

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024307.D
 Acq On : 17 Sep 2021 14:23
 Operator : JC/MD
 Sample : M3791-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-03-(1.0)

Quant Time: Sep 17 15:32:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

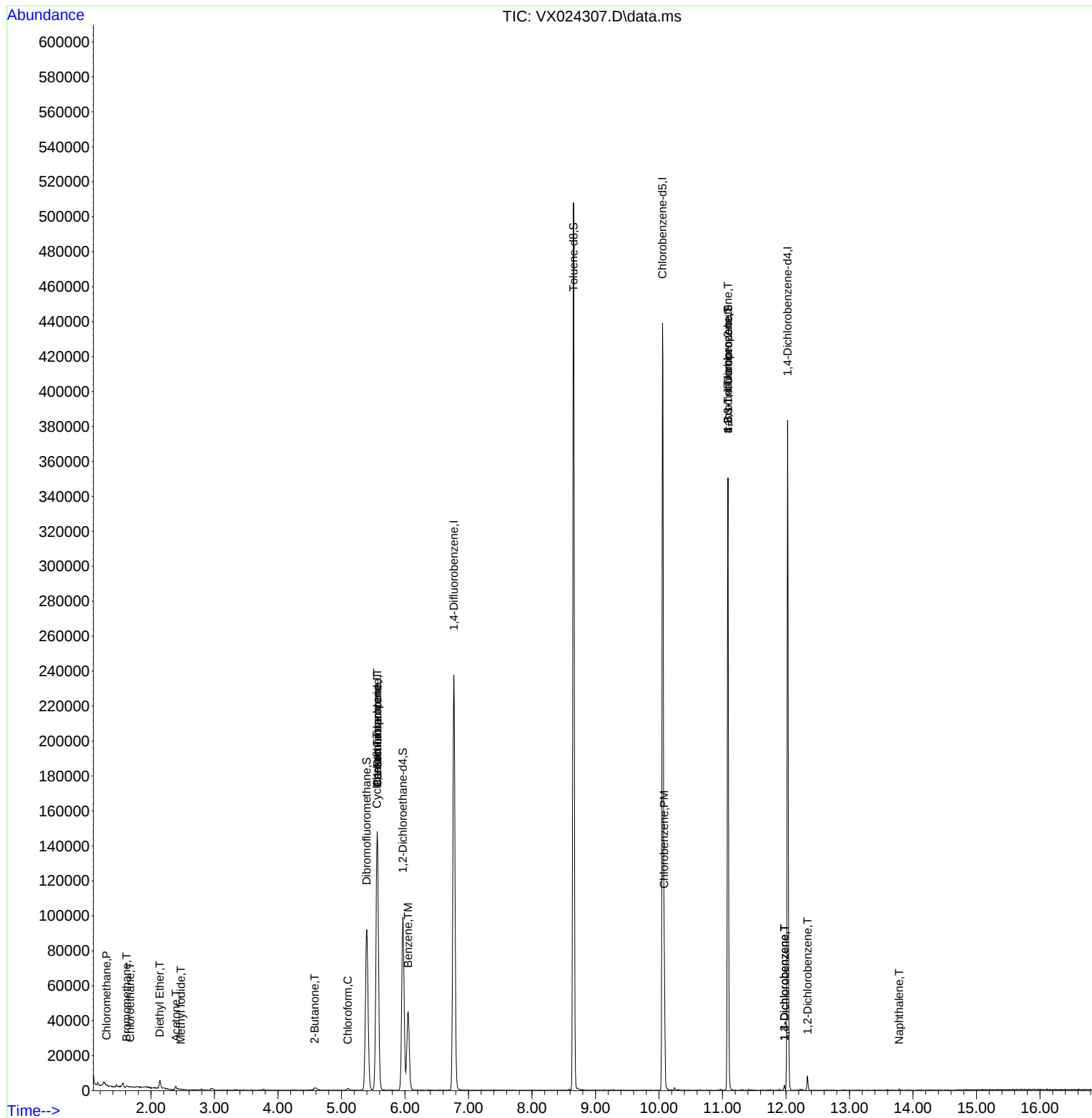
Internal Standards						
1) Pentafluorobenzene	5.562	168	135785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100818	52.069	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.140%	
35) Dibromofluoromethane	5.398	113	79198	50.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.800%	
50) Toluene-d8	8.653	98	289319	50.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.086	95	83160	37.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 74.660%#	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	292	0.214	ug/l #	88
5) Bromomethane	1.618	94	428	0.530	ug/l #	59
6) Chloroethane	1.673	64	93	2.083	ug/l #	43
8) Diethyl Ether	2.136	74	1451	1.843	ug/l	73
10) Methyl Iodide	2.471	142	786	0.425	ug/l #	77
11) Tert butyl alcohol	2.959	59	939	Below Cal	#	73
16) Acetone	2.392	43	2333	2.826	ug/l #	82
25) 2-Butanone	4.574	43	455	0.374	ug/l #	87
30) Chloroform	5.099	83	1352	0.485	ug/l #	77
31) Cyclohexane	5.556	56	3069	1.355	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	11000	5.107	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14193	5.854	ug/l #	17
40) Benzene	6.050	78	53034	8.584	ug/l	98
65) Chlorobenzene	10.080	112	28819	7.124	ug/l	96
76) 1,2,3-Trichloropropane	11.086	75	46093	26.068	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	46093	76.666	ug/l #	12
87) 1,3-Dichlorobenzene	11.976	146	980	0.380	ug/l	96
88) 1,4-Dichlorobenzene	11.976	146	980	0.372	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	2383	0.942	ug/l	95
95) Naphthalene	13.780	128	804	1.430	ug/l #	89

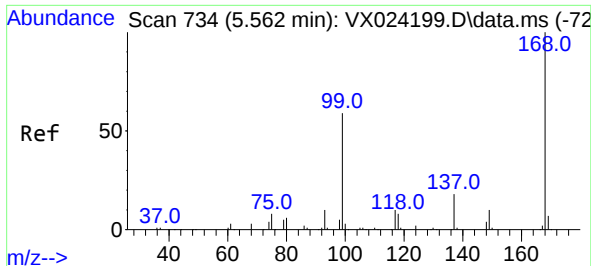
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

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Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

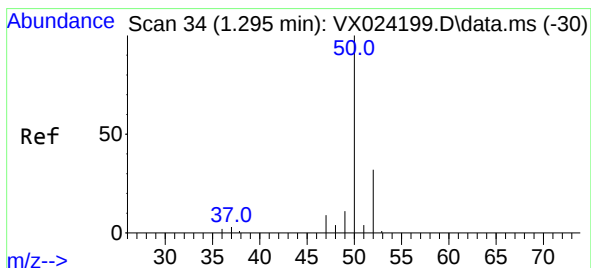
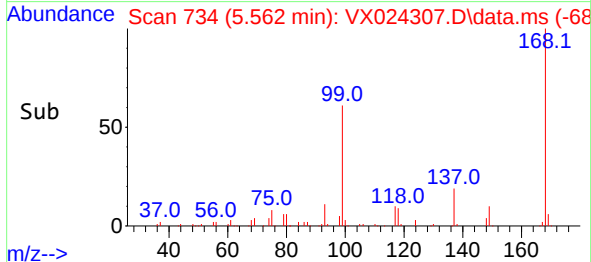
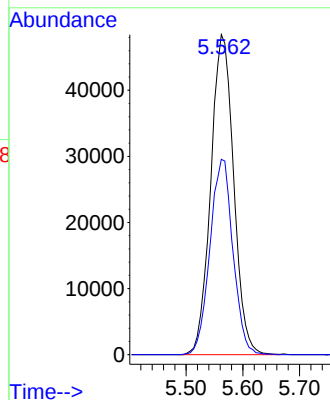
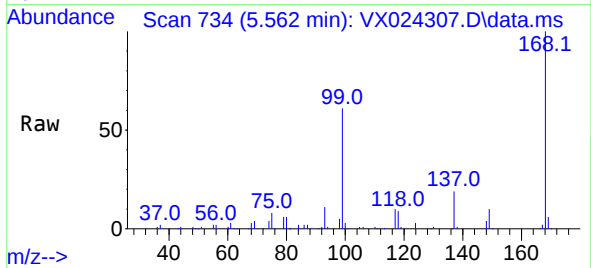




