

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024139.D
 Acq On : 09 Sep 2021 12:57
 Operator : JC/MD
 Sample : VX0909MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 10 07:28:29 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)

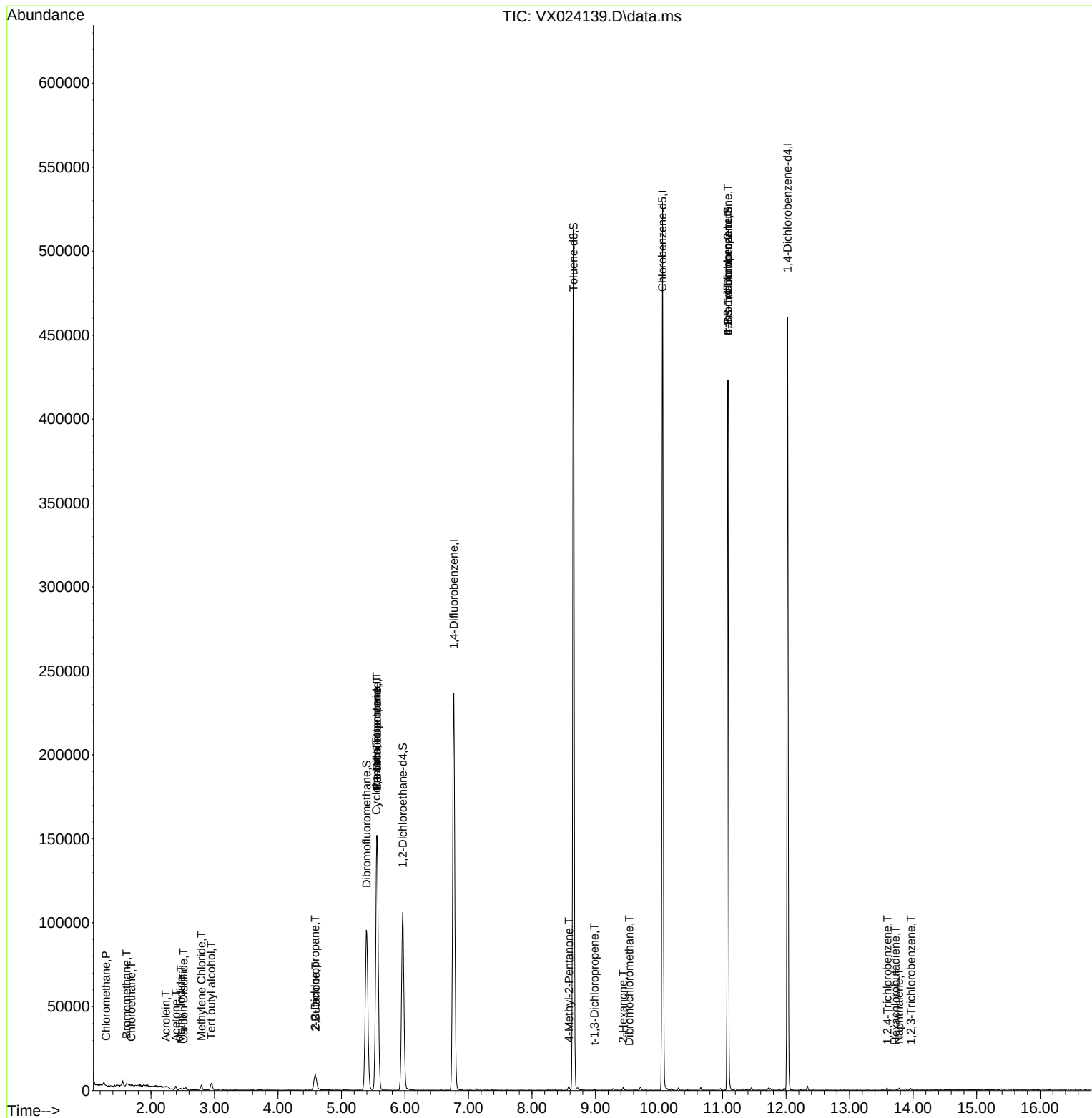
Internal Standards						
1) Pentafluorobenzene	5.556	168	140012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105459	53.967	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.397	113	82208	52.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	8.653	98	296913	49.696	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	11.085	95	105399	47.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.840%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	473	0.292	ug/l #	81
5) Bromomethane	1.618	94	816	0.821	ug/l	98
6) Chloroethane	1.691	64	251	2.399	ug/l #	43
10) Methyl Iodide	2.471	142	1168	0.597	ug/l #	88
11) Tert butyl alcohol	2.947	59	2639	6.678	ug/l #	73
13) Acrolein	2.233	56	132	0.561	ug/l #	37
16) Acetone	2.392	43	2098	2.401	ug/l	90
17) Carbon Disulfide	2.514	76	1309	0.408	ug/l	98
20) Methylene Chloride	2.794	84	1346	0.806	ug/l #	78
25) 2-Butanone	4.593	43	1376	1.040	ug/l #	45
26) 2,2-Dichloropropane	4.587	77	728	0.323	ug/l #	52
31) Cyclohexane	5.550	56	3365	1.340	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	11012	5.014	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15098	6.592	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1289	0.472	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	219	2.212	ug/l #	44
59) 2-Hexanone	9.433	43	1119	0.533	ug/l	75
60) Dibromochloromethane	9.531	129	47	1.712	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56205	26.377	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56205	77.590	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	454	0.251	ug/l #	81
94) Hexachlorobutadiene	13.725	225	173	0.214	ug/l #	63
95) Naphthalene	13.780	128	866	1.409	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.969	180	374	0.207	ug/l	96

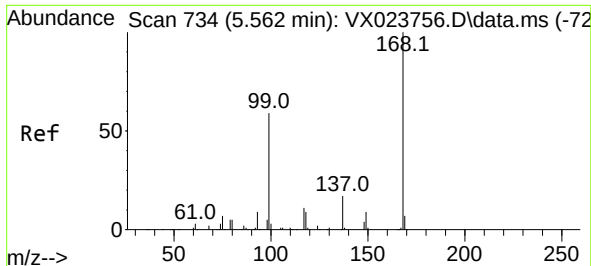
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0909MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Sep 10 07:28:29 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

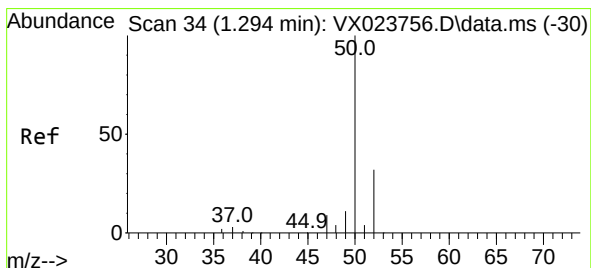
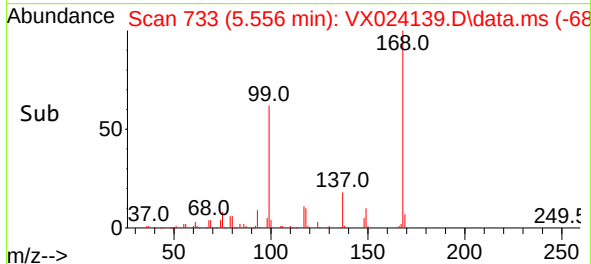
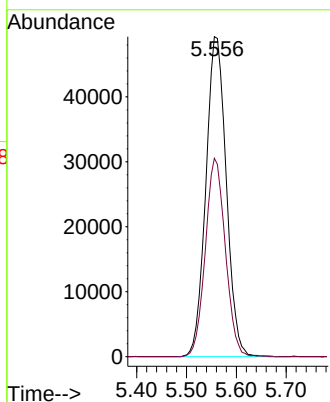
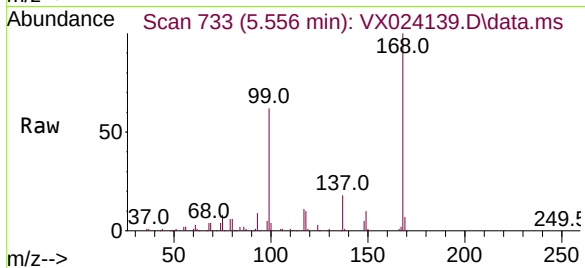




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

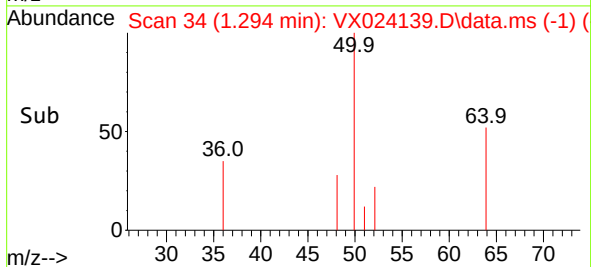
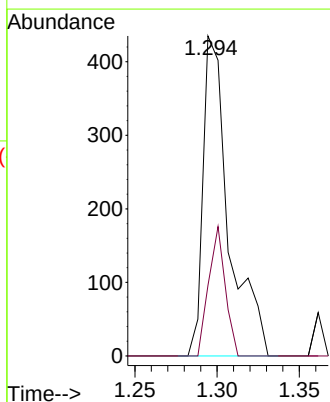
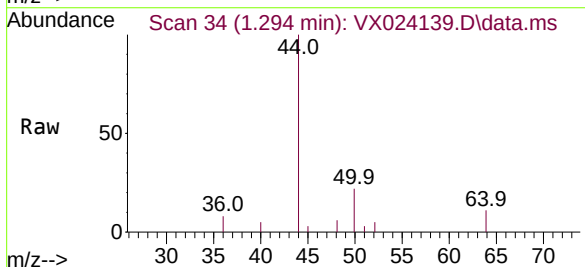
Instrument :
MSVOA_X
ClientSampleId :

