

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025471.D
 Acq On : 03 Dec 2021 10:42
 Operator : JC/MD
 Sample : VX1203MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 06:46:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

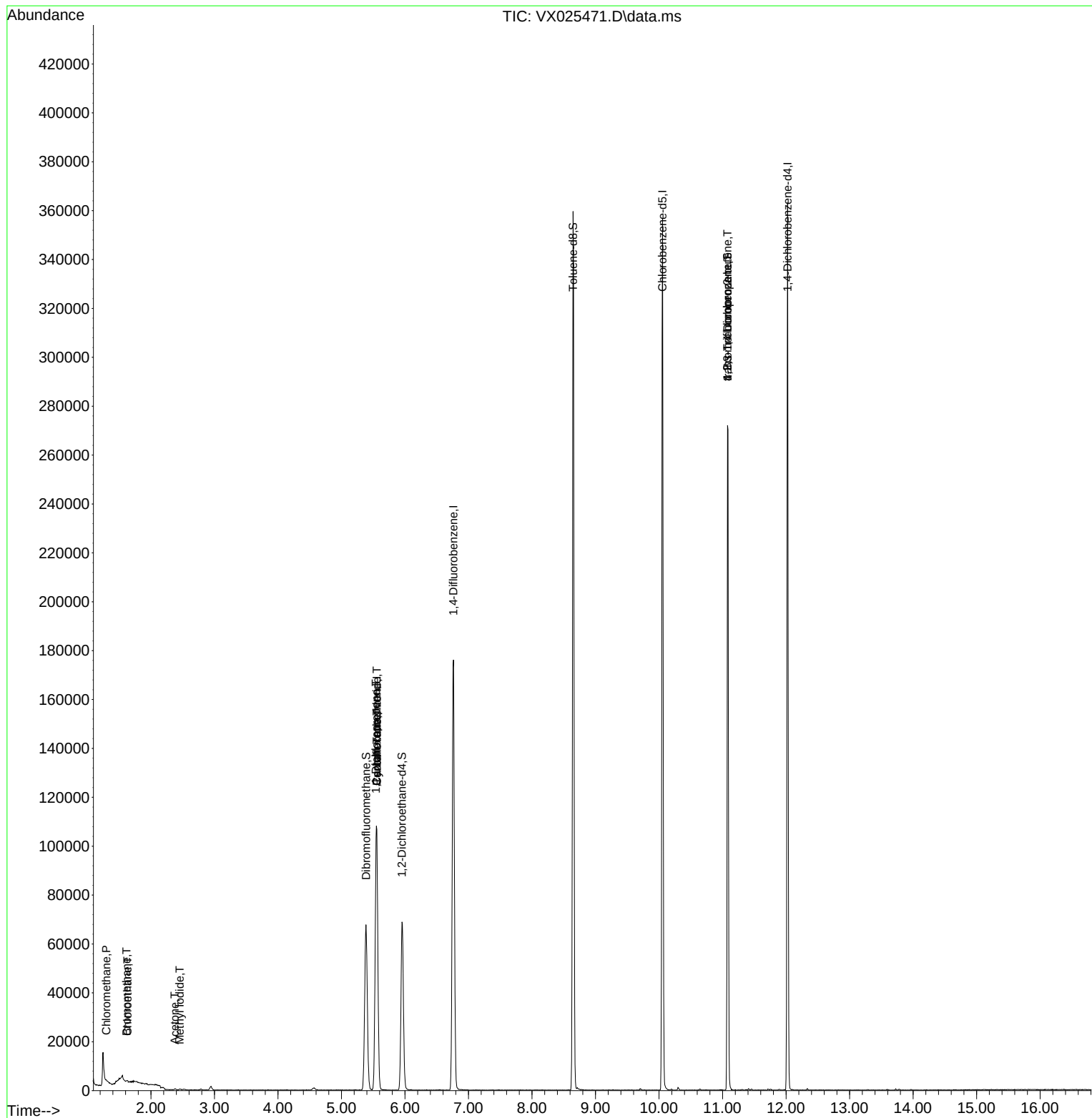
Internal Standards						
1) Pentafluorobenzene	5.556	168	111389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65373	55.679	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.360%			
35) Dibromofluoromethane	5.385	113	58297	50.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	217700	49.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	76636	46.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.520%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	252	0.211	ug/l	97
5) Bromomethane	1.617	94	318	0.563	ug/l	87
6) Chloroethane	1.630	64	270	0.298	ug/l #	76
10) Methyl Iodide	2.453	142	404	0.312	ug/l #	84
11) Tert butyl alcohol	2.940	59	1038	Below Cal	#	72
16) Acetone	2.373	43	605	0.927	ug/l #	85
31) Cyclohexane	5.556	56	2121	1.169	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	7857	4.744	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10534	5.774	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	37041	23.891	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37041	60.184	ug/l #	9
95) Naphthalene	13.786	128	424	Below Cal	#	69

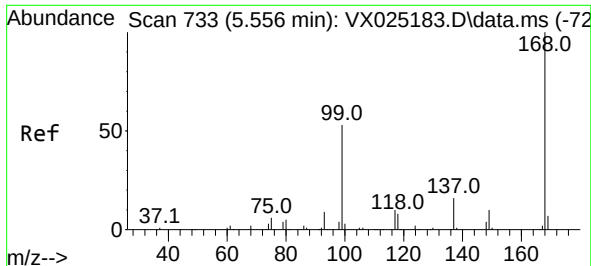
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

