

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090721\
 Data File : VX024116.D
 Acq On : 07 Sep 2021 13:58
 Operator : JC/MD
 Sample : VX0907MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 13:24:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

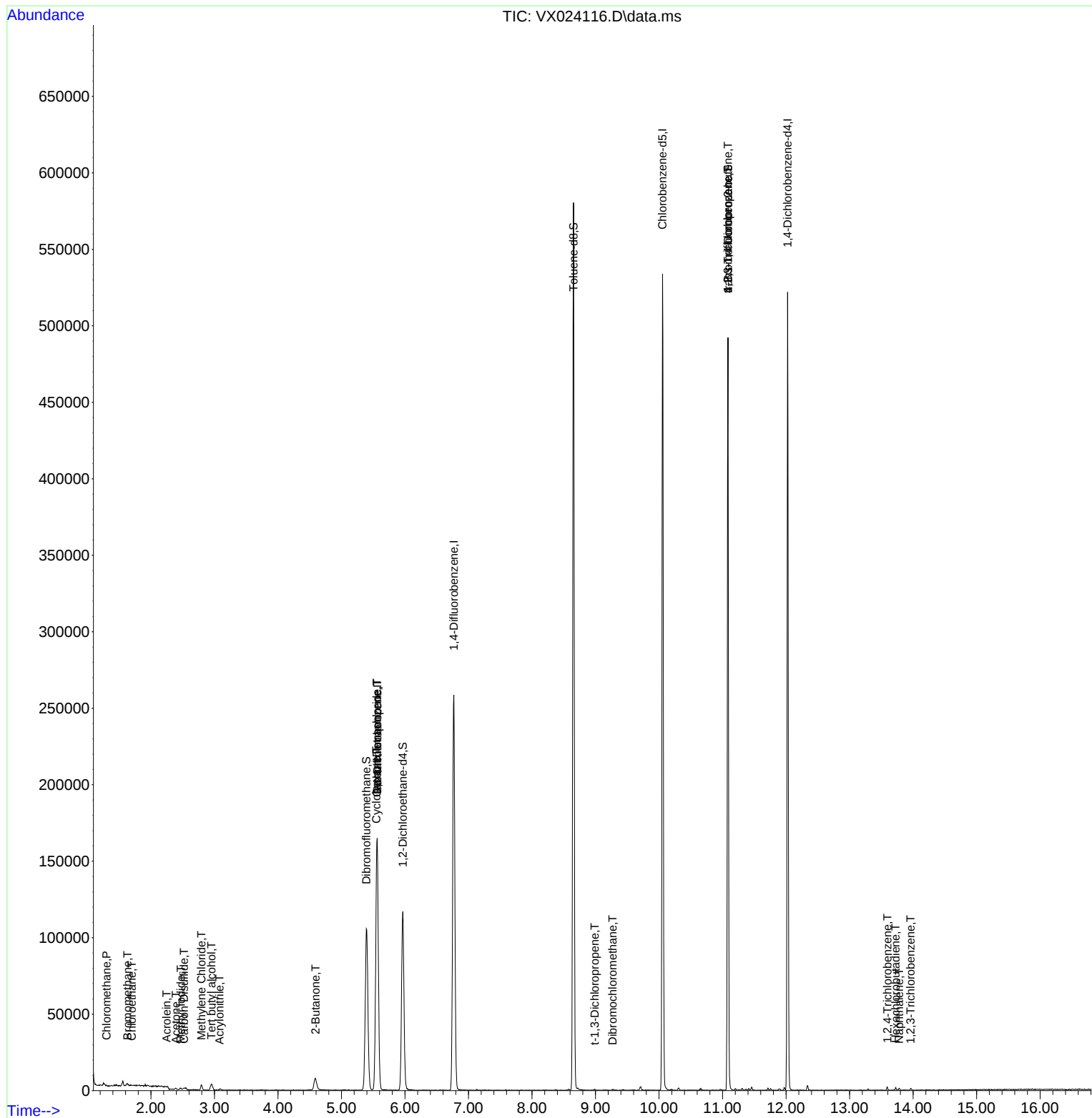
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	155455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	118056	54.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.820%	
35) Dibromofluoromethane	5.391	113	90417	52.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.820%	
50) Toluene-d8	8.653	98	332370	51.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.085	95	119582	49.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.900%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	512	0.284	ug/l	99
5) Bromomethane	1.629	94	1106	1.002	ug/l #	79
6) Chloroethane	1.696	64	177	2.333	ug/l #	43
10) Methyl Iodide	2.471	142	1405	0.647	ug/l #	96
11) Tert butyl alcohol	2.952	59	2633	6.001	ug/l #	73
13) Acrolein	2.245	56	168	0.643	ug/l	91
15) Acrylonitrile	3.080	53	335	0.343	ug/l #	60
16) Acetone	2.391	43	1151	1.186	ug/l	88
17) Carbon Disulfide	2.519	76	1659	0.466	ug/l	99
20) Methylene Chloride	2.794	84	1371	0.740	ug/l #	92
25) 2-Butanone	4.592	43	625	0.425	ug/l #	45
31) Cyclohexane	5.549	56	3385	1.214	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	12510	5.232	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16010	6.422	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	301	2.232	ug/l #	86
60) Dibromochloromethane	9.268	129	83	1.726	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	65486	27.339	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	65486	80.418	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	582	0.286	ug/l	92
94) Hexachlorobutadiene	13.725	225	353	0.389	ug/l	76
95) Naphthalene	13.780	128	1030	1.416	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	471	0.232	ug/l	87

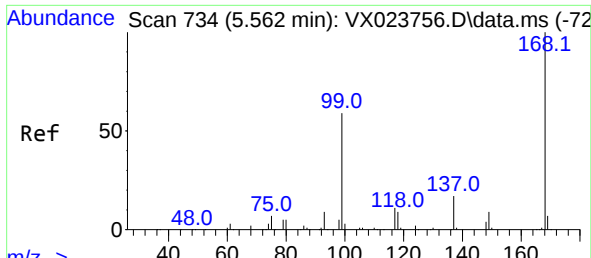
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX024116.D
Acq On : 07 Sep 2021 13:58
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Sample : VX0907MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 08 13:24:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

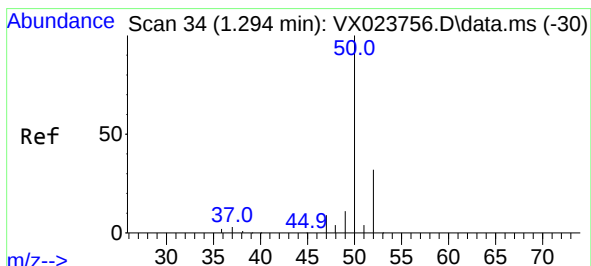
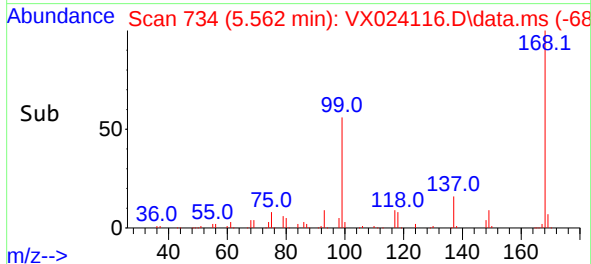
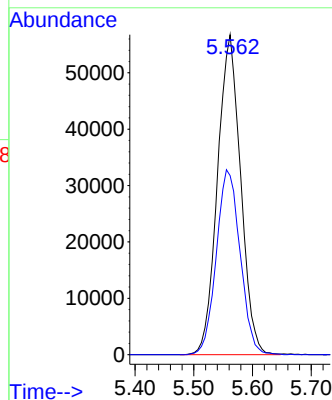
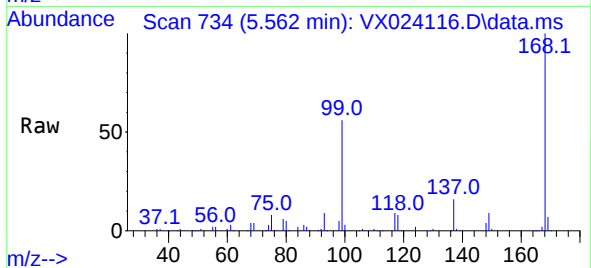




