

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032281.D
 Acq On : 21 Oct 2022 12:05
 Operator : JC/MD
 Sample : VX1021MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 05:06:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

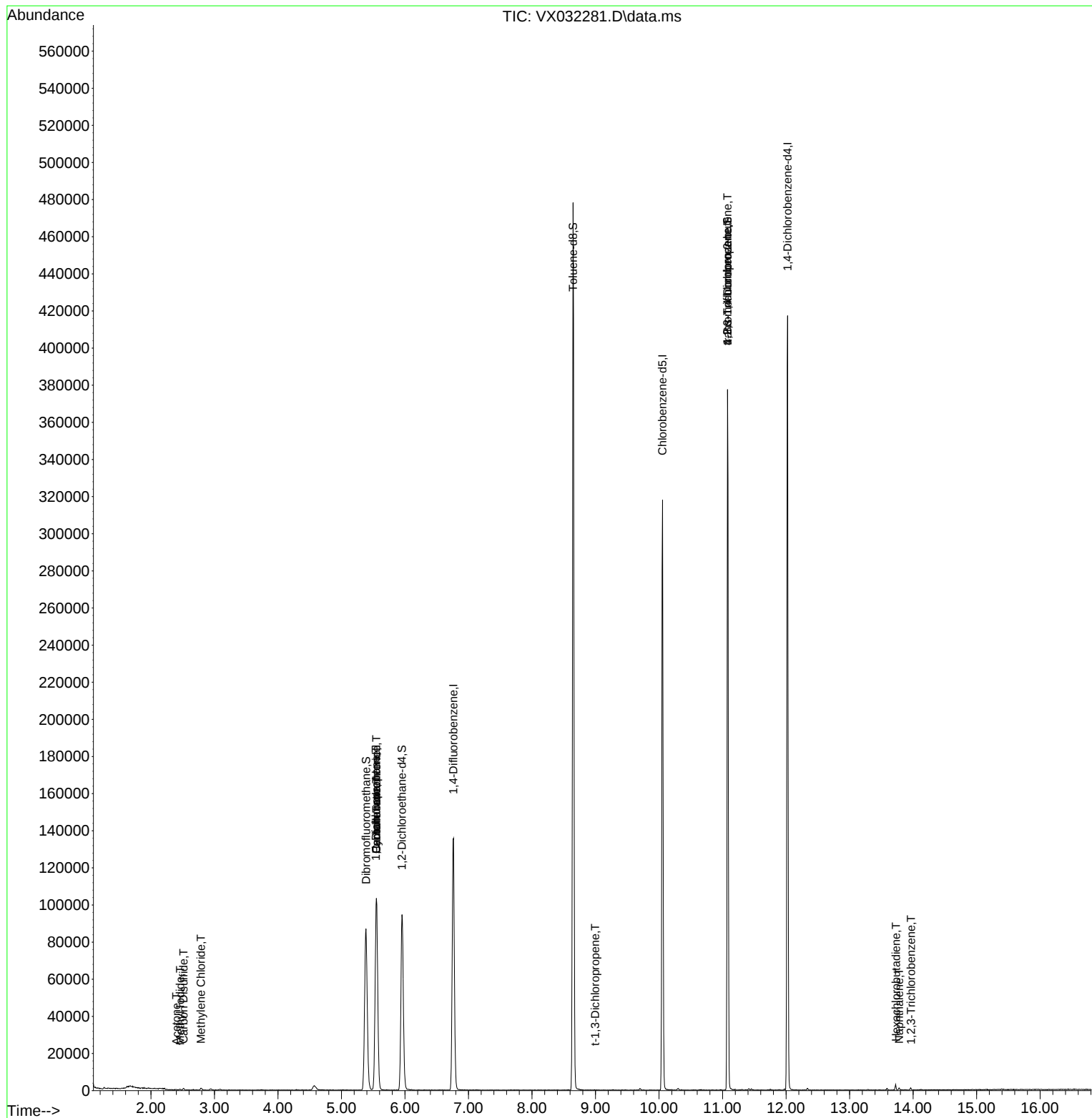
Internal Standards						
1) Pentafluorobenzene	5.550	168	95987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94600	75.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 151.520%#	
35) Dibromofluoromethane	5.385	113	74398	78.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 156.920%#	
50) Toluene-d8	8.647	98	271734	79.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 159.220%#	
62) 4-Bromofluorobenzene	11.079	95	94417	75.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 151.080%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	90	Below Cal	#	44
10) Methyl Iodide	2.459	142	503	0.382	ug/l #	82
11) Tert butyl alcohol	2.941	59	414	Below Cal	#	74
16) Acetone	2.398	43	465	1.148	ug/l #	44
17) Carbon Disulfide	2.514	76	1122	0.559	ug/l	97
20) Methylene Chloride	2.788	84	572	0.550	ug/l #	73
31) Cyclohexane	5.550	56	2206	1.545	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	7599	6.230	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10594	8.227	ug/l #	16
53) t-1,3-Dichloropropene	8.994	75	144	1.919	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	51512	30.619	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	51512	93.643	ug/l #	6
94) Hexachlorobutadiene	13.731	225	465	0.587	ug/l	89
95) Naphthalene	13.780	128	1238	0.212	ug/l #	85
96) 1,2,3-Trichlorobenzene	13.969	180	436	0.237	ug/l #	73

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
Data File : VX032281.D
Acq On : 21 Oct 2022 12:05
Operator : JC/MD
Sample : VX1021MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 22 05:06:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

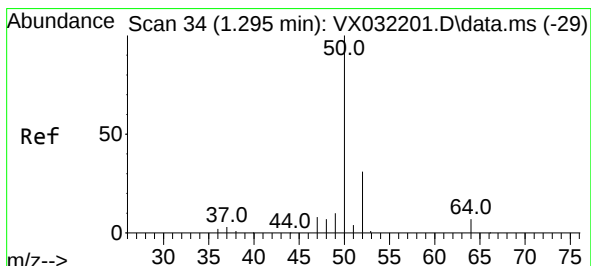
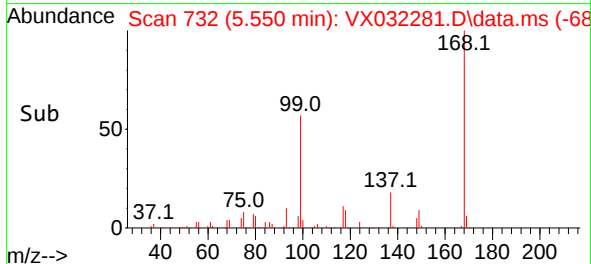
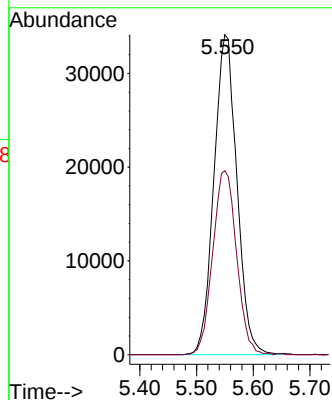
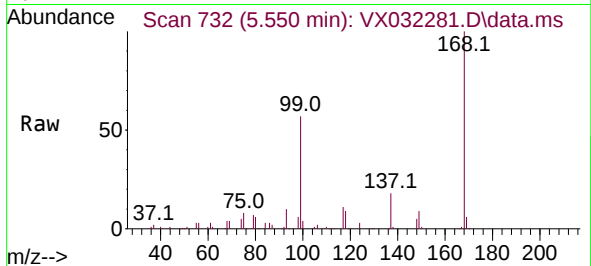