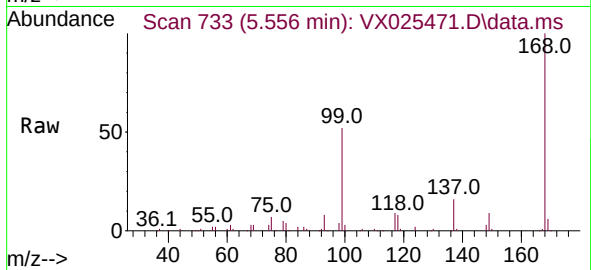
Quant Time: Dec 04 06:46:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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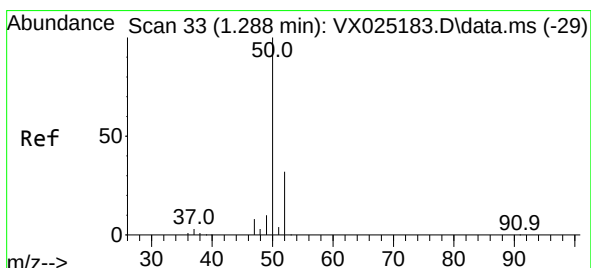
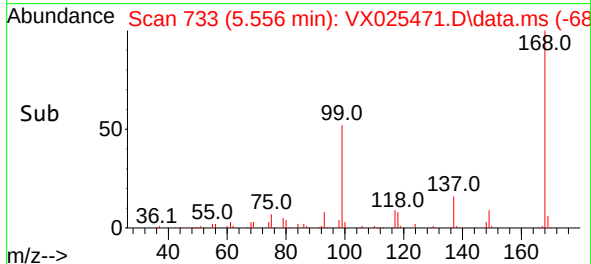
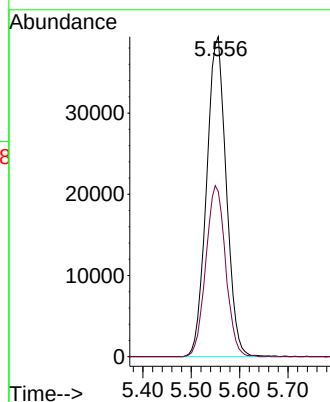


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

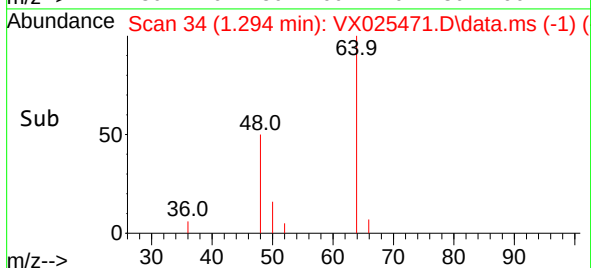
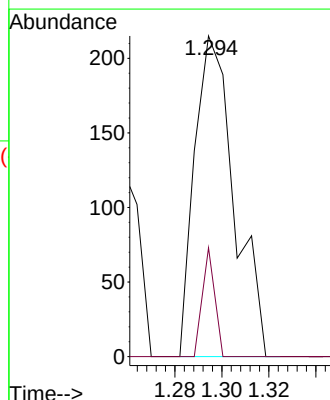
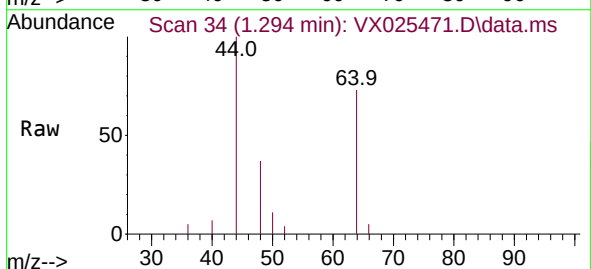


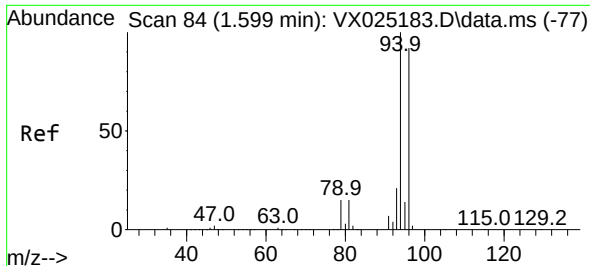
Tgt Ion:168 Resp: 111389
Ion Ratio Lower Upper
168 100
99 51.6 46.4 69.6



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

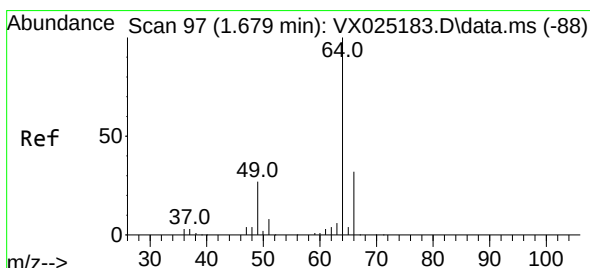
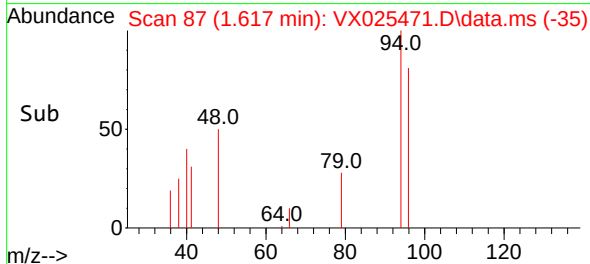
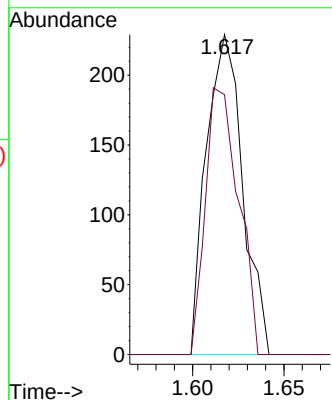
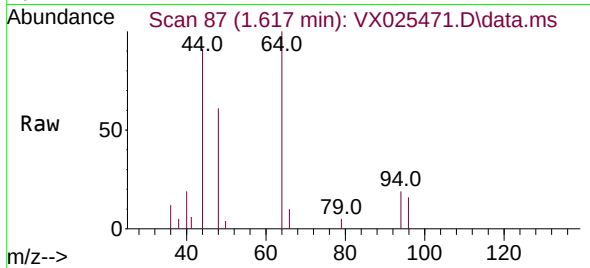




#5
Bromomethane
Concen: 0.563 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