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

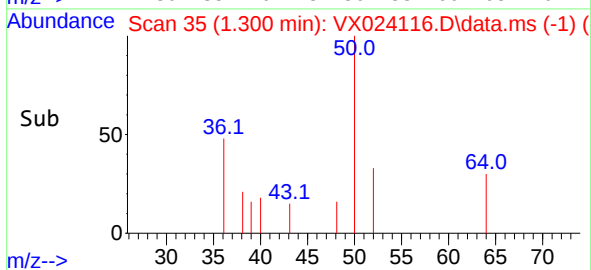
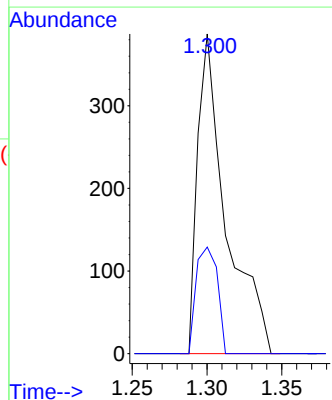
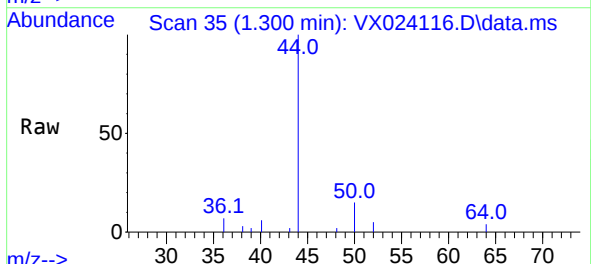
Instrument :
MSVOA_X
ClientSampled :

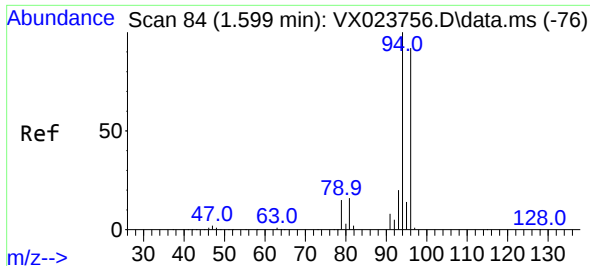
Tgt Ion:168 Resp: 155455
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

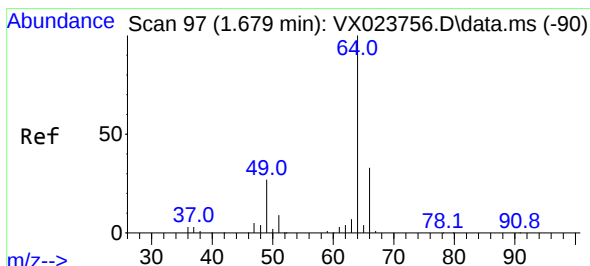
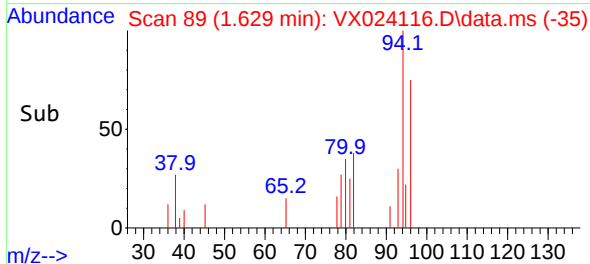
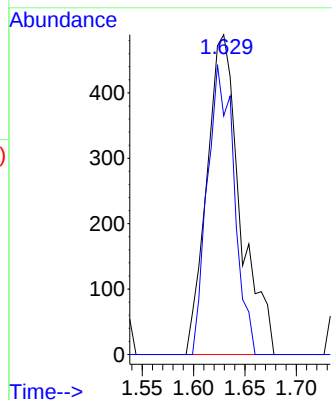
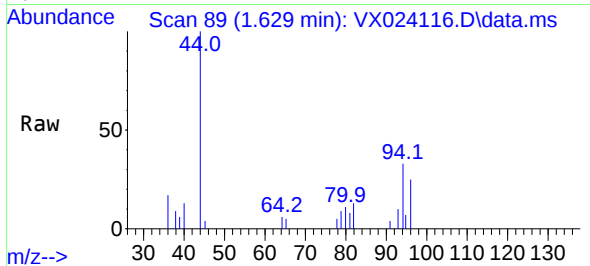




#5
Bromomethane
Concen: 1.002 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.030 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

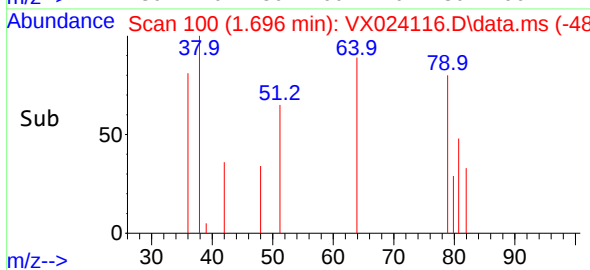
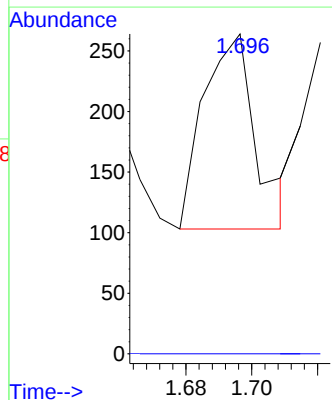
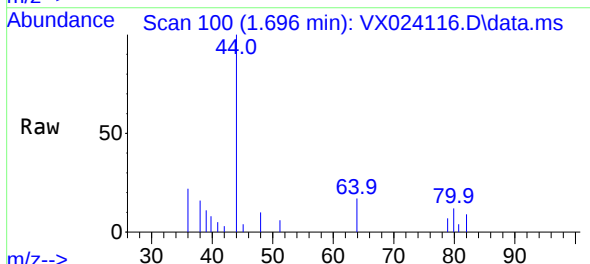
Instrument :
MSVOA_X
ClientSampled :

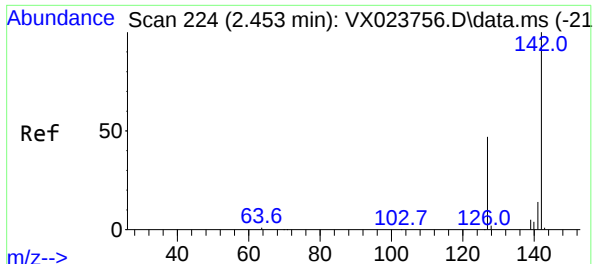
Tgt Ion: 94 Resp: 1106
Ion Ratio Lower Upper
94 100
96 74.6 76.4 114.6#



#6
Chloroethane
Concen: 2.333 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.017 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

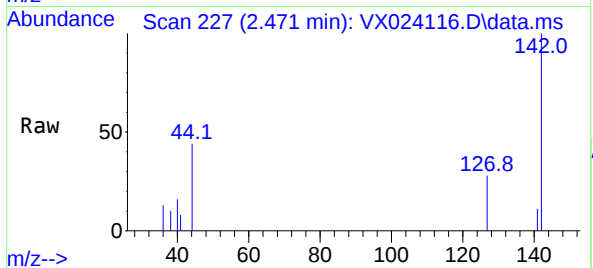
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



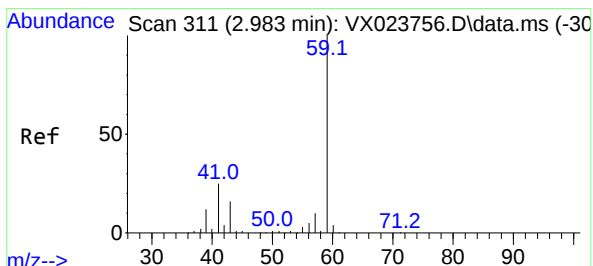
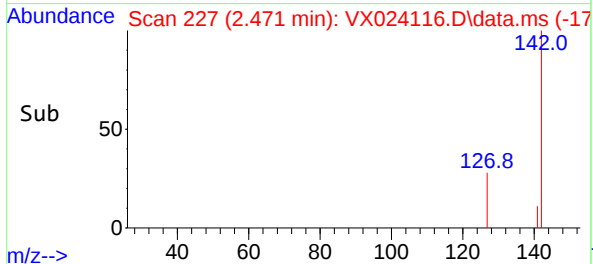
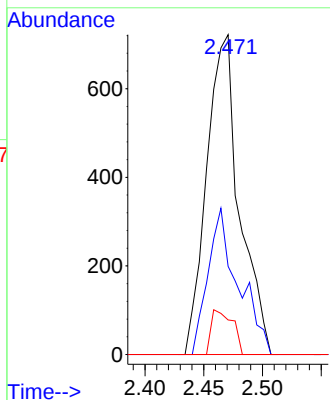


#10
Methyl Iodide
Concen: 0.647 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