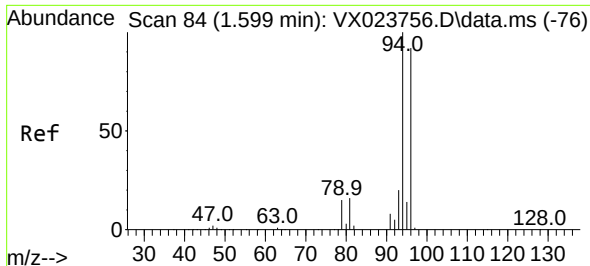
Tgt Ion:168 Resp: 140012
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 22.1 26.4 39.6#

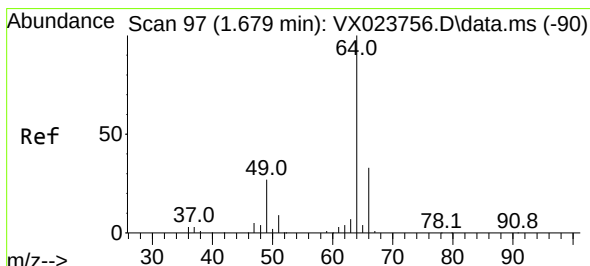
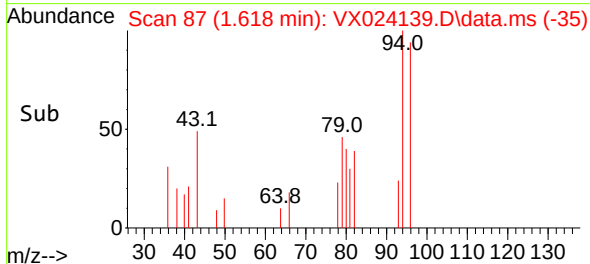
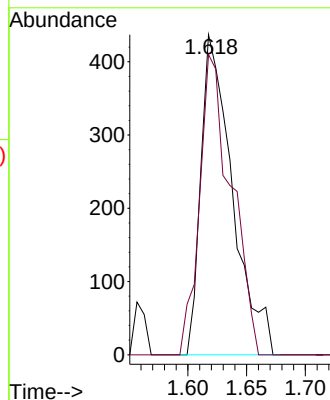
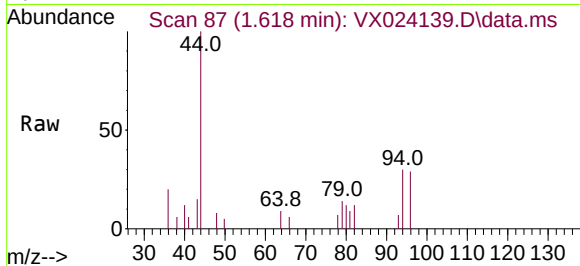




#5
Bromomethane
Concen: 0.821 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

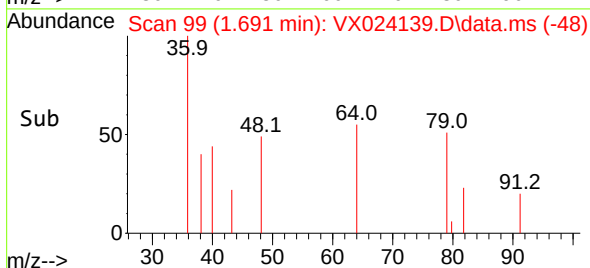
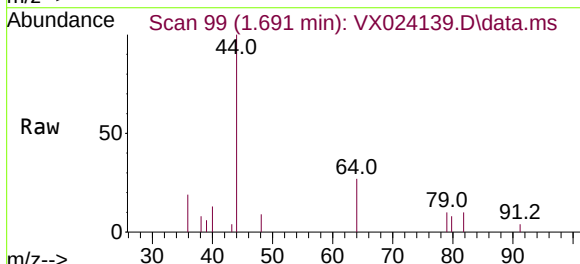
Instrument :
MSVOA_X
ClientSampled :

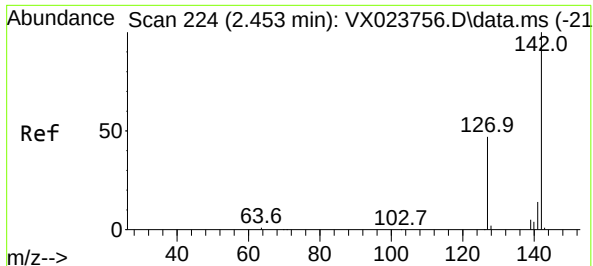
Tgt Ion: 94 Resp: 816
Ion Ratio Lower Upper
94 100
96 93.8 76.4 114.6



#6
Chloroethane
Concen: 2.399 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

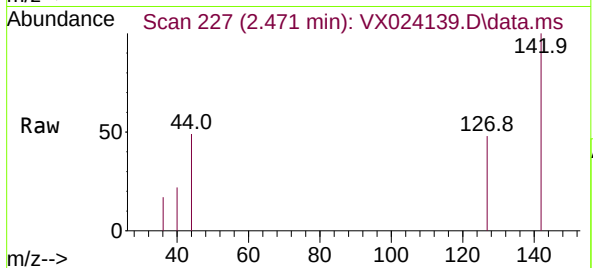
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



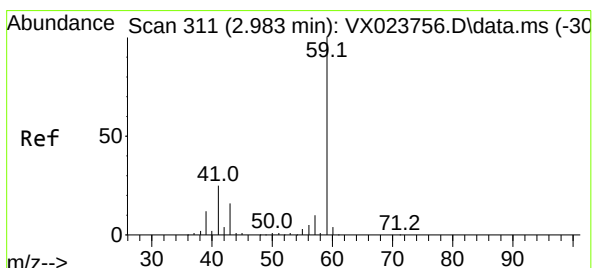
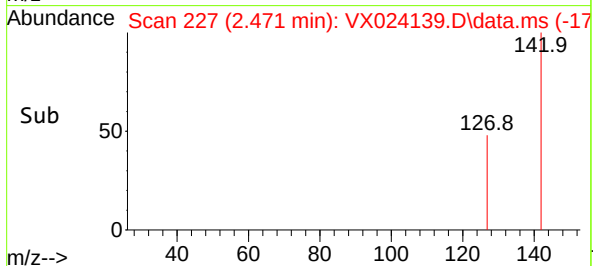
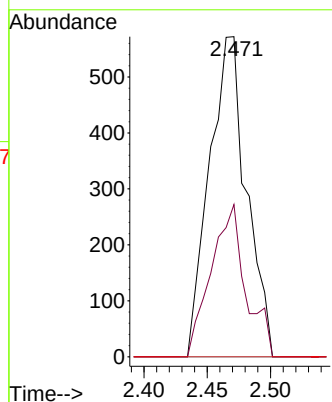


#10
Methyl Iodide
Concen: 0.597 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Instrument :
MSVOA_X
ClientSampleId :

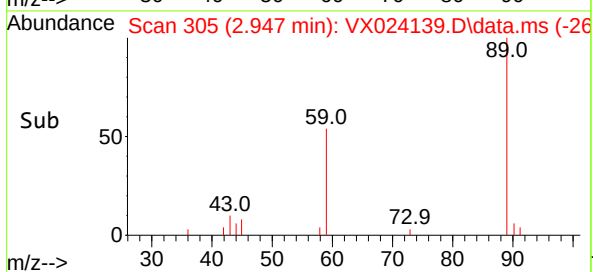
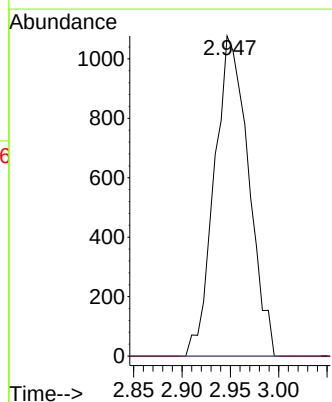
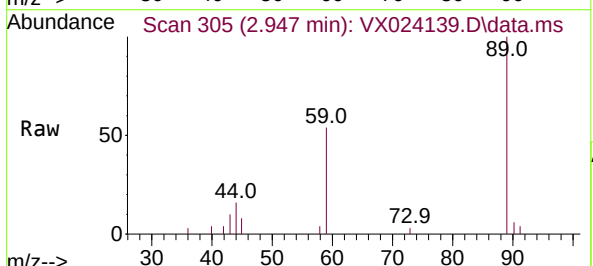


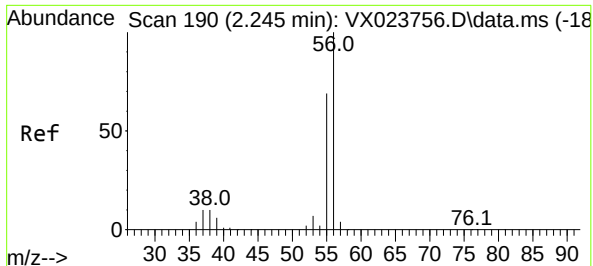
Tgt Ion:142 Resp: 1168
Ion Ratio Lower Upper
142 100
127 44.3 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.678 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion: 59 Resp: 2639
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

