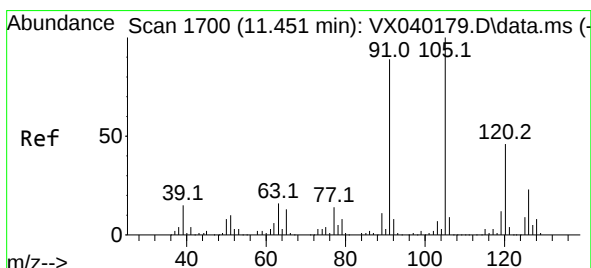
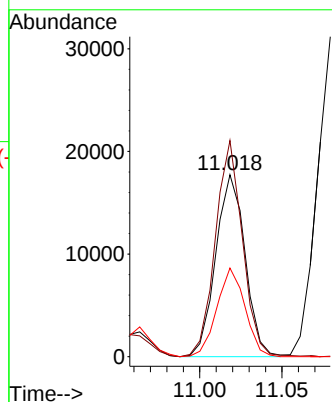
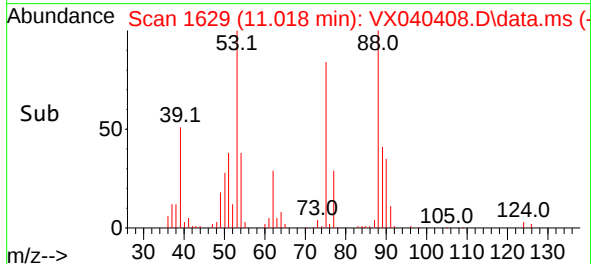
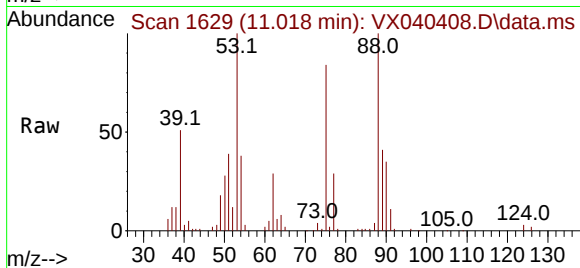
#81
trans-1,4-Dichloro-2-butene
Concen: 47.382 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21958
Ion Ratio Lower Upper
75 100
53 110.0 90.5 135.7
89 46.6 36.9 55.3

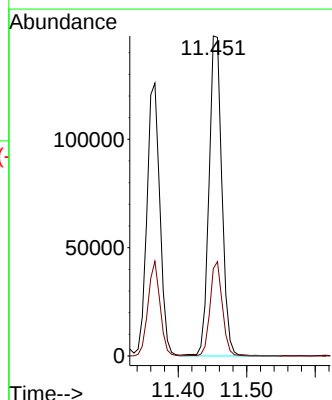
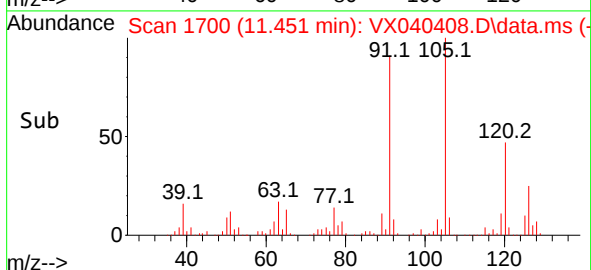
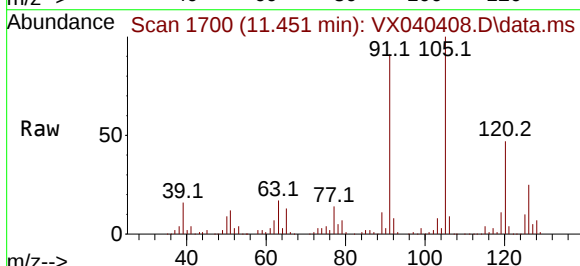
Manual Integrations
APPROVED

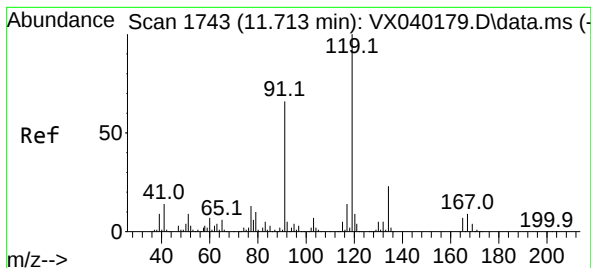
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#82
4-Chlorotoluene
Concen: 49.103 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