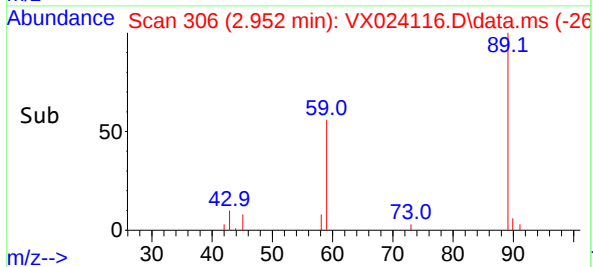
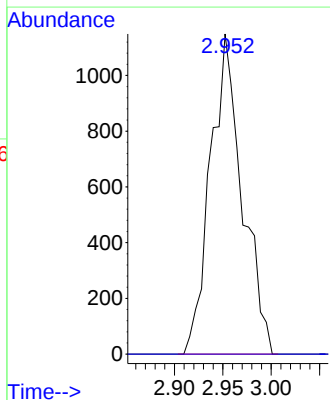
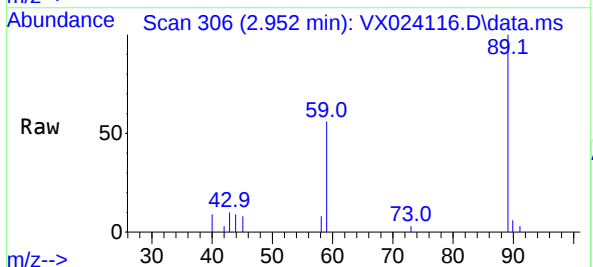


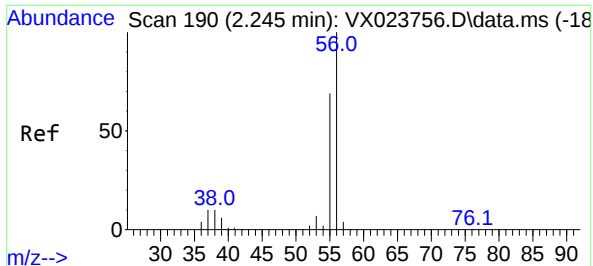
Tgt Ion:142 Resp: 1405
Ion Ratio Lower Upper
142 100
127 42.1 33.3 49.9
141 9.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.001 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 59 Resp: 2633
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

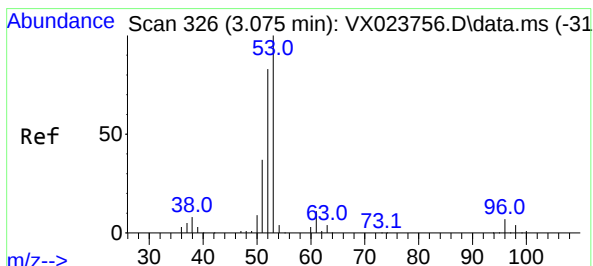
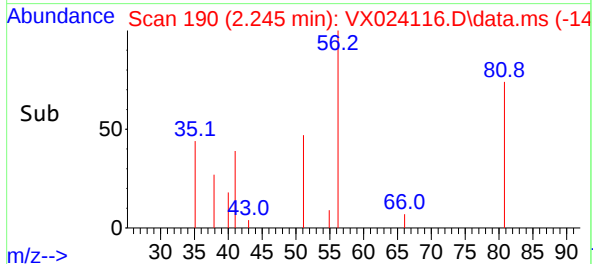
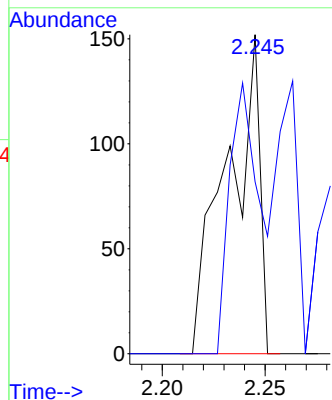
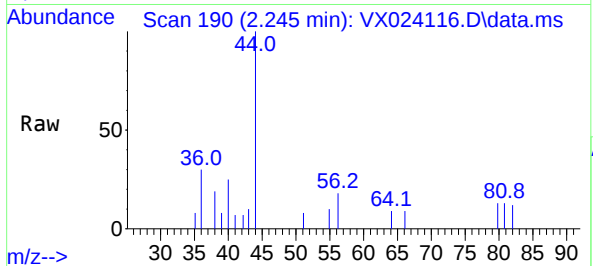




#13
Acrolein
Concen: 0.643 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

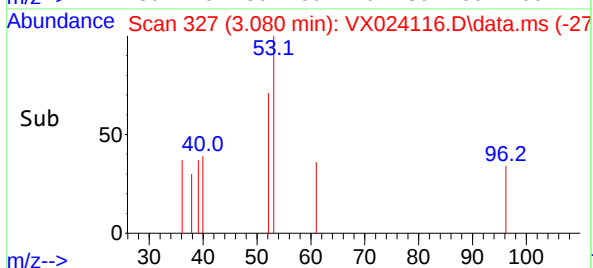
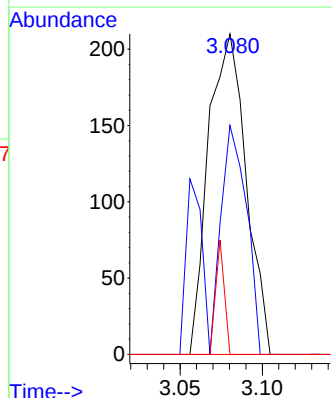
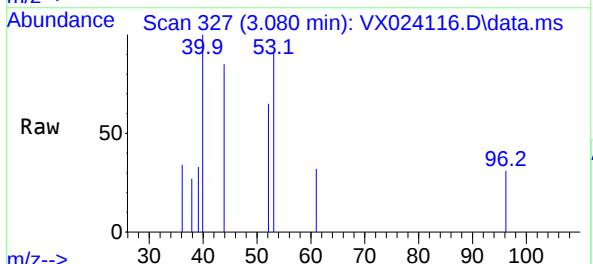
Instrument :
MSVOA_X
ClientSampled :

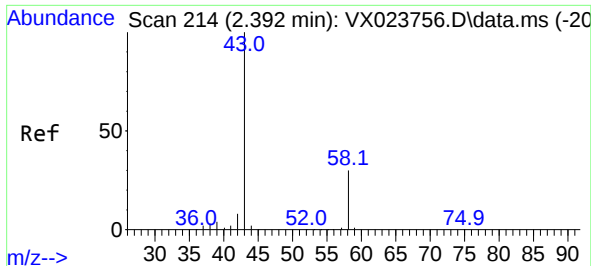
Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 78.0 56.4 84.6



#15
Acrylonitrile
Concen: 0.343 ug/l
RT: 3.080 min Scan# 327
Delta R.T. 0.005 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 53 Resp: 335
Ion Ratio Lower Upper
53 100
52 48.4 65.3 97.9#
51 8.1 28.2 42.2#

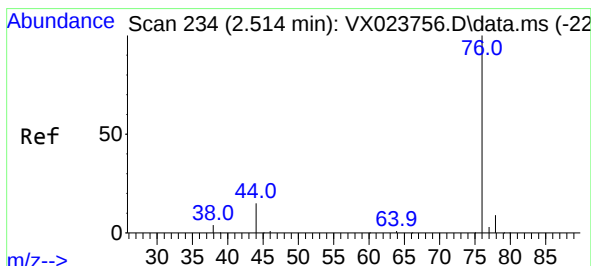
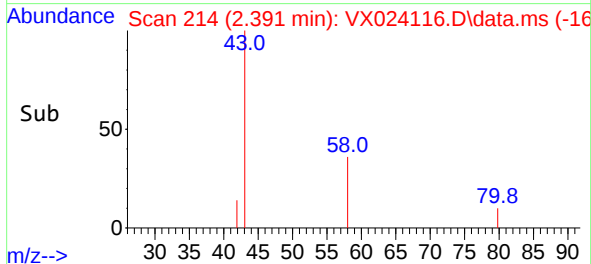
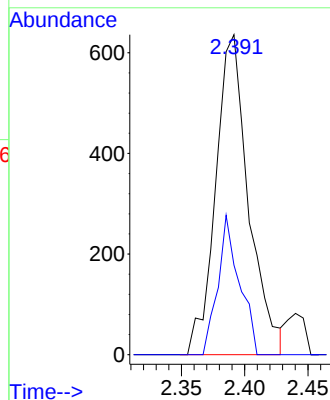
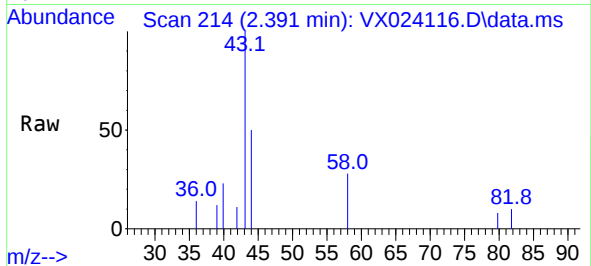