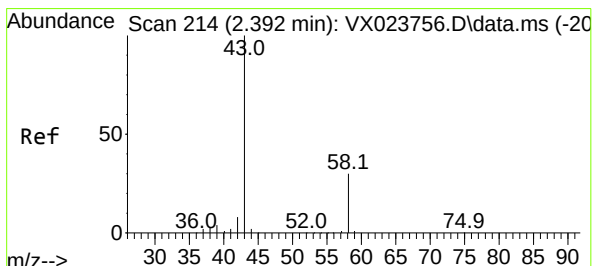
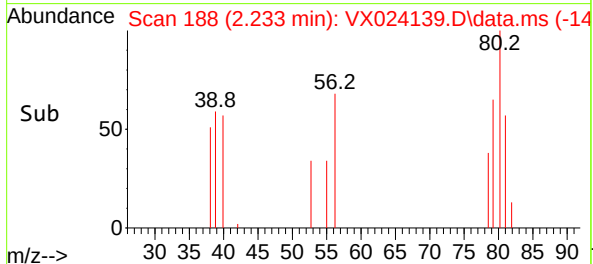
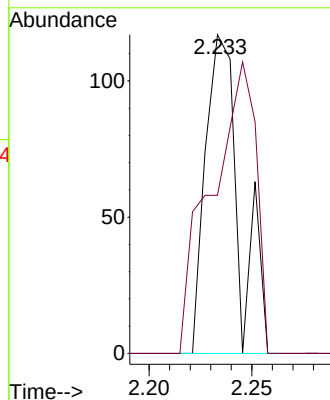
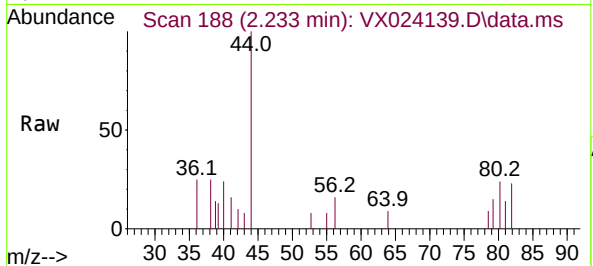




#13
Acrolein
Concen: 0.561 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

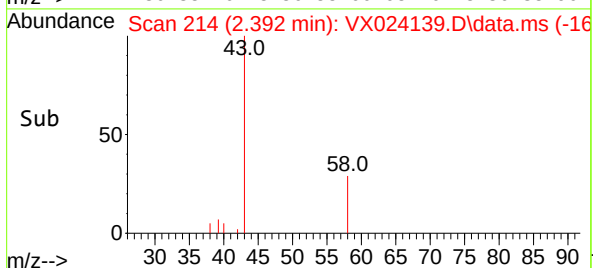
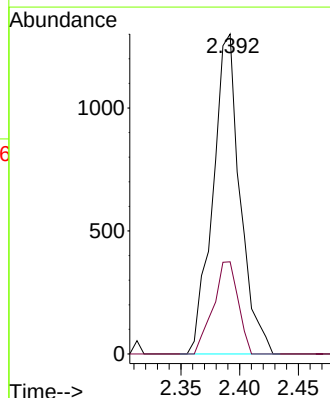
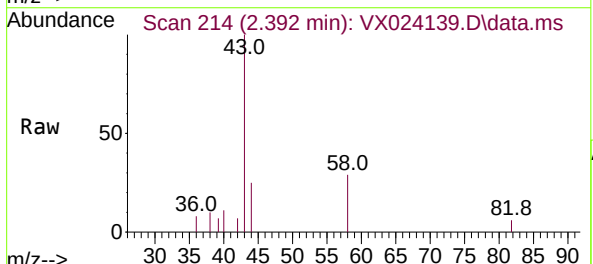
Instrument :
MSVOA_X
ClientSampled :

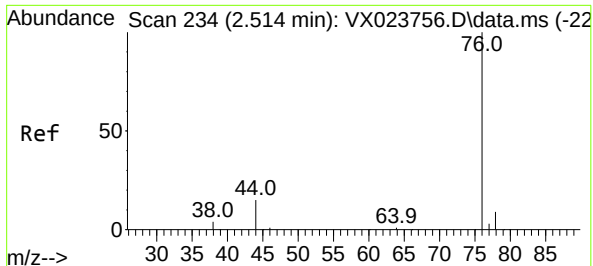
Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 122.7 56.4 84.6#



#16
Acetone
Concen: 2.401 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

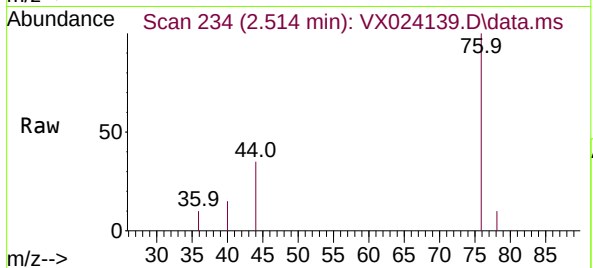
Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



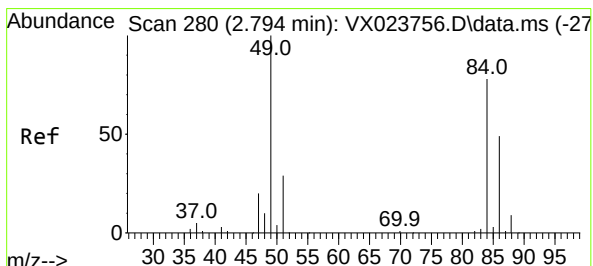
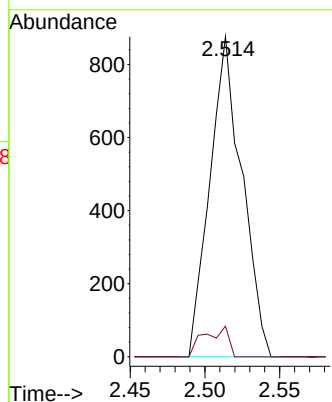
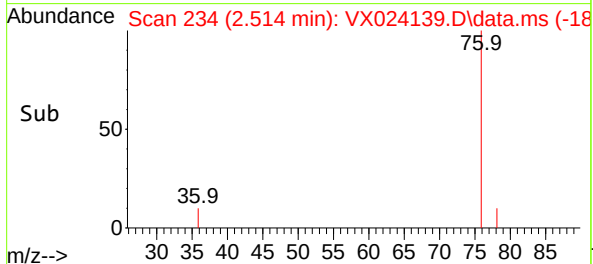


#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

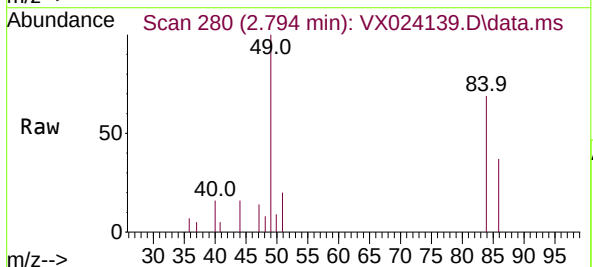
Instrument :
MSVOA_X
ClientSampled :



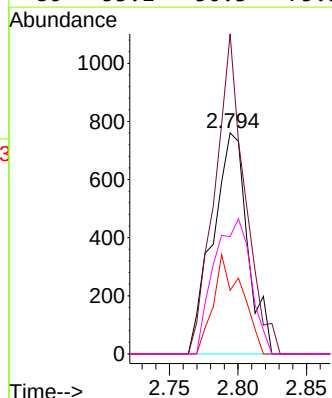
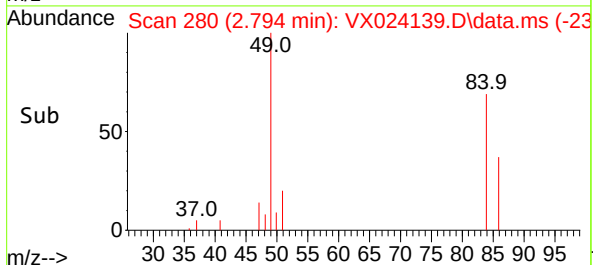
Tgt Ion: 76 Resp: 1309
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

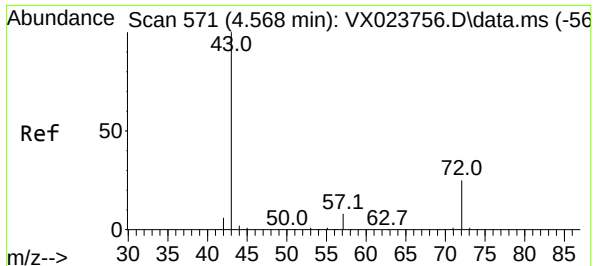


#20
Methylene Chloride
Concen: 0.806 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57



Tgt Ion: 84 Resp: 1346
Ion Ratio Lower Upper
84 100
49 144.7 88.6 132.8#
51 28.8 27.0 40.6
86 53.1 50.3 75.5