Tgt Ion: 91 Resp: 193340
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.317 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040408.D

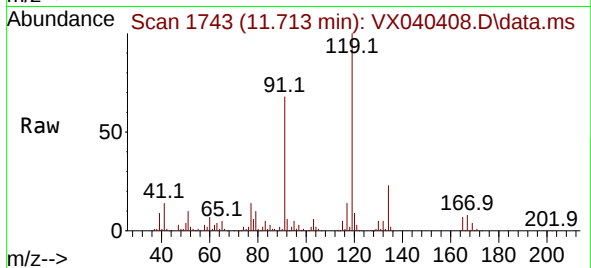
Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:119 Resp: 18503

Ion Ratio Lower Upper

119 100

91 64.4 31.2 93.6

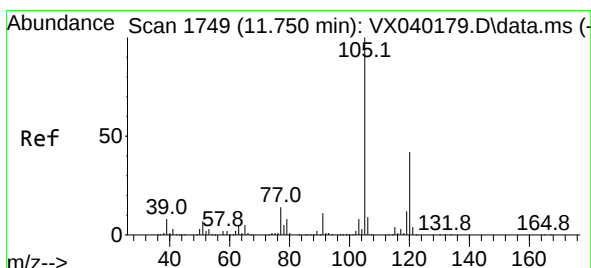
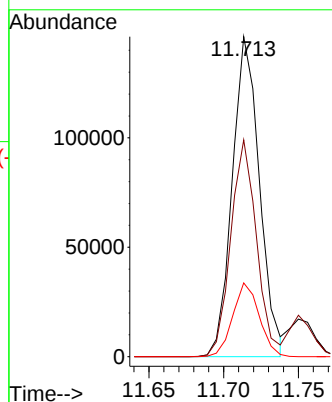
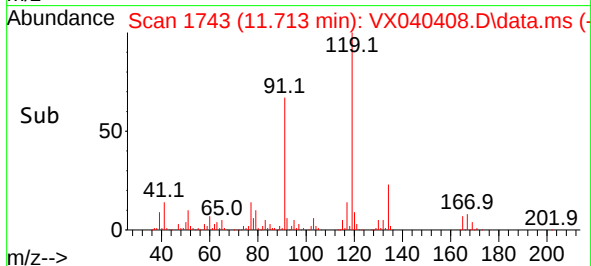
134 22.4 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.247 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040408.D

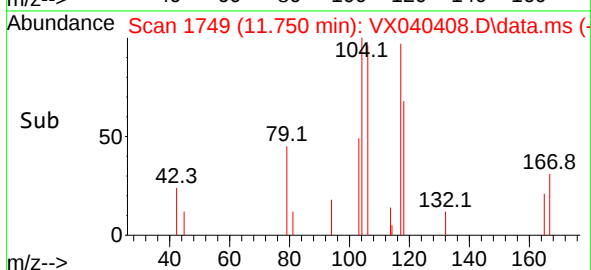
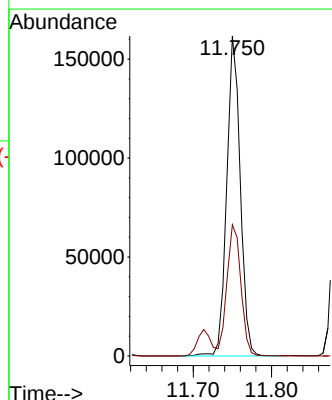
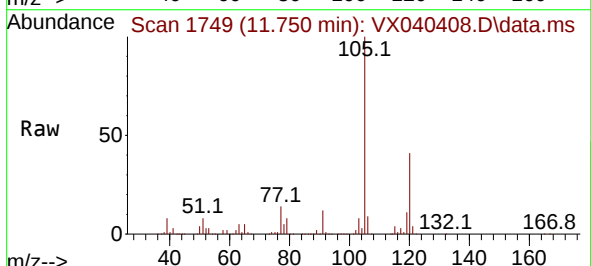
Acq: 22 Feb 2024 17:44