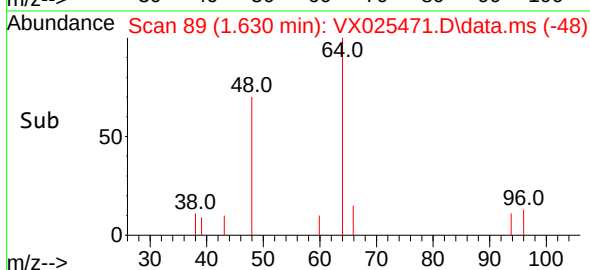
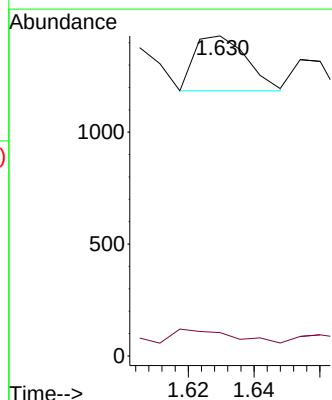
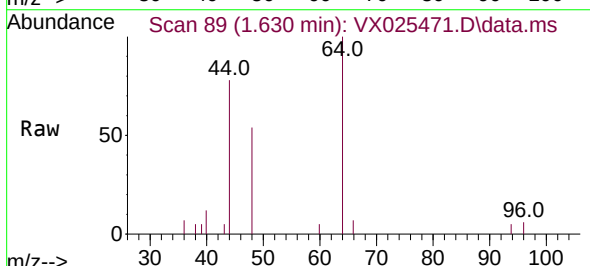
Instrument :
MSVOA_X
ClientSampleId :

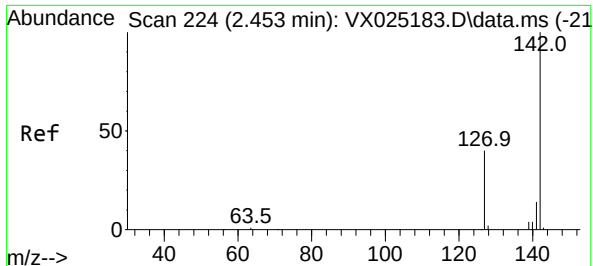
Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 81.2 74.8 112.2



#6
Chloroethane
Concen: 0.298 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.049 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

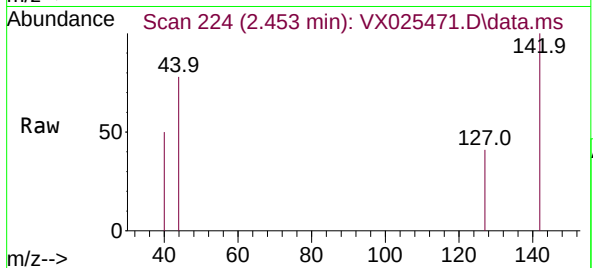
Tgt Ion: 64 Resp: 270
Ion Ratio Lower Upper
64 100
66 18.8 25.6 38.4#



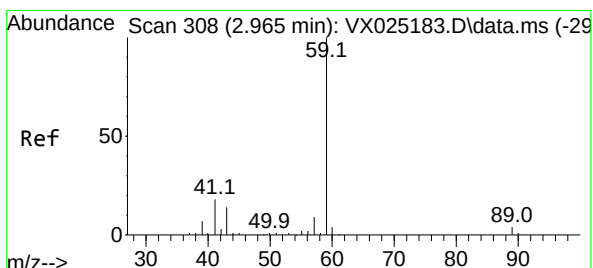
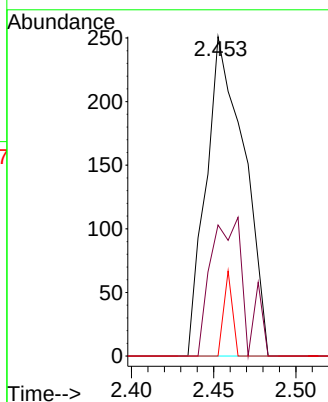
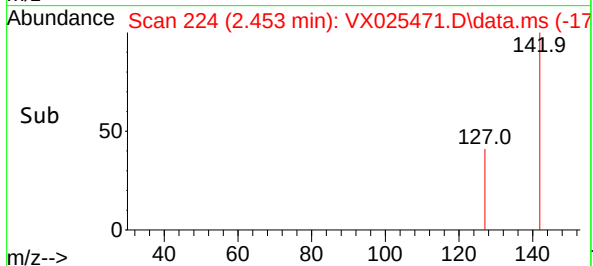


#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

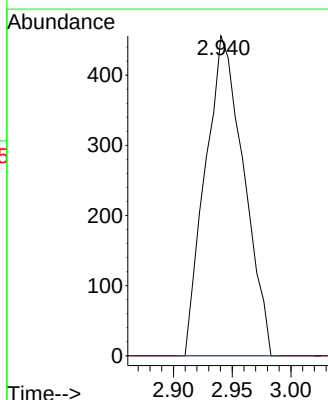
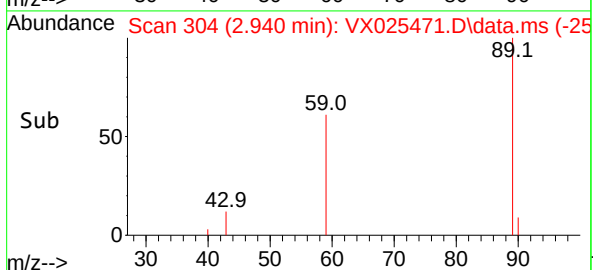
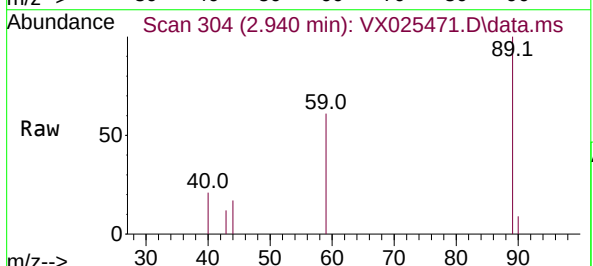


