

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033472.D
 Acq On : 19 Dec 2022 10:27
 Operator : JC/MD
 Sample : VX1219MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 04:59:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

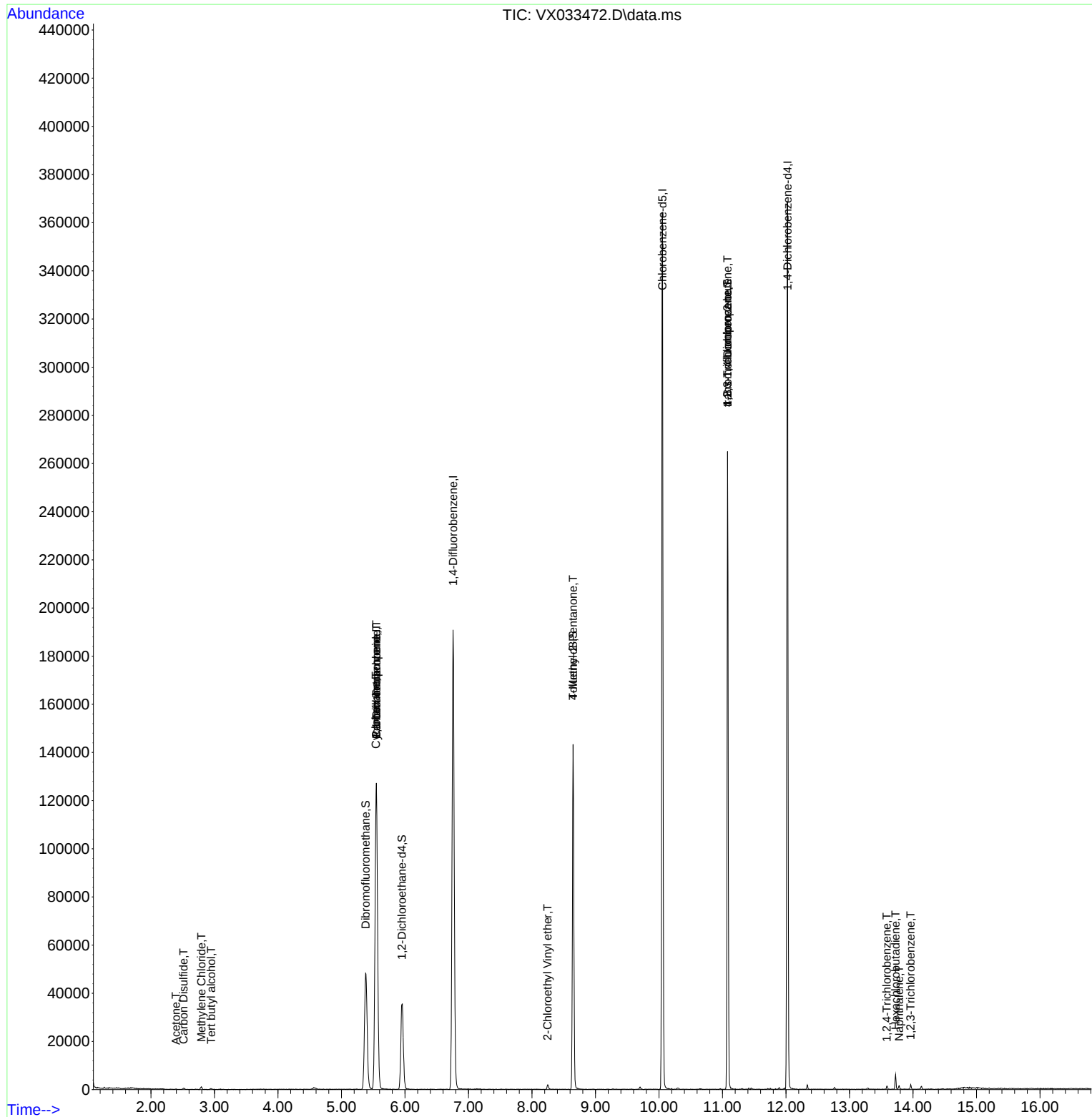
Internal Standards						
1) Pentafluorobenzene	5.550	168	123156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37707	47.725	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.460%		
35) Dibromofluoromethane	5.379	113	43680	49.313	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.647	98	85138	45.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.900%#		
62) 4-Bromofluorobenzene	11.079	95	66316	46.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	174	0.720	ug/l #	72
16) Acetone	2.392	43	182	0.311	ug/l #	45
17) Carbon Disulfide	2.514	76	724	0.253	ug/l #	74
20) Methylene Chloride	2.794	84	541	0.415	ug/l #	87
31) Cyclohexane	5.544	56	2549	1.358	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	9159	5.304	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12609	6.517	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	392	0.236	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.245	63	951	1.079	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	33512	20.424	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33512	63.533	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.585	180	459	0.284	ug/l	85
94) Hexachlorobutadiene	13.725	225	957	1.480	ug/l	96
95) Naphthalene	13.780	128	1404	0.261	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	655	0.401	ug/l	89

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

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MSVOA_X
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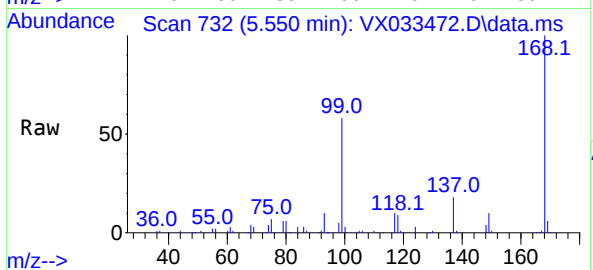
Quant Time: Dec 20 04:59:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



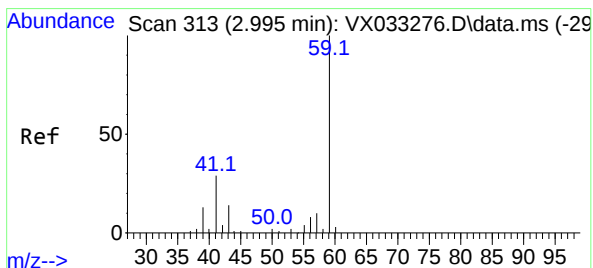
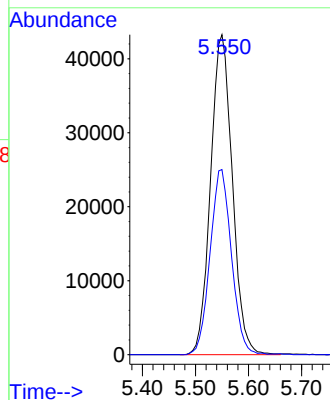


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Instrument :
MSVOA_X
ClientSampleId :