#16
Acetone
Concen: 1.186 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

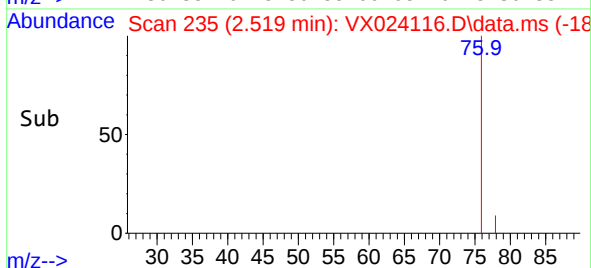
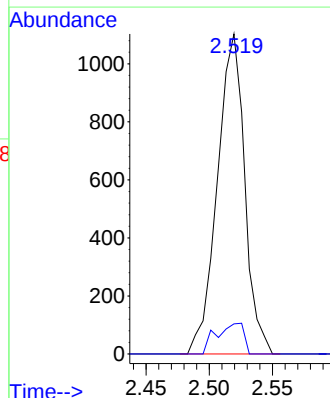
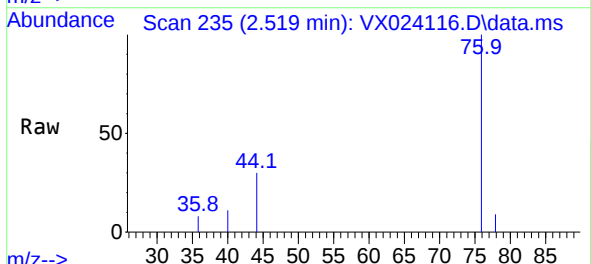
Instrument :
MSVOA_X
ClientSampleId :

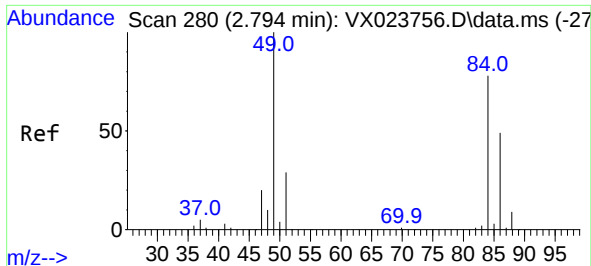
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.466 ug/l
RT: 2.519 min Scan# 235
Delta R.T. 0.005 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 76 Resp: 1659
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



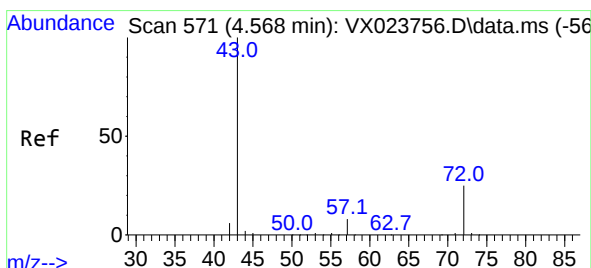
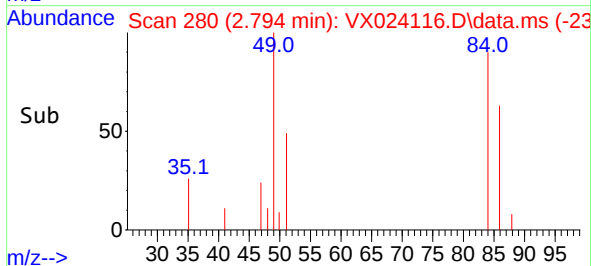
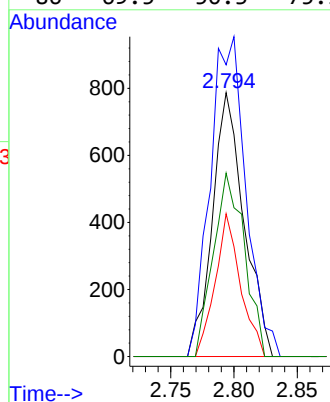
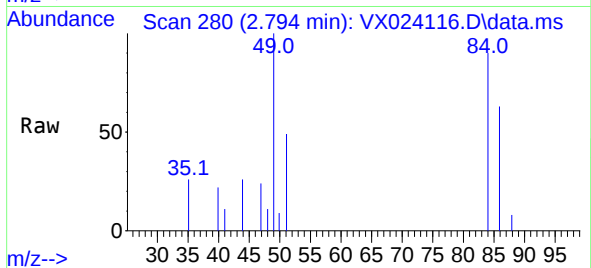


#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 1371

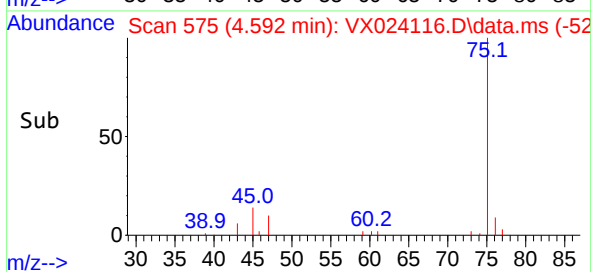
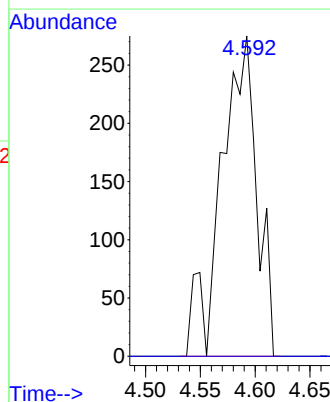
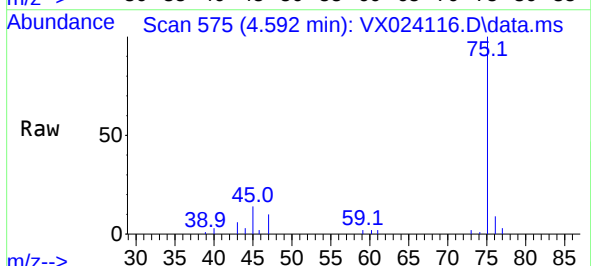
Ion	Ratio	Lower	Upper
84	100		
49	110.5	88.6	132.8
51	54.1	27.0	40.6#
86	69.5	50.3	75.5

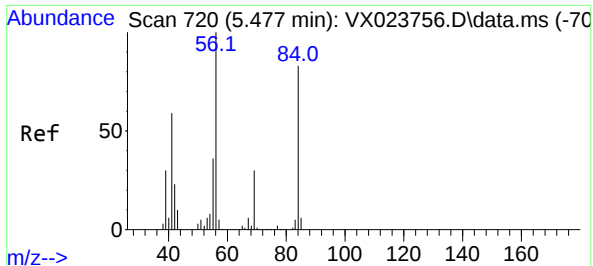


#25
2-Butanone
Concen: 0.425 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 43 Resp: 625

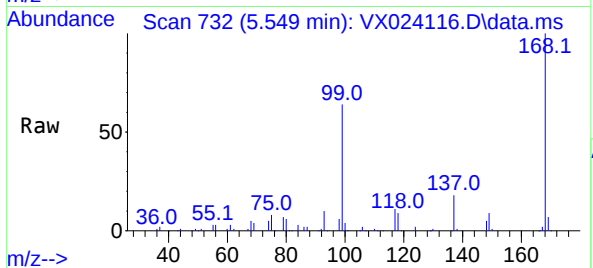
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



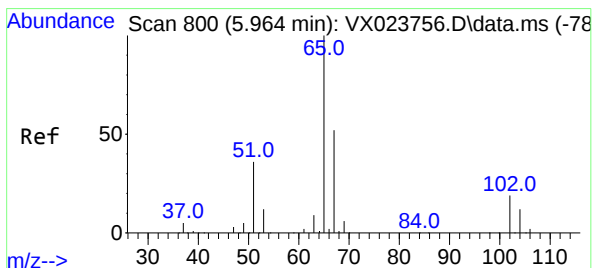
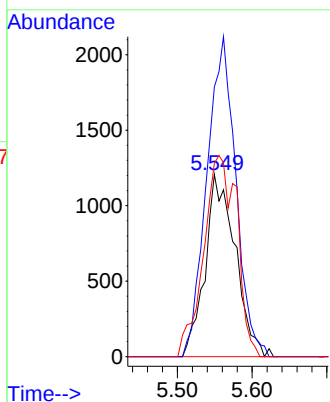
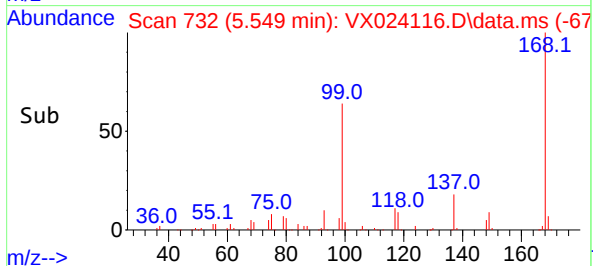


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.072 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

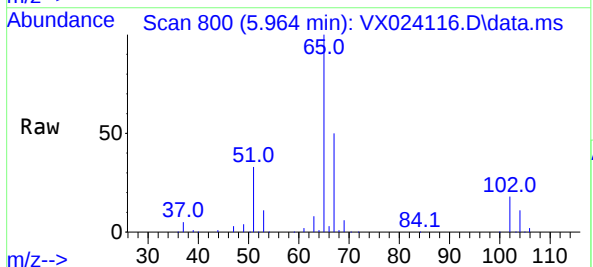
Instrument :
MSVOA_X
ClientSampled :