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

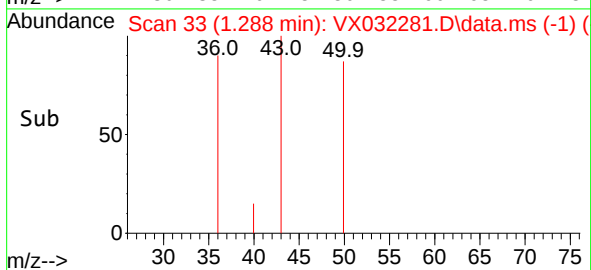
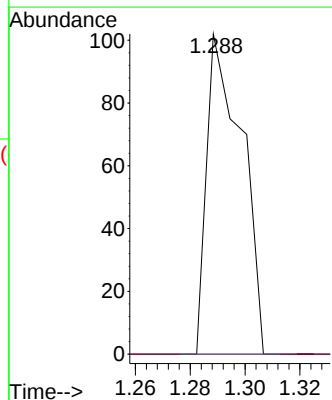
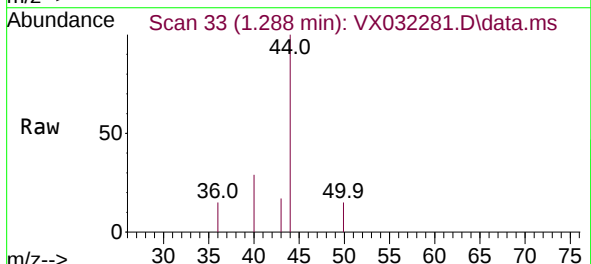
Instrument :
MSVOA_X
ClientSampleId :

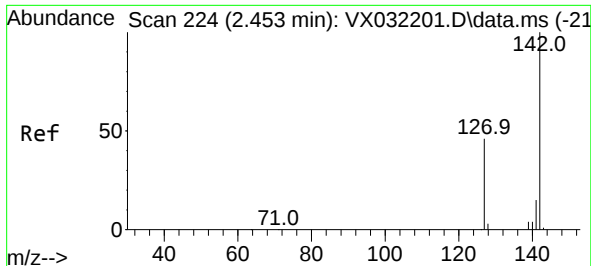
Tgt Ion:168 Resp: 95987
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

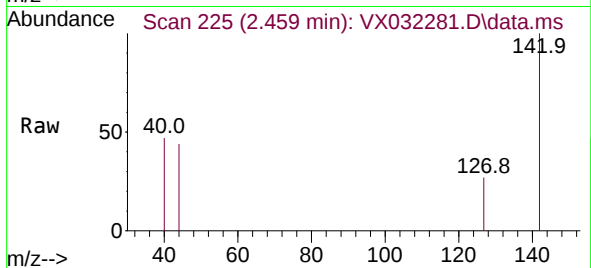
Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



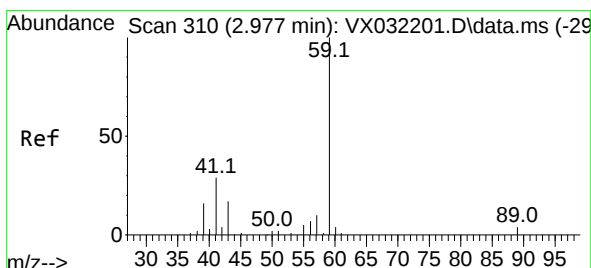
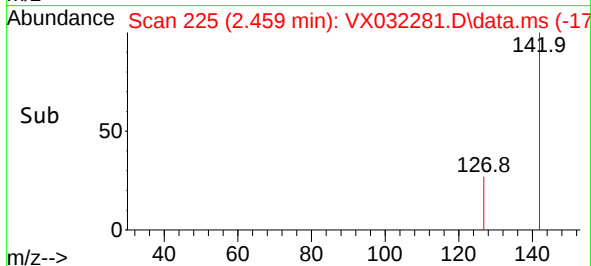
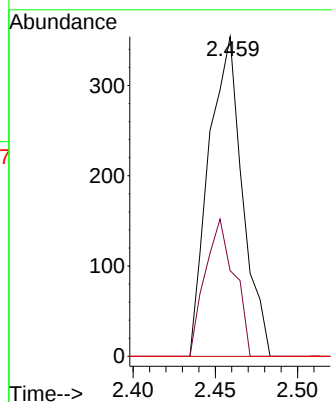


#10
Methyl Iodide
Concen: 0.382 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :

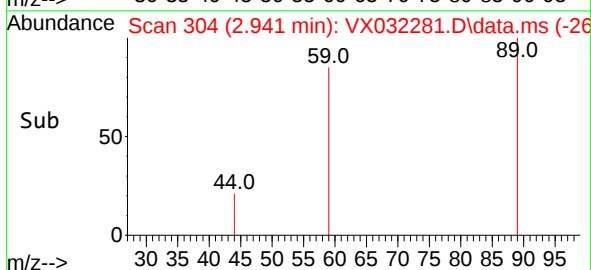
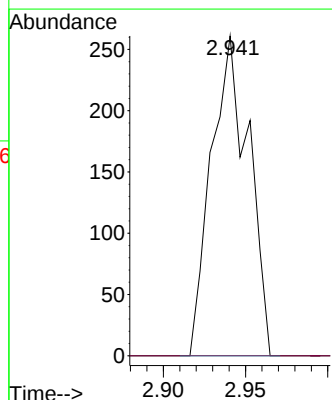
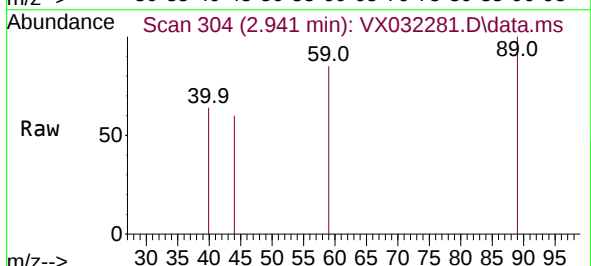


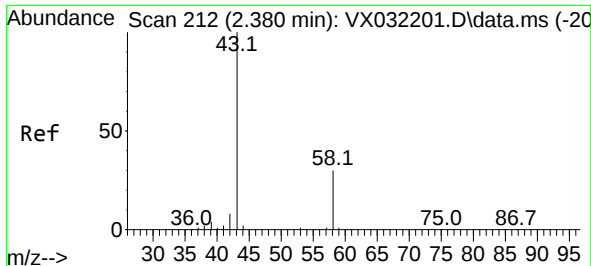
Tgt Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
127 37.4 36.9 55.3
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