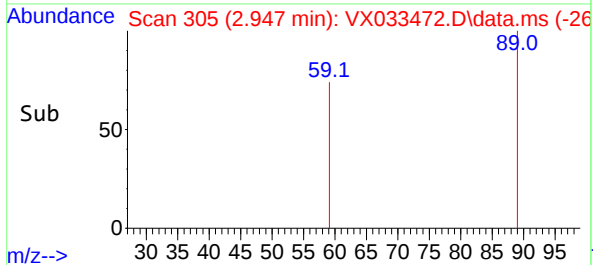
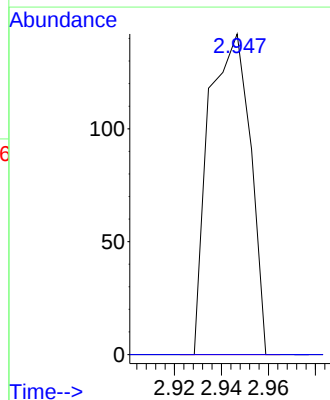
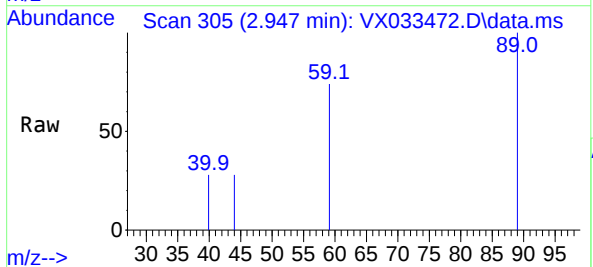


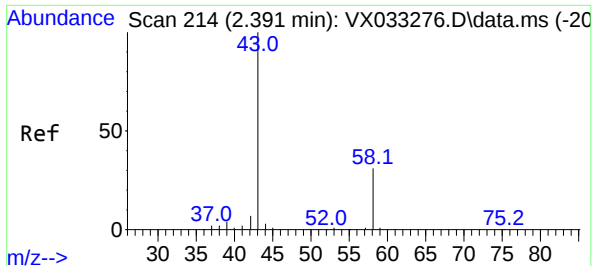
Tgt Ion:168 Resp: 123156
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.720 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

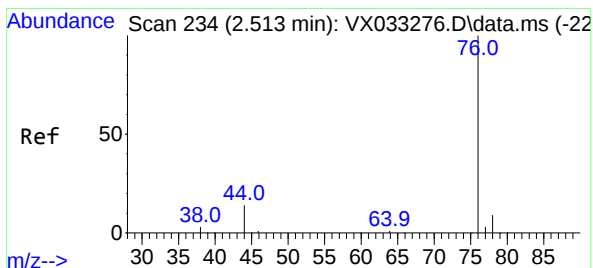
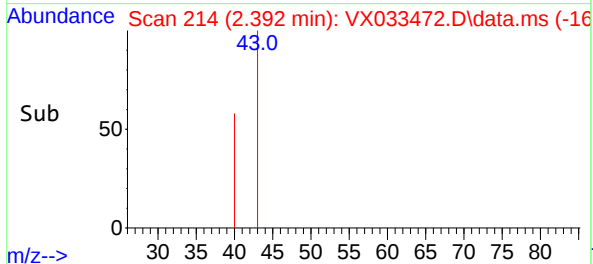
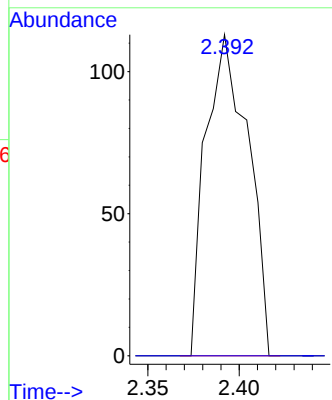
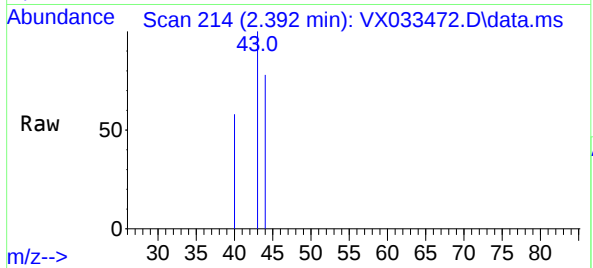




#16
Acetone
Concen: 0.311 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

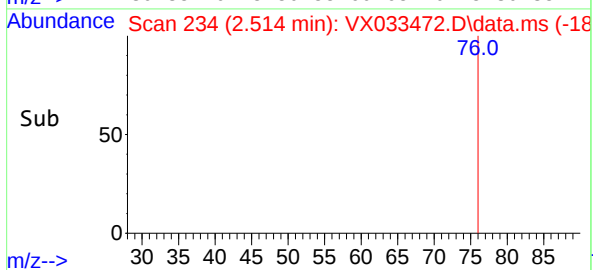
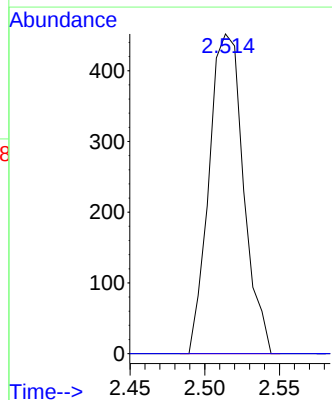
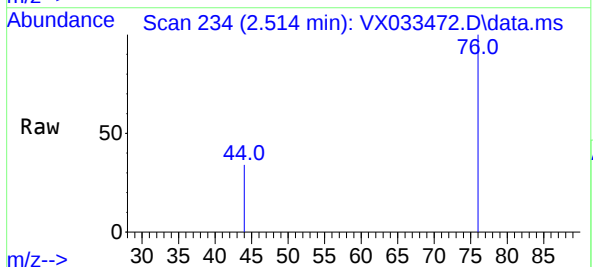
Instrument :
MSVOA_X
ClientSampleId :

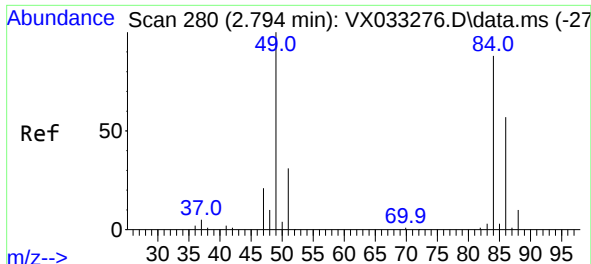
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

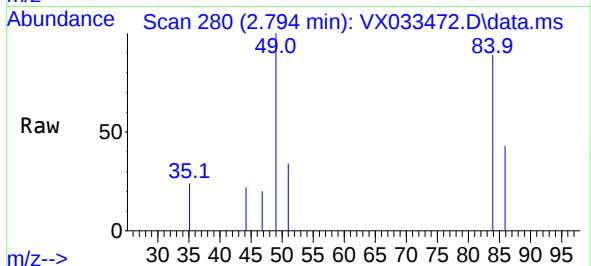
Tgt Ion: 76 Resp: 724
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