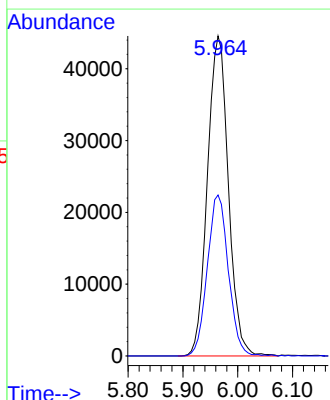
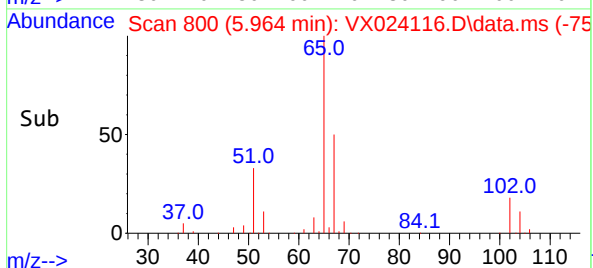
Tgt Ion: 56 Resp: 3385
Ion Ratio Lower Upper
56 100
69 148.1 25.3 37.9#
84 106.0 71.4 107.0

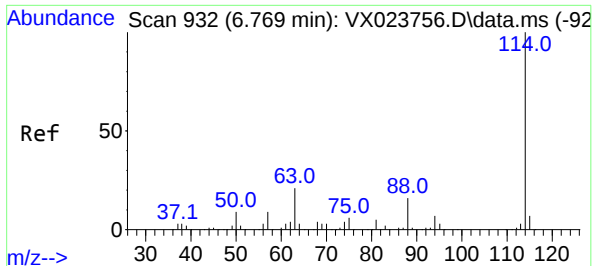


#33
1,2-Dichloroethane-d4
Concen: 54.412 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58



Tgt Ion: 65 Resp: 118056
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

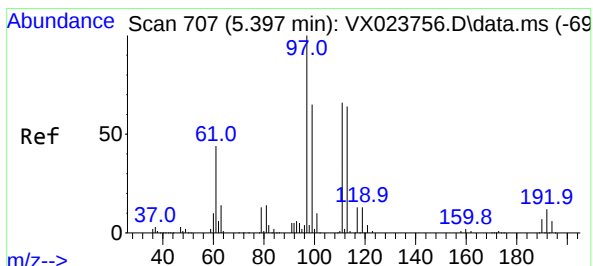
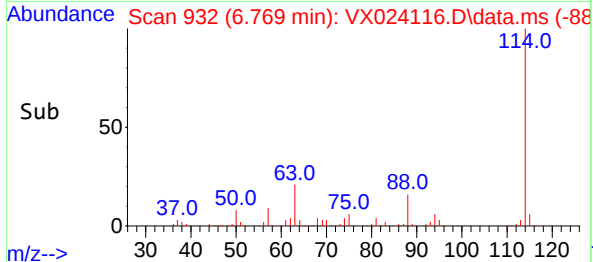
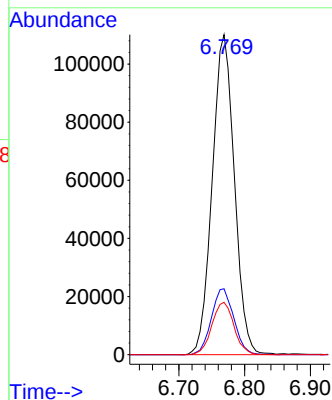
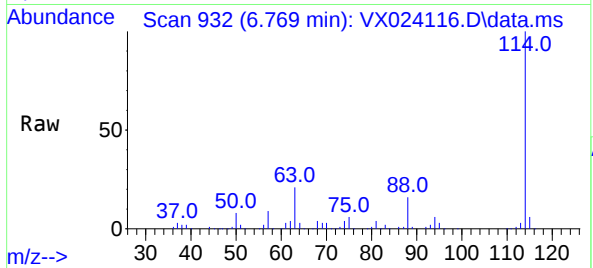




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

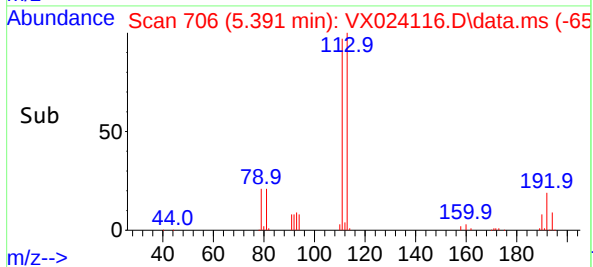
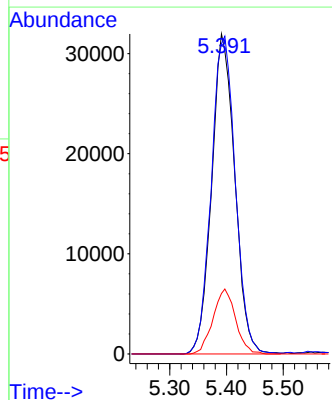
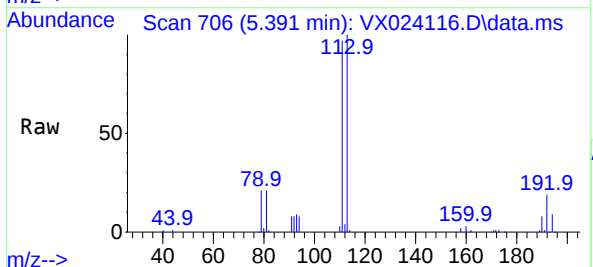
Instrument :
MSVOA_X
ClientSampleId :

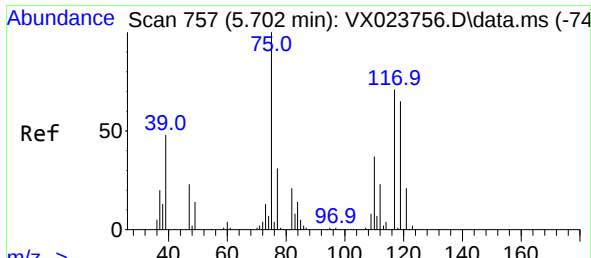
Tgt Ion:114 Resp: 258172
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.913 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

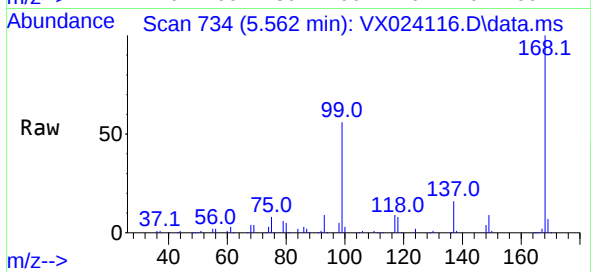
Tgt Ion:113 Resp: 90417
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.8 16.7 25.1



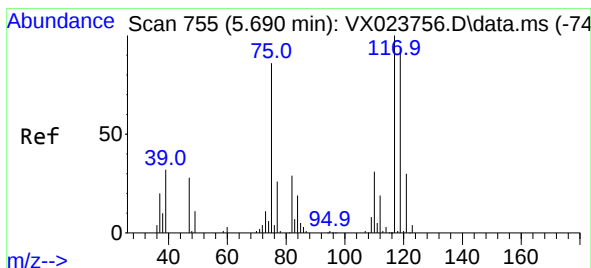
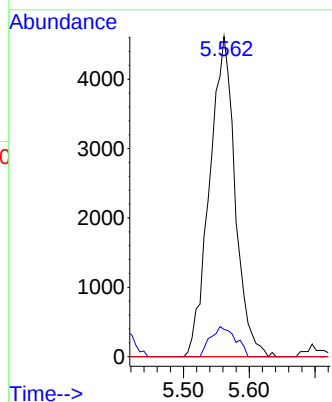
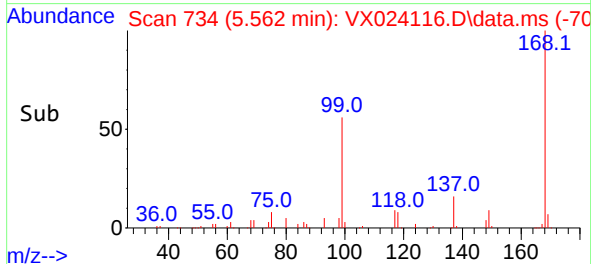


#36
1,1-Dichloropropene
Concen: 5.232 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

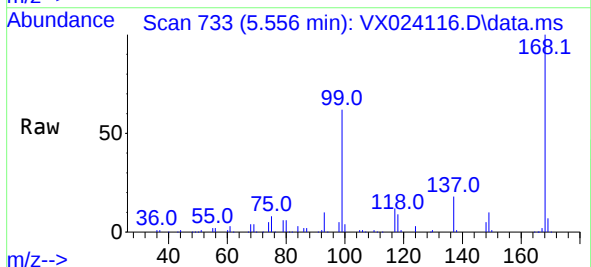
Instrument :
MSVOA_X
ClientSampled :