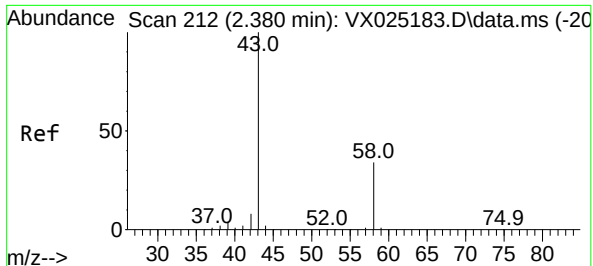
Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
142 100
127 38.6 38.9 58.3#
141 6.2 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

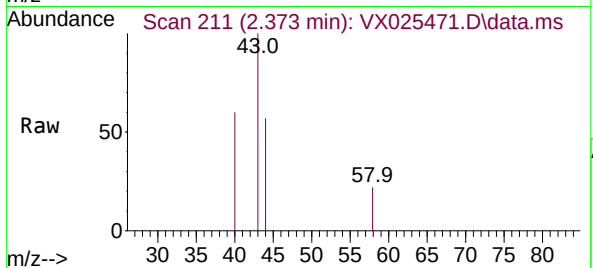
Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



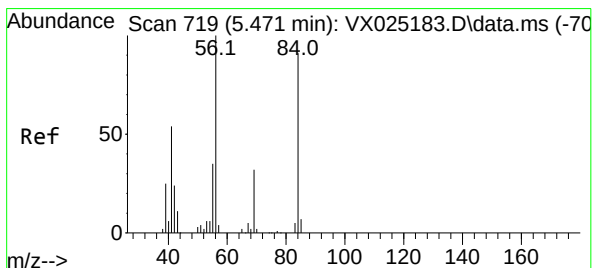
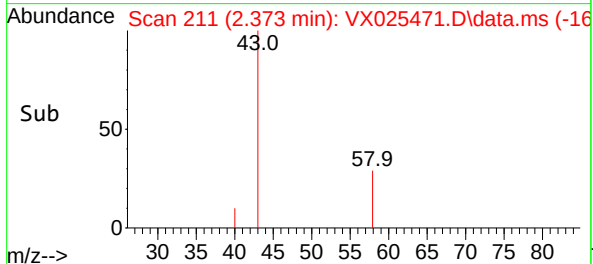
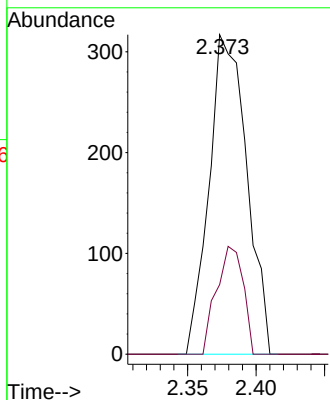


#16
Acetone
Concen: 0.927 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

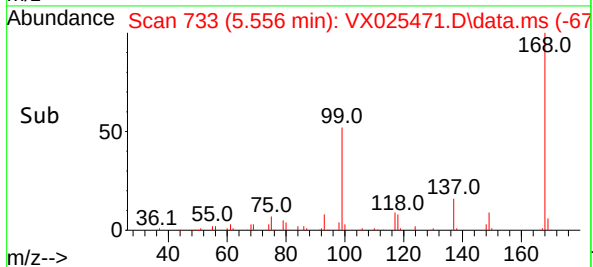
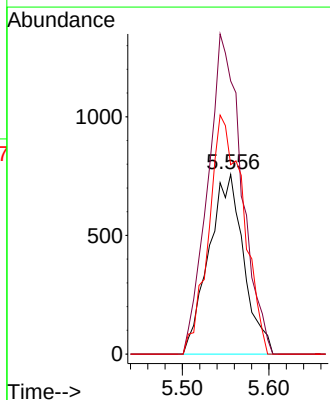
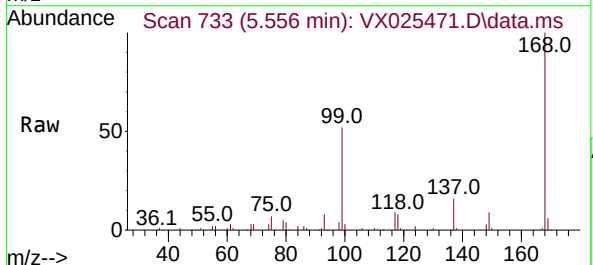


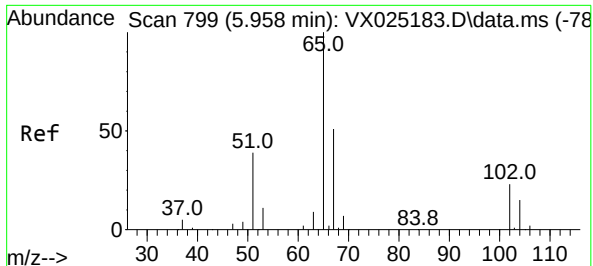
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 21.8 24.0 36.0#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Tgt Ion: 56 Resp: 2121
Ion Ratio Lower Upper
56 100
69 152.0 24.2 36.2#
84 105.4 71.5 107.3





#33

1,2-Dichloroethane-d4

Concen: 55.679 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX025471.D

Acq: 03 Dec 2021 10:42

Instrument :