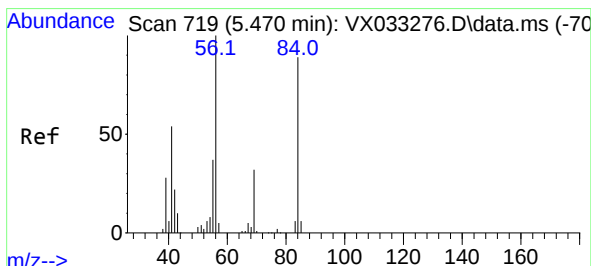
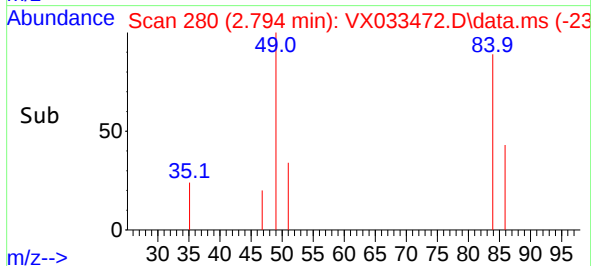
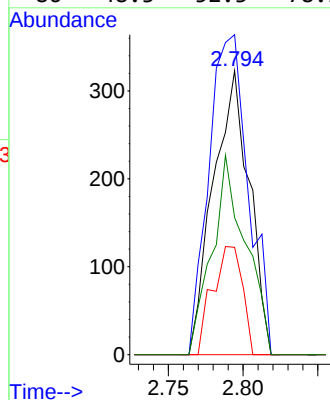


#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Instrument :
MSVOA_X
ClientSampleId :

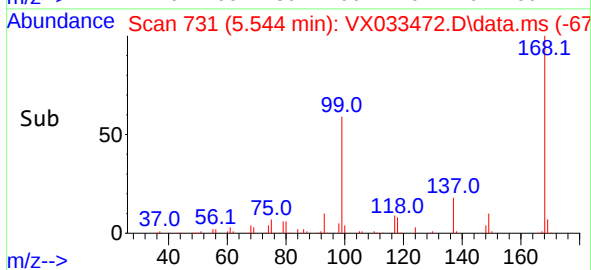
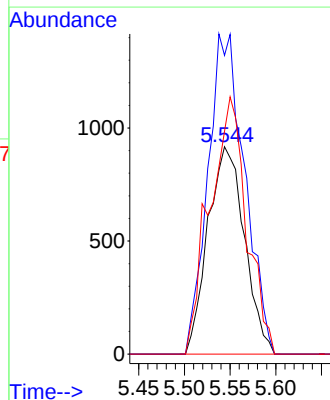
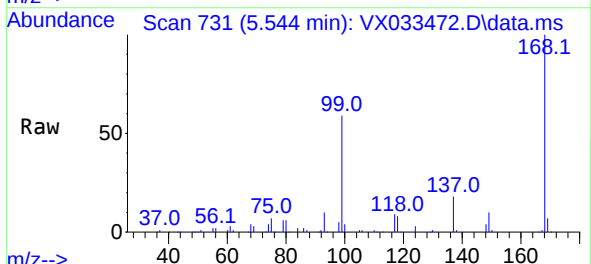


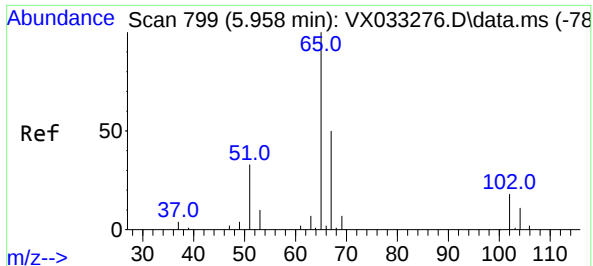
Tgt Ion: 84 Resp: 541
Ion Ratio Lower Upper
84 100
49 112.7 101.0 151.6
51 37.8 31.1 46.7
86 48.3 52.3 78.5#



#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Tgt Ion: 56 Resp: 2549
Ion Ratio Lower Upper
56 100
69 144.1 24.1 36.1#
84 107.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.725 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX033472.D

Acq: 19 Dec 2022 10:27

Instrument :

MSVOA_X

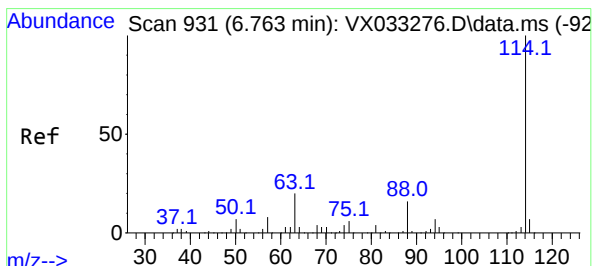
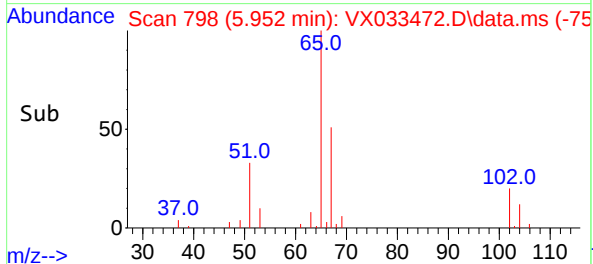
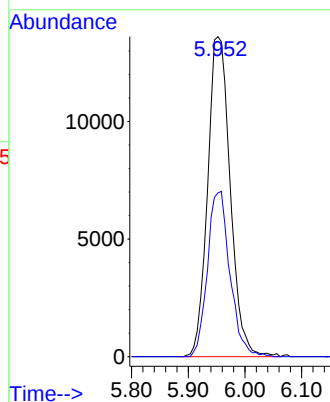
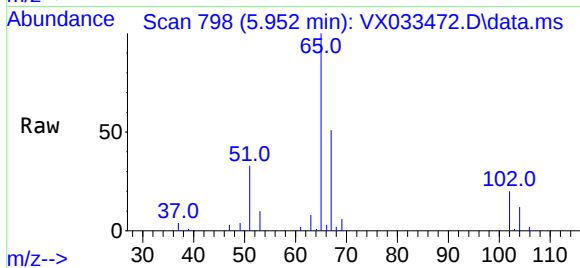
ClientSampleId :

