

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028261.D
 Acq On : 21 Apr 2022 23:44
 Operator : JC/MD
 Sample : VX0421MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL02

Quant Time: Apr 22 06:23:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

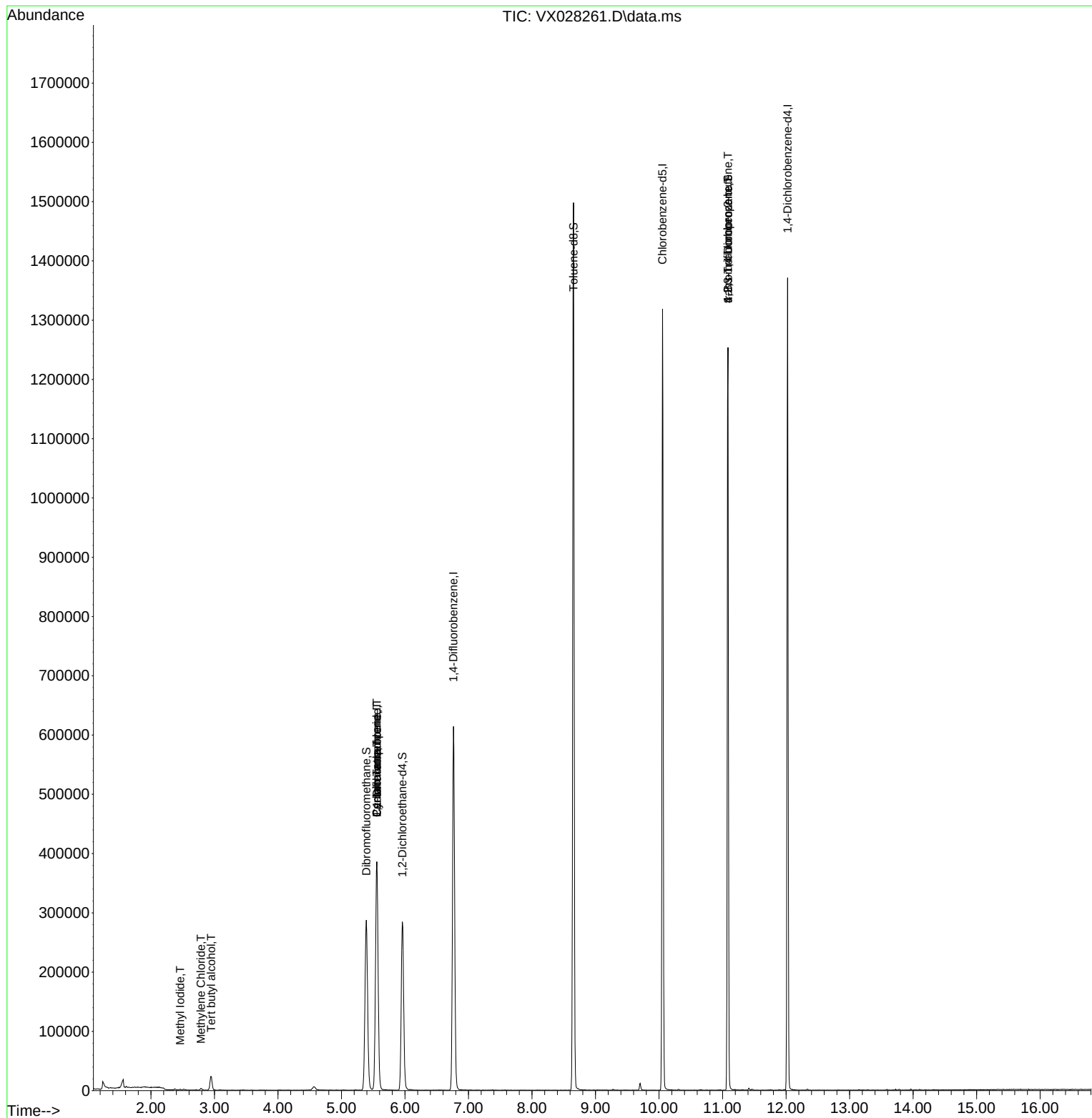
Internal Standards						
1) Pentafluorobenzene	5.556	168	376676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	647068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	609261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	271825	55.346	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.700%			
35) Dibromofluoromethane	5.391	113	248258	54.708	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.420%			
50) Toluene-d8	8.653	98	900731	51.680	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.360%			
62) 4-Bromofluorobenzene	11.085	95	324793	48.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.480%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	408	Below Cal		96
5) Bromomethane	1.611	94	1080	Below Cal		95
6) Chloroethane	1.691	64	593	Below Cal	#	43
8) Diethyl Ether	1.904	74	27	Below Cal	#	1
10) Methyl Iodide	2.459	142	1302	5.514	ug/l	94
11) Tert butyl alcohol	2.946	59	13175	4.242	ug/l #	76
16) Acetone	2.380	43	2063	Below Cal		92
20) Methylene Chloride	2.788	84	1433	0.393	ug/l #	82
31) Cyclohexane	5.556	56	7106	1.188	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	28322	4.785	ug/l #	50
38) Carbon Tetrachloride	5.556	117	37362	5.591	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	163259	29.229	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	163259	86.862	ug/l #	15