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

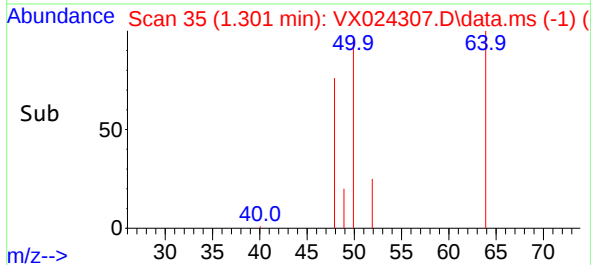
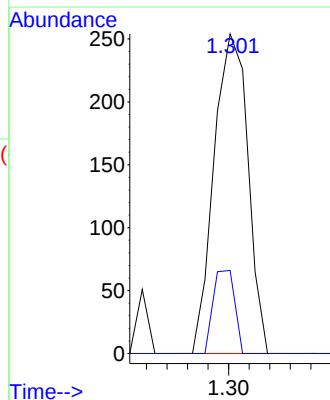
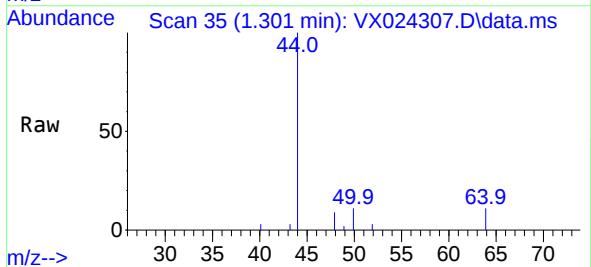
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

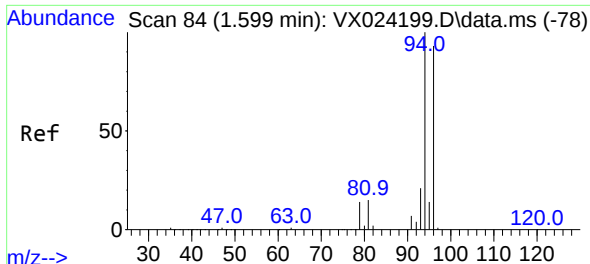
Tgt Ion:168 Resp: 135785
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 50 Resp: 292
Ion Ratio Lower Upper
50 100
52 26.0 26.4 39.6#

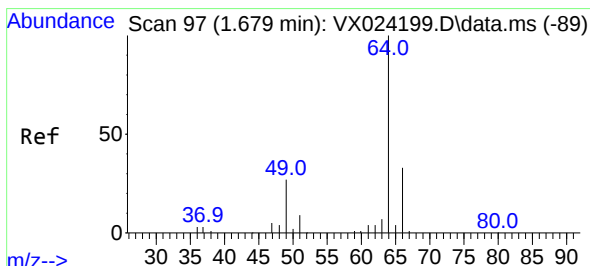
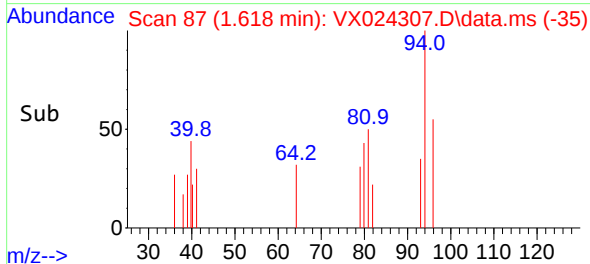
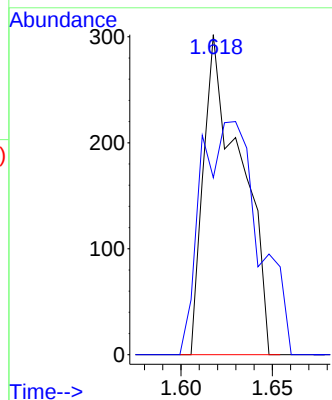
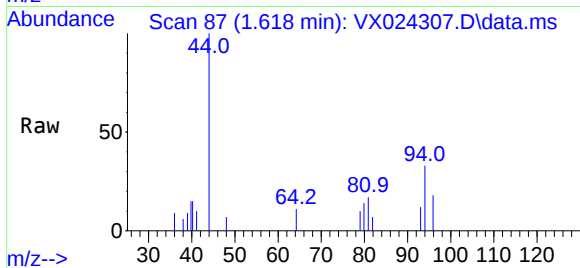




#5
Bromomethane
Concen: 0.530 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

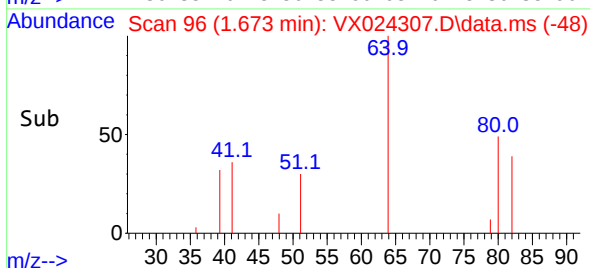
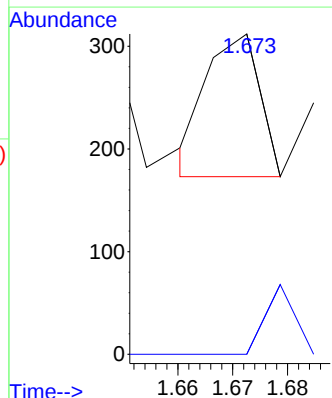
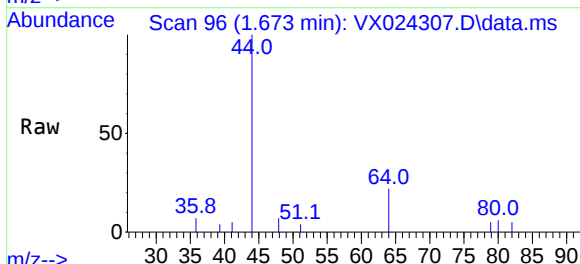
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

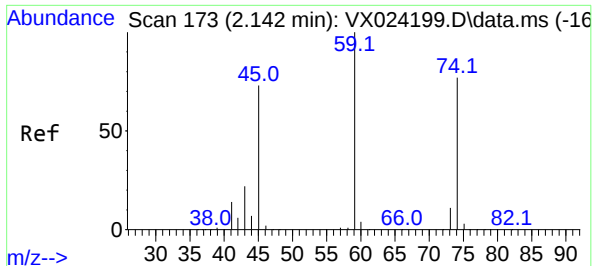
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 55.3 76.4 114.6#



#6
Chloroethane
Concen: 2.083 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

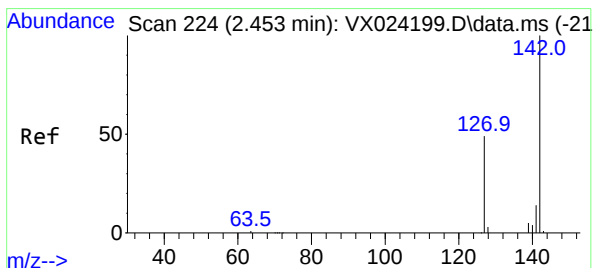
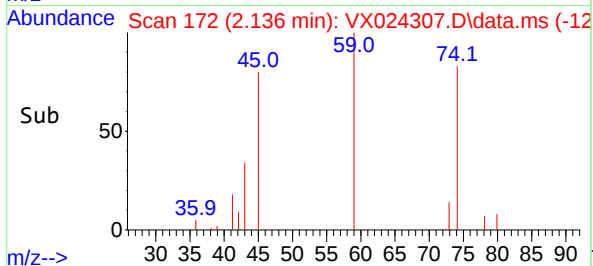
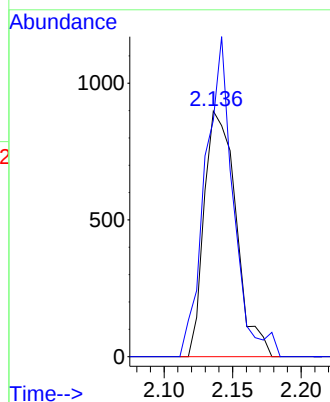
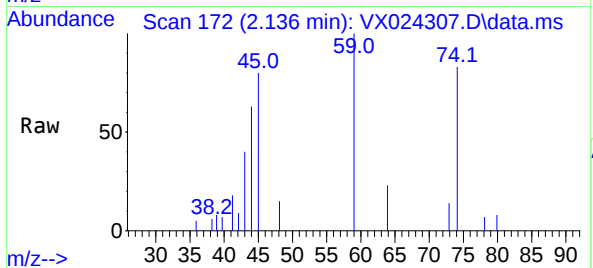