Tgt Ion: 65 Resp: 37707

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033472.D

Acq: 19 Dec 2022 10:27

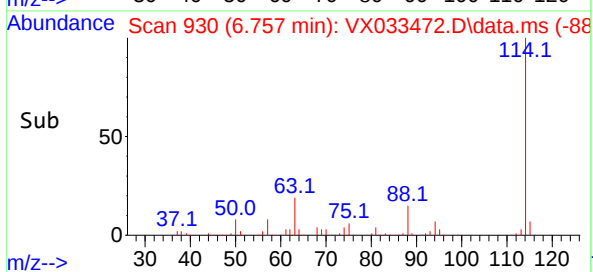
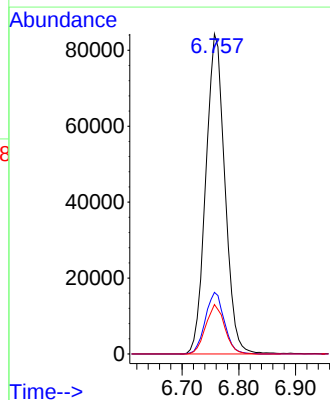
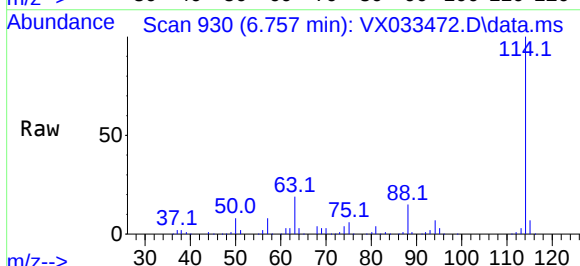
Tgt Ion:114 Resp: 196935

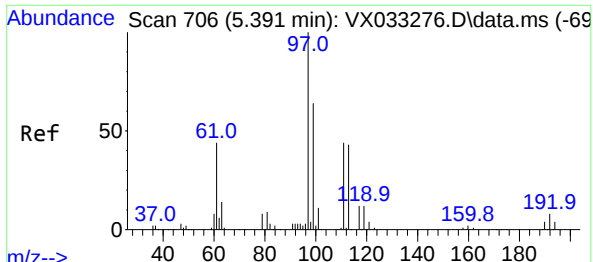
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

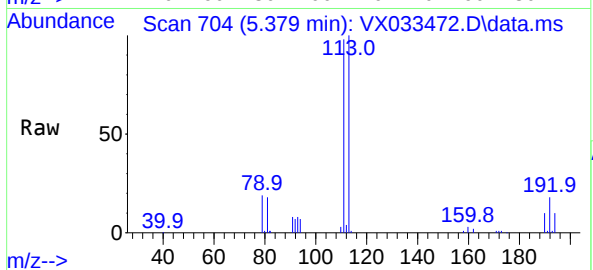
88 15.4 0.0 33.4



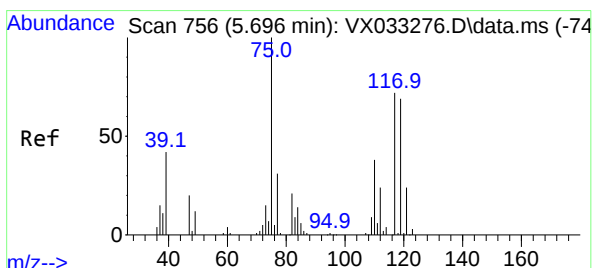
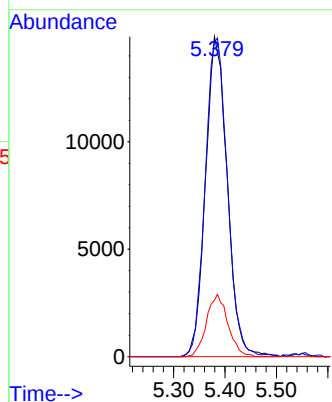
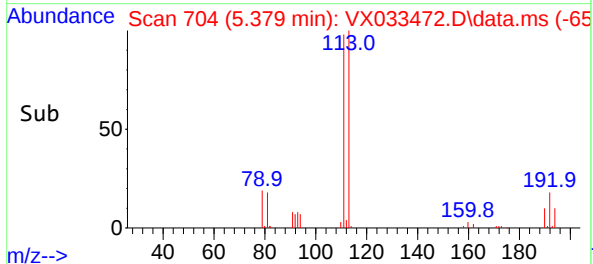


#35
Dibromofluoromethane
Concen: 49.313 ug/l
RT: 5.379 min Scan# 706
Delta R.T. -0.012 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Instrument :
MSVOA_X
ClientSampleId :

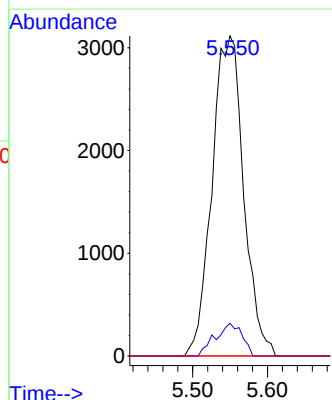
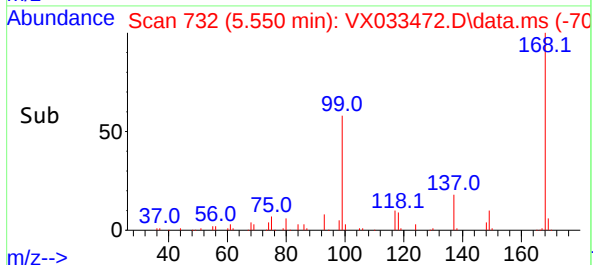
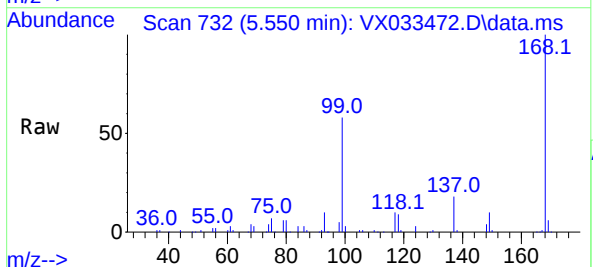


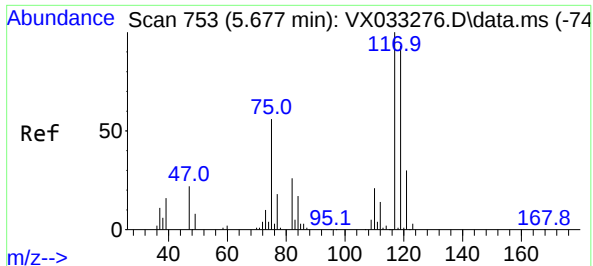
Tgt Ion:113 Resp: 43680
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

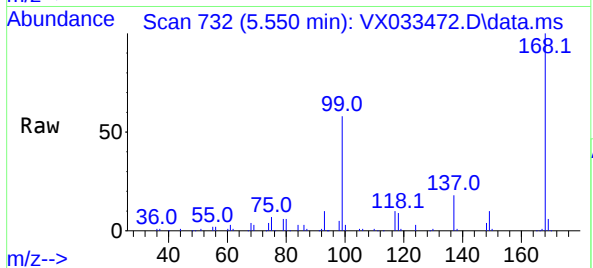
Tgt Ion: 75 Resp: 9159
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.5 36.7#