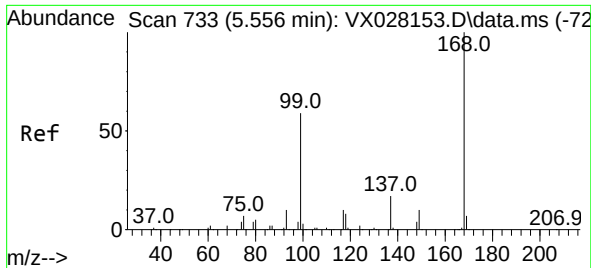
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
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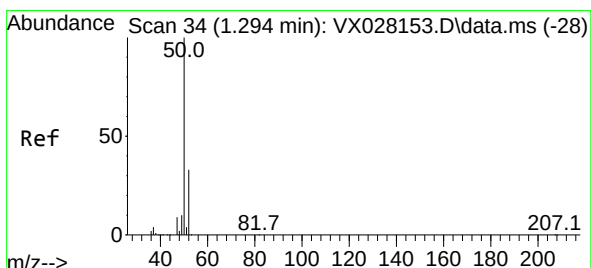
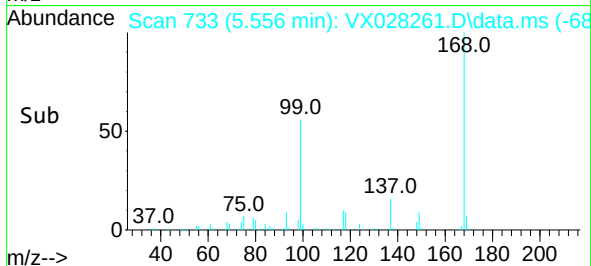
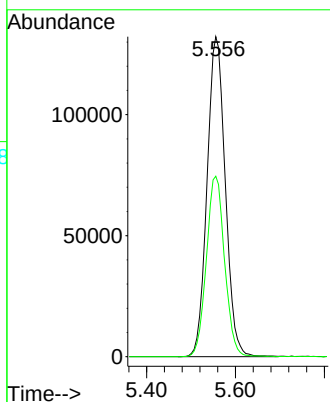
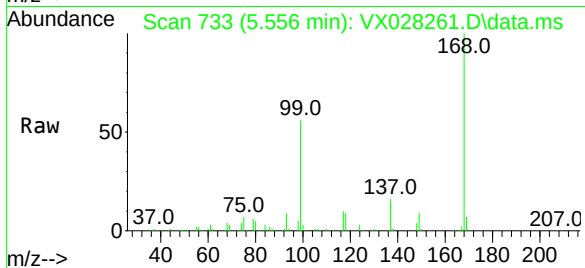




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

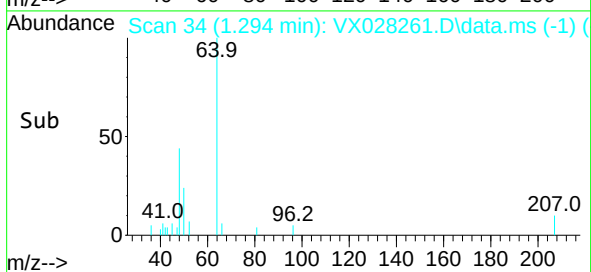
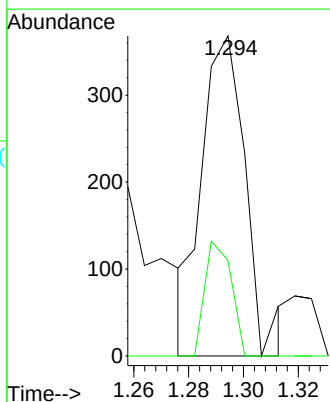
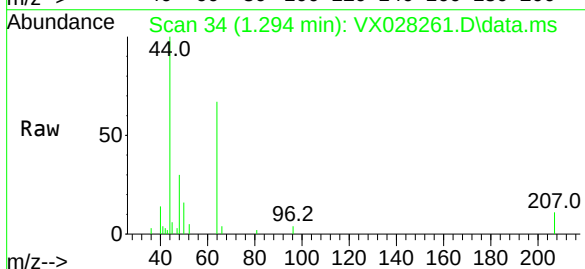
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

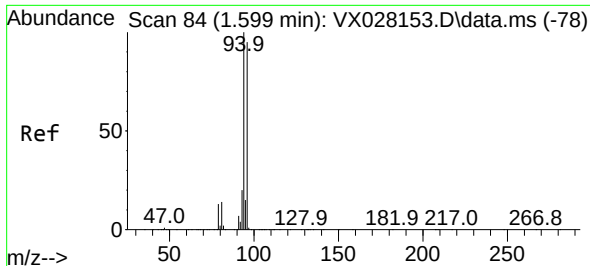
Tgt Ion:168 Resp: 376676
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 35.4 26.4 39.6