#8
Diethyl Ether
Concen: 1.843 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

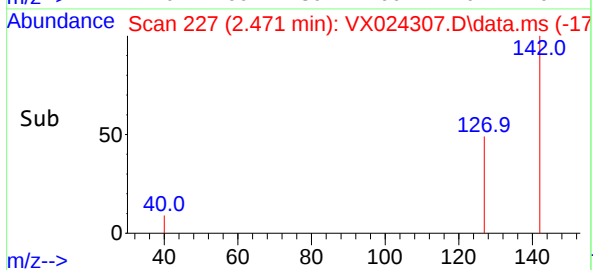
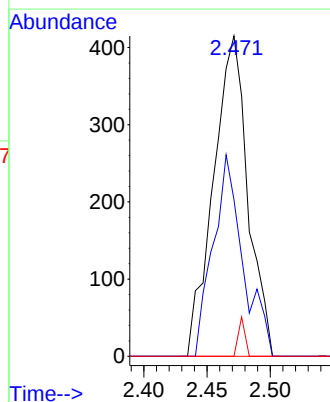
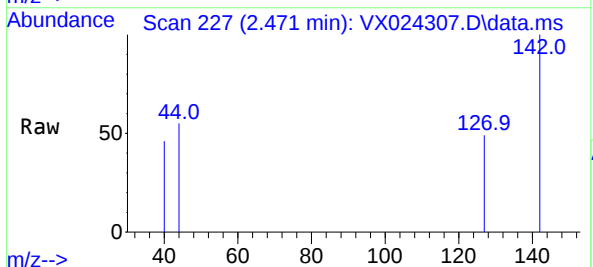
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

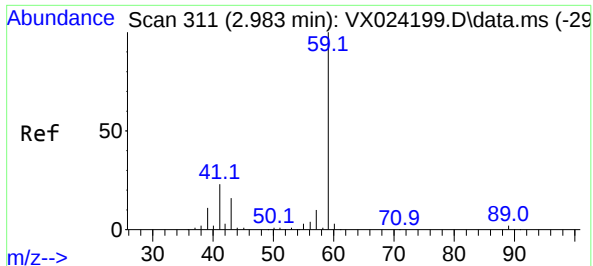
Tgt Ion: 74 Resp: 1451
Ion Ratio Lower Upper
74 100
45 114.7 44.5 133.5



#10
Methyl Iodide
Concen: 0.425 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 142 Resp: 786
Ion Ratio Lower Upper
142 100
127 54.6 33.3 49.9#
141 2.4 11.4 17.0#



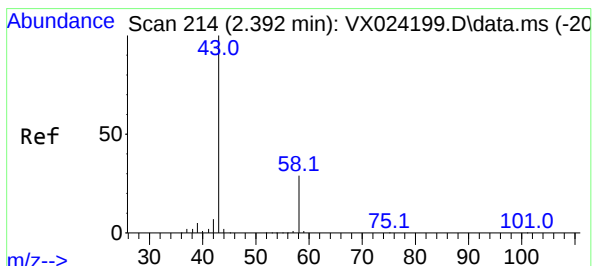
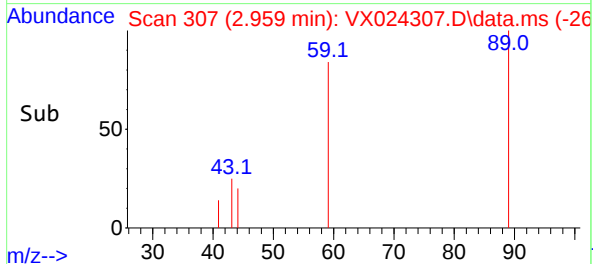
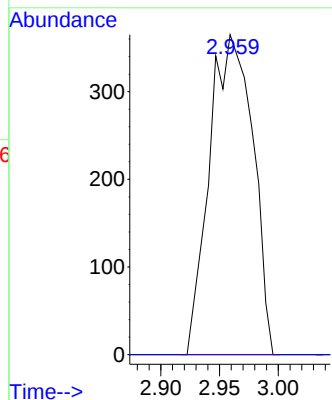
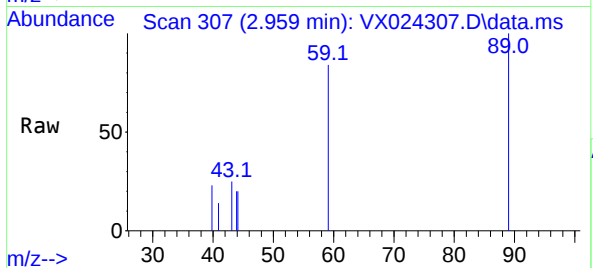


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

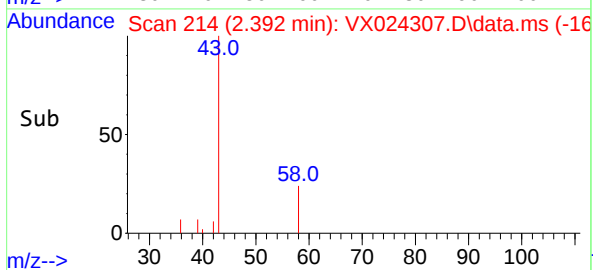
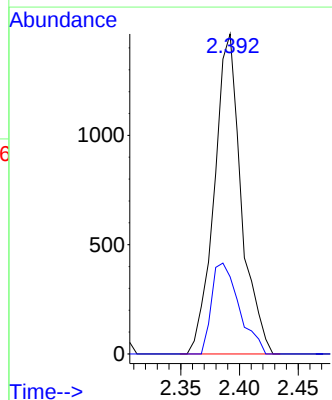
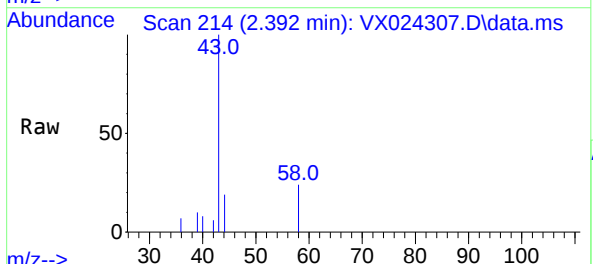
Tgt Ion: 59 Resp: 939
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

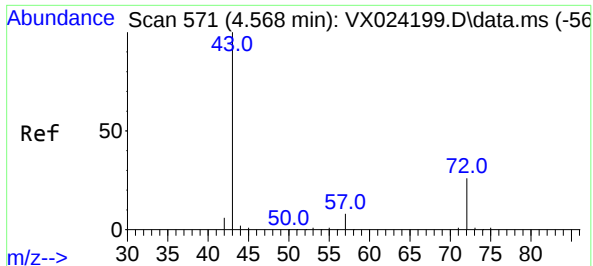


#16

Acetone
Concen: 2.826 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#

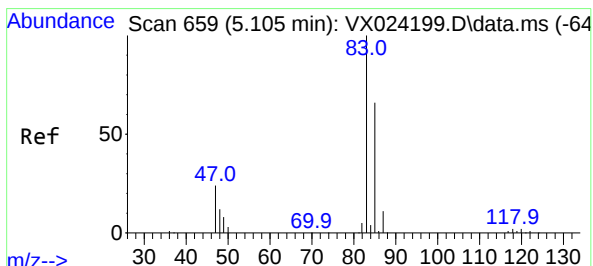
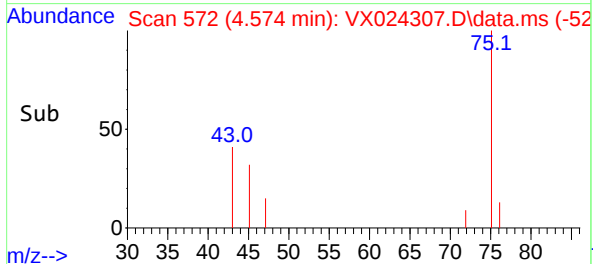
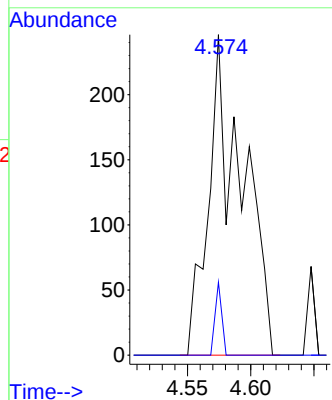
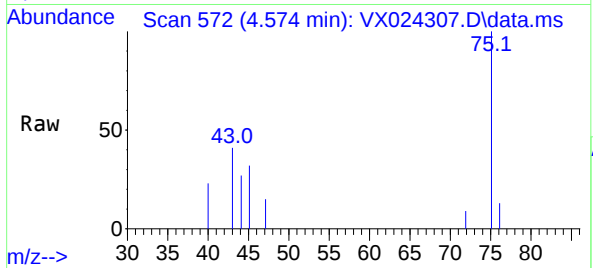