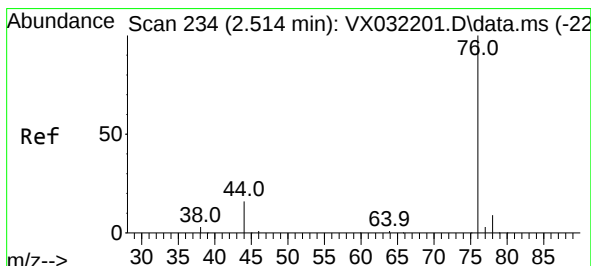
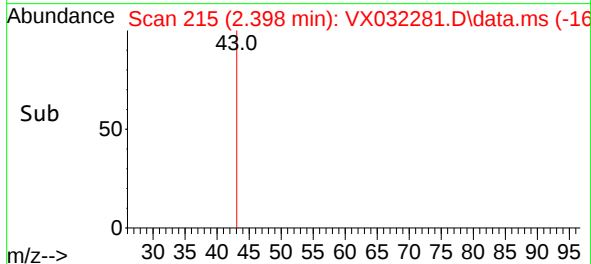
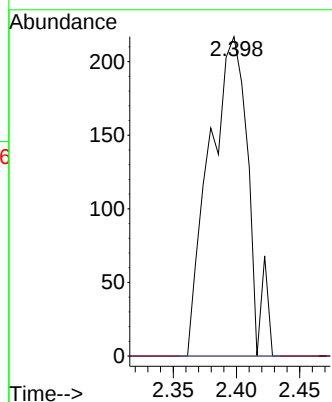
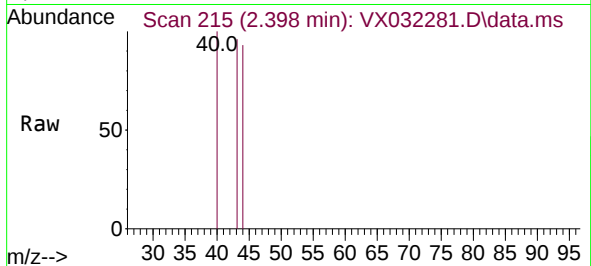




#16
Acetone
Concen: 1.148 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.018 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

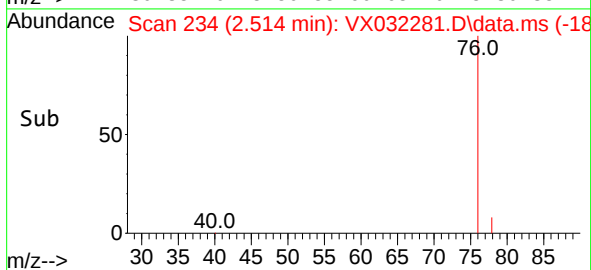
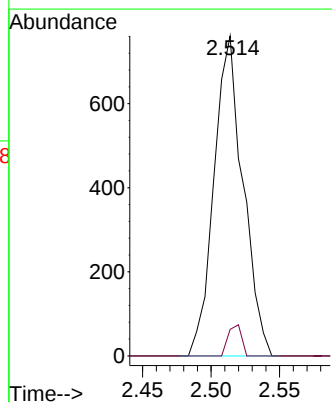
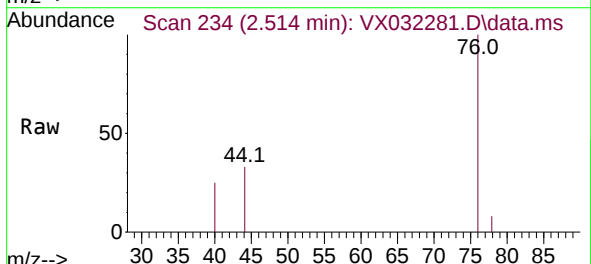
Instrument :
MSVOA_X
ClientSampleId :

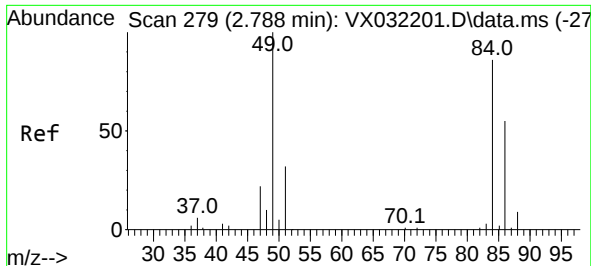
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#17
Carbon Disulfide
Concen: 0.559 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Tgt Ion: 76 Resp: 1122
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4





#20

Methylene Chloride

Concen: 0.550 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

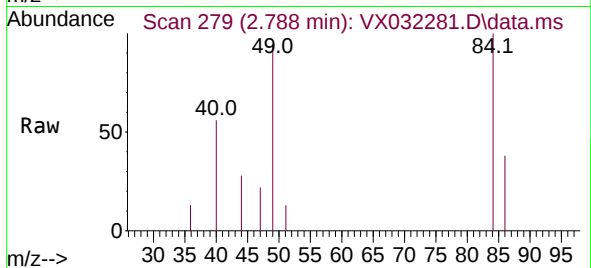
Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 572

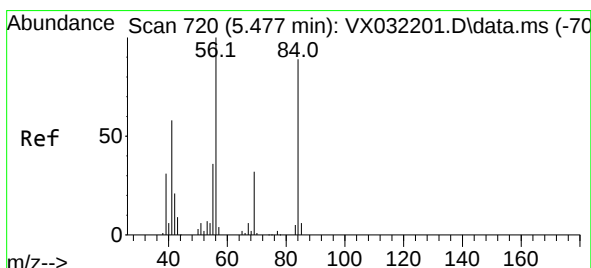
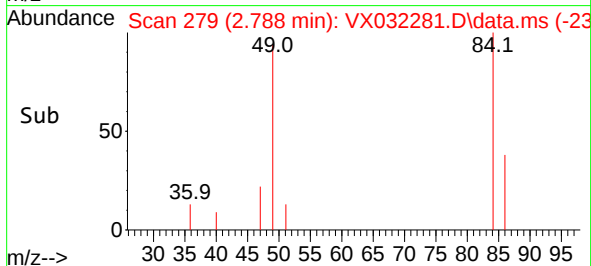
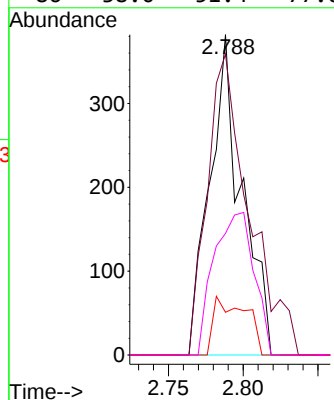
Ion Ratio Lower Upper