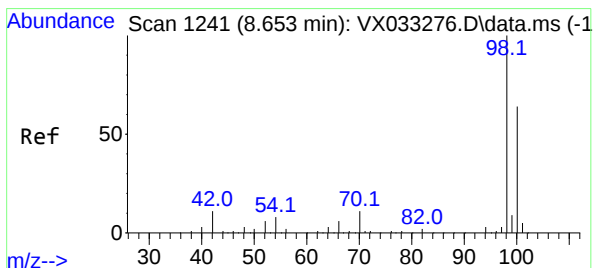
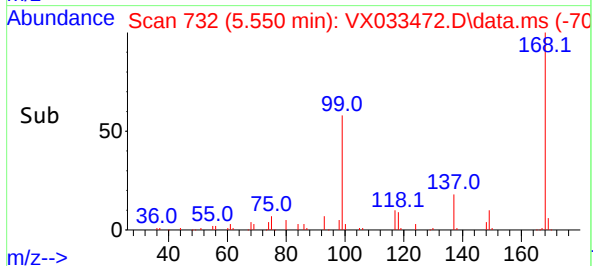
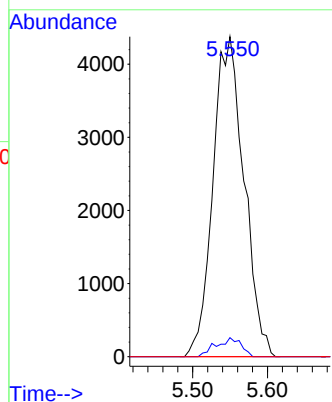


#38
Carbon Tetrachloride
Concen: 6.517 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Instrument :
MSVOA_X
ClientSampleId :

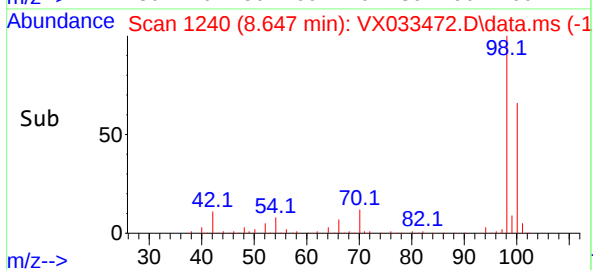
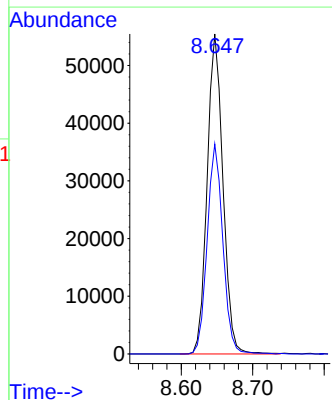
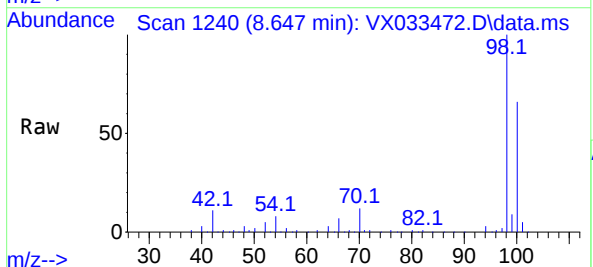


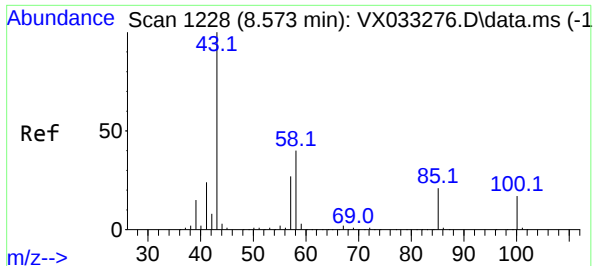
Tgt Ion:117 Resp: 12609
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Tgt Ion: 98 Resp: 85138
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.236 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX033472.D

Acq: 19 Dec 2022 10:27

Instrument :

MSVOA_X

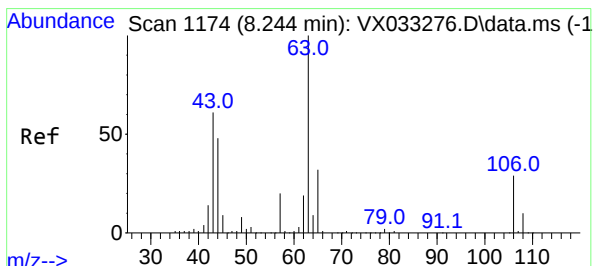
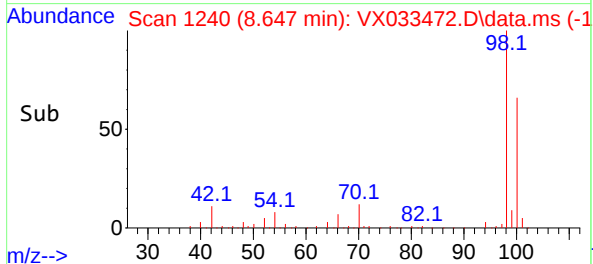
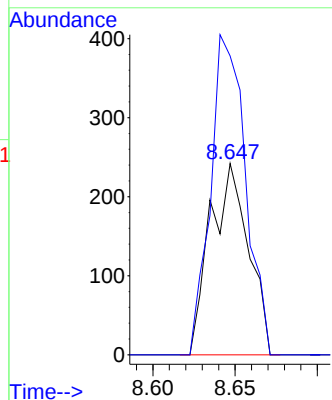
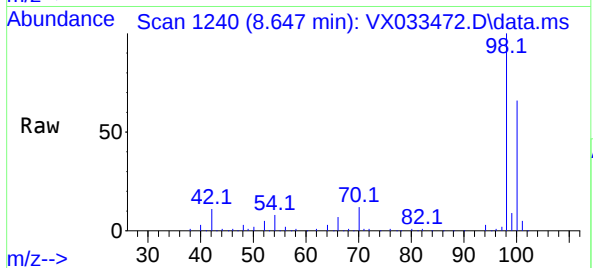
ClientSampleId :

Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 152.6 30.9 46.3#



#58

2-Chloroethyl Vinyl ether

Concen: 1.079 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033472.D

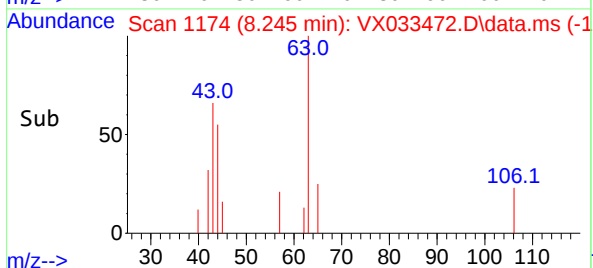
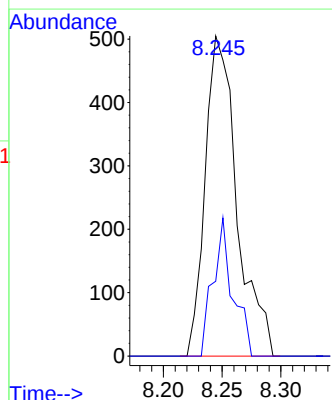
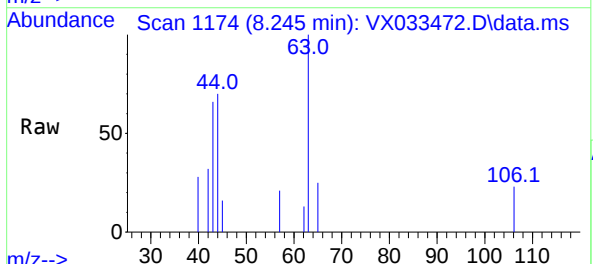
Acq: 19 Dec 2022 10:27