#25

2-Butanone

Concen: 1.040 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX024139.D

Acq: 09 Sep 2021 12:57

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

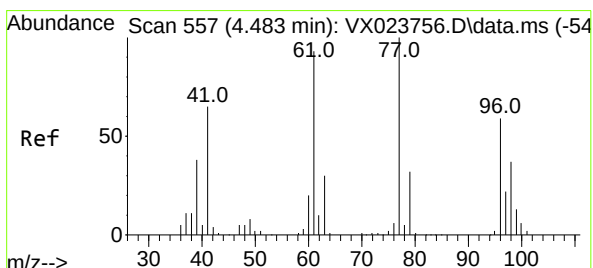
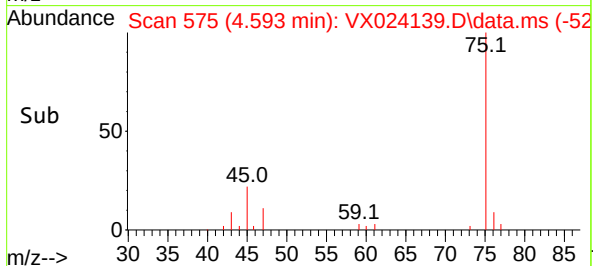
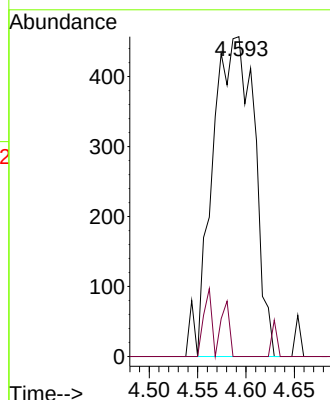
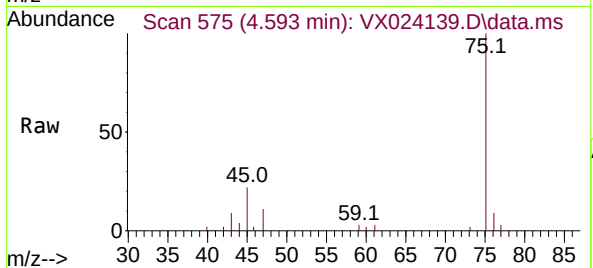
43 100

72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampled :



#26

2,2-Dichloropropane

Concen: 0.323 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.104 min

Lab File: VX024139.D

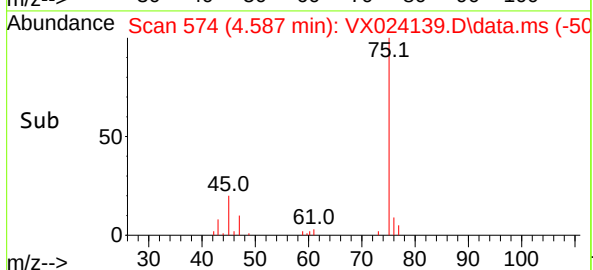
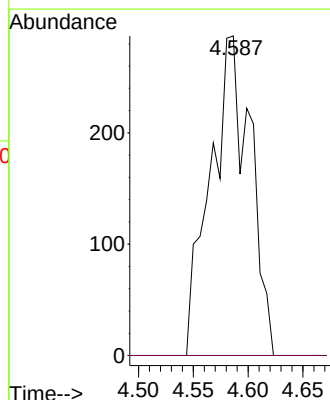
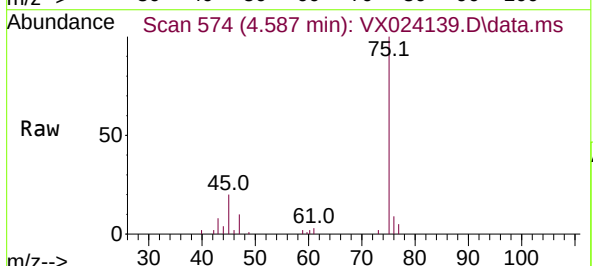
Acq: 09 Sep 2021 12:57

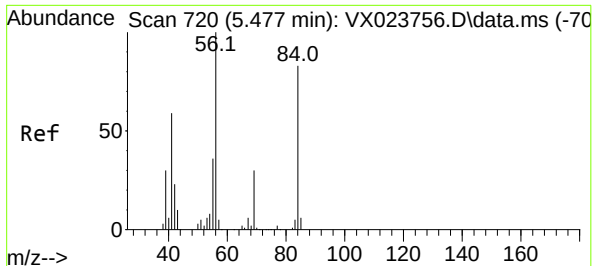
Tgt Ion: 77 Resp: 728

Ion Ratio Lower Upper

77 100

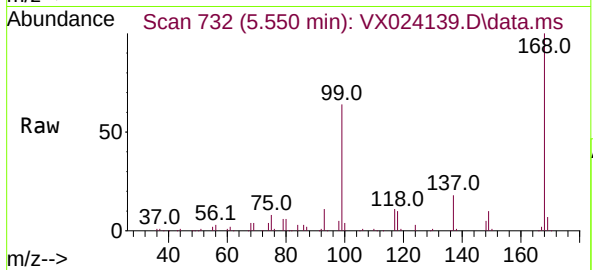
97 0.0 11.7 35.1#



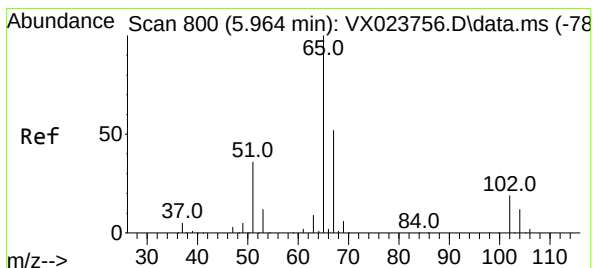
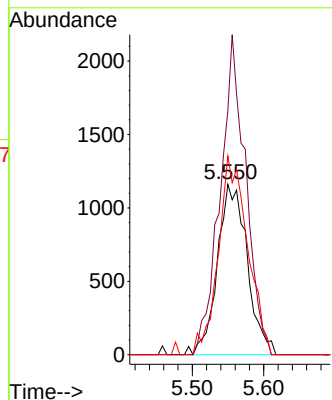
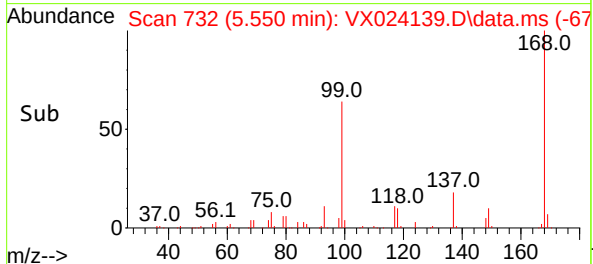


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

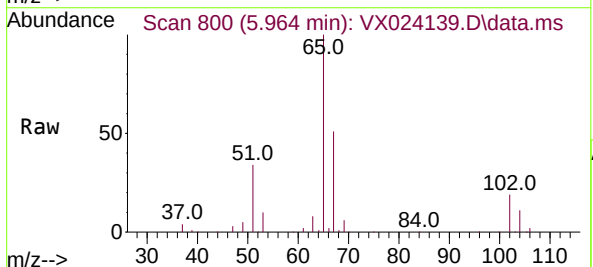
Instrument :
MSVOA_X
ClientSampleId :



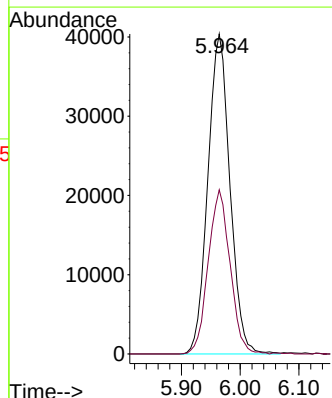
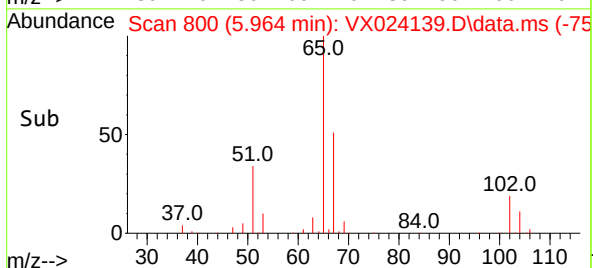
Tgt Ion: 56 Resp: 3365
Ion Ratio Lower Upper
56 100
69 143.6 25.3 37.9#
84 116.6 71.4 107.0#

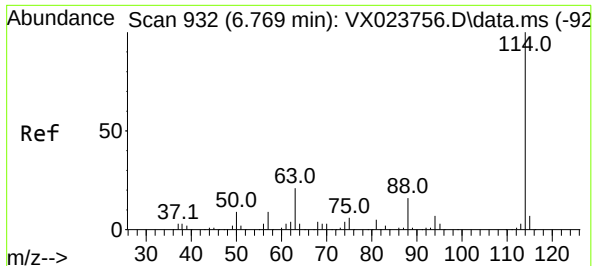


#33
1,2-Dichloroethane-d4
Concen: 53.967 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57



Tgt Ion: 65 Resp: 105459
Ion Ratio Lower Upper
65 100
67 50.8 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: VX024139.D