#25
2-Butanone
Concen: 0.374 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

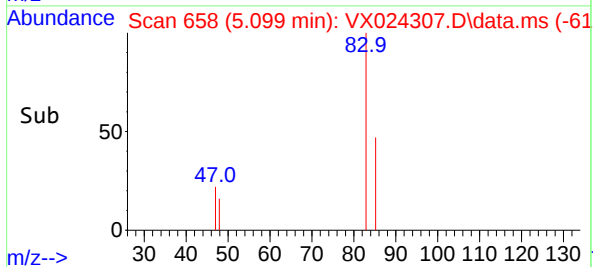
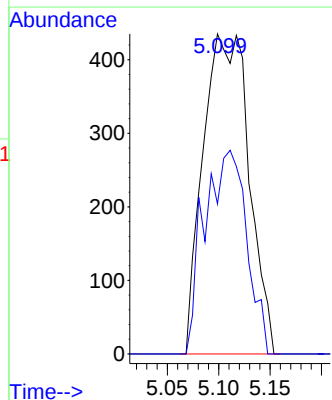
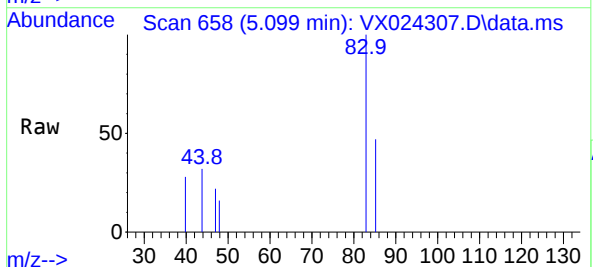
Instrument :
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ClientSampleId :
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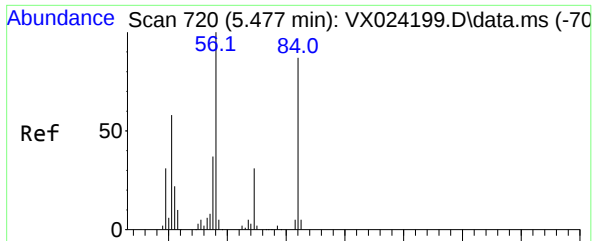
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#



#30
Chloroform
Concen: 0.485 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

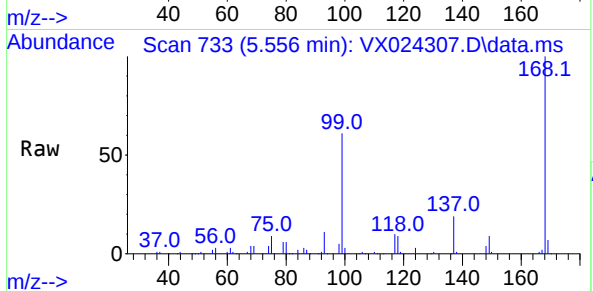
Tgt Ion: 83 Resp: 1352
Ion Ratio Lower Upper
83 100
85 46.9 52.0 78.0#



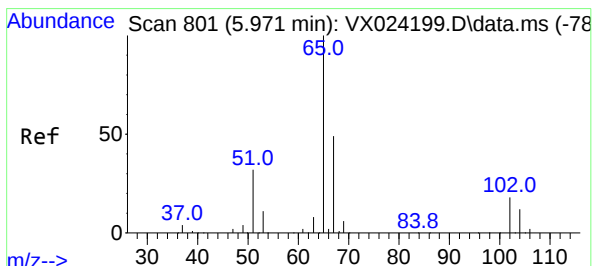
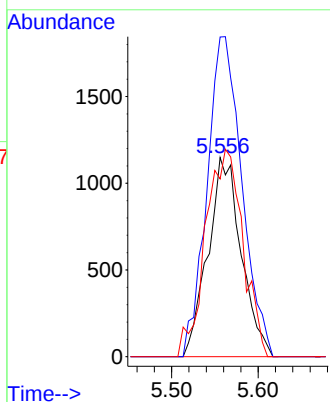
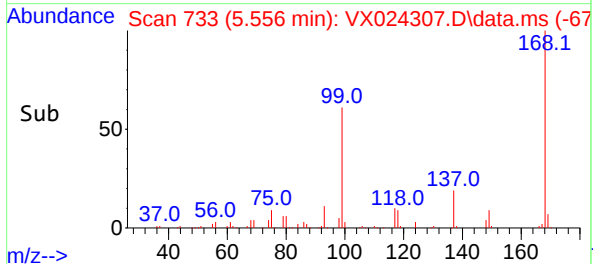


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

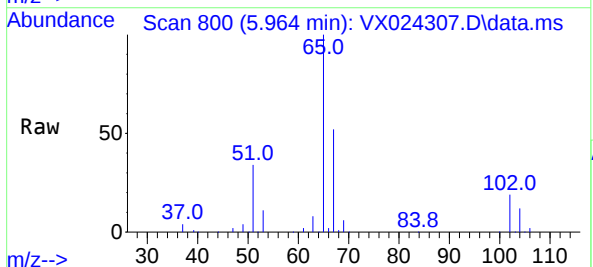
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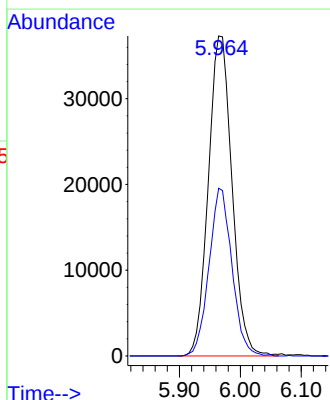
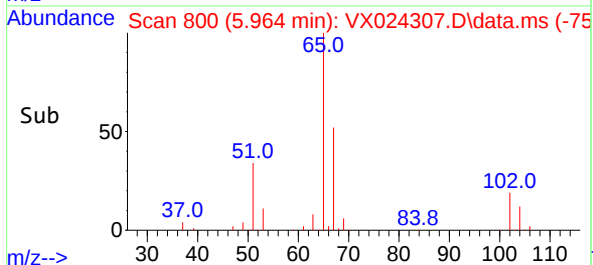
Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 160.4 25.3 37.9#
84 89.2 71.4 107.0