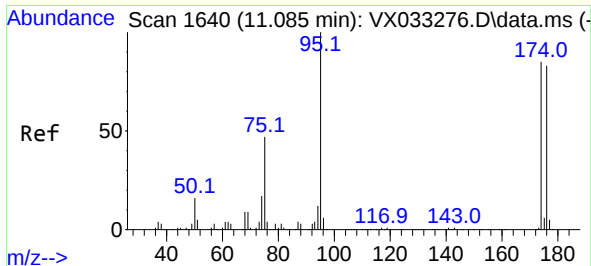
Tgt Ion: 63 Resp: 951

Ion Ratio Lower Upper

63 100

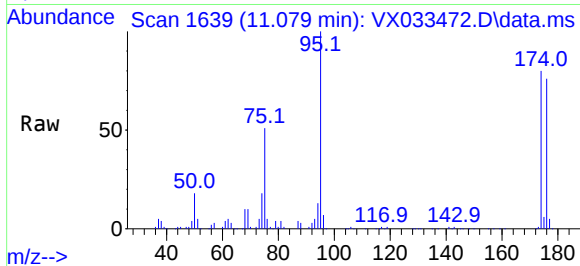
106 26.8 23.3 34.9



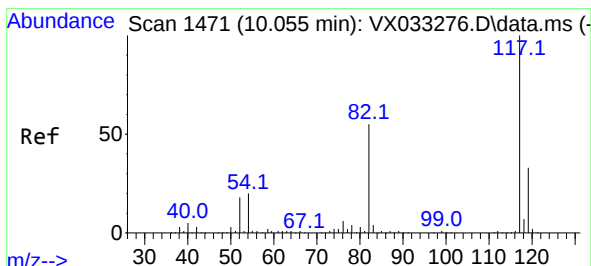
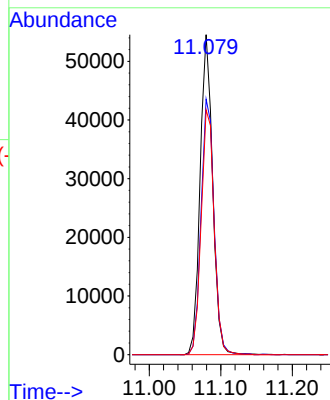
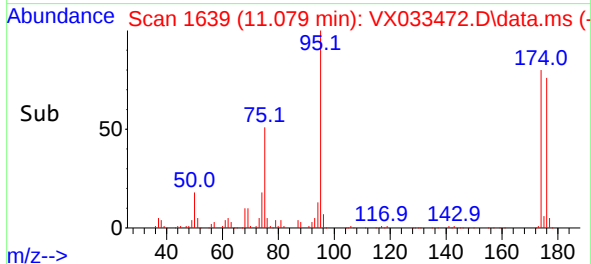


#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

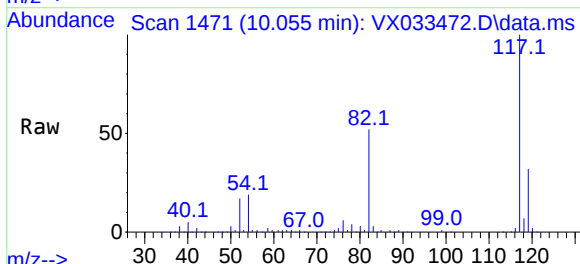
Instrument :
MSVOA_X
ClientSampleId :



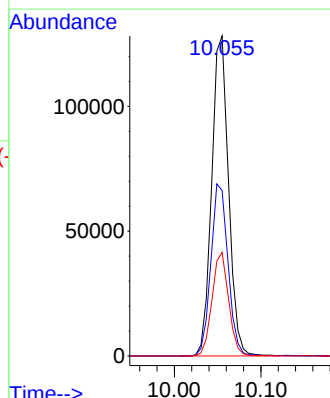
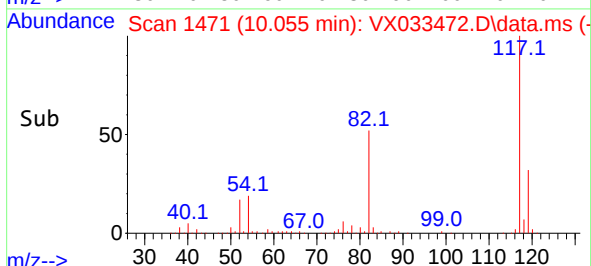
Tgt Ion: 95 Resp: 66316
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.4 0.0 154.4

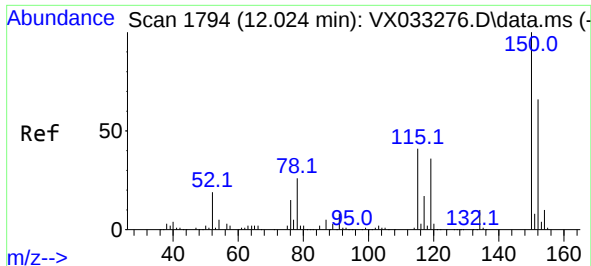


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27



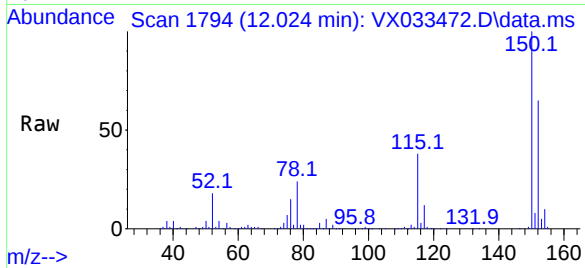
Tgt Ion: 117 Resp: 173754
Ion Ratio Lower Upper
117 100
82 51.7 44.3 66.5
119 32.4 25.7 38.5