MSVOA_X

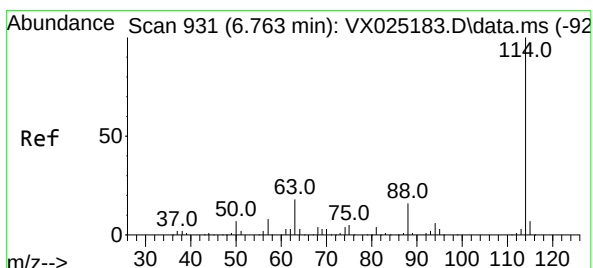
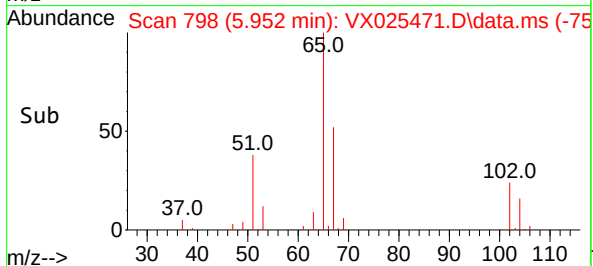
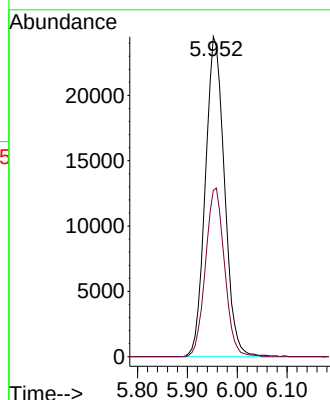
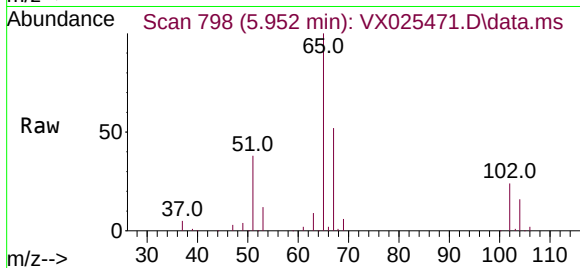
ClientSampleId :

Tgt Ion: 65 Resp: 65373

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025471.D

Acq: 03 Dec 2021 10:42

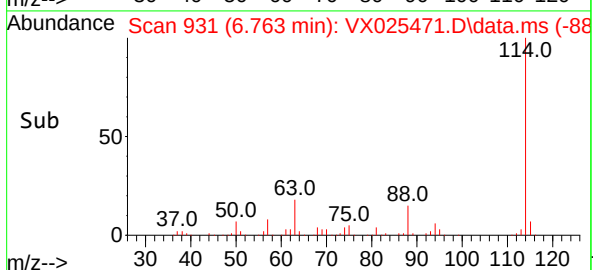
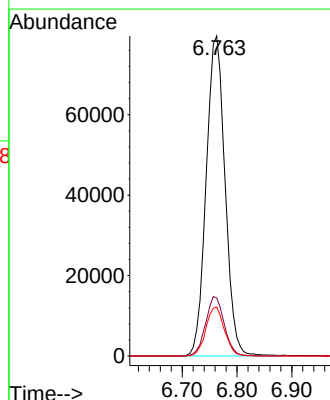
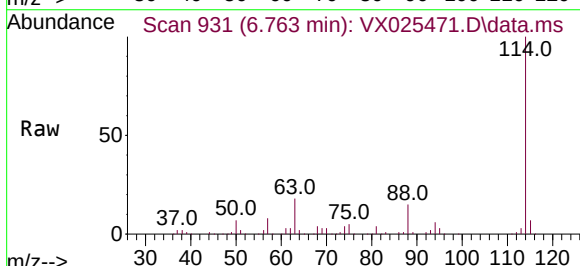
Tgt Ion: 114 Resp: 189836

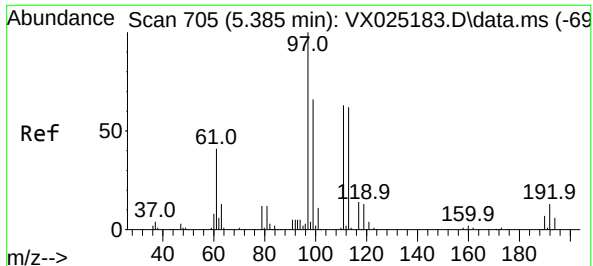
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 15.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.050 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

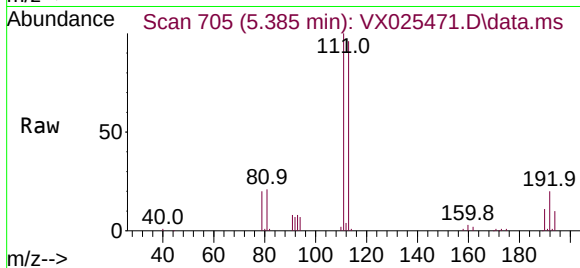
Lab File: VX025471.D

Acq: 03 Dec 2021 10:42

Instrument :

MSVOA_X

ClientSampleId :



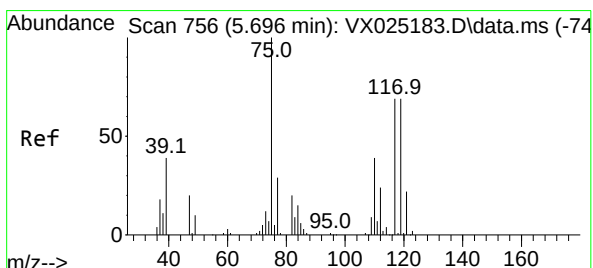
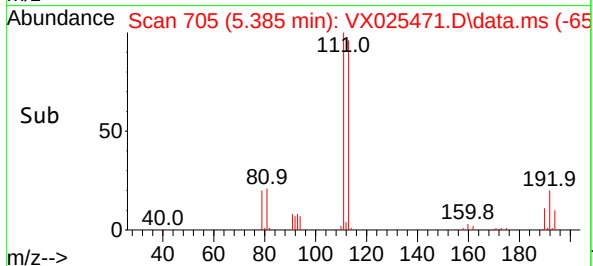
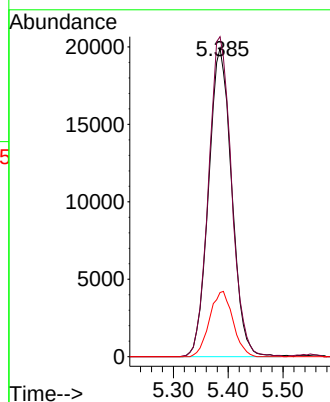
Tgt Ion:113 Resp: 58297

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 21.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.744 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX025471.D