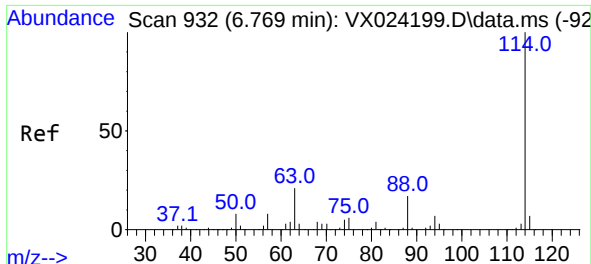


#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23



Tgt Ion: 65 Resp: 100818
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

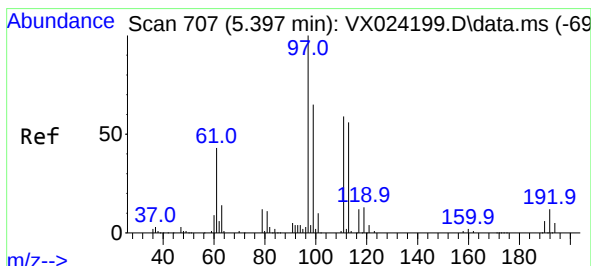
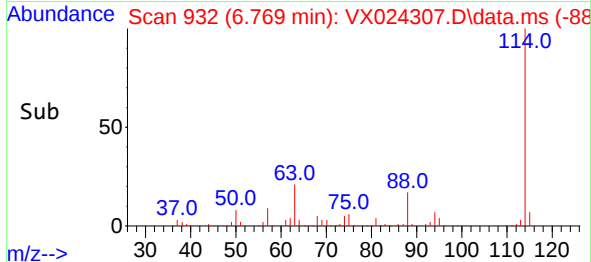
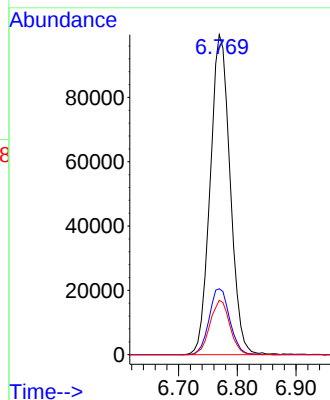
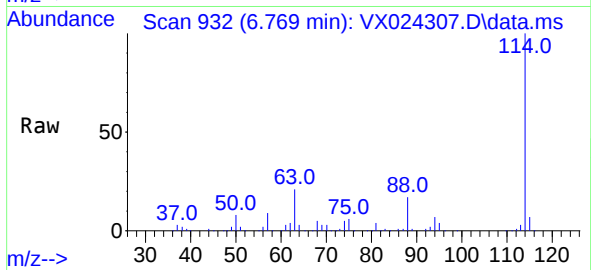




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

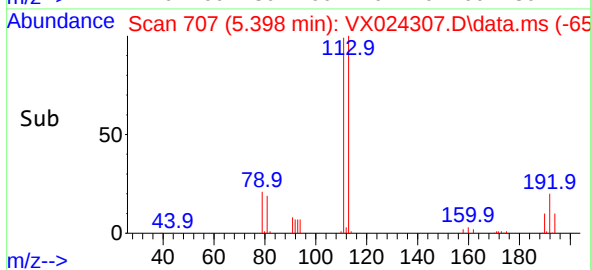
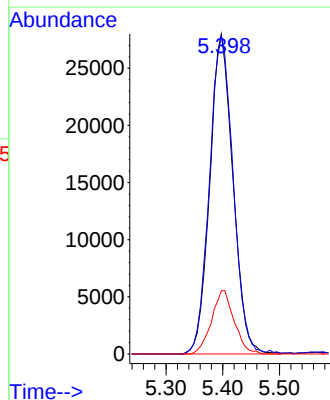
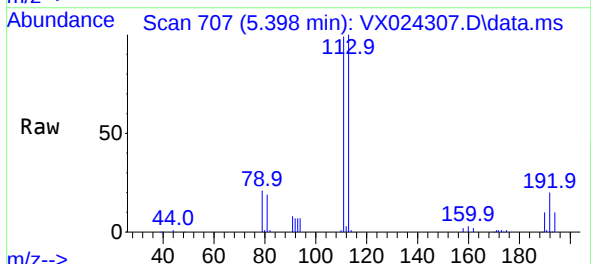
Instrument :
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SW-CB-03-(1.0)

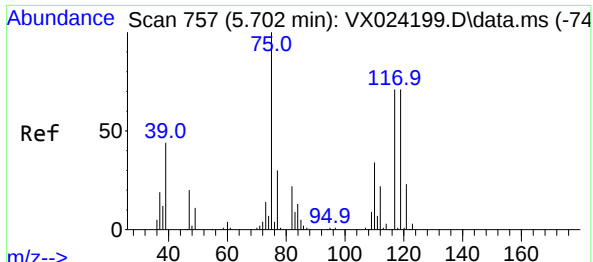
Tgt Ion:114 Resp: 234290
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.404 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion:113 Resp: 79198
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.3 16.7 25.1

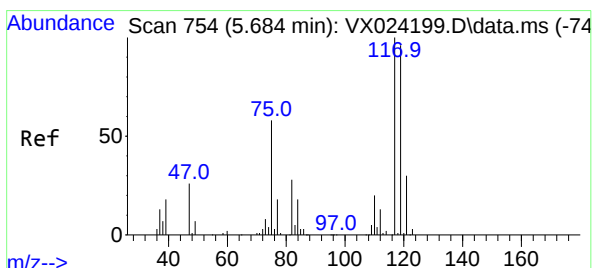
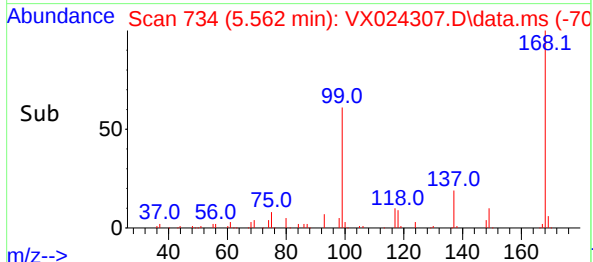
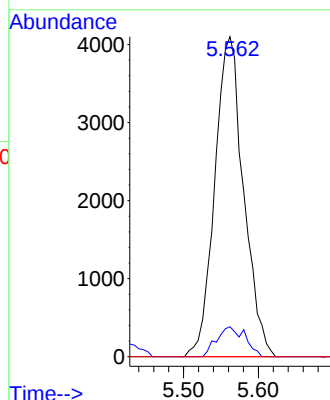
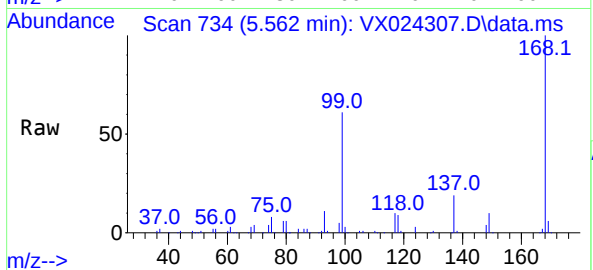




#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

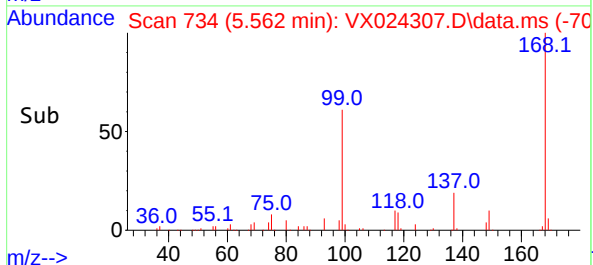
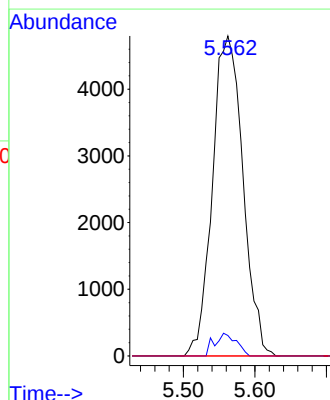
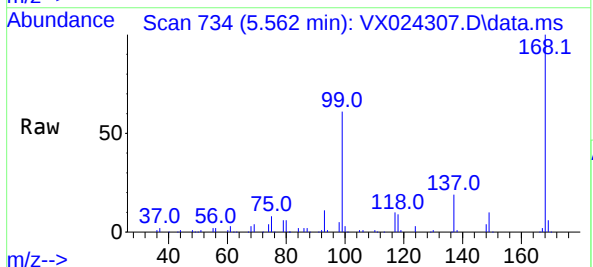
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

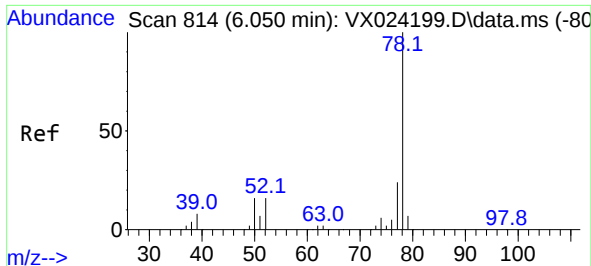
Tgt Ion:	75	Resp:	11000
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion:	117	Resp:	14193
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.2	114.2#
121	0.0	24.8	37.2#