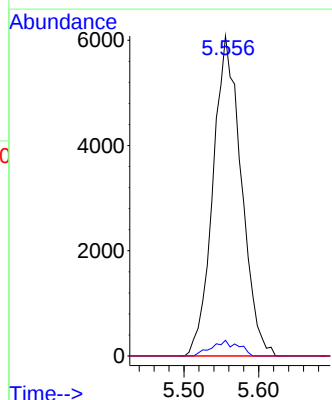
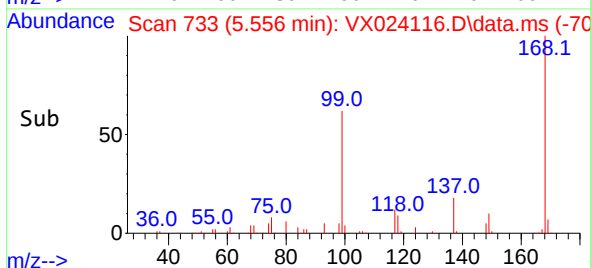
Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#

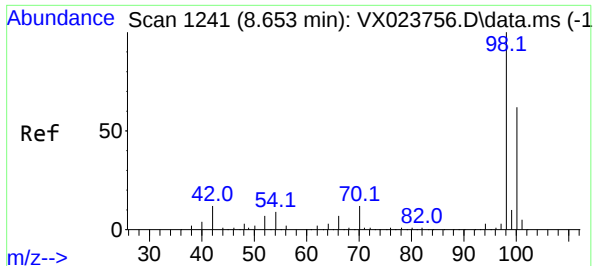


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58



Tgt Ion: 117 Resp: 16010
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

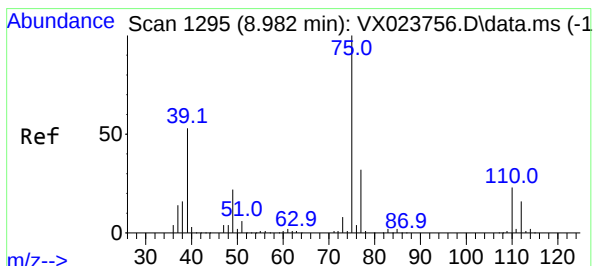
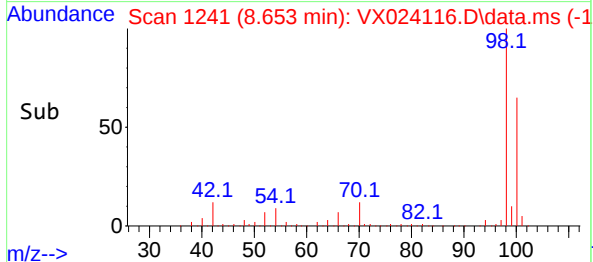
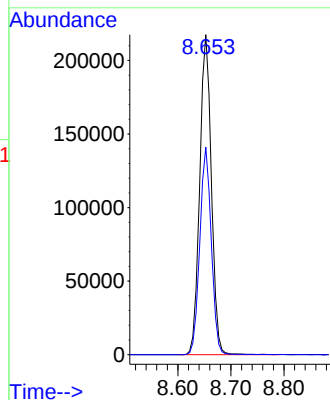
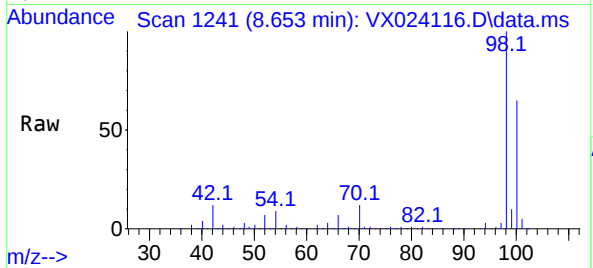




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

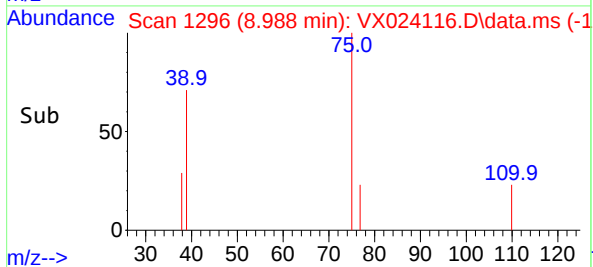
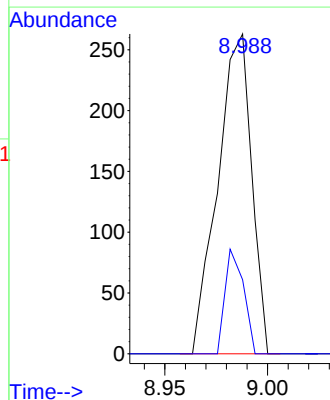
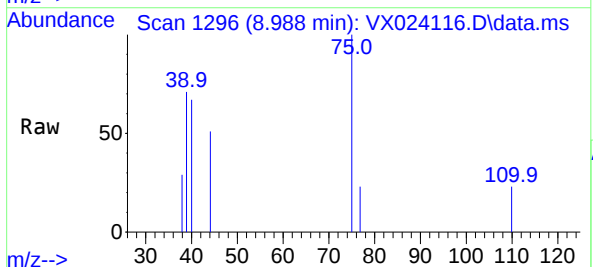
Instrument :
MSVOA_X
ClientSampled :

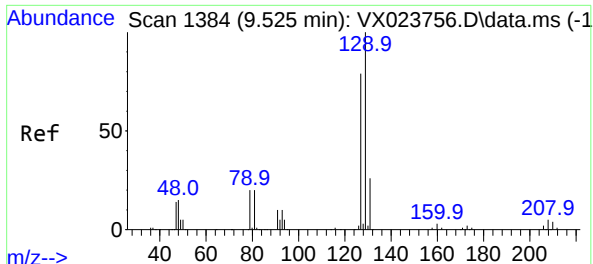
Tgt Ion: 98 Resp: 332370
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.232 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 75 Resp: 301
Ion Ratio Lower Upper
75 100
77 23.2 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.726 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.257 min

Lab File: VX024116.D

Acq: 07 Sep 2021 13:58

Instrument :

MSVOA_X

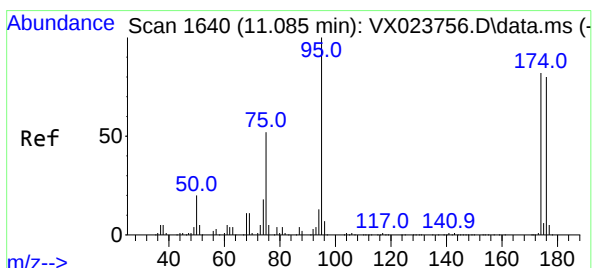
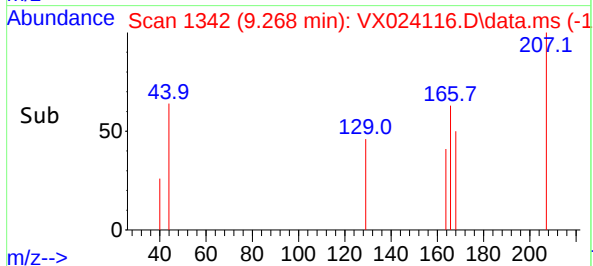
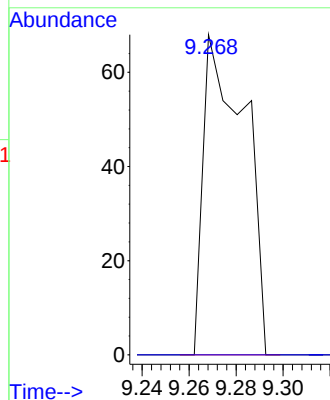
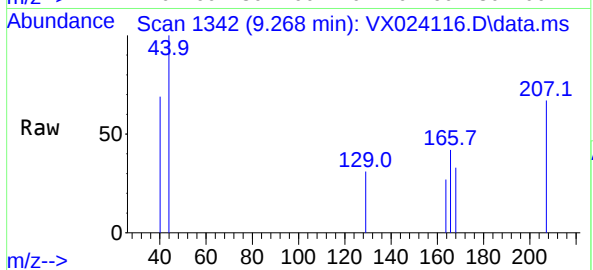
ClientSampleId :

Tgt Ion:129 Resp: 83

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.947 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024116.D