Acq: 09 Sep 2021 12:57

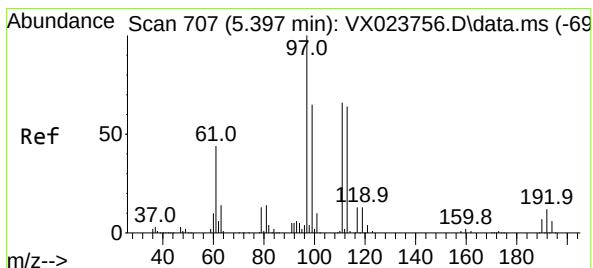
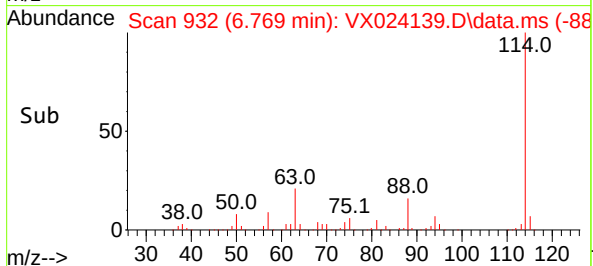
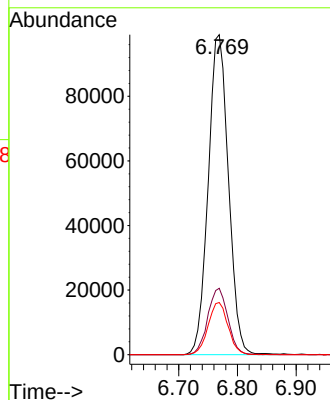
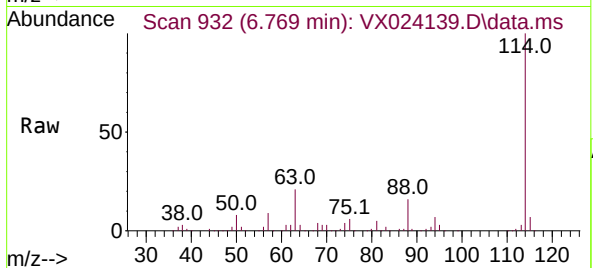
Tgt Ion:114 Resp: 237166

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.370 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024139.D

Acq: 09 Sep 2021 12:57

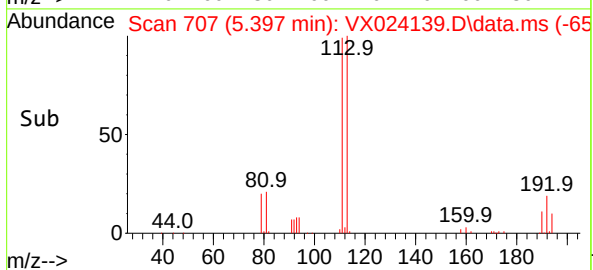
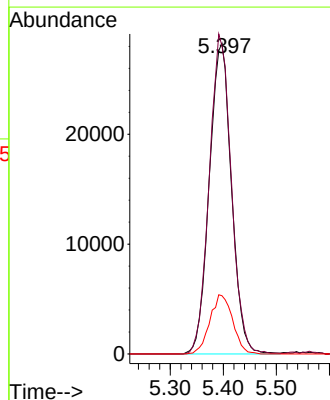
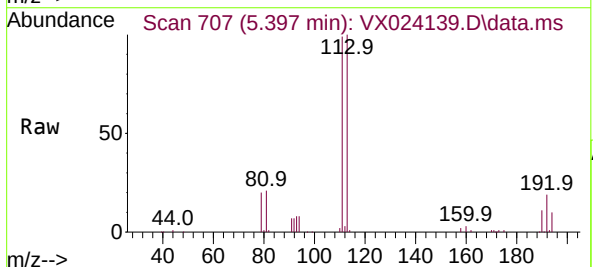
Tgt Ion:113 Resp: 82208

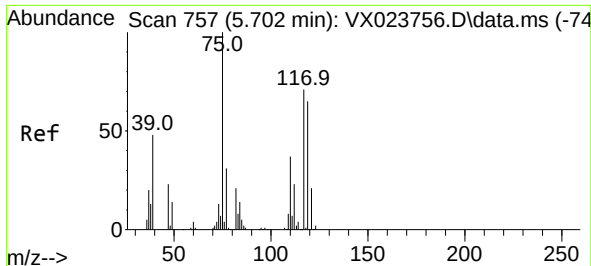
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.014 ug/l

RT: 5.556 min Scan# 733

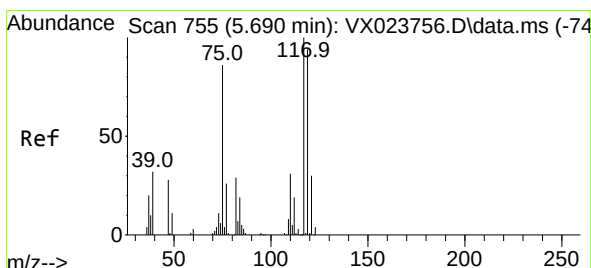
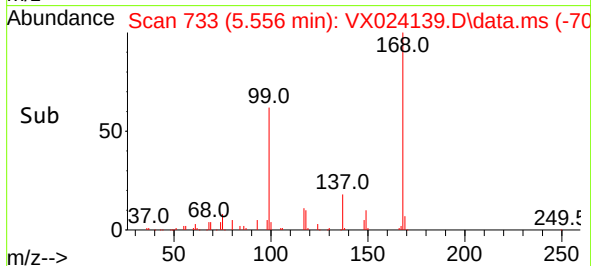
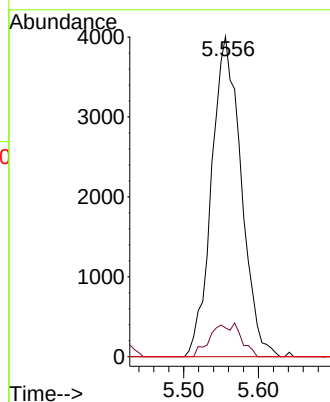
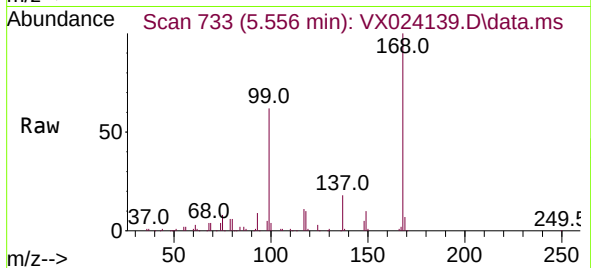
Delta R.T. -0.146 min

Lab File: VX024139.D

Acq: 09 Sep 2021 12:57

Tgt Ion: 75	Resp: 11012
Ion Ratio	Lower Upper
75 100	
110 10.7	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.592 ug/l

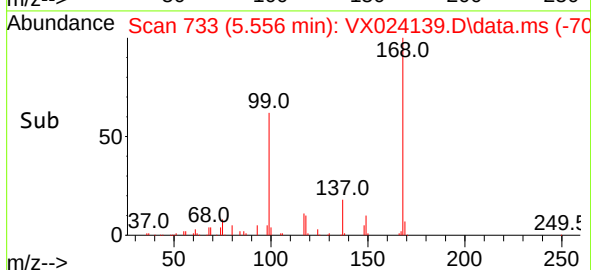
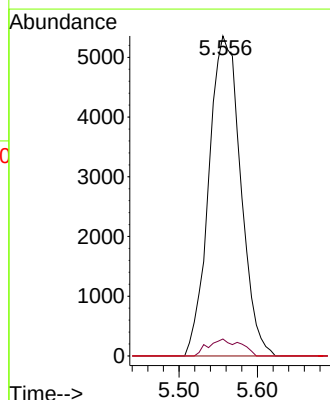
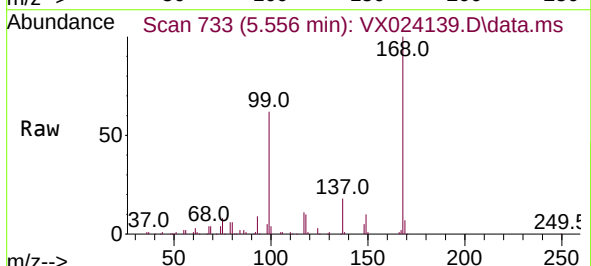
RT: 5.556 min Scan# 733

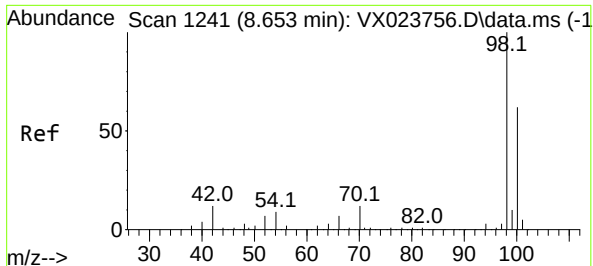
Delta R.T. -0.134 min

Lab File: VX024139.D

Acq: 09 Sep 2021 12:57

Tgt Ion: 117	Resp: 15098
Ion Ratio	Lower Upper
117 100	
119 5.3	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 49.696 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024139.D