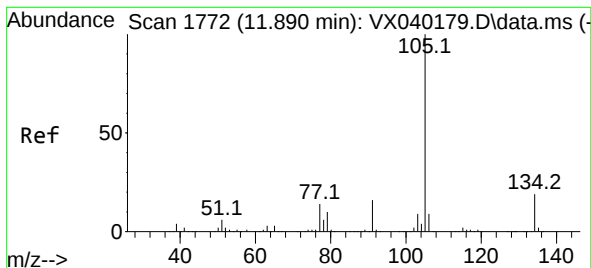
Tgt Ion:105 Resp: 194538

Ion Ratio Lower Upper

105 100

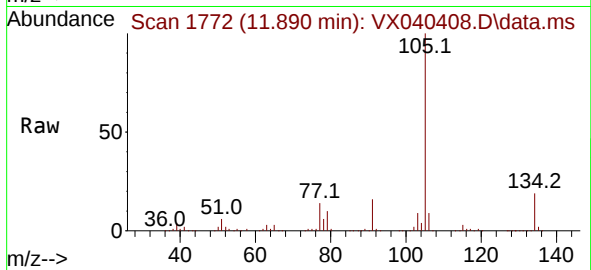
120 42.2 21.2 63.6





#85
sec-Butylbenzene
Concen: 50.661 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

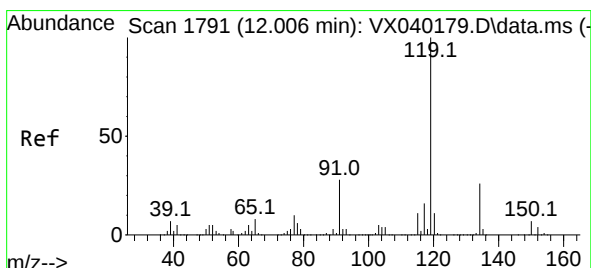
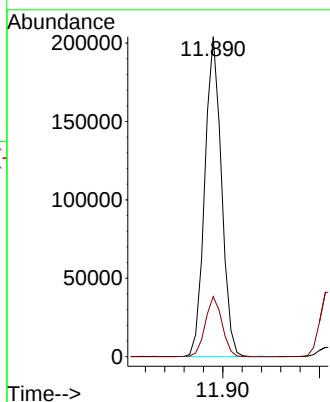
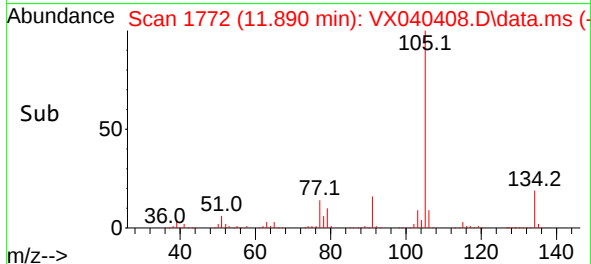
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 244275
Ion Ratio Lower Upper
105 100
134 19.0 9.8 29.4

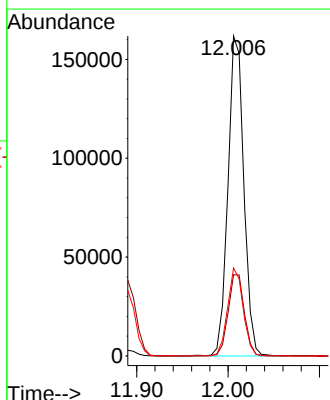
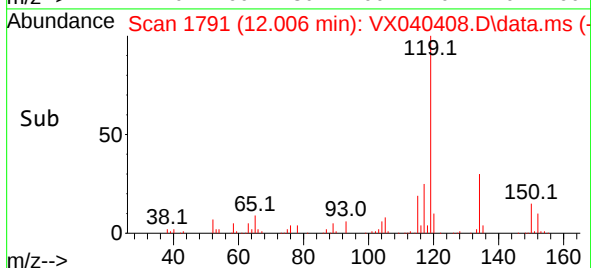
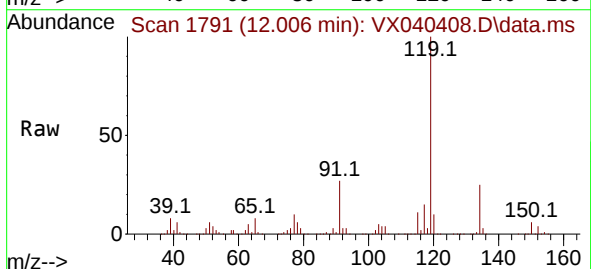
Manual Integrations
APPROVED