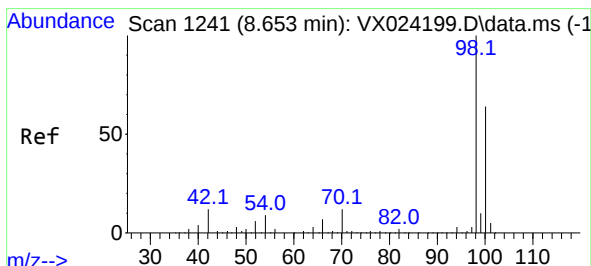
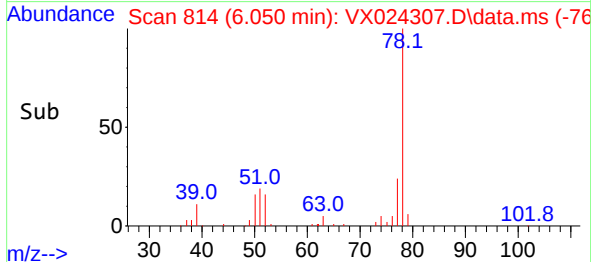
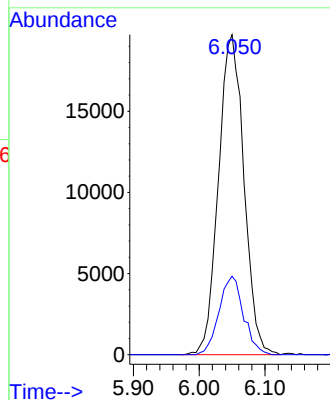
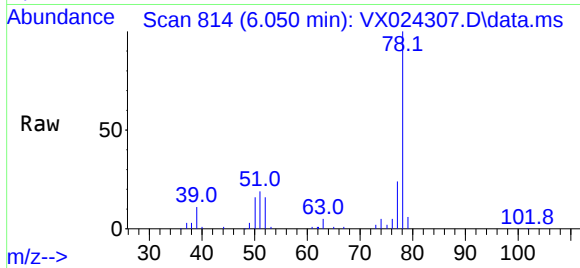




#40
Benzene
Concen: 8.584 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

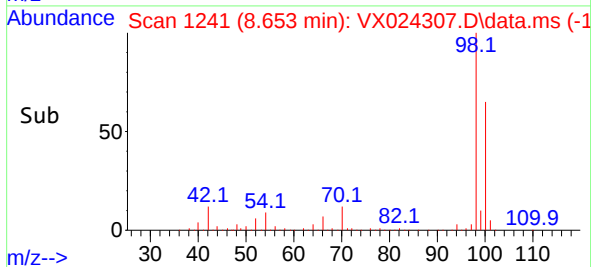
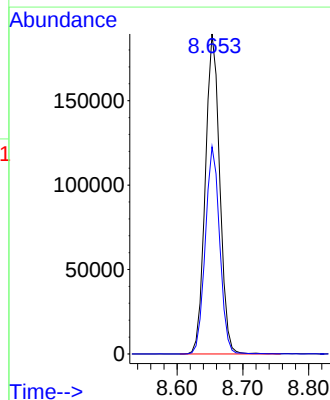
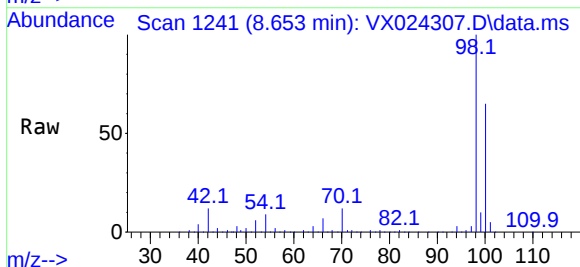
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

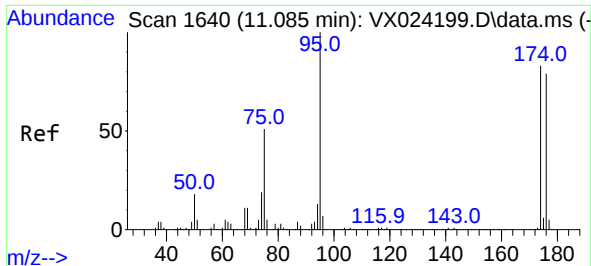
Tgt Ion: 78 Resp: 53034
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



#50
Toluene-d8
Concen: 50.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 98 Resp: 289319
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

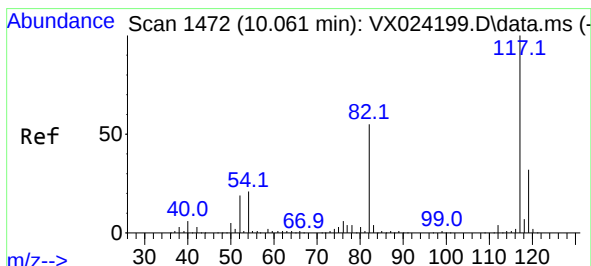
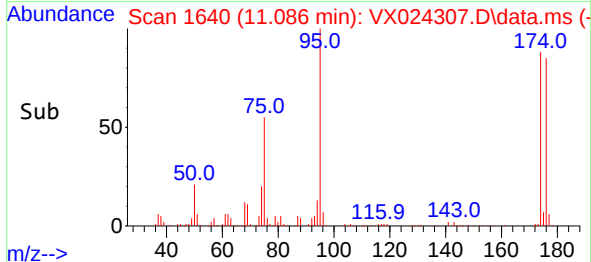
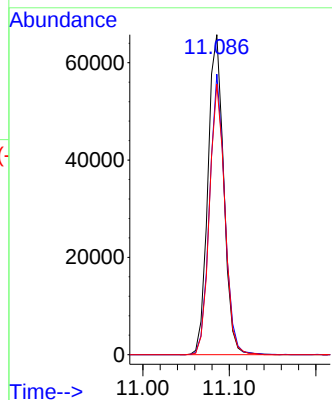
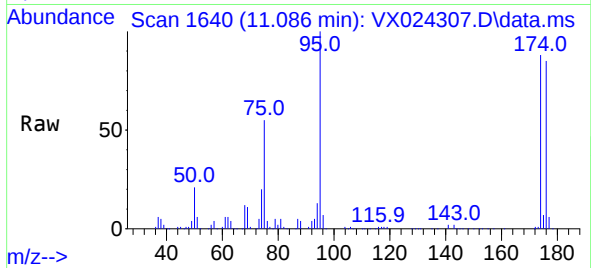




#62
4-Bromofluorobenzene
Concen: 37.332 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

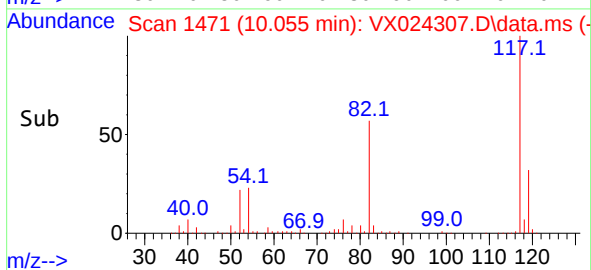
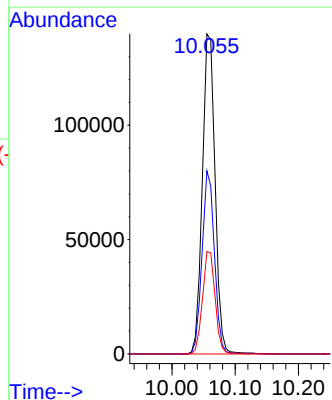
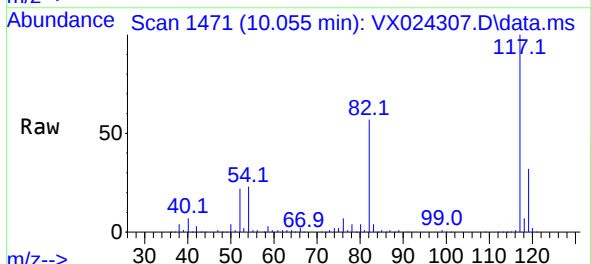
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