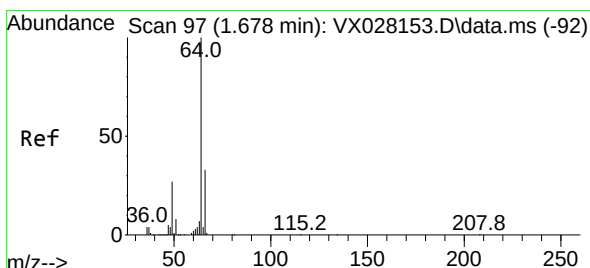
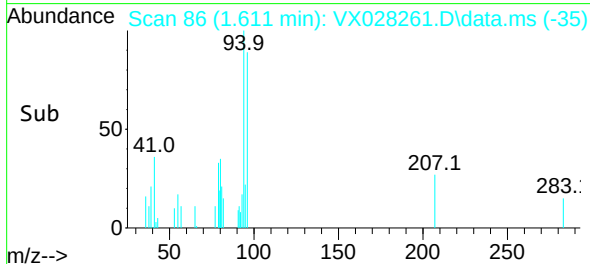
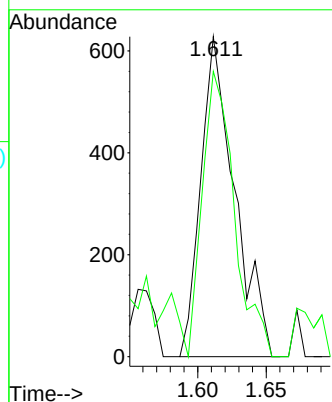
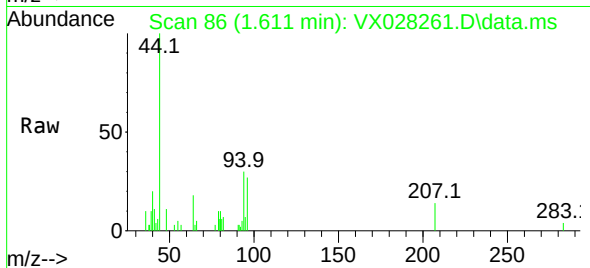




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

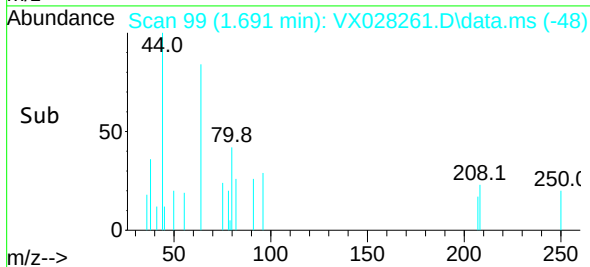
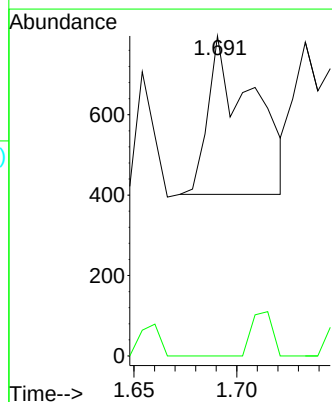
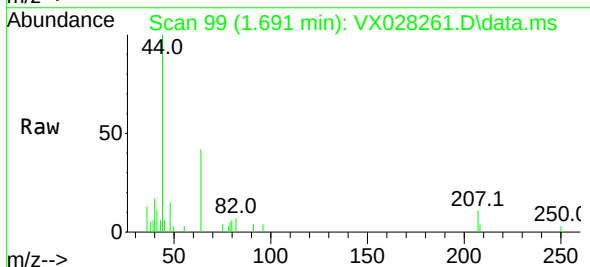
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

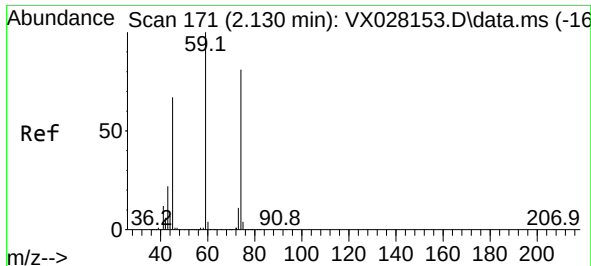
Tgt Ion: 94 Resp: 1080
Ion Ratio Lower Upper
94 100
96 89.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