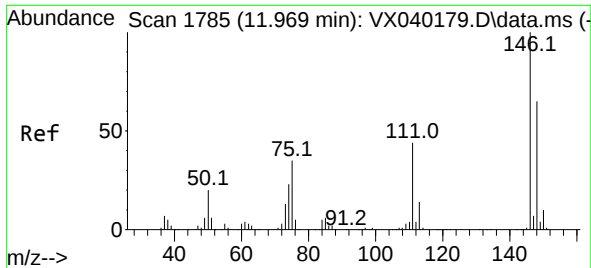
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#86
p-Isopropyltoluene
Concen: 49.499 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

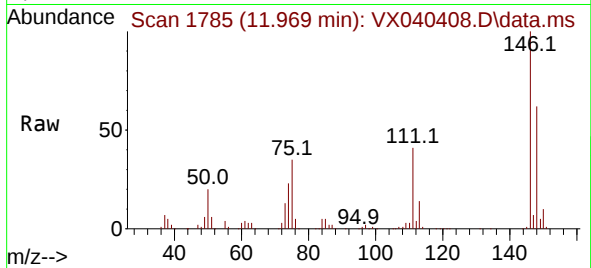
Tgt Ion:119 Resp: 195642
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 26.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.862 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

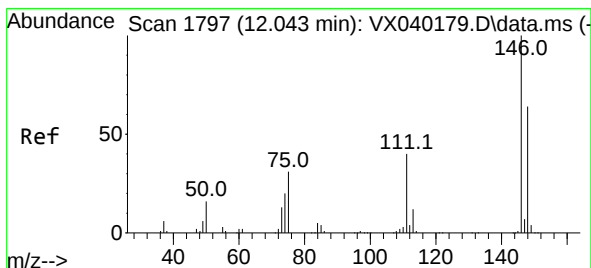
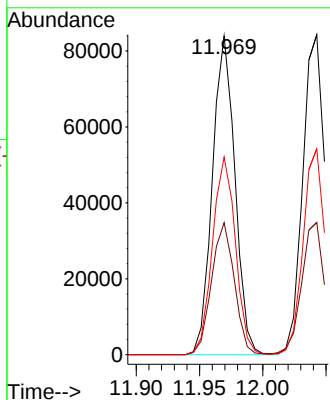
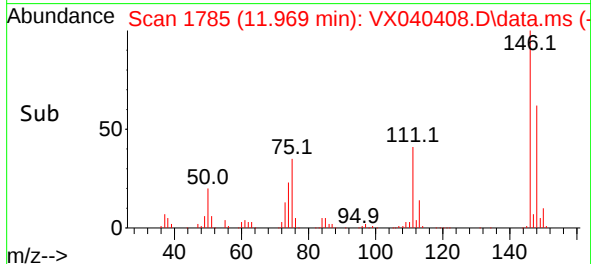
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



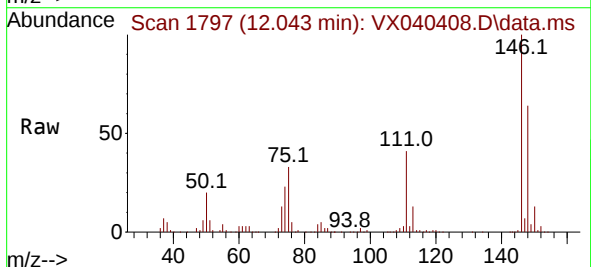
Tgt Ion:146 Resp: 103940
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.1
148 63.2 31.8 95.3

Manual Integrations
APPROVED

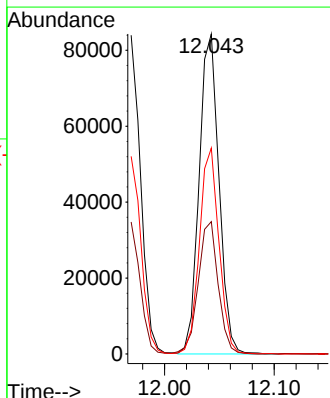
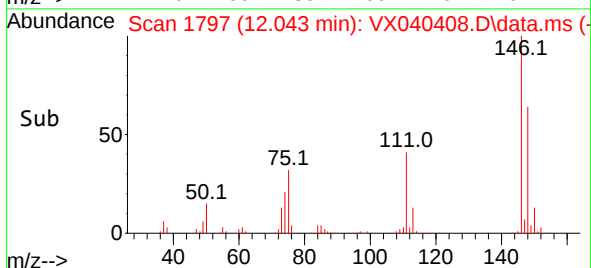
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