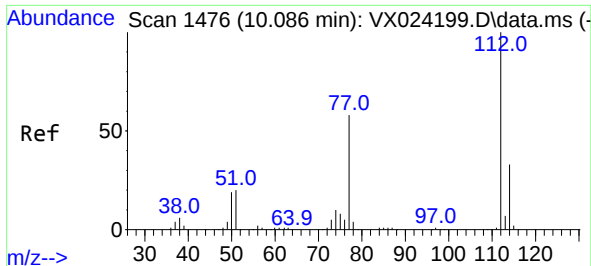
Tgt Ion: 95 Resp: 83160
Ion Ratio Lower Upper
95 100
174 84.3 0.0 154.6
176 82.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 117 Resp: 196641
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 26.6 39.8

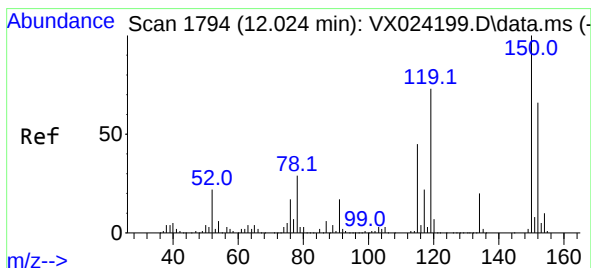
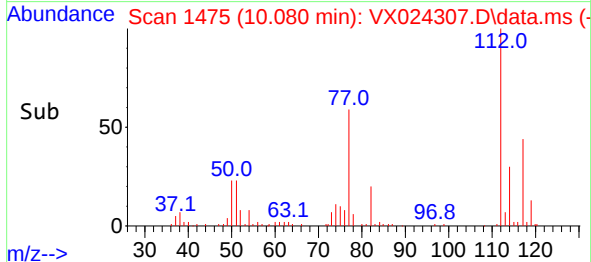
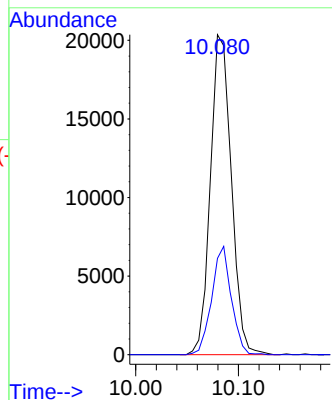
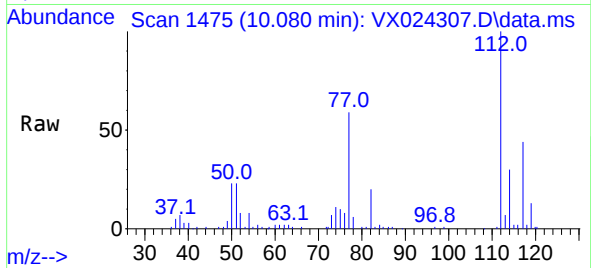




#65
Chlorobenzene
Concen: 7.124 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

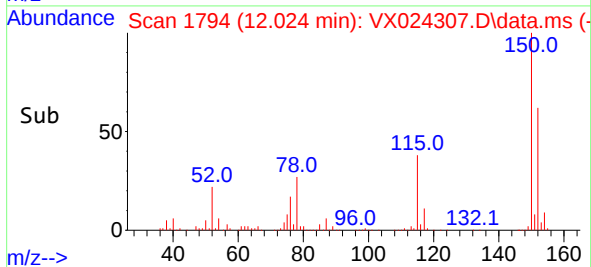
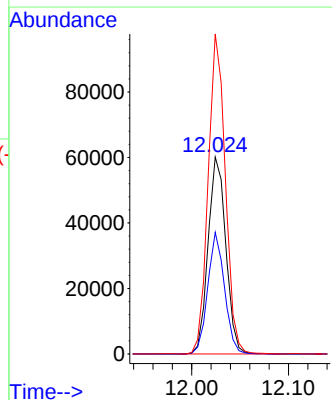
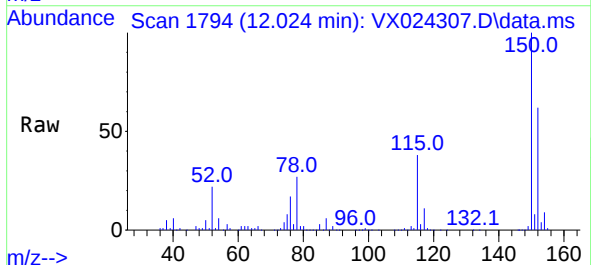
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

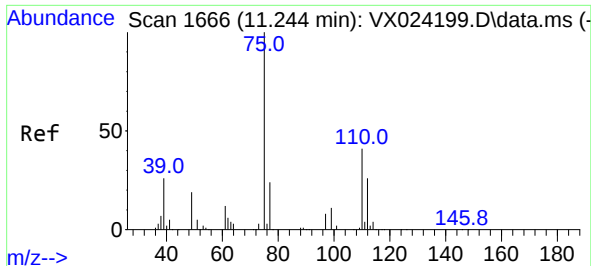
Tgt Ion:112 Resp: 28819
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion:152 Resp: 76898
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 157.1 0.0 349.0

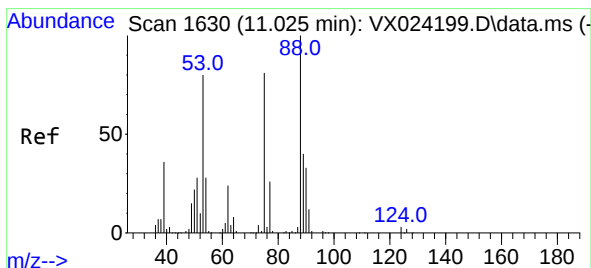
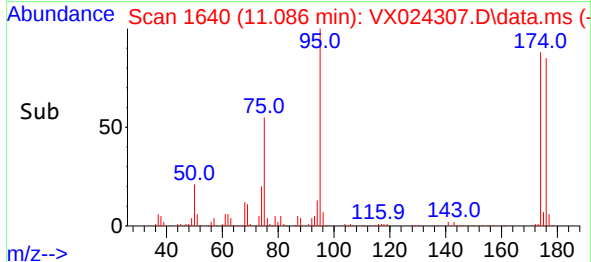
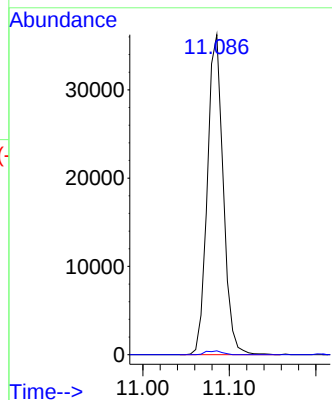
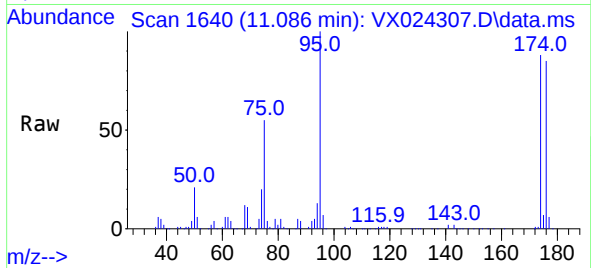




#76
1,2,3-Trichloropropane
Concen: 26.068 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

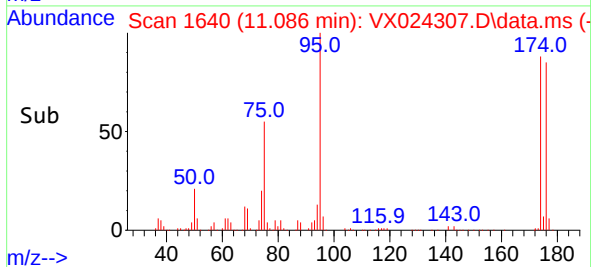
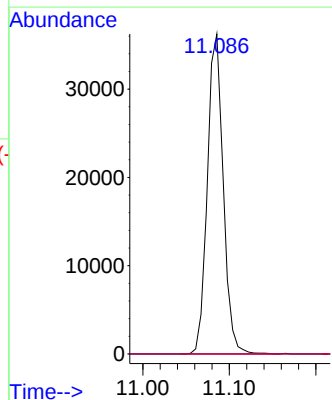
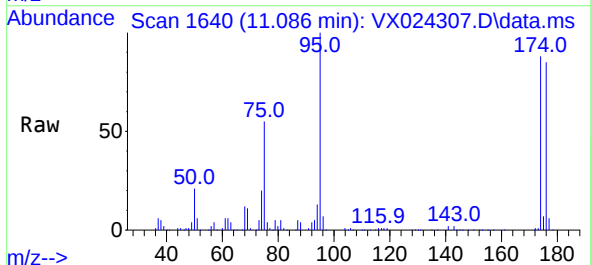
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