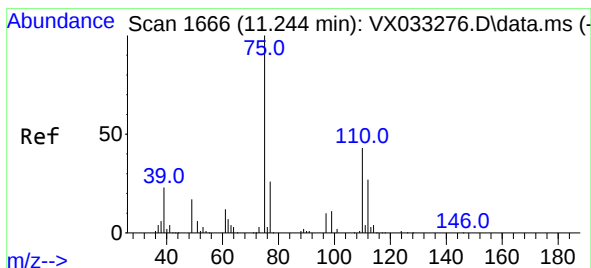
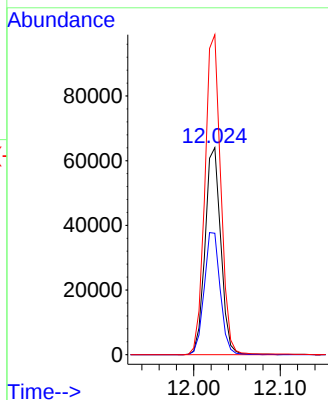
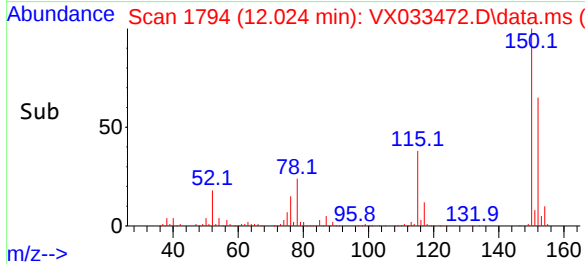


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX033472.D
 Acq: 19 Dec 2022 10:27

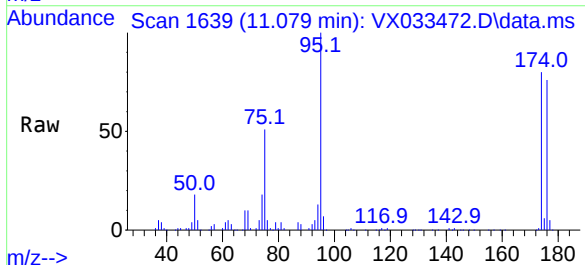
Instrument :
 MSVOA_X
 ClientSampleId :



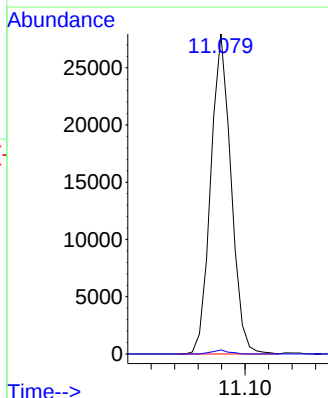
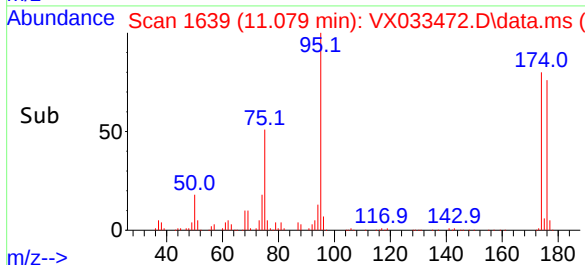
Tgt Ion:152 Resp: 80649
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.0 132.0
 150 155.7 0.0 351.8

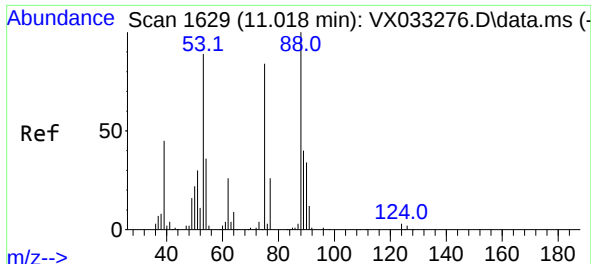


#76
 1,2,3-Trichloropropane
 Concen: 20.424 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033472.D
 Acq: 19 Dec 2022 10:27



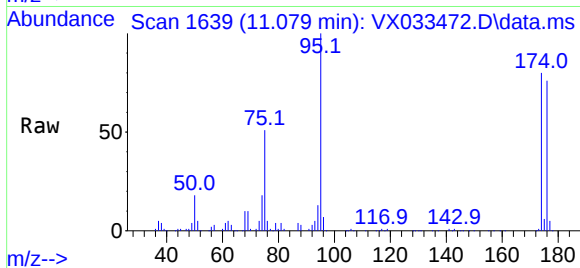
Tgt Ion: 75 Resp: 33512
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#



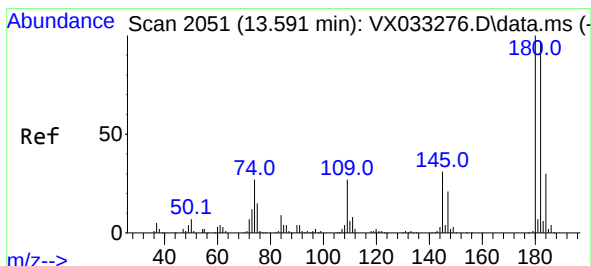
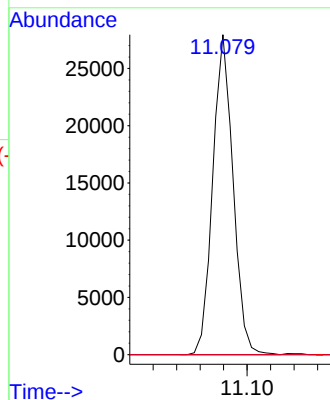
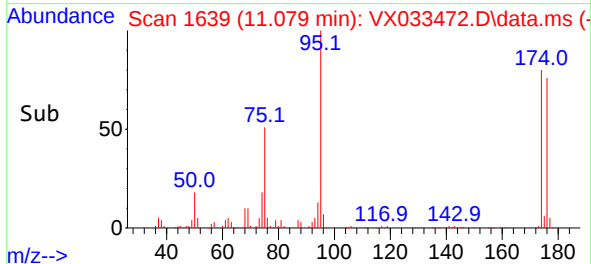


#81
trans-1,4-Dichloro-2-butene
Concen: 63.533 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

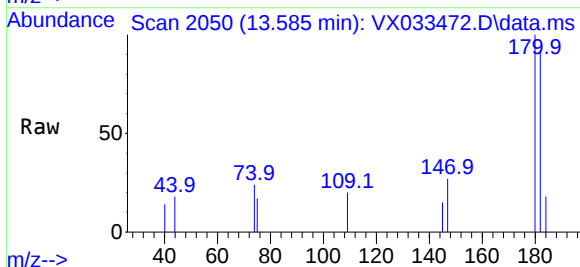
Instrument :
MSVOA_X
ClientSampleId :