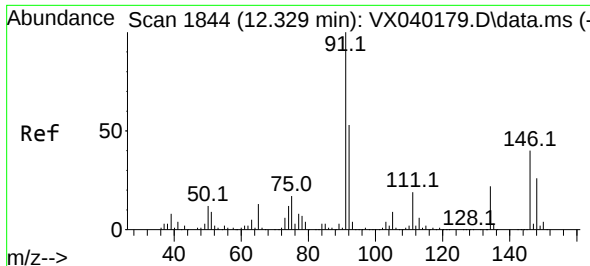


#88
1,4-Dichlorobenzene
Concen: 46.913 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



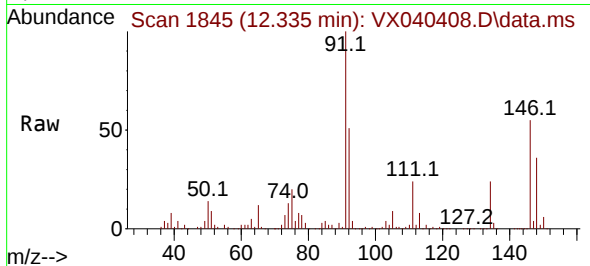
Tgt Ion:146 Resp: 105675
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.7
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 49.923 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

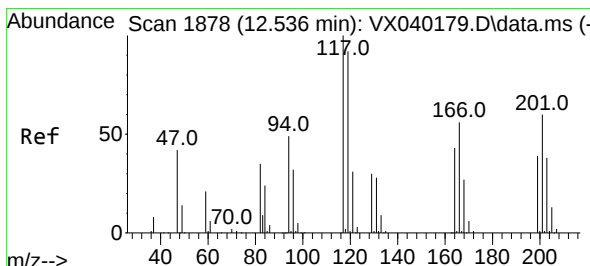
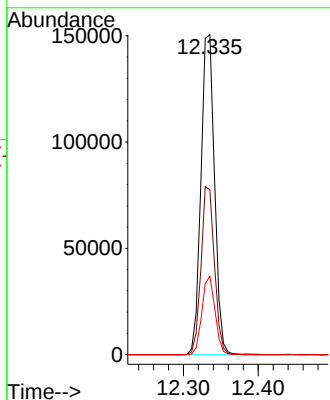
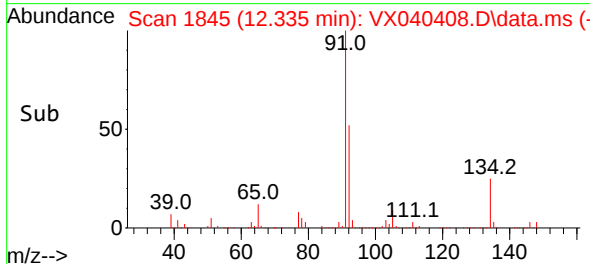
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 190474
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 23.6 12.6 37.8

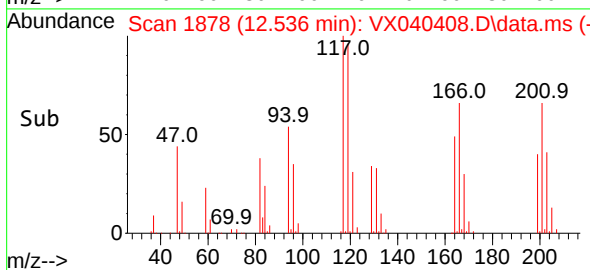
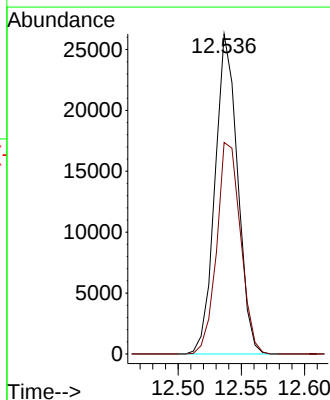
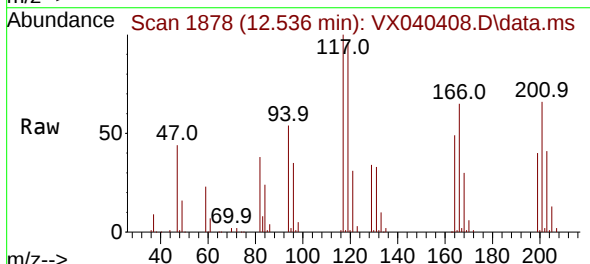
Manual Integrations
APPROVED