Acq: 03 Dec 2021 10:42

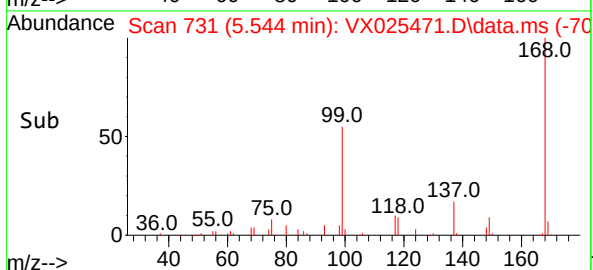
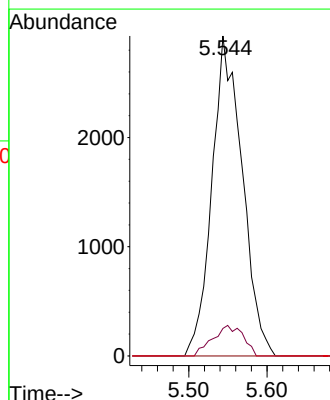
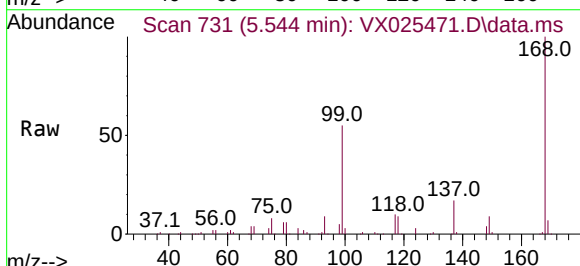
Tgt Ion: 75 Resp: 7857

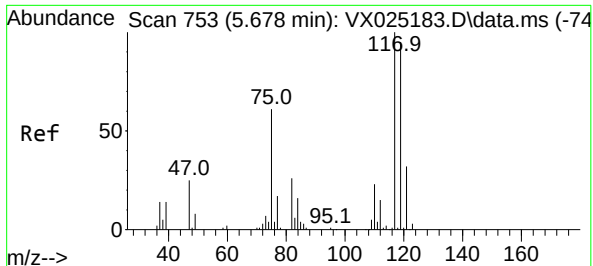
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.3#

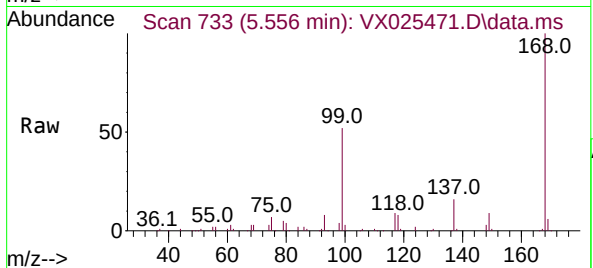
77 0.0 24.4 36.6#



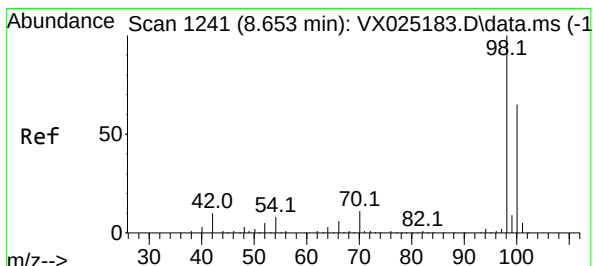
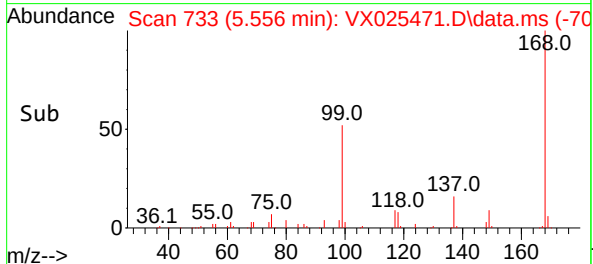
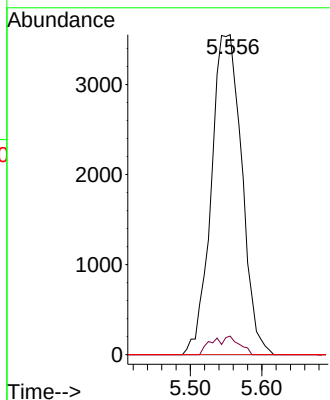


#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

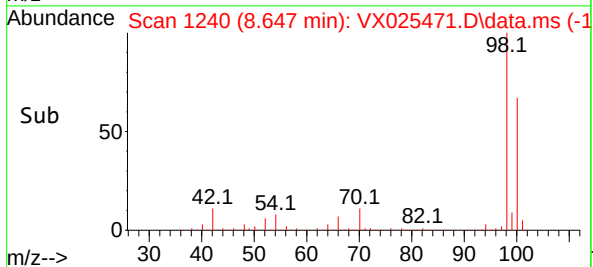
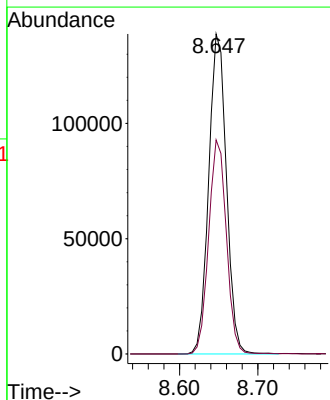
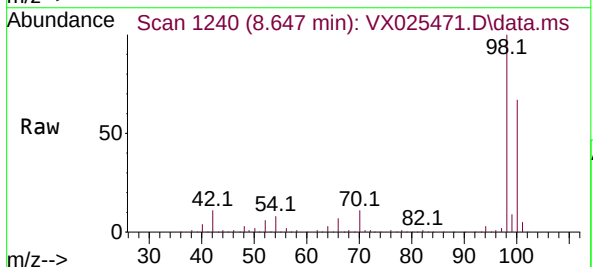