84 100

49 94.0 92.6 139.0

51 13.4 29.2 43.8#

86 38.0 51.4 77.0#



#31

Cyclohexane

Concen: 1.545 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

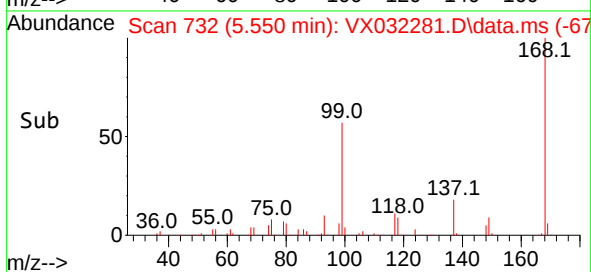
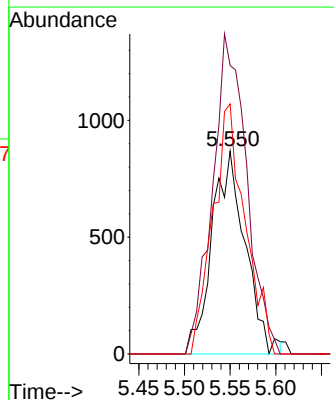
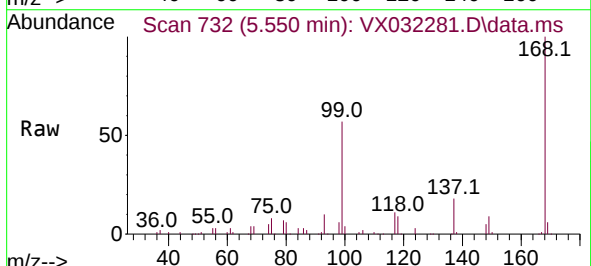
Tgt Ion: 56 Resp: 2206

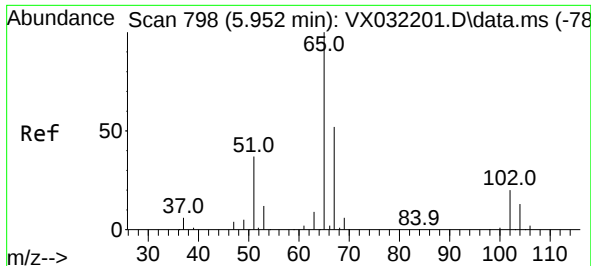
Ion Ratio Lower Upper

56 100

69 142.3 25.4 38.0#

84 123.4 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 75.759 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

Instrument :

MSVOA_X

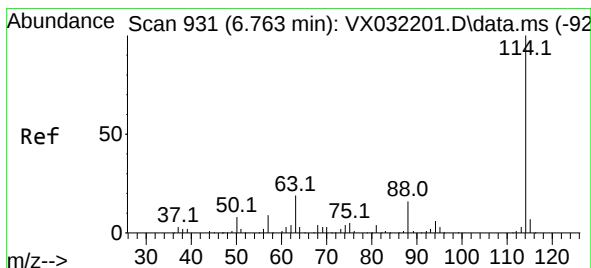
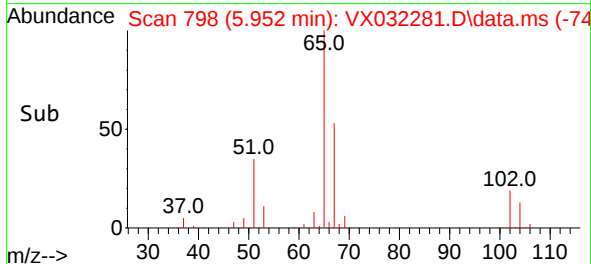
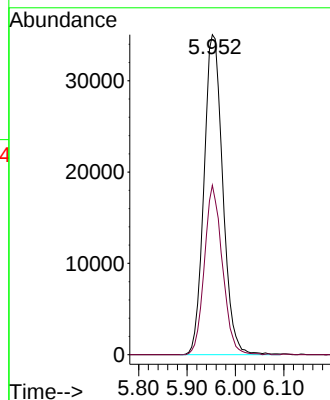
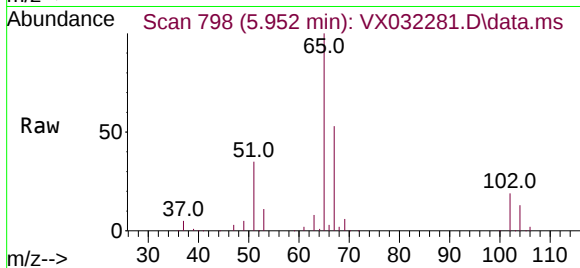
ClientSampleId :

Tgt Ion: 65 Resp: 94600

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

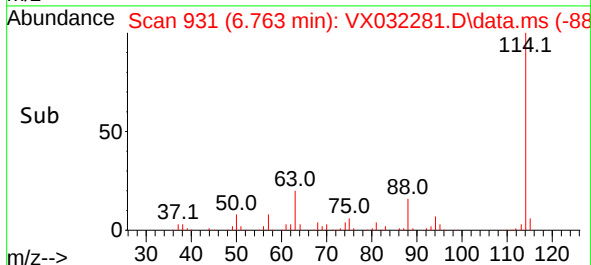
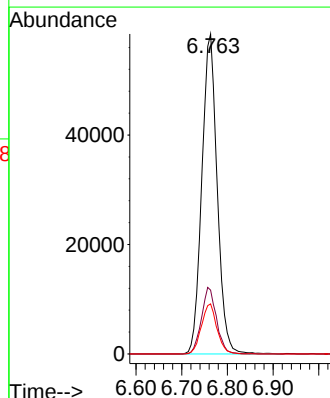
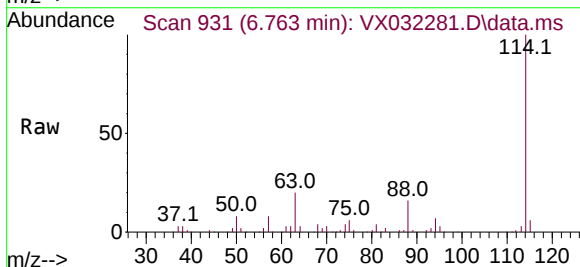
Tgt Ion: 114 Resp: 136270

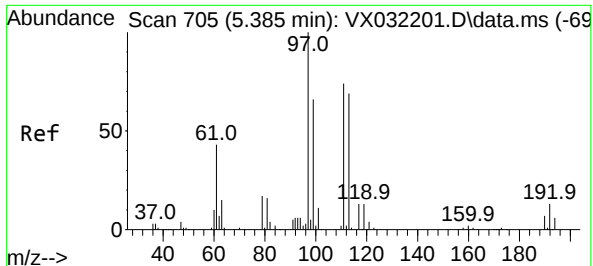
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