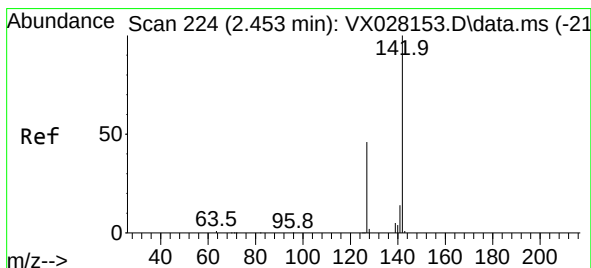
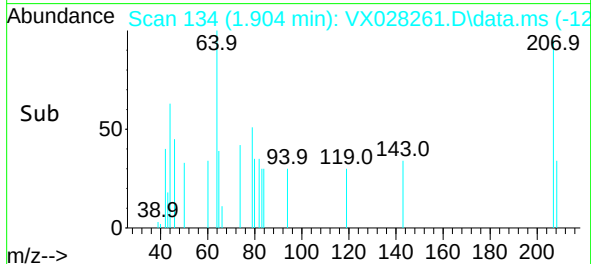
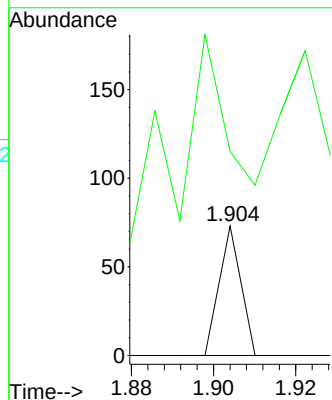
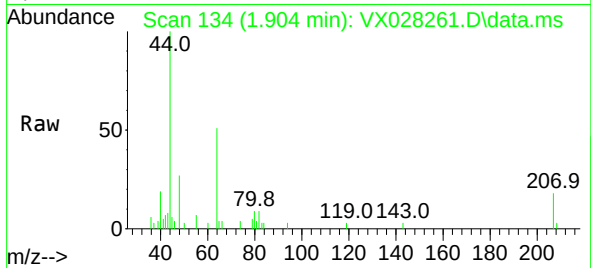




#8
Diethyl Ether
Concen: Below Cal
RT: 1.904 min Scan# 11
Delta R.T. -0.226 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

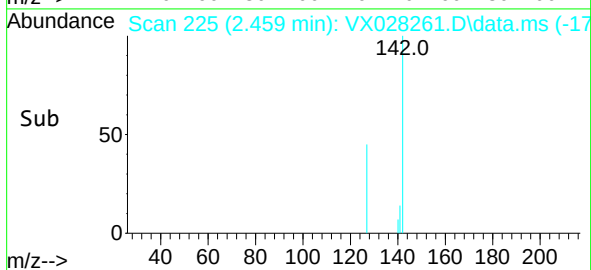
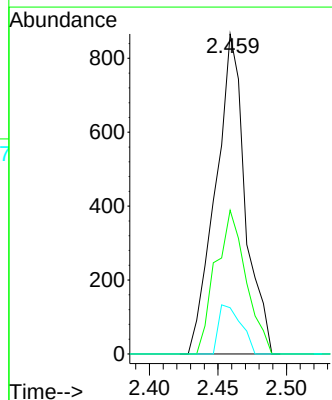
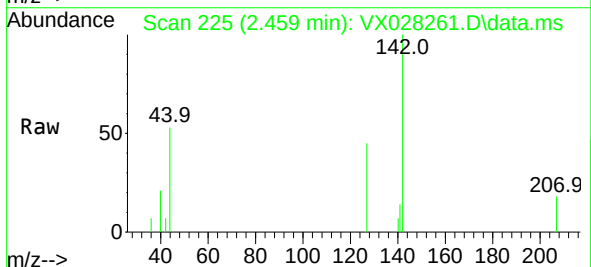
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

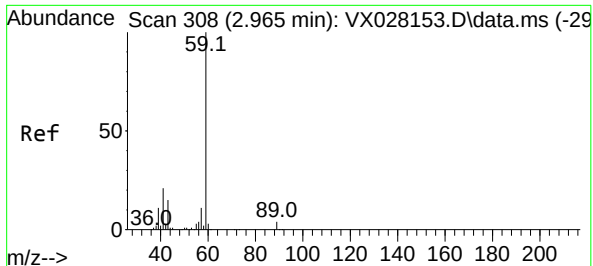
Tgt Ion: 74 Resp: 27
Ion Ratio Lower Upper
74 100
45 392.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.514 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 142 Resp: 1302
Ion Ratio Lower Upper
142 100
127 46.2 33.9 50.9
141 11.5 11.4 17.2

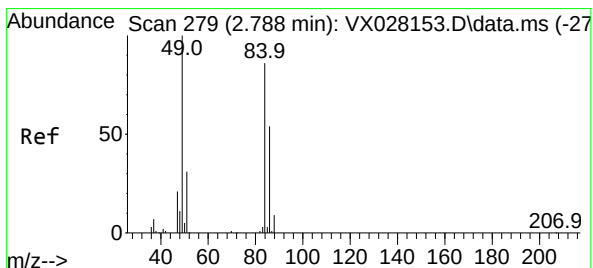
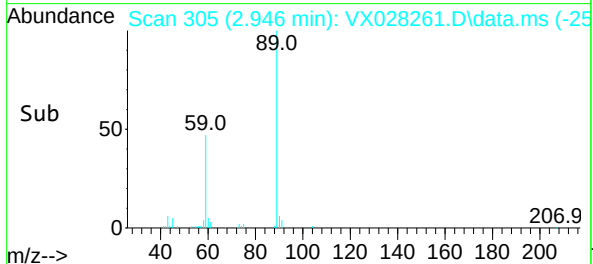
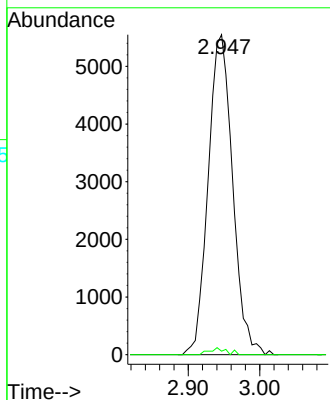
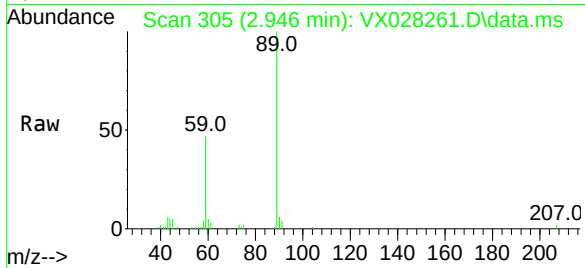