Acq: 07 Sep 2021 13:58

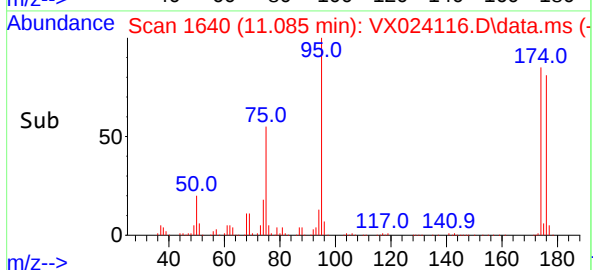
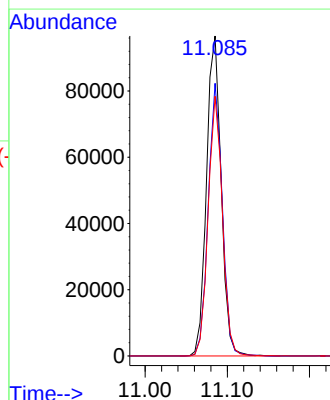
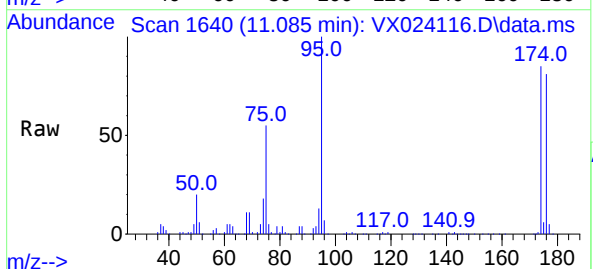
Tgt Ion: 95 Resp: 119582

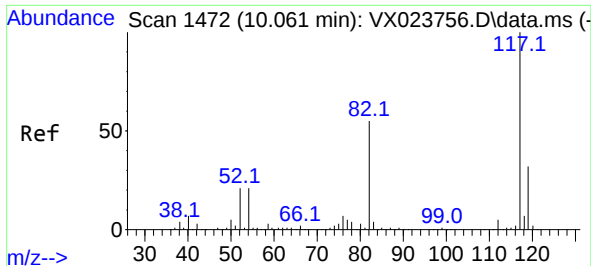
Ion Ratio Lower Upper

95 100

174 82.0 0.0 154.6

176 79.1 0.0 155.8

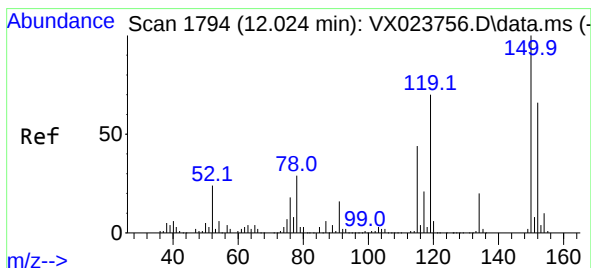
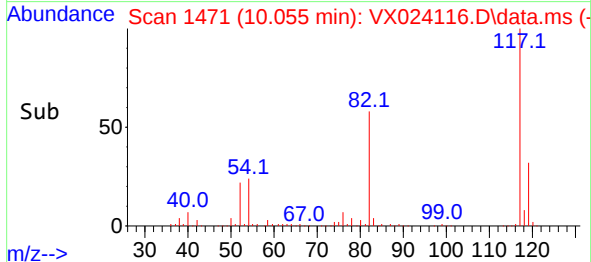
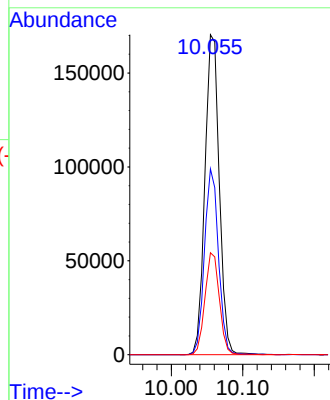
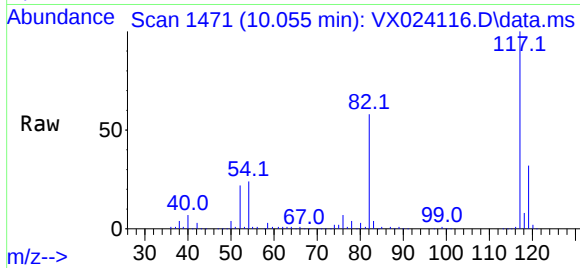




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

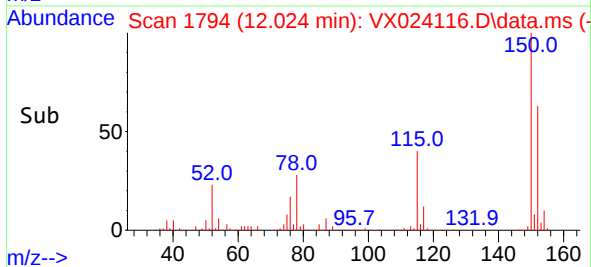
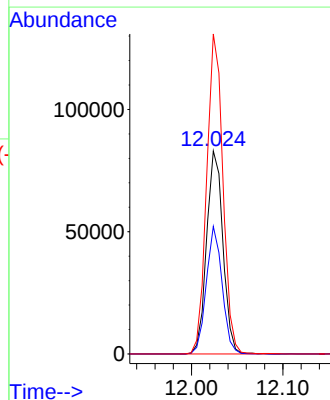
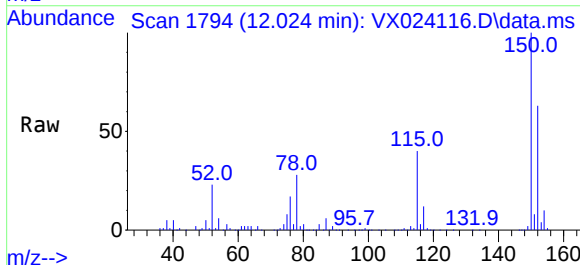
Instrument :
MSVOA_X
ClientSampleId :

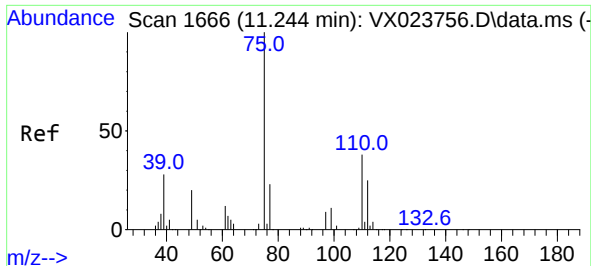
Tgt Ion:117 Resp: 238557
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion:152 Resp: 102685
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 156.4 0.0 349.0

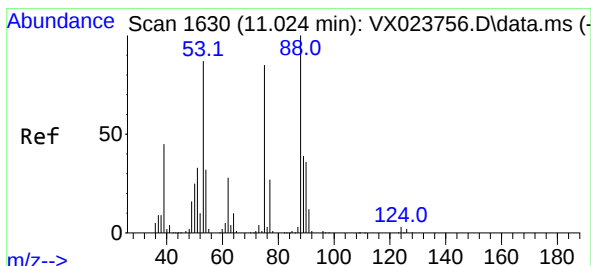
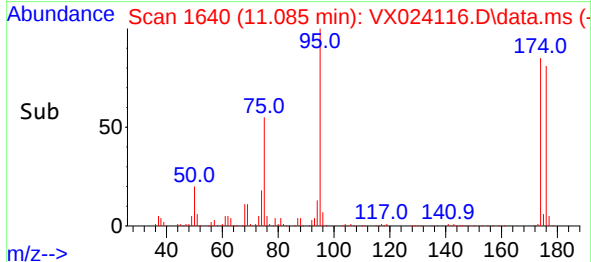
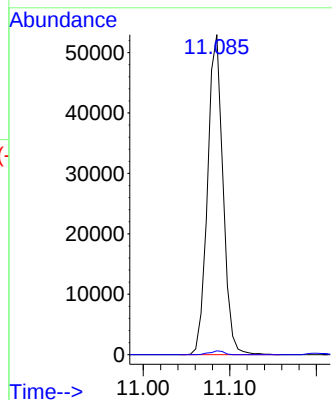
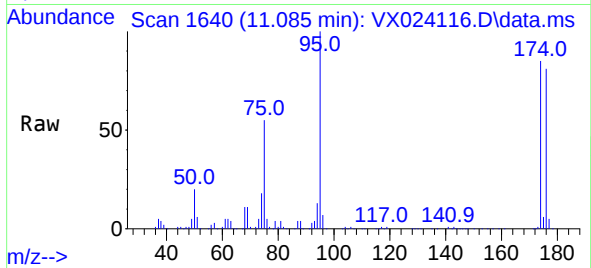




#76
1,2,3-Trichloropropane
Concen: 27.339 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