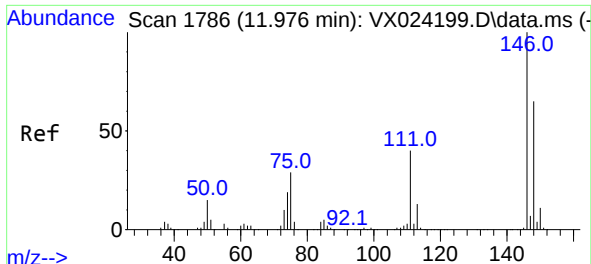
Tgt Ion: 75 Resp: 46093
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.666 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion: 75 Resp: 46093
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



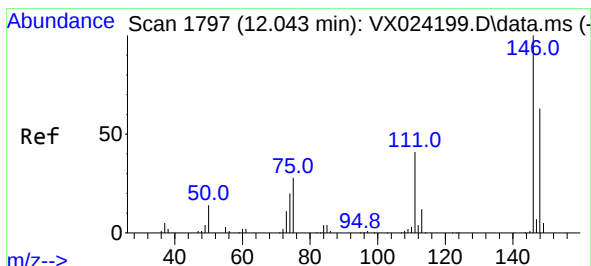
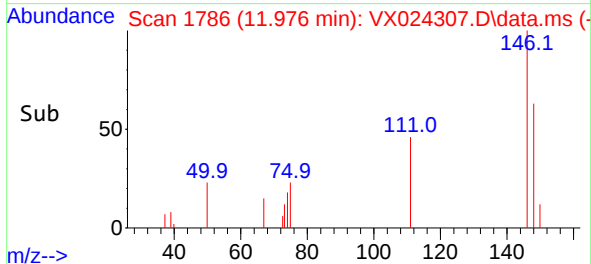
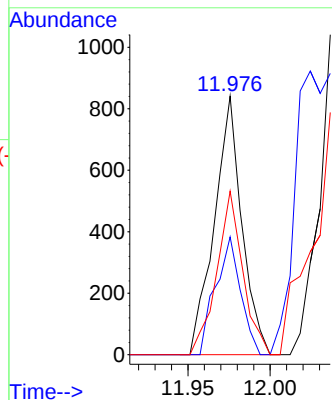
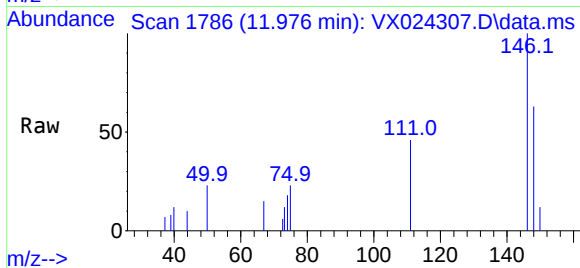


#87

1,3-Dichlorobenzene
Concen: 0.380 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

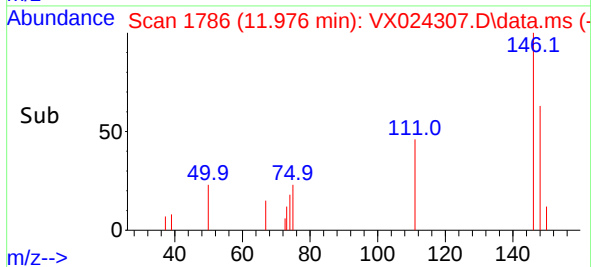
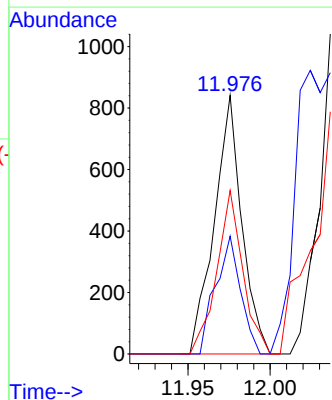
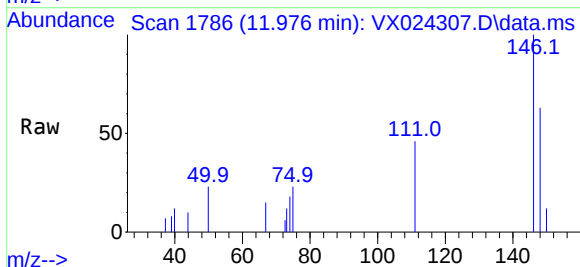
Tgt Ion:146	Resp:	980
Ion	Ratio	Lower Upper
146	100	
111	41.4	20.2 60.5
148	59.8	31.9 95.7

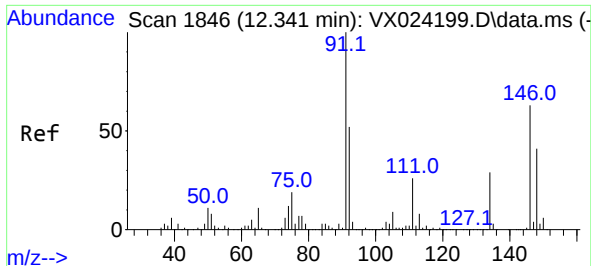


#88

1,4-Dichlorobenzene
Concen: 0.372 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion:146	Resp:	980
Ion	Ratio	Lower Upper
146	100	
111	41.4	19.6 58.8
148	59.8	31.6 95.0



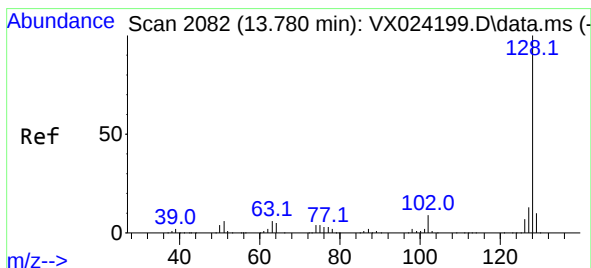
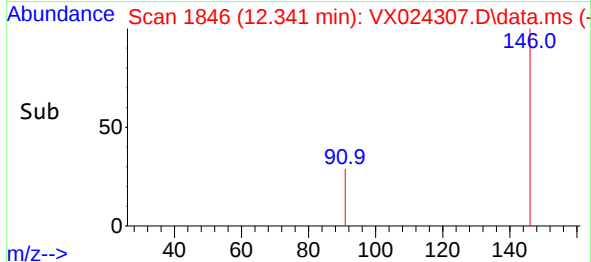
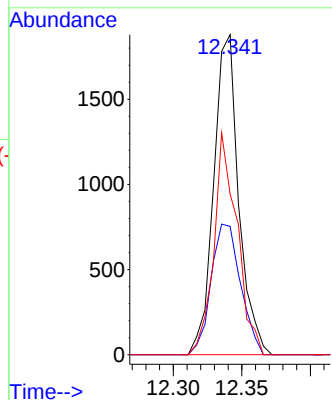
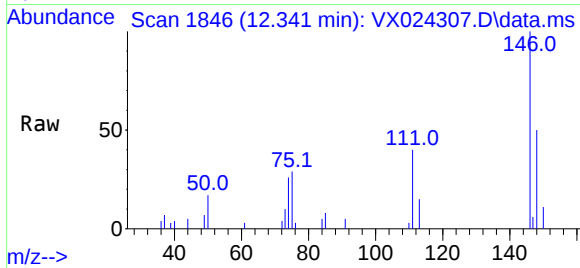


#91
1,2-Dichlorobenzene
Concen: 0.942 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-03-(1.0)

Tgt Ion:146 Resp: 2383

Ion	Ratio	Lower	Upper
146	100		
111	48.1	20.8	62.2
148	64.3	31.9	95.5



#95
Naphthalene
Concen: 1.430 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024307.D
Acq: 17 Sep 2021 14:23

Tgt Ion:128 Resp: 804

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.3	15.5#
129	9.3	8.8	13.2