#11
Tert butyl alcohol
Concen: 4.242 ug/l
RT: 2.946 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

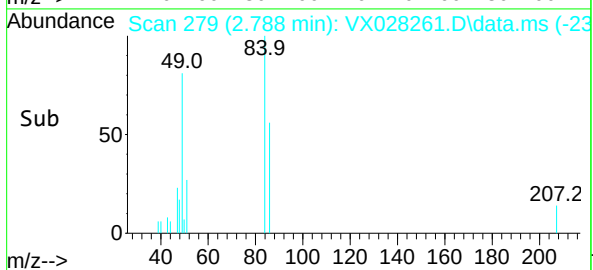
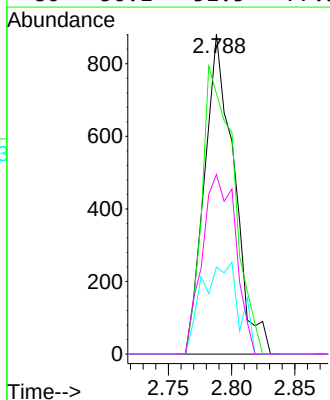
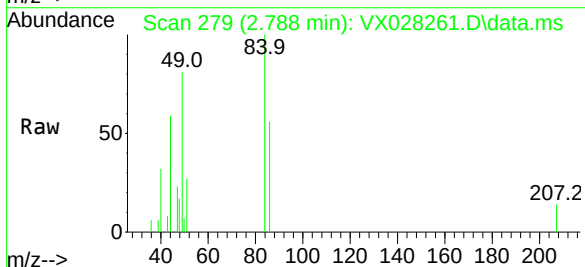
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

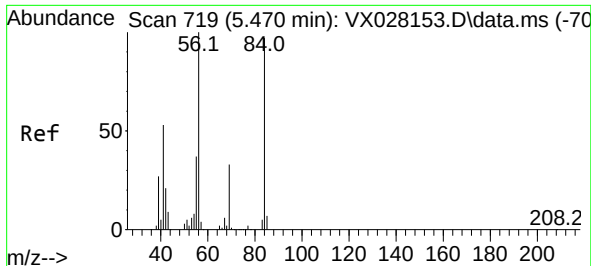
Tgt Ion: 59 Resp: 13175
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5#



#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 84 Resp: 1433
Ion Ratio Lower Upper
84 100
49 81.4 85.5 128.3#
51 27.2 26.6 39.8
86 56.1 51.5 77.3

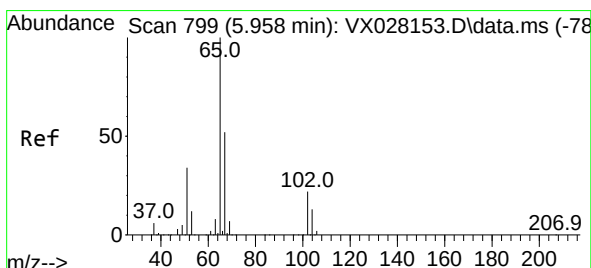
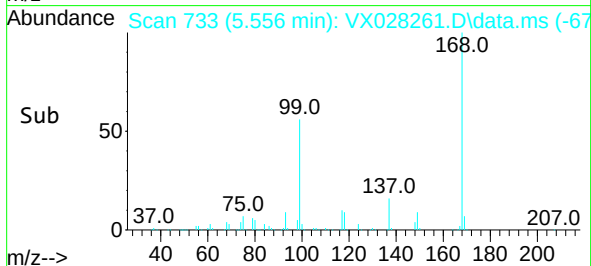
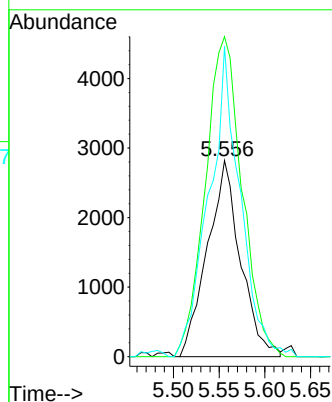
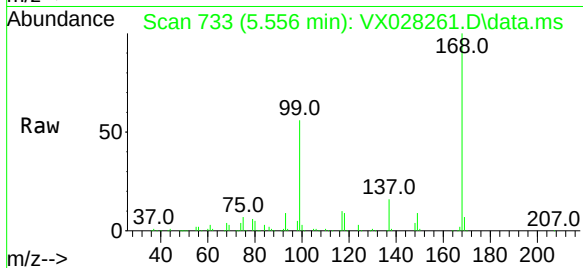