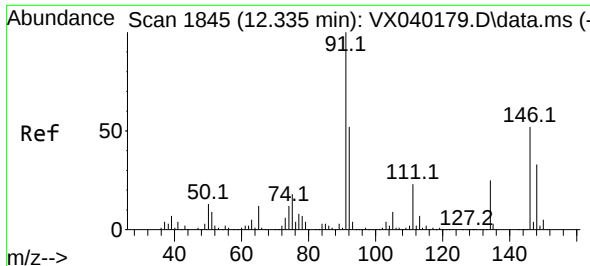
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 52.196 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

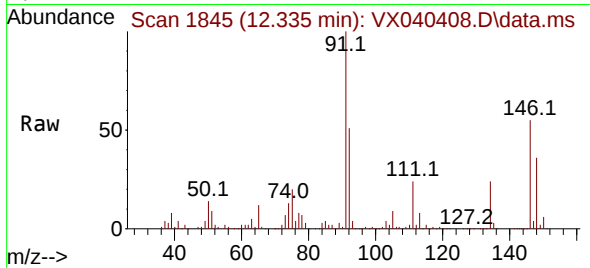
Tgt Ion:117 Resp: 32541
Ion Ratio Lower Upper
117 100
201 69.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.995 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

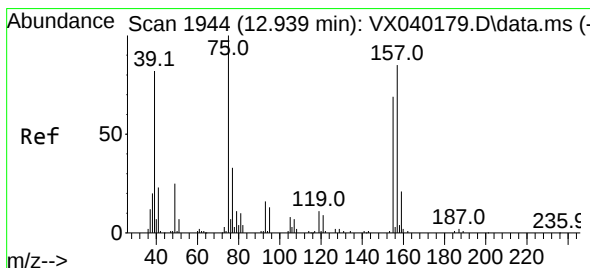
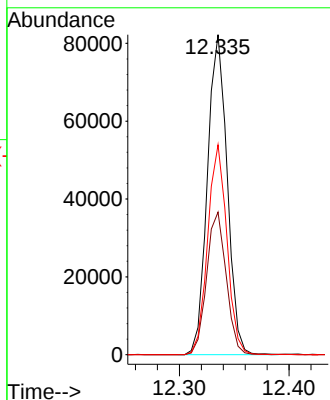
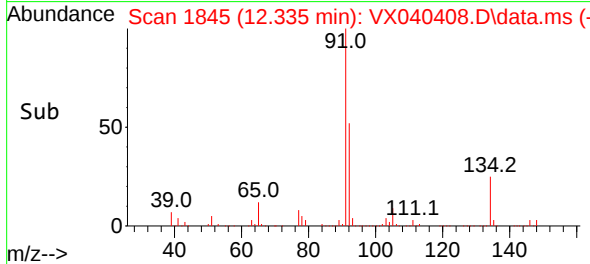
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



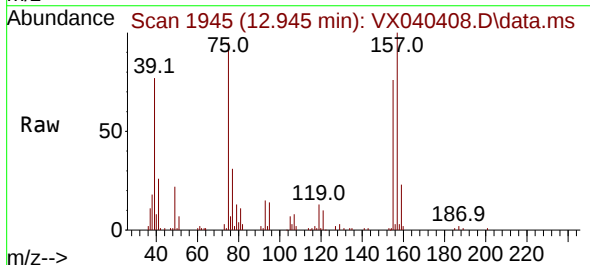
Tgt Ion:146 Resp: 10295
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
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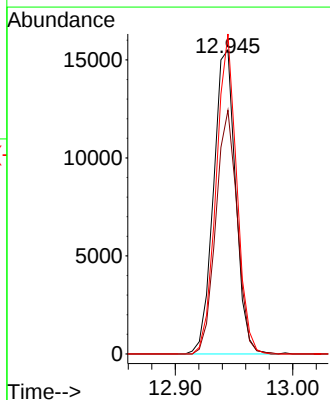
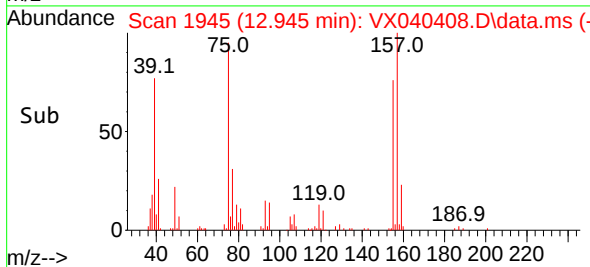
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