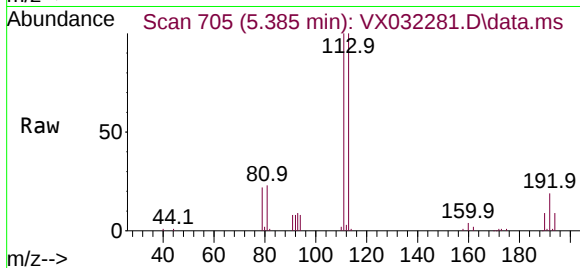
88 15.6 0.0 32.6



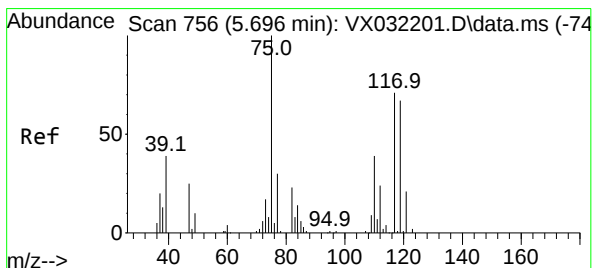
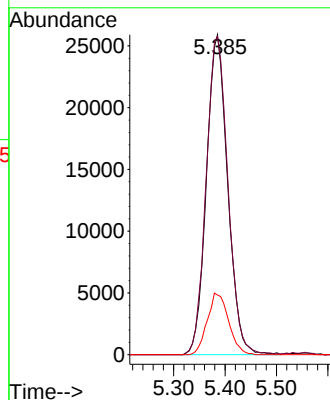
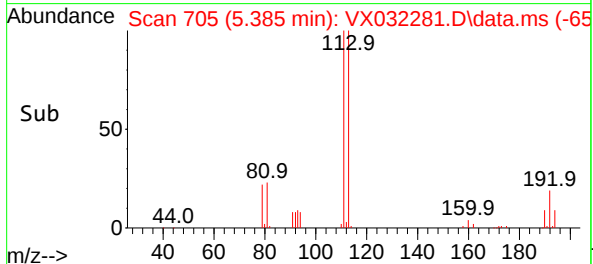


#35
Dibromofluoromethane
Concen: 78.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :

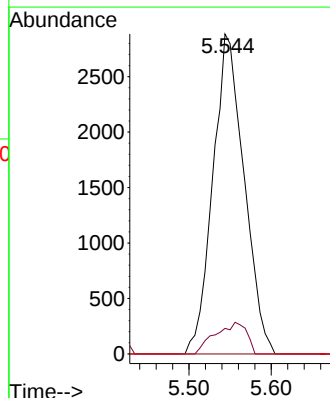
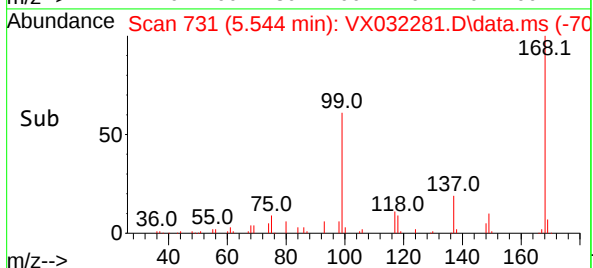
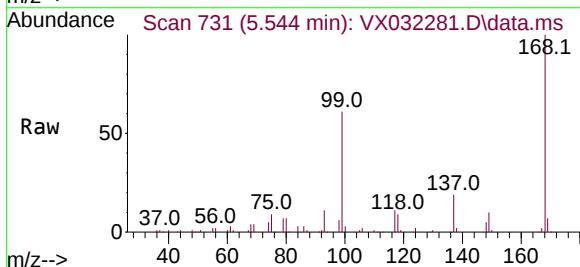


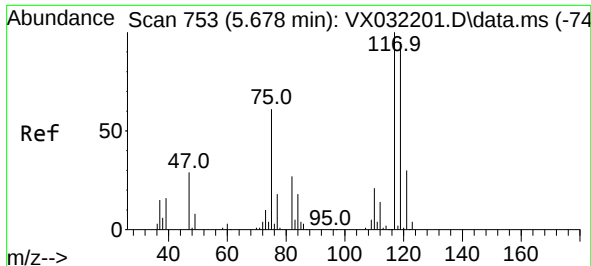
Tgt Ion:113 Resp: 74398
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.3 15.5 23.3



#36
1,1-Dichloropropene
Concen: 6.230 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

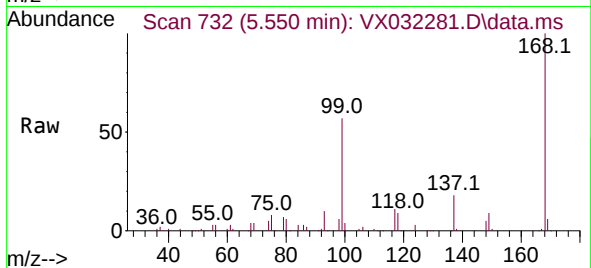
Tgt Ion: 75 Resp: 7599
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.0#
77 0.0 24.7 37.1#



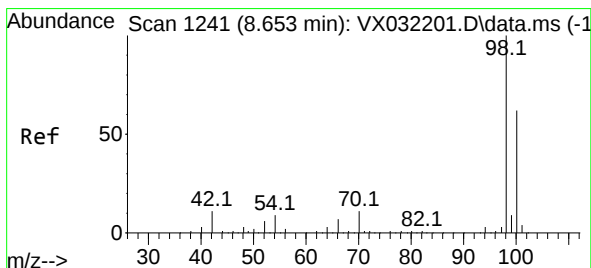
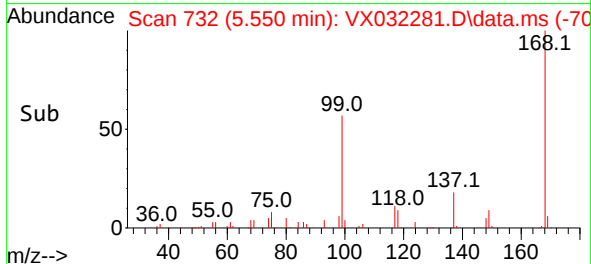
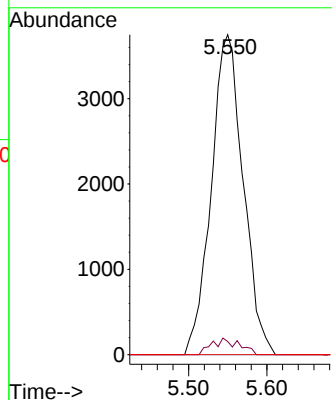


#38
Carbon Tetrachloride
Concen: 8.227 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :