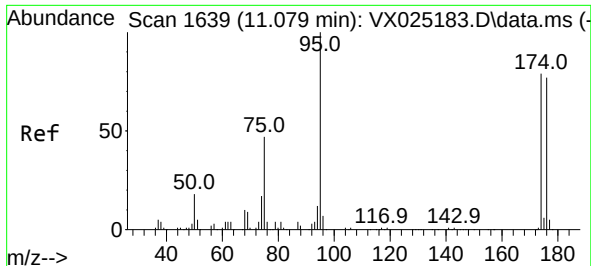
Tgt Ion:117 Resp: 10534
Ion Ratio Lower Upper
117 100
119 5.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.710 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Tgt Ion: 98 Resp: 217700
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0

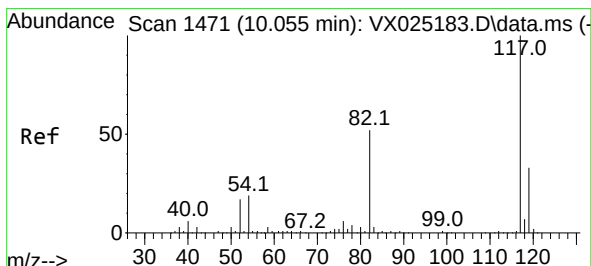
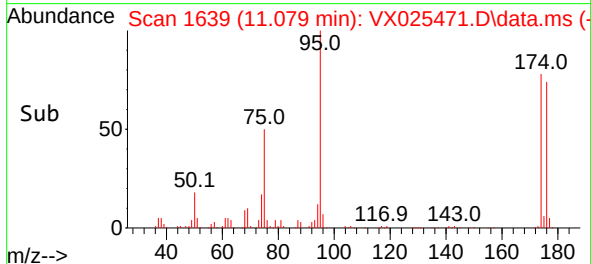
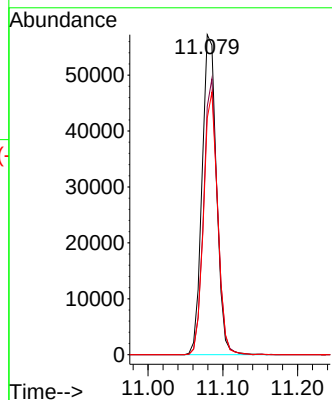
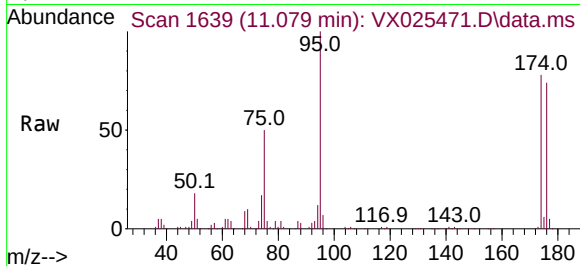




#62
4-Bromofluorobenzene
Concen: 46.256 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

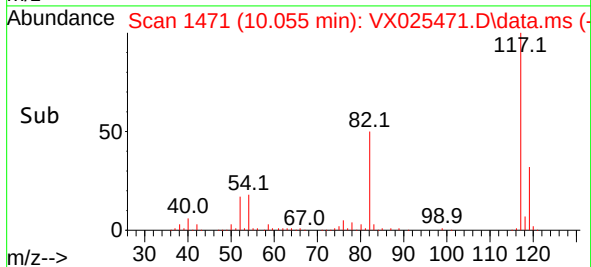
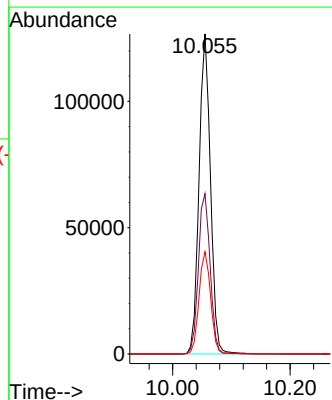
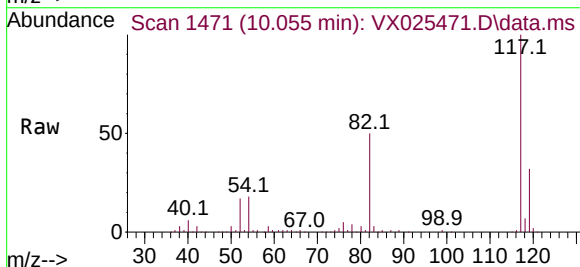
Instrument :
MSVOA_X
ClientSampleId :

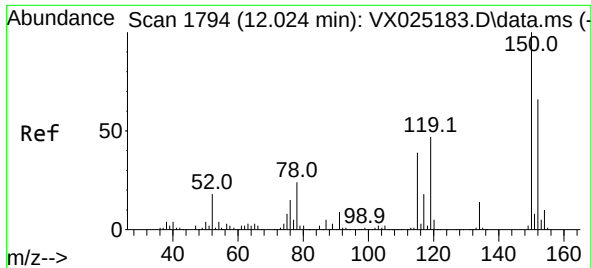
Tgt Ion: 95 Resp: 76636
Ion Ratio Lower Upper
95 100
174 82.7 0.0 158.0
176 80.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

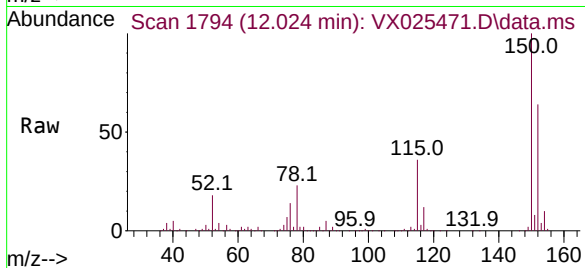
Tgt Ion: 117 Resp: 170338
Ion Ratio Lower Upper
117 100
82 50.1 44.6 67.0
119 32.0 24.8 37.2