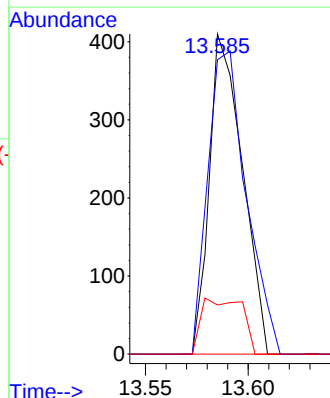
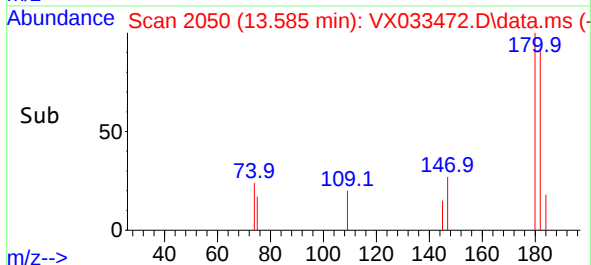
Tgt Ion: 75 Resp: 33512
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

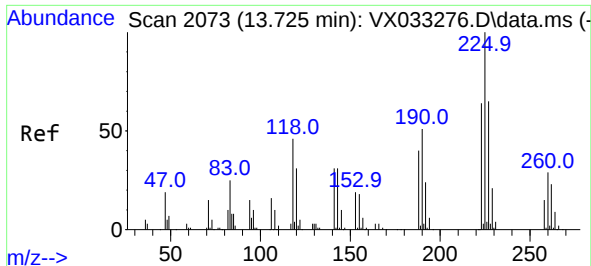


#93
1,2,4-Trichlorobenzene
Concen: 0.284 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27



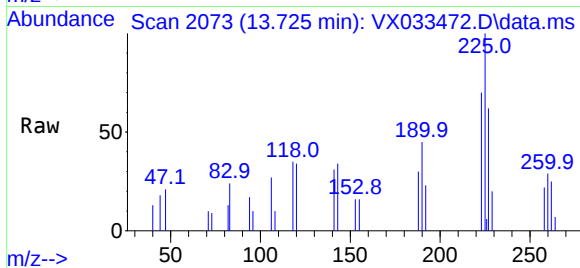
Tgt Ion: 180 Resp: 459
Ion Ratio Lower Upper
180 100
182 110.0 48.4 145.0
145 21.4 16.2 48.5



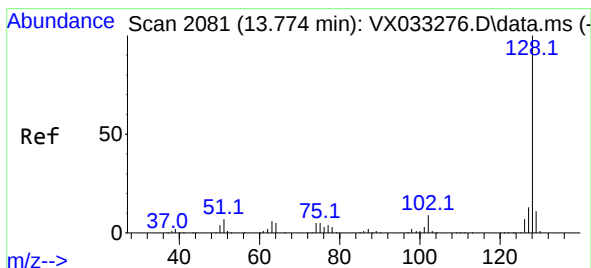
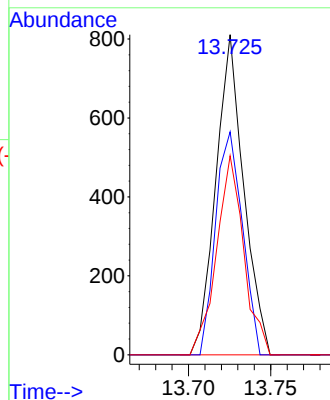
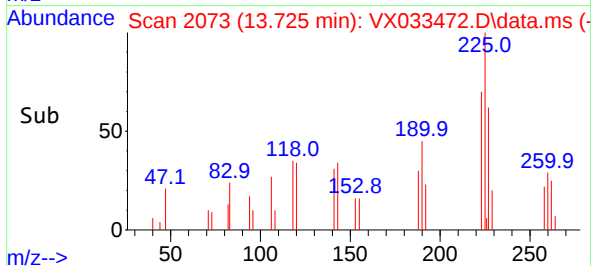


#94
Hexachlorobutadiene
Concen: 1.480 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Instrument :
MSVOA_X
ClientSampleId :

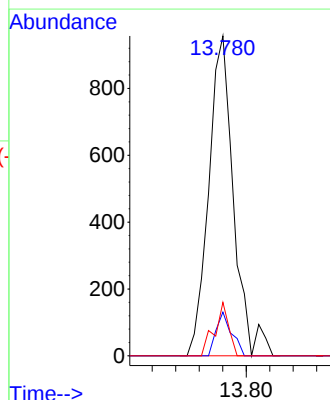
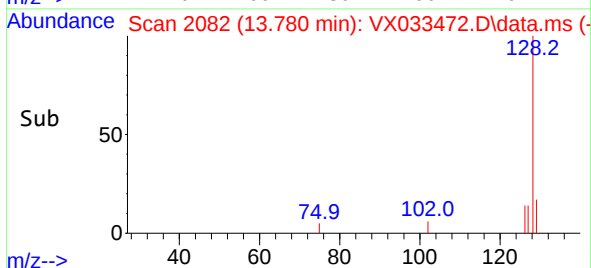
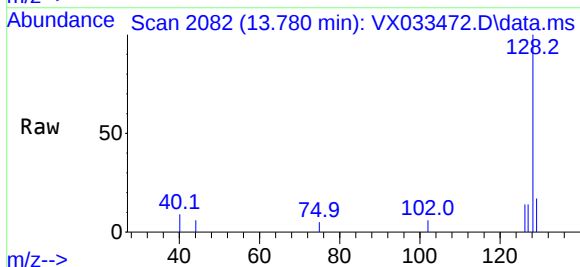


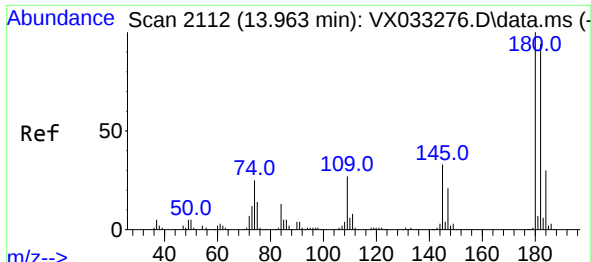
Tgt Ion:225 Resp: 957
Ion Ratio Lower Upper
225 100
223 66.8 31.9 95.9
227 60.6 31.9 95.5



#95
Naphthalene
Concen: 0.261 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.007 min
Lab File: VX033472.D
Acq: 19 Dec 2022 10:27

Tgt Ion:128 Resp: 1404
Ion Ratio Lower Upper
128 100
127 8.5 10.2 15.4#
129 9.5 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 0.401 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

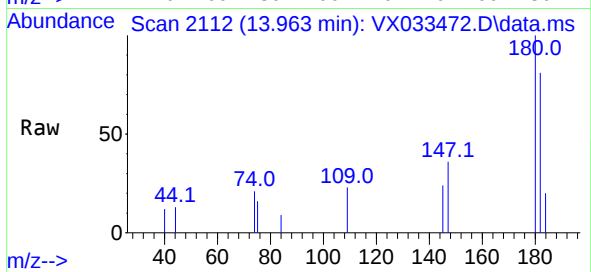
Lab File: VX033472.D

Acq: 19 Dec 2022 10:27

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 655

Ion Ratio Lower Upper

180 100

182 87.0 47.5 142.6

145 22.1 16.9 50.6