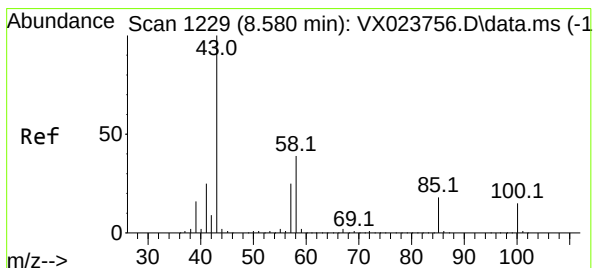
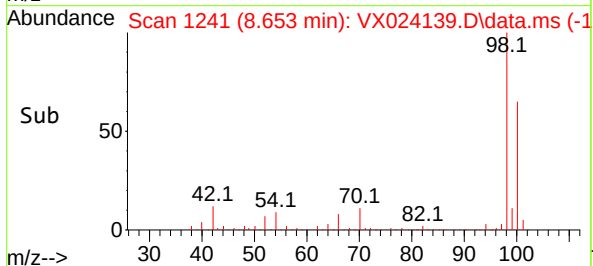
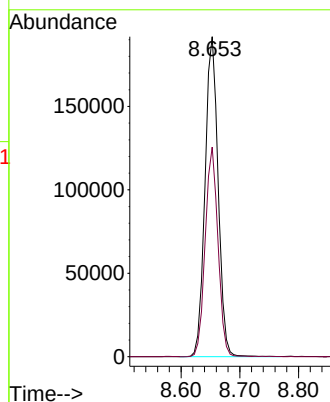
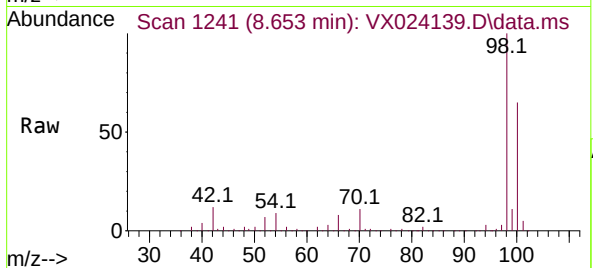
Acq: 09 Sep 2021 12:57

Tgt Ion: 98 Resp: 296913

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.472 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX024139.D

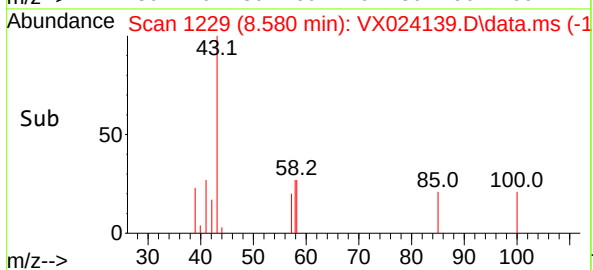
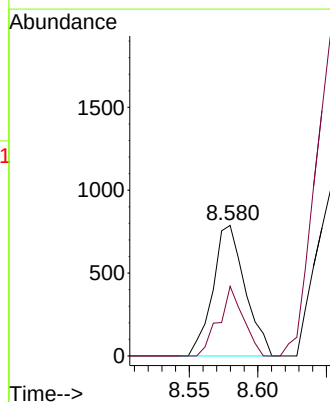
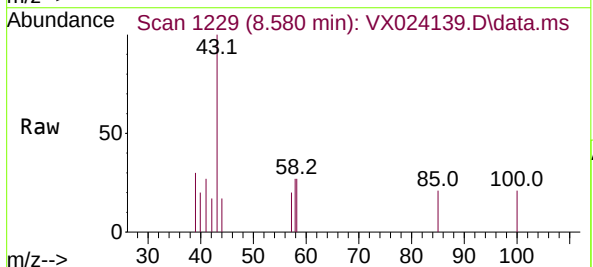
Acq: 09 Sep 2021 12:57

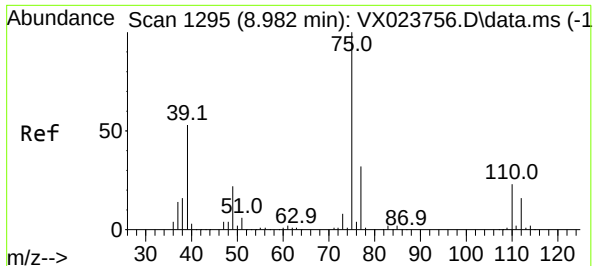
Tgt Ion: 43 Resp: 1289

Ion Ratio Lower Upper

43 100

58 40.6 35.4 53.0

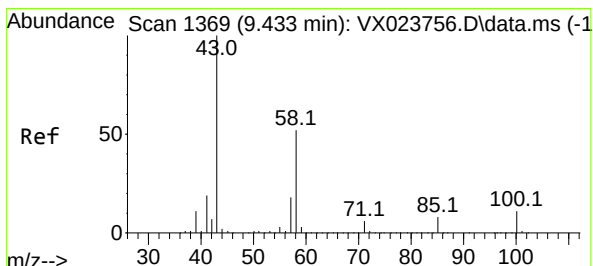
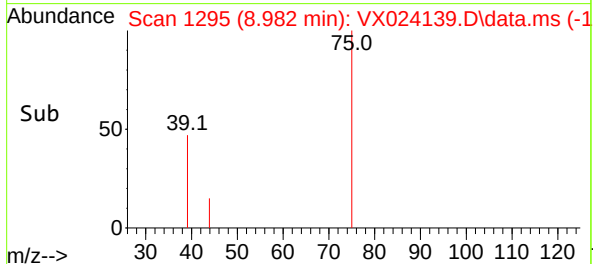
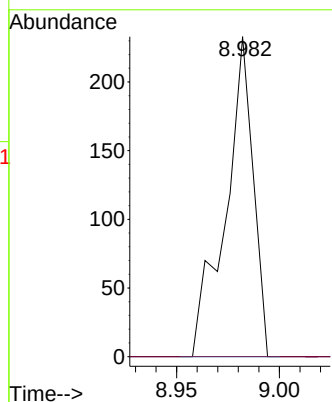
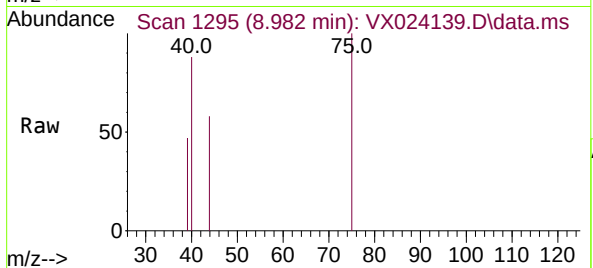




#53
t-1,3-Dichloropropene
Concen: 2.212 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

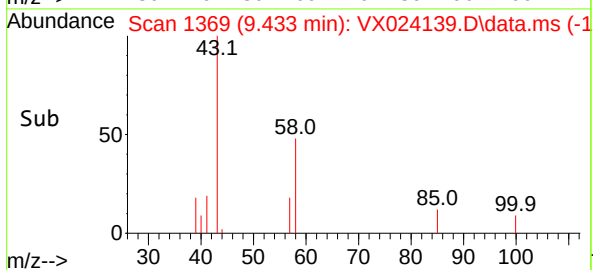
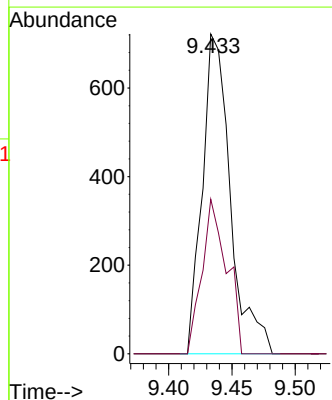
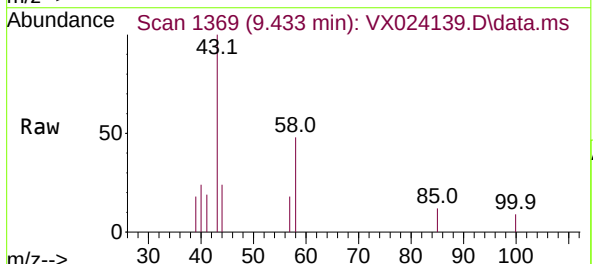
Instrument :
MSVOA_X
ClientSampled :

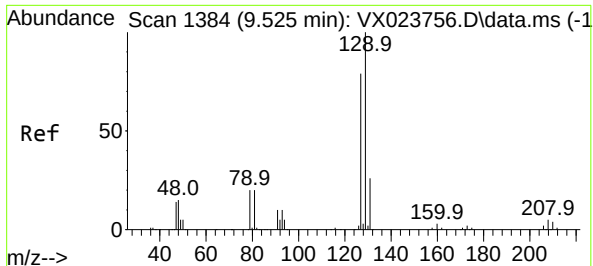
Tgt Ion: 75 Resp: 219
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#59
2-Hexanone
Concen: 0.533 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 42.4 30.9 92.8





#60

Dibromochloromethane

Concen: 1.712 ug/l

RT: 9.531 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VX024139.D

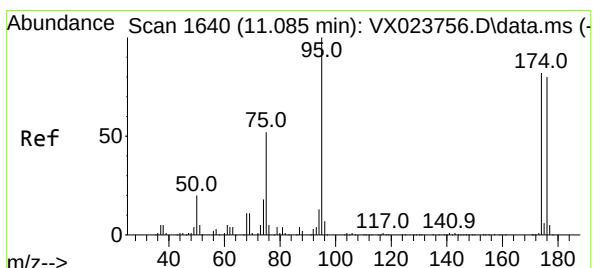
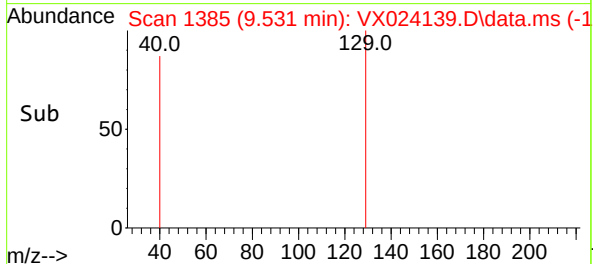
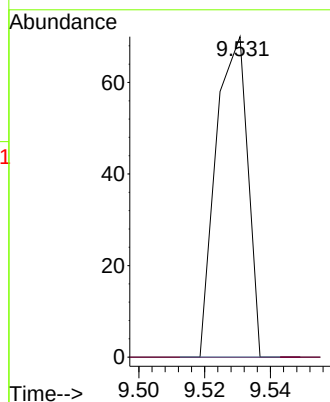
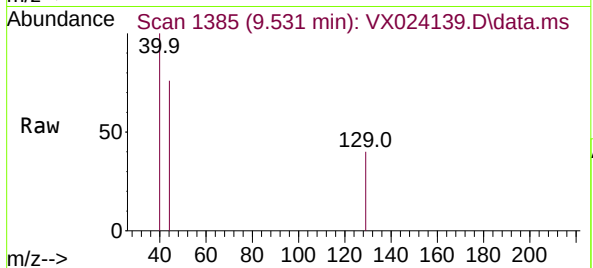
Acq: 09 Sep 2021 12:57