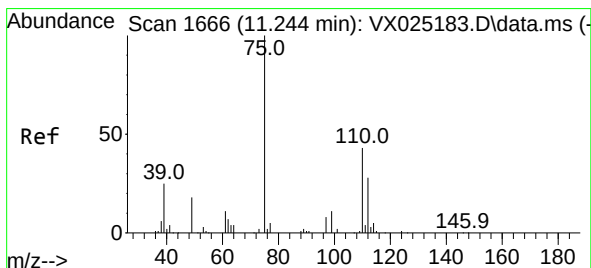
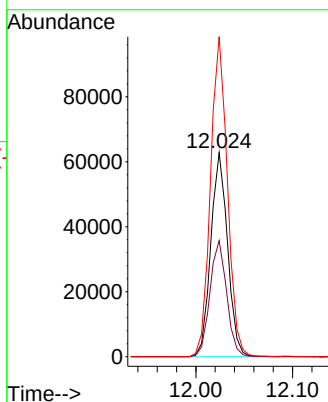
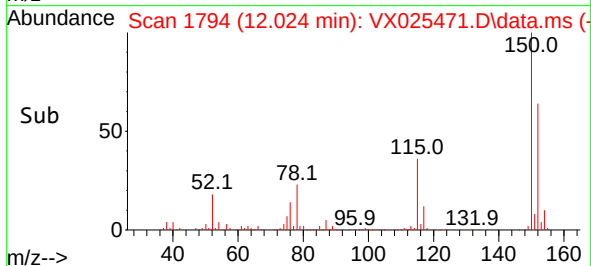


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025471.D
 Acq: 03 Dec 2021 10:42

Instrument :
 MSVOA_X
 ClientSampleId :

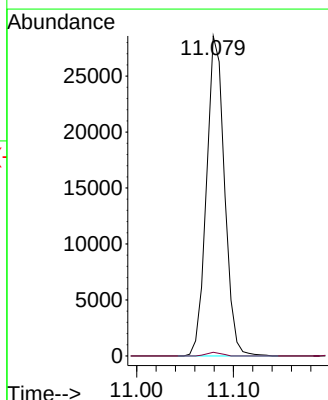
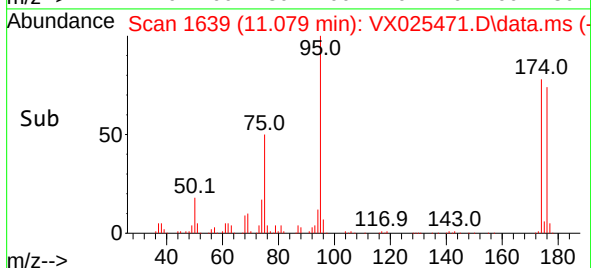
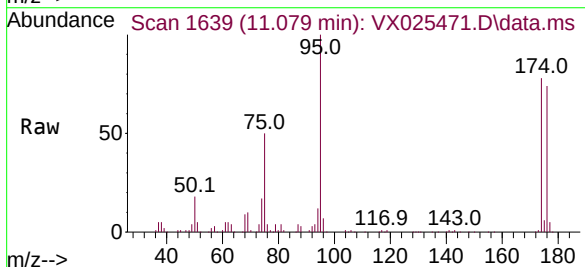


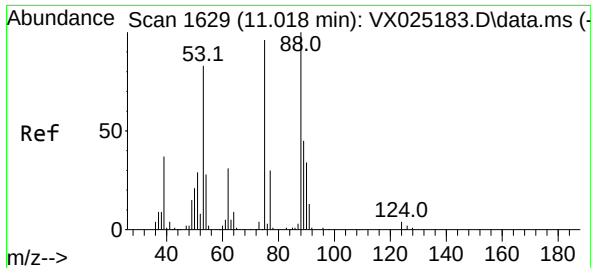
Tgt Ion:152 Resp: 75713
 Ion Ratio Lower Upper
 152 100
 115 56.8 43.3 129.8
 150 157.7 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 23.891 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025471.D
 Acq: 03 Dec 2021 10:42

Tgt Ion: 75 Resp: 37041
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#

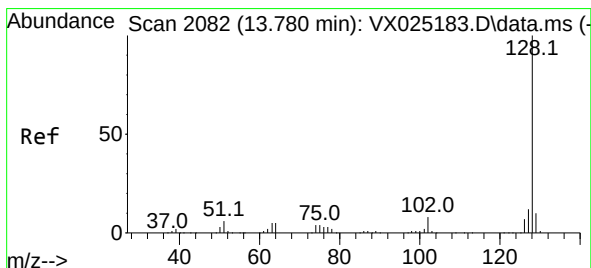
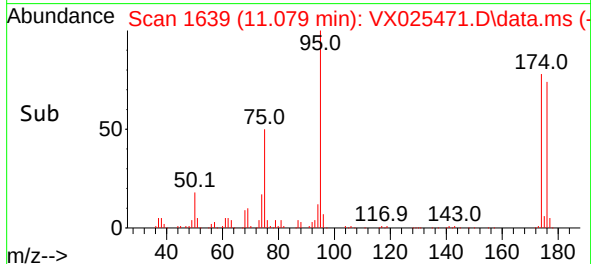
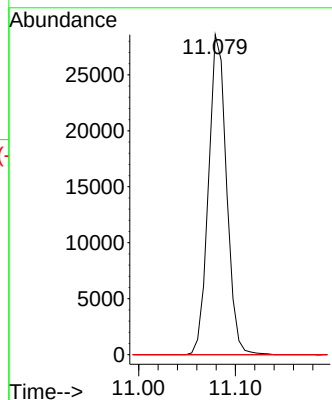
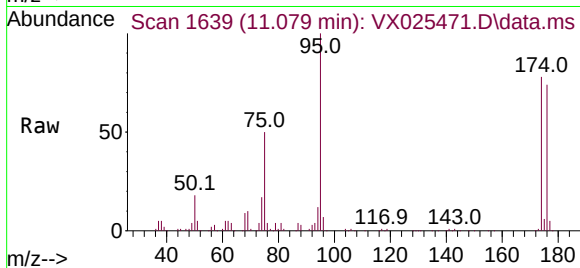




#81
trans-1,4-Dichloro-2-butene
Concen: 60.184 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37041
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025471.D
Acq: 03 Dec 2021 10:42

Tgt Ion:128 Resp: 424
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