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

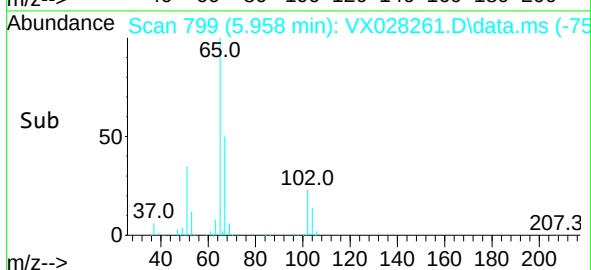
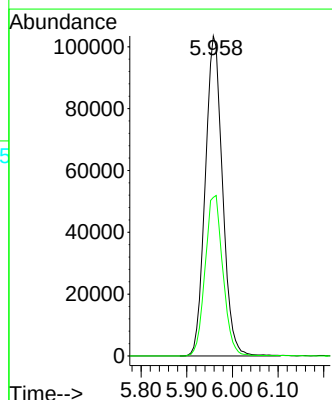
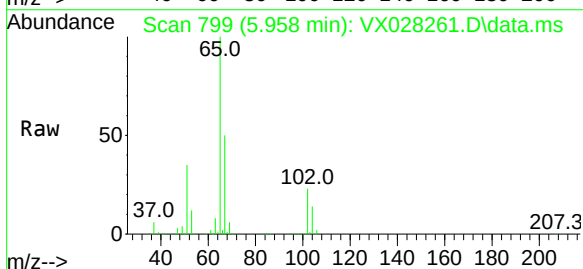
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

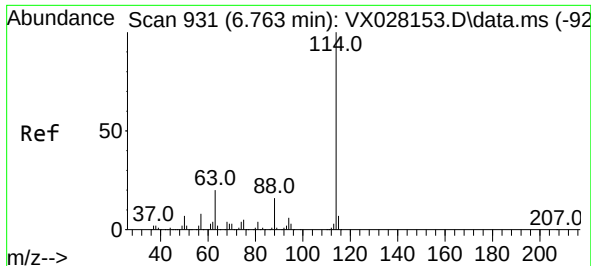
Tgt Ion: 56 Resp: 7106
Ion Ratio Lower Upper
56 100
69 161.3 26.7 40.1#
84 153.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.346 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

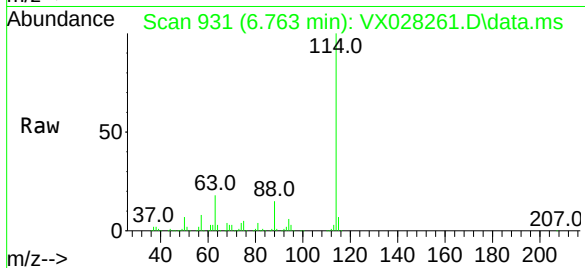
Tgt Ion: 65 Resp: 271825
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4



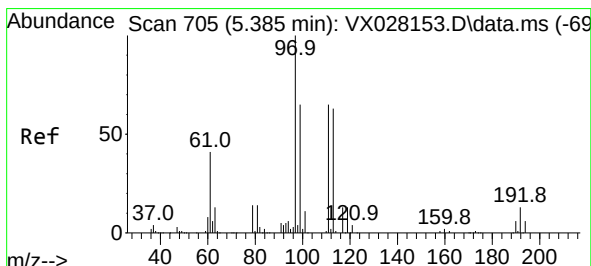
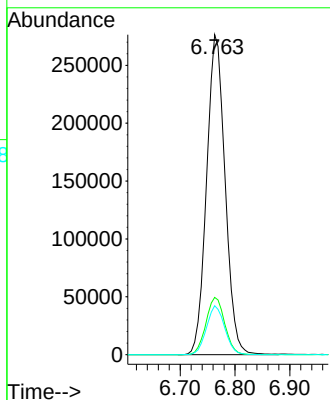
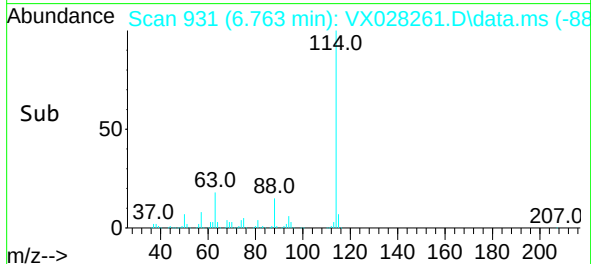


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Instrument :
MSVOA_X
ClientSampleId :
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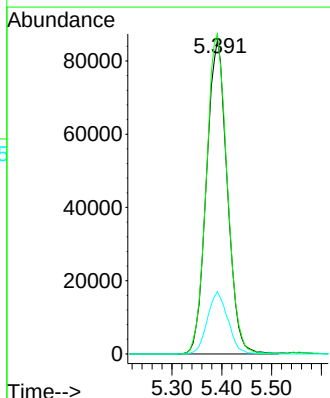
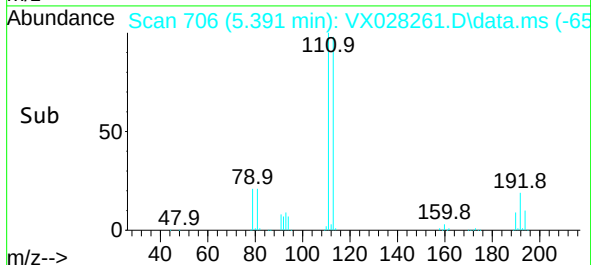
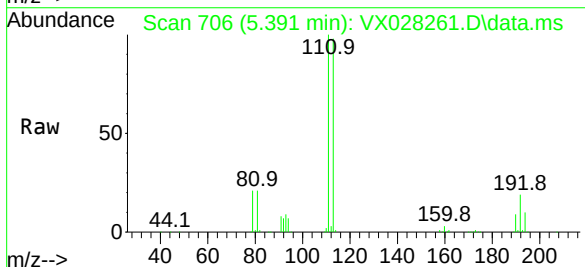