Tgt Ion:129 Resp: 47

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.922 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024139.D

Acq: 09 Sep 2021 12:57

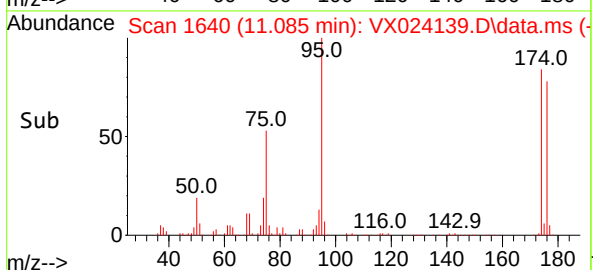
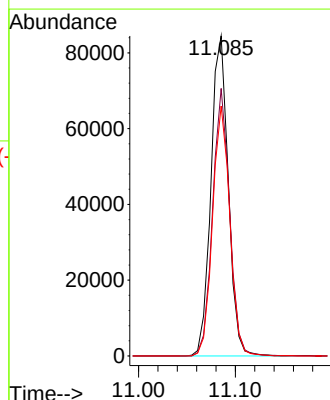
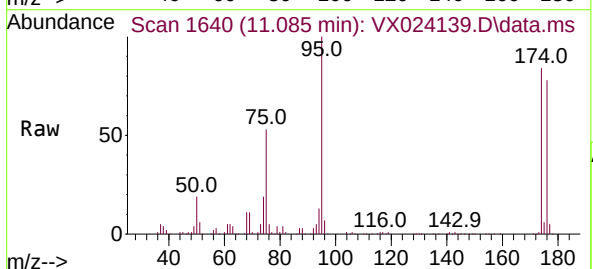
Tgt Ion: 95 Resp: 105399

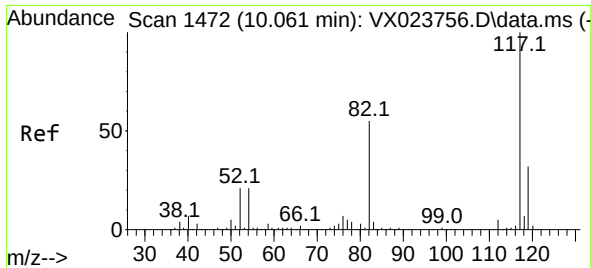
Ion Ratio Lower Upper

95 100

174 81.8 0.0 154.6

176 77.4 0.0 155.8

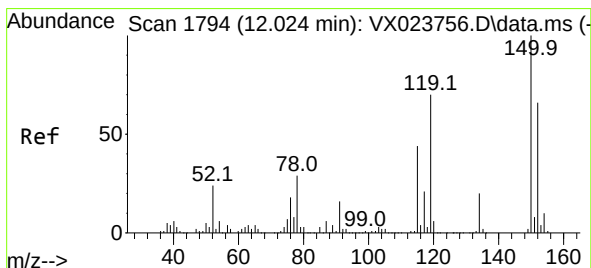
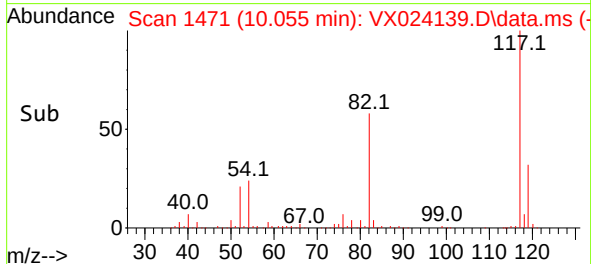
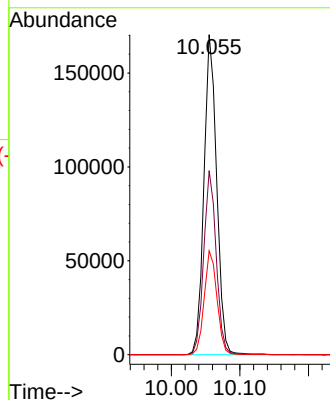
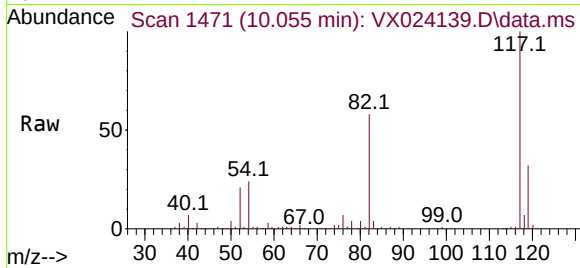




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

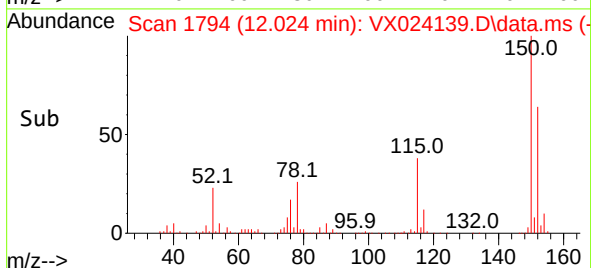
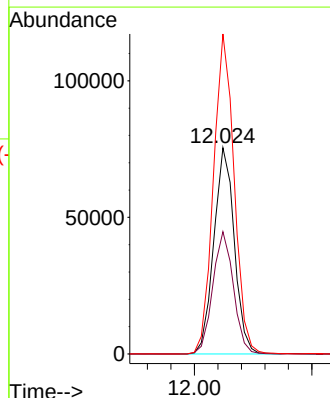
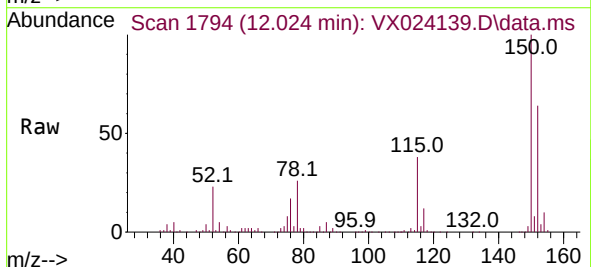
Instrument :
MSVOA_X
ClientSampled :

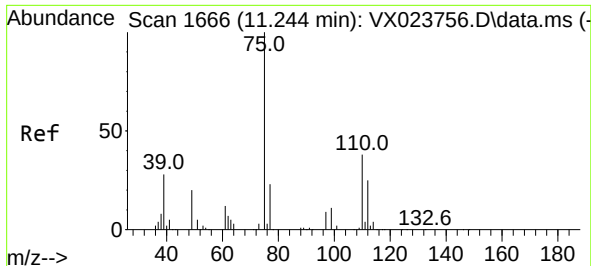
Tgt Ion:117 Resp: 220950
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion:152 Resp: 91344
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.4 0.0 349.0

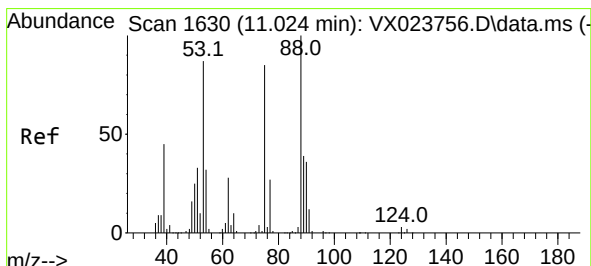
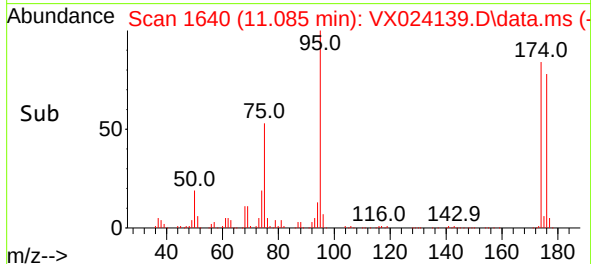
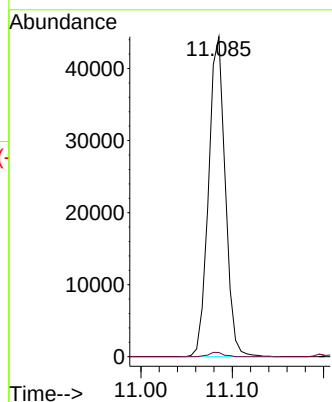
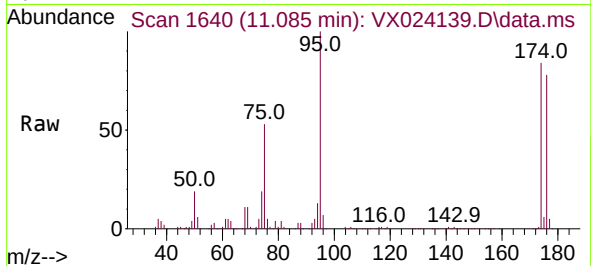