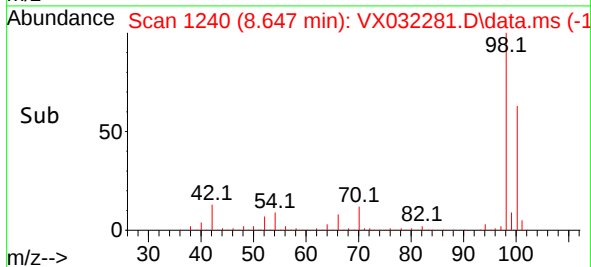
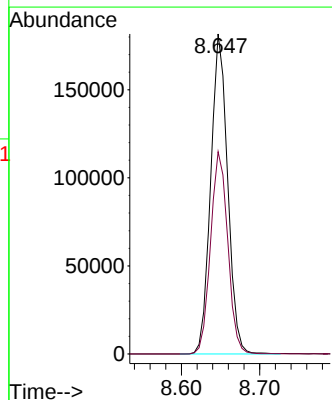
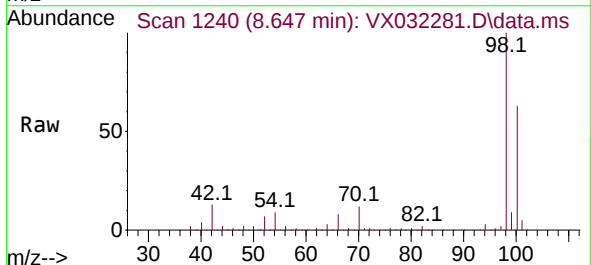


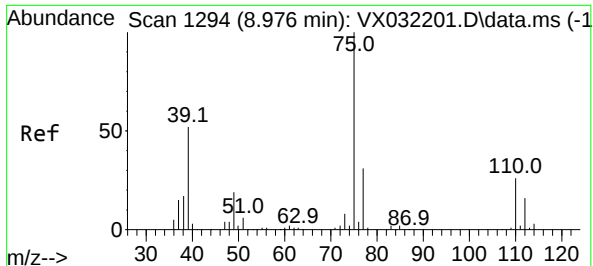
Tgt Ion:117 Resp: 10594
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 79.607 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Tgt Ion: 98 Resp: 271734
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1

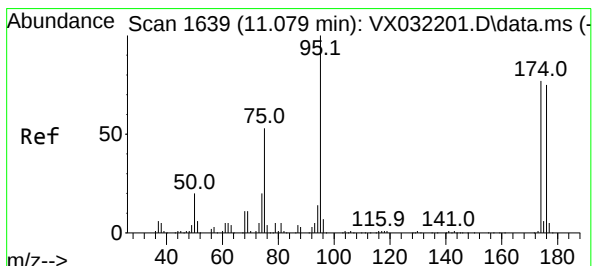
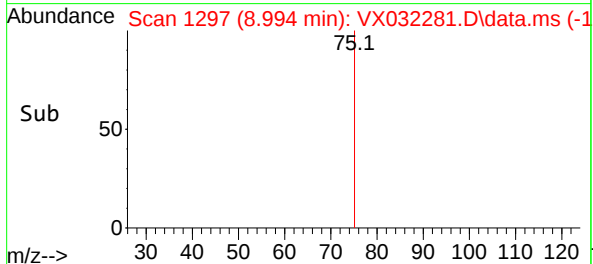
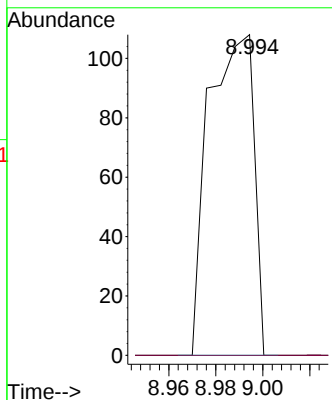
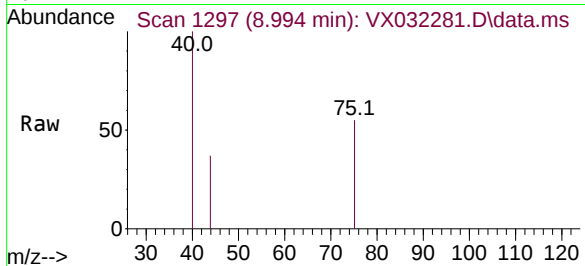




#53
t-1,3-Dichloropropene
Concen: 1.919 ug/l
RT: 8.994 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

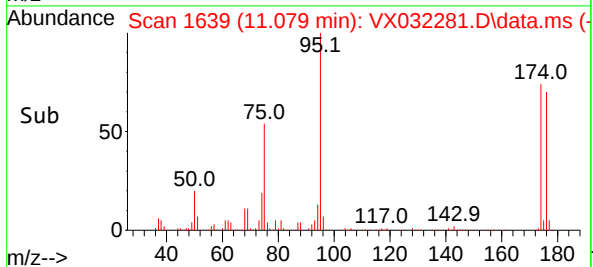
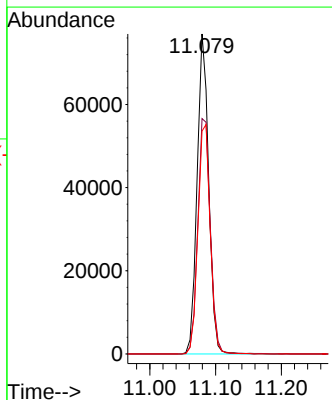
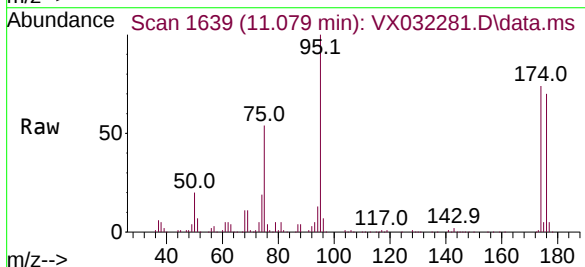
Instrument :
MSVOA_X
ClientSampleId :

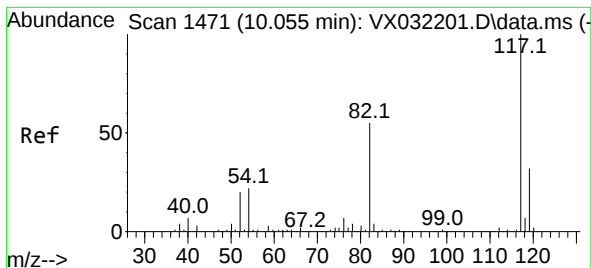
Tgt Ion: 75 Resp: 144
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#



#62
4-Bromofluorobenzene
Concen: 75.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Tgt Ion: 95 Resp: 94417
Ion Ratio Lower Upper
95 100
174 79.4 0.0 166.8
176 76.1 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :