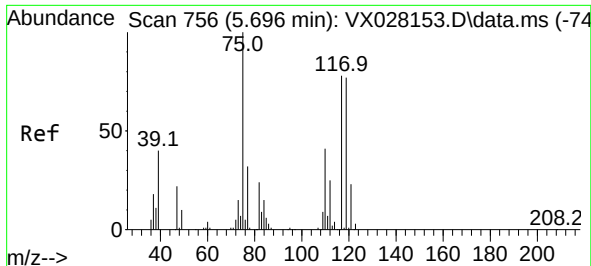
Tgt Ion:114 Resp: 647068
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 54.708 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion:113 Resp: 248258
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.5 16.9 25.3

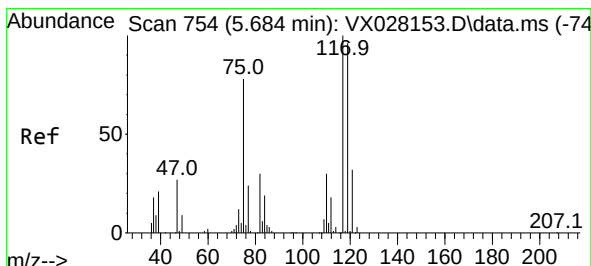
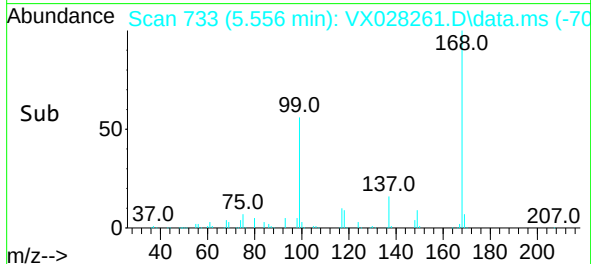
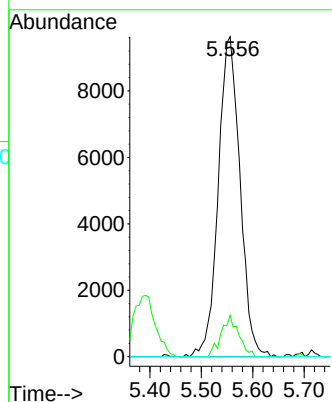
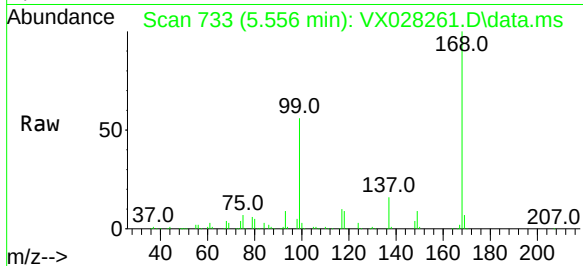




#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

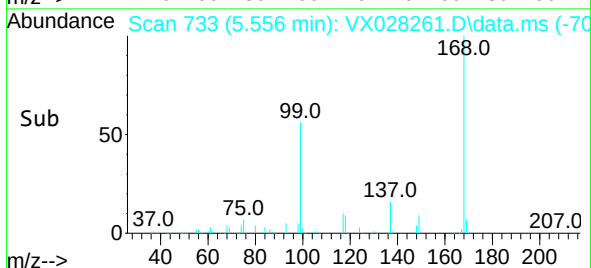
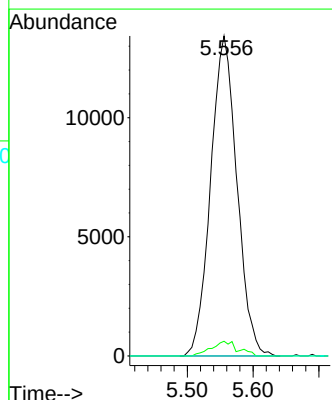
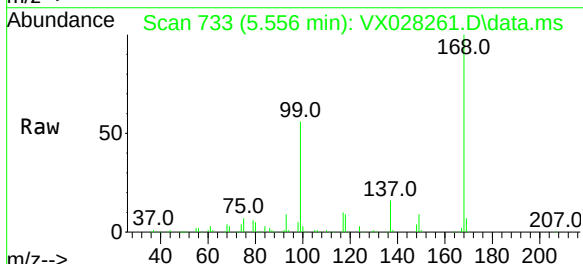
Instrument :
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VX0421MBL02