#76
1,2,3-Trichloropropane
Concen: 26.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

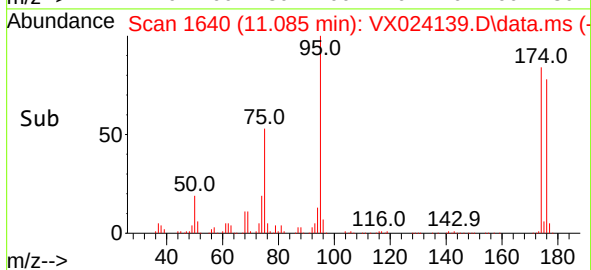
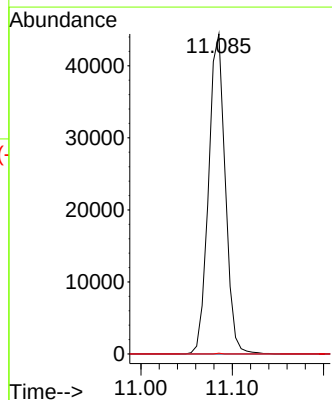
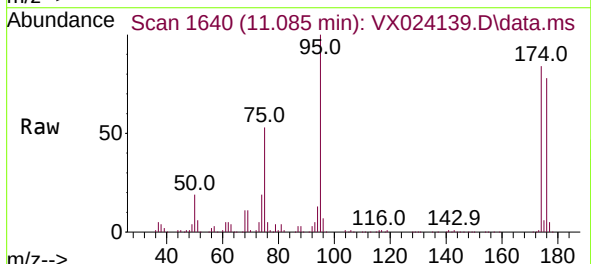
Instrument :
MSVOA_X
ClientSampled :

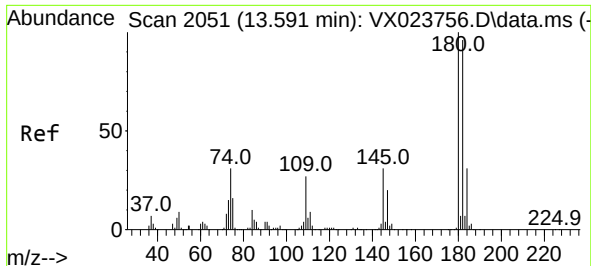
Tgt Ion: 75 Resp: 56205
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.590 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion: 75 Resp: 56205
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

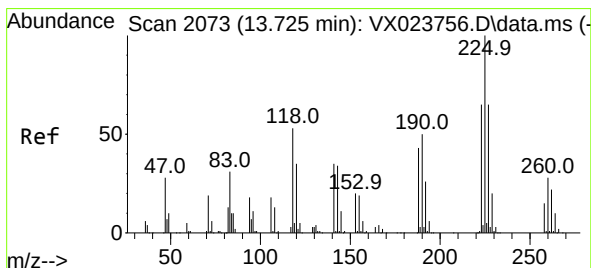
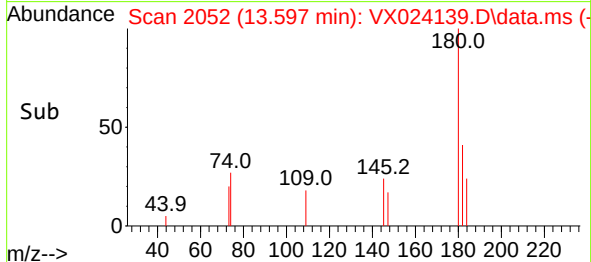
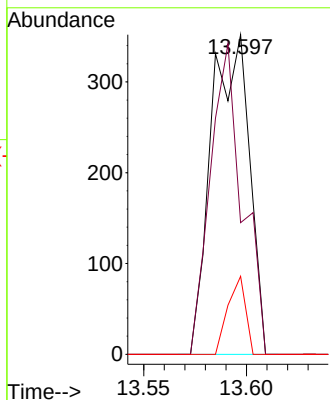
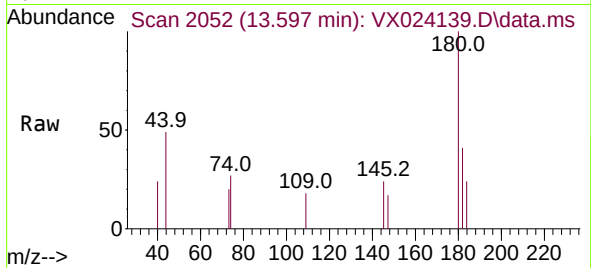




#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

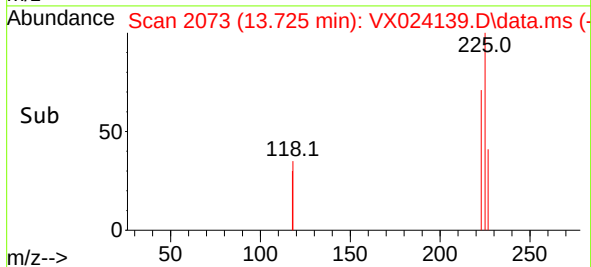
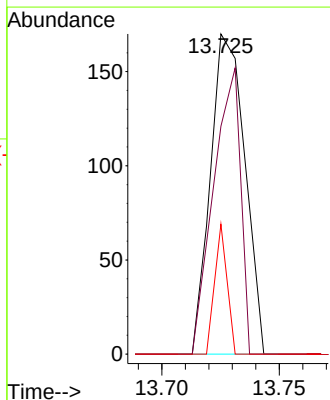
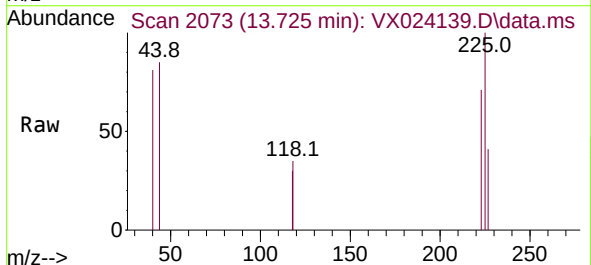
Instrument :
MSVOA_X
ClientSampled :

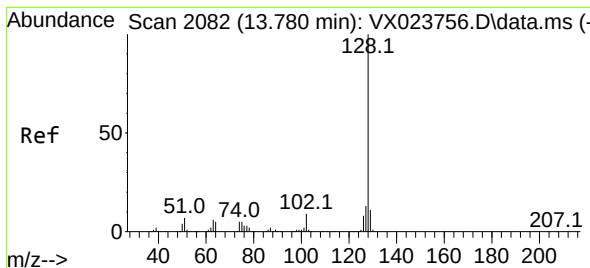
Tgt Ion:180 Resp: 454
Ion Ratio Lower Upper
180 100
182 81.9 47.7 143.1
145 11.2 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.214 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion:225 Resp: 173
Ion Ratio Lower Upper
225 100
223 69.9 31.1 93.2
227 14.5 31.6 95.0#

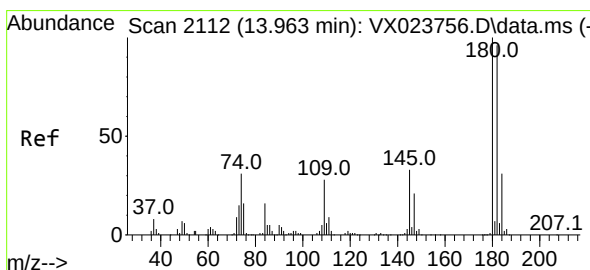
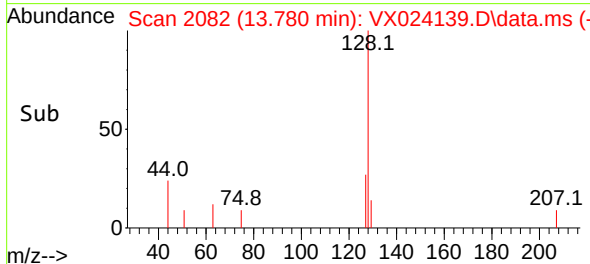
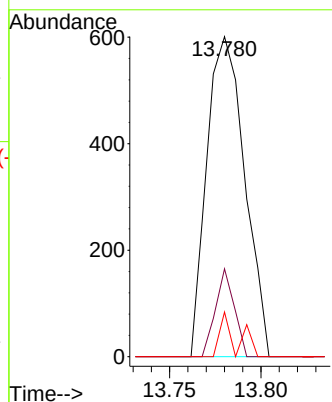
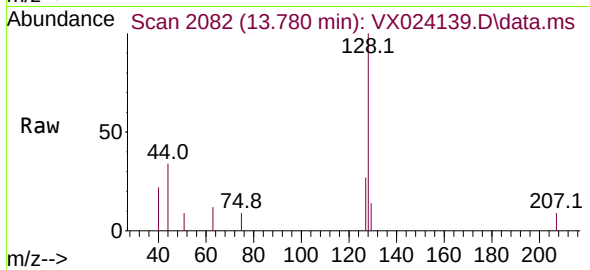




#95
Naphthalene
Concen: 1.409 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:128 Resp: 866
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 6.1 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX024139.D
Acq: 09 Sep 2021 12:57

Tgt Ion:180 Resp: 374
Ion Ratio Lower Upper
180 100
182 92.8 47.6 142.9
145 28.1 16.1 48.3