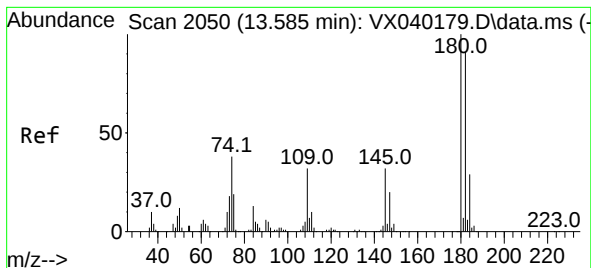


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.881 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion: 75 Resp: 20309
Ion Ratio Lower Upper
75 100
155 77.7 36.1 108.5
157 97.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.284 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

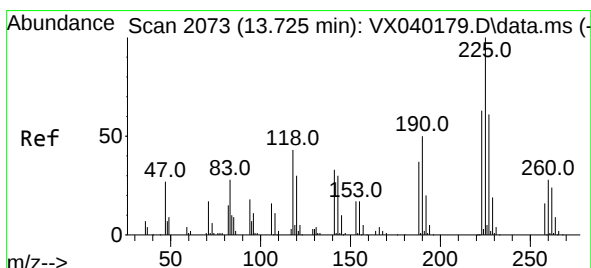
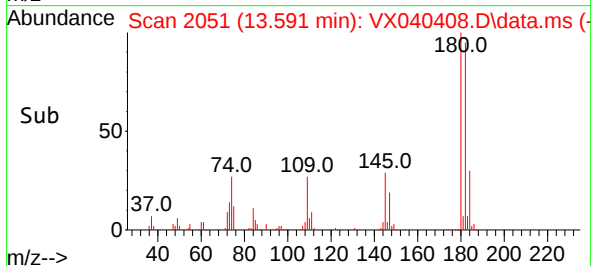
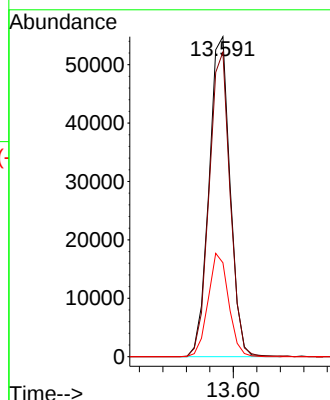
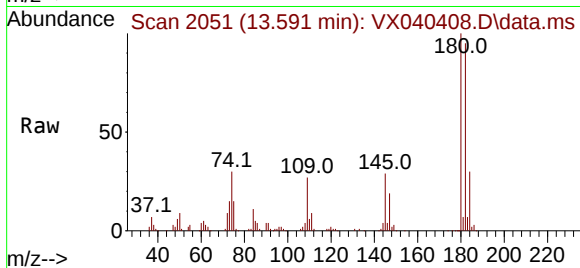
Tgt Ion:180	Resp:	6807
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	31.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 45.815 ug/l

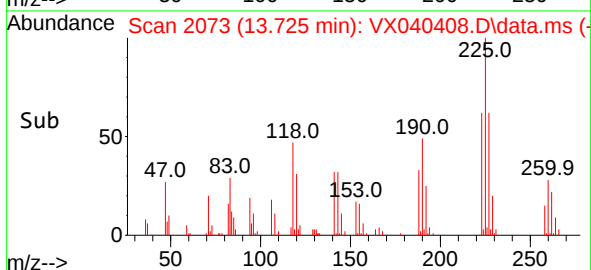
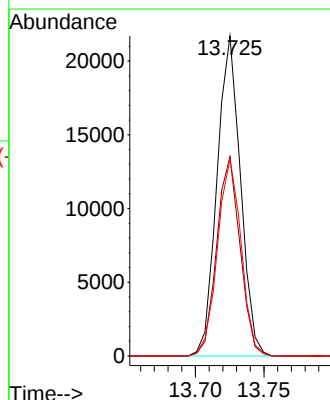
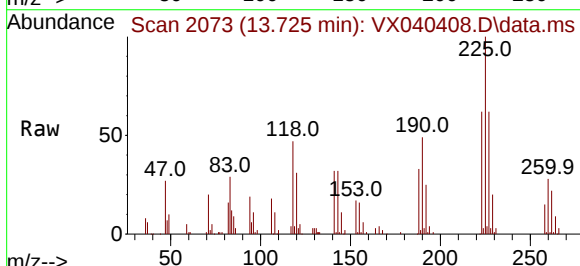
RT: 13.725 min Scan# 2073