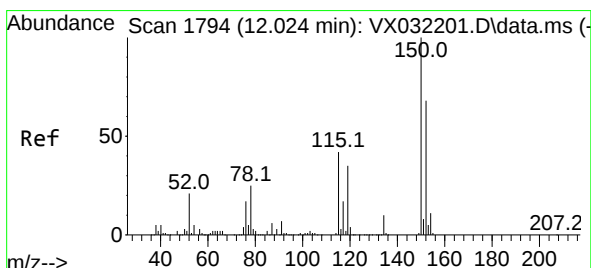
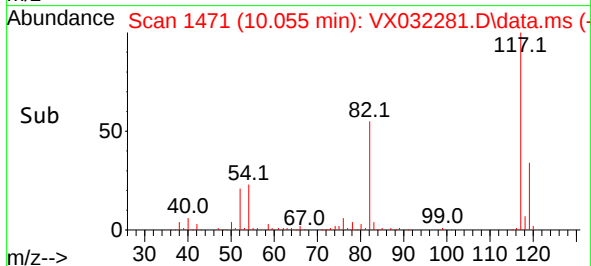
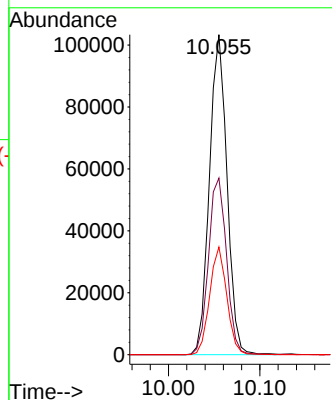
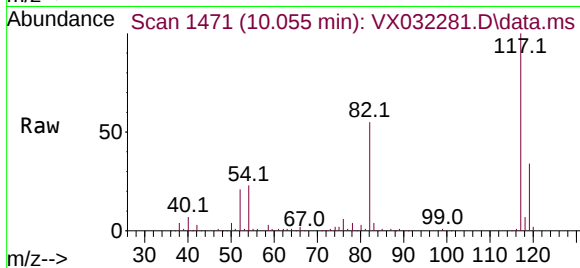
Tgt Ion:117 Resp: 137947

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.4

119 33.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032281.D

Acq: 21 Oct 2022 12:05

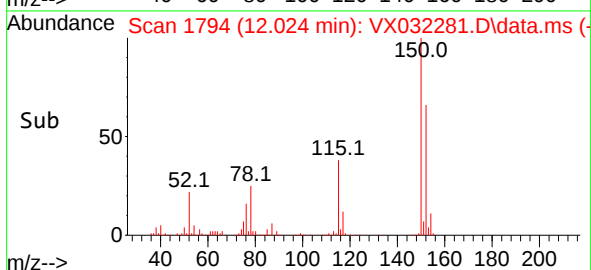
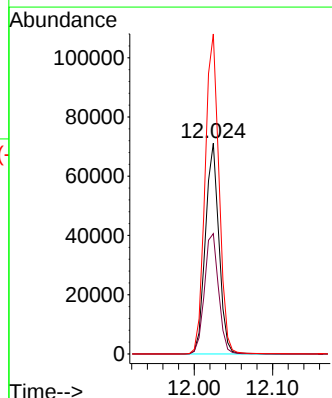
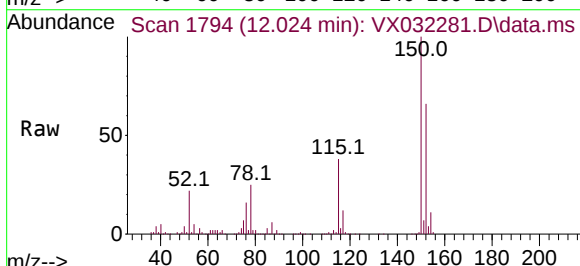
Tgt Ion:152 Resp: 84906

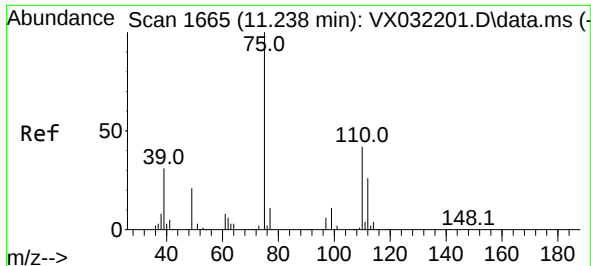
Ion Ratio Lower Upper

152 100

115 59.7 43.1 129.4

150 157.0 0.0 348.6

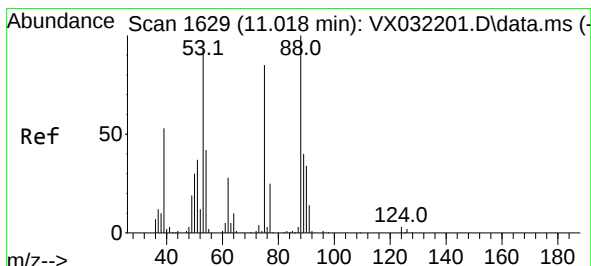
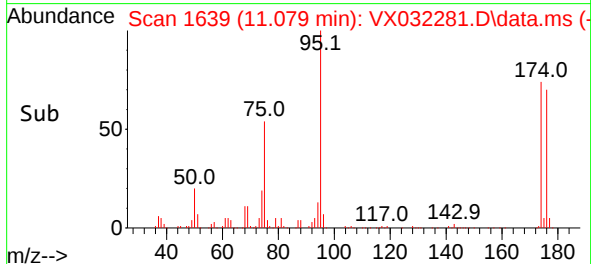
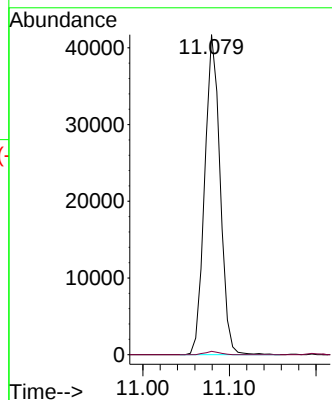
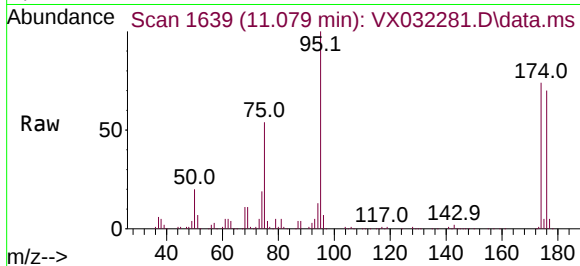




#76
1,2,3-Trichloropropane
Concen: 30.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