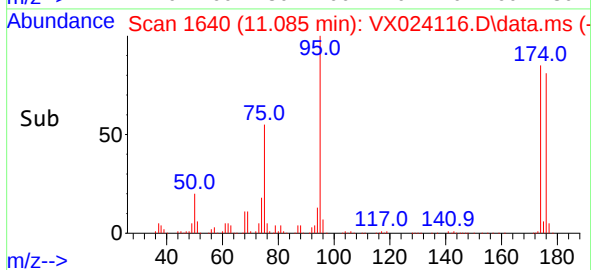
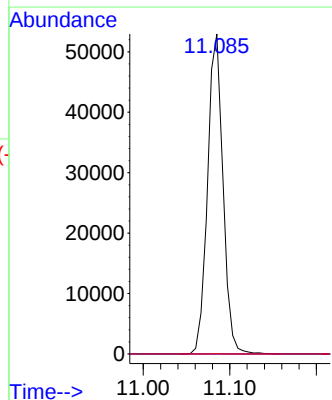
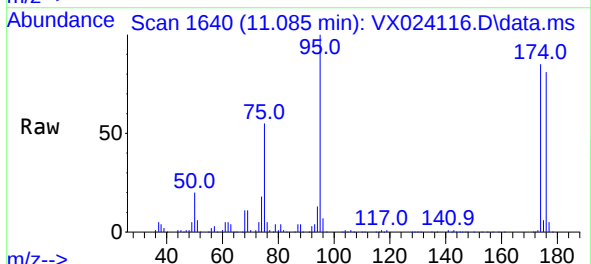
Instrument :
MSVOA_X
ClientSampled :

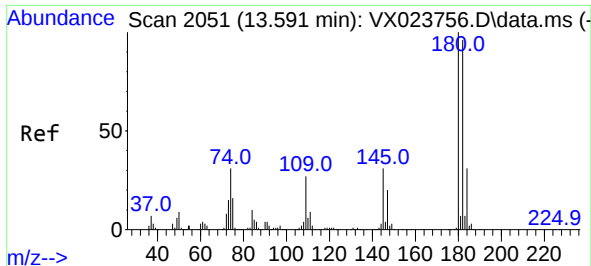
Tgt Ion: 75 Resp: 65486
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.418 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion: 75 Resp: 65486
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

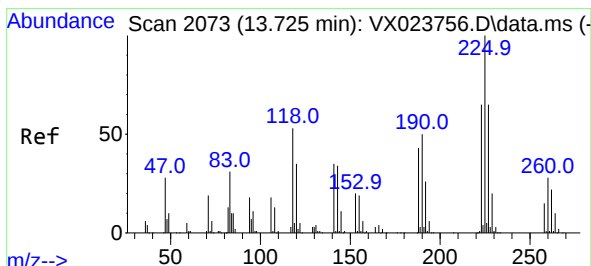
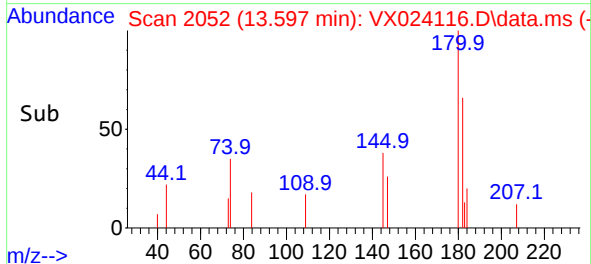
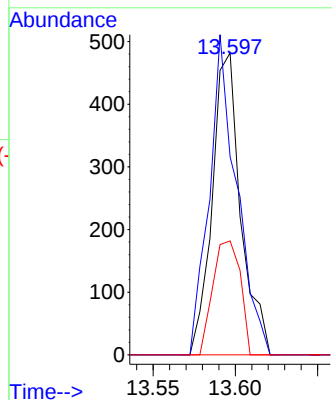
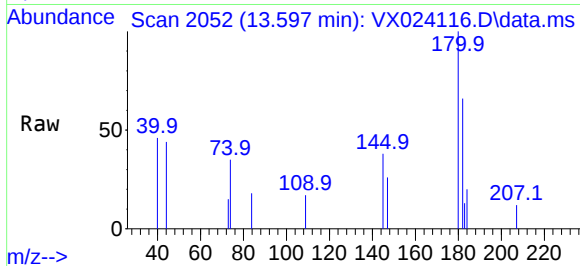




#93
1,2,4-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

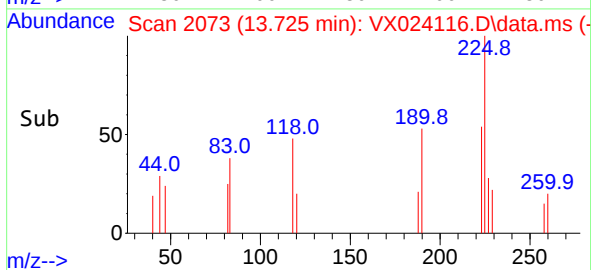
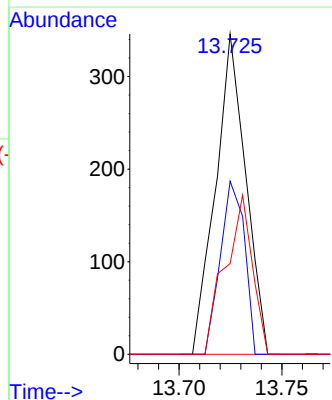
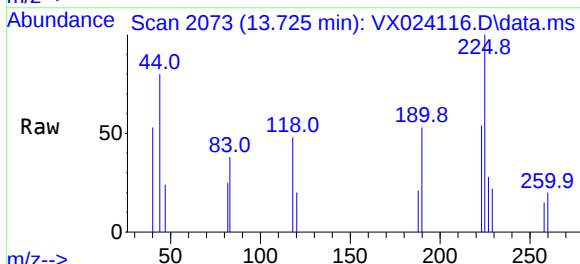
Instrument :
MSVOA_X
ClientSampled :

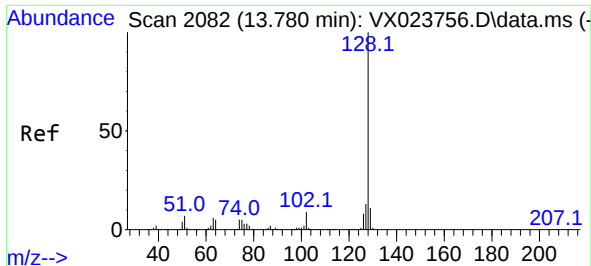
Tgt Ion:180	Resp:	582
Ion	Ratio	Lower Upper
180	100	
182	101.9	47.7 143.1
145	36.3	15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.389 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion:225	Resp:	353
Ion	Ratio	Lower Upper
225	100	
223	43.3	31.1 93.2
227	44.8	31.6 95.0

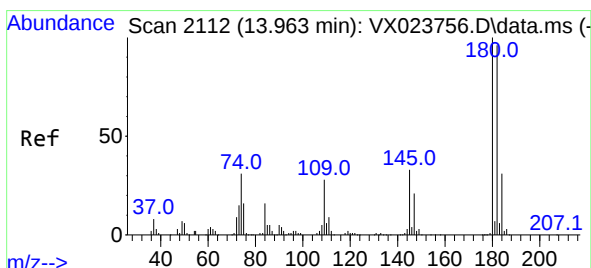
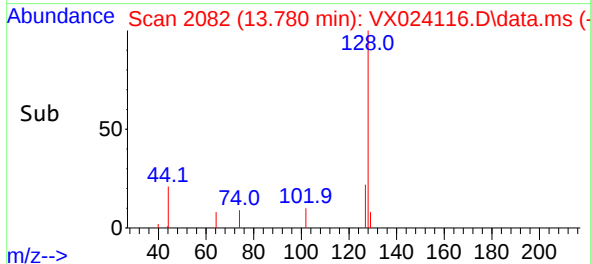
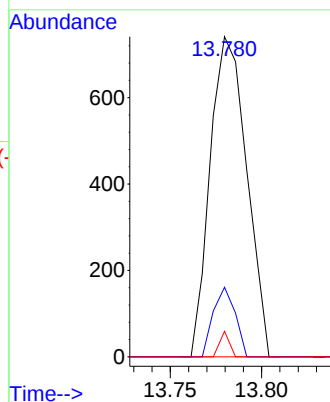
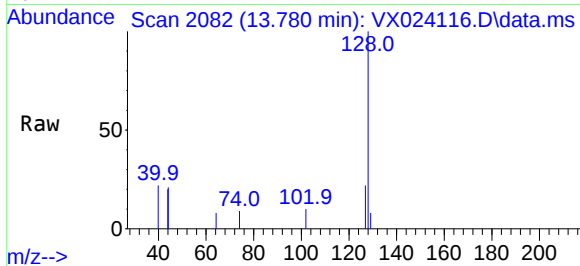




#95
Naphthalene
Concen: 1.416 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	128	Resp:	1030
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	2.1	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.232 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024116.D
Acq: 07 Sep 2021 13:58

Tgt Ion:	180	Resp:	471
Ion	Ratio	Lower	Upper
180	100		
182	82.6	47.6	142.9
145	25.5	16.1	48.3