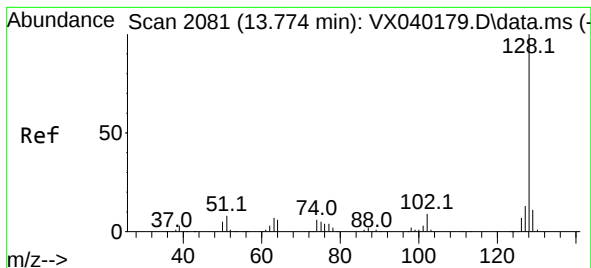
Delta R.T. 0.000 min

Lab File: VX040408.D

Acq: 22 Feb 2024 17:44

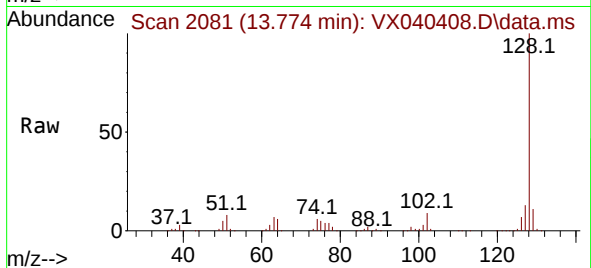
Tgt Ion:225	Resp:	25779
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.1 93.2
227	62.1	32.5 97.5





#95
Naphthalene
Concen: 50.310 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44

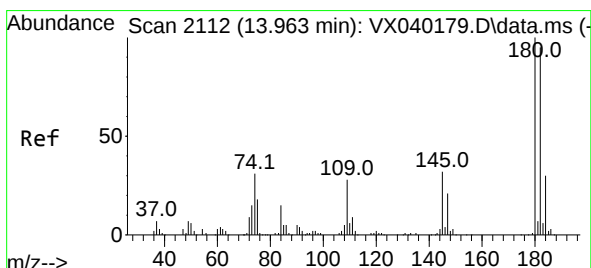
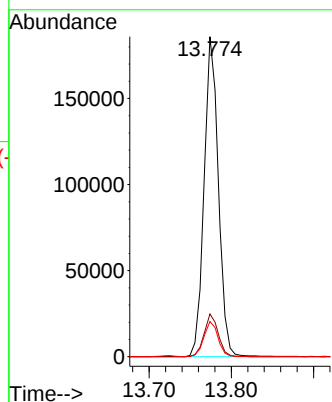
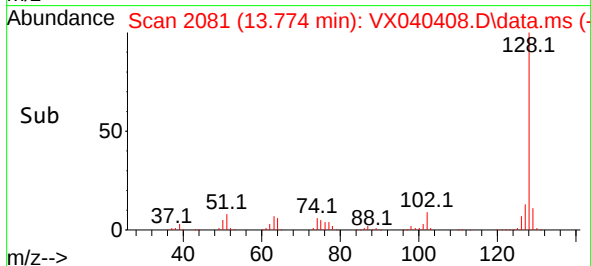
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



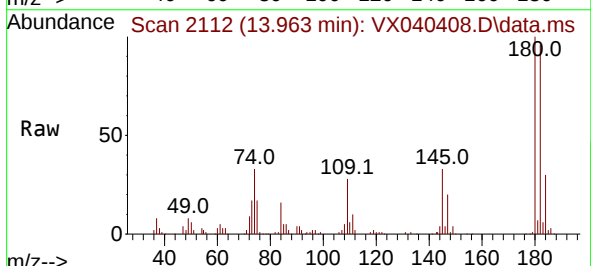
Tgt Ion:128 Resp: 224019
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.447 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040408.D
Acq: 22 Feb 2024 17:44



Tgt Ion:180 Resp: 66450
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 33.8 17.8 53.5