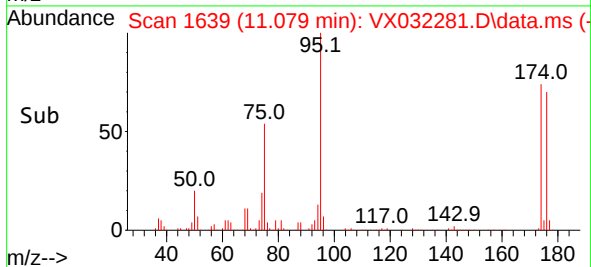
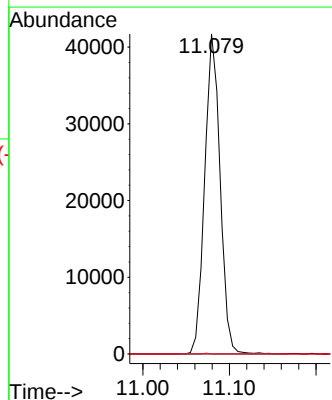
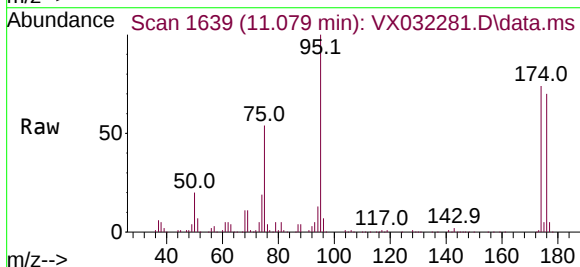
Instrument :
MSVOA_X
ClientSampleId :

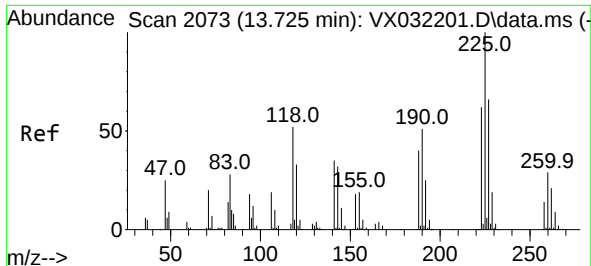
Tgt Ion: 75 Resp: 51512
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

Tgt Ion: 75 Resp: 51512
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#

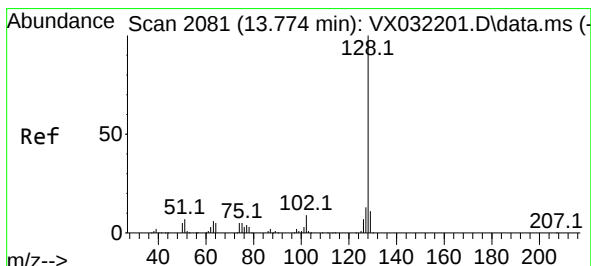
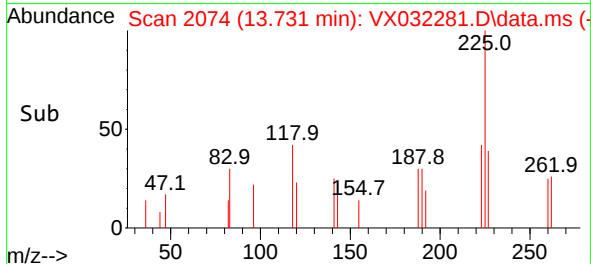
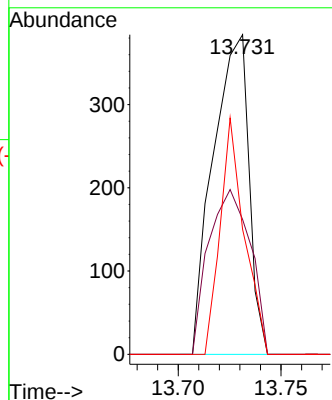
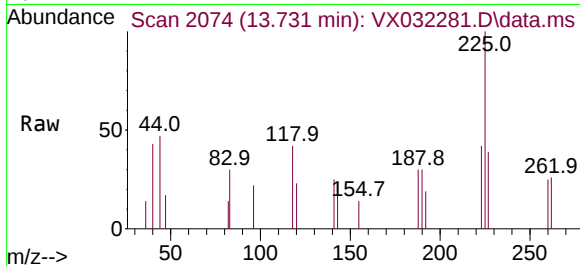




#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

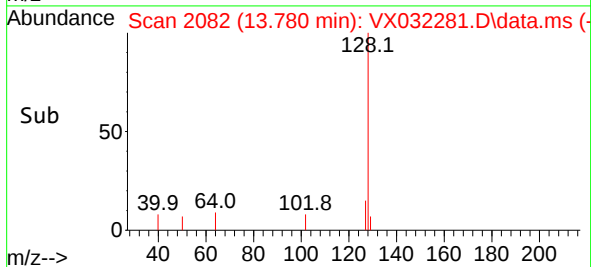
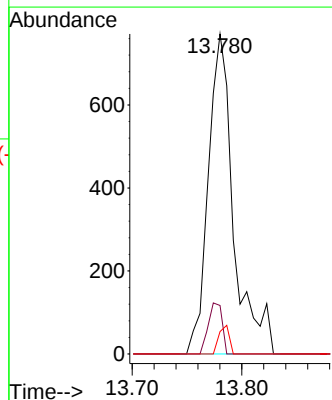
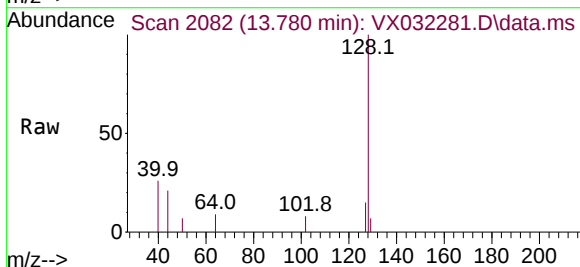
Instrument :
MSVOA_X
ClientSampleId :

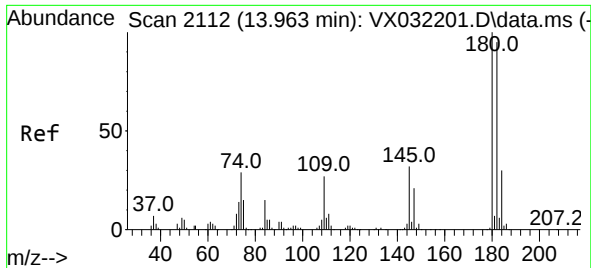
Tgt Ion:225 Resp: 465
Ion Ratio Lower Upper
225 100
223 60.0 31.4 94.3
227 49.9 32.0 96.0



#95
Naphthalene
Concen: 0.212 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX032281.D
Acq: 21 Oct 2022 12:05

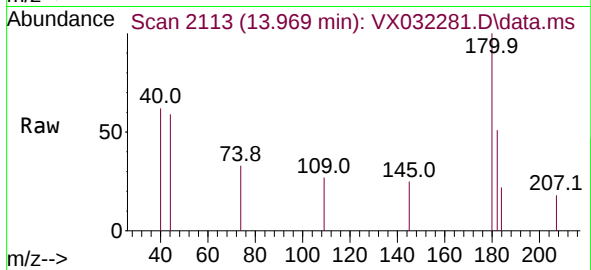
Tgt Ion:128 Resp: 1238
Ion Ratio Lower Upper
128 100
127 8.6 10.3 15.5#
129 3.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.237 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX032281.D
 Acq: 21 Oct 2022 12:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 436
 Ion Ratio Lower Upper
 180 100
 182 69.7 47.4 142.2
 145 16.3 16.5 49.5#