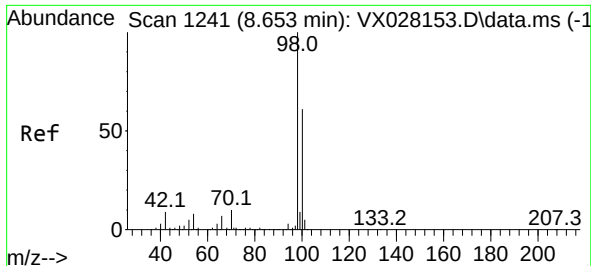
Tgt Ion: 75 Resp: 28322
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 117 Resp: 37362
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

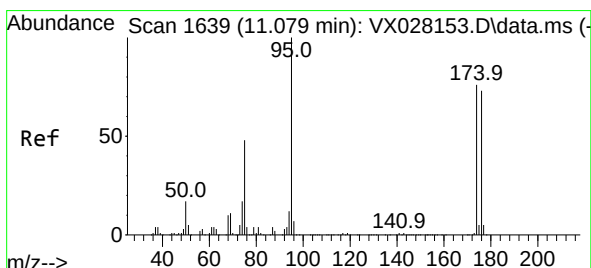
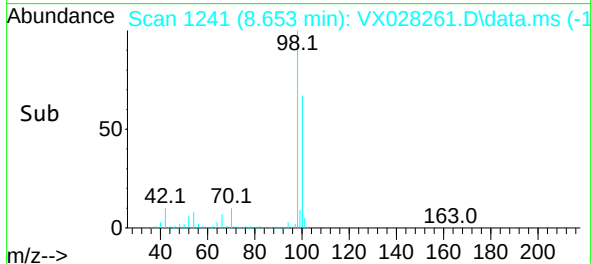
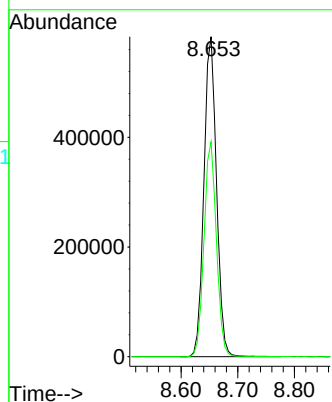
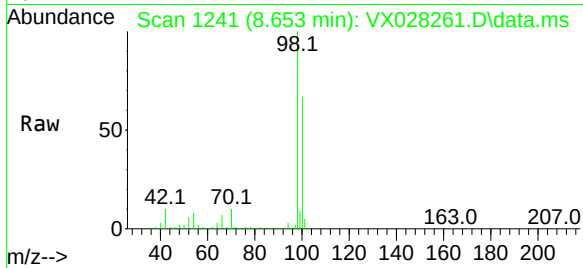




#50
Toluene-d8
Concen: 51.680 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

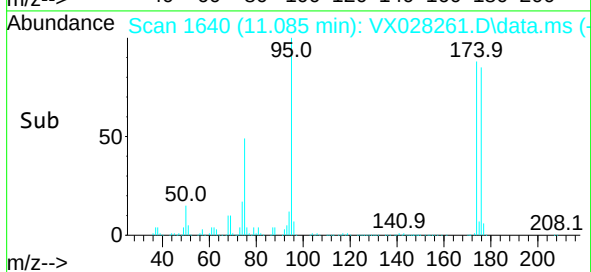
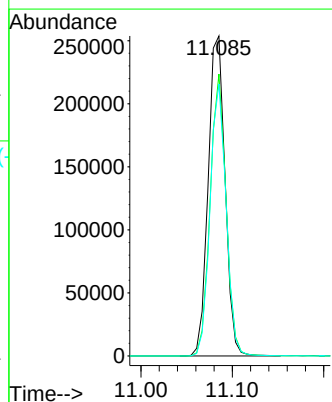
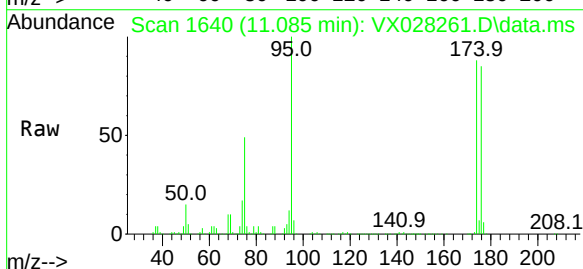
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

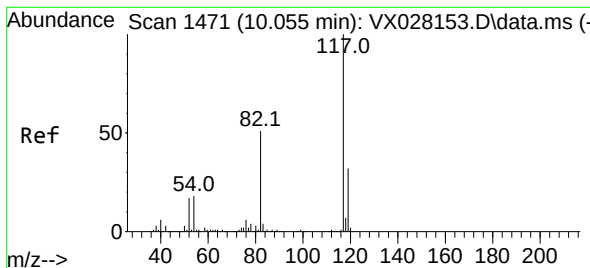
Tgt Ion: 98 Resp: 900731
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.738 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 95 Resp: 324793
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 81.1 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028261.D

Acq: 21 Apr 2022 23:44

Instrument :

MSVOA_X

ClientSampleId :

VX0421MBL02

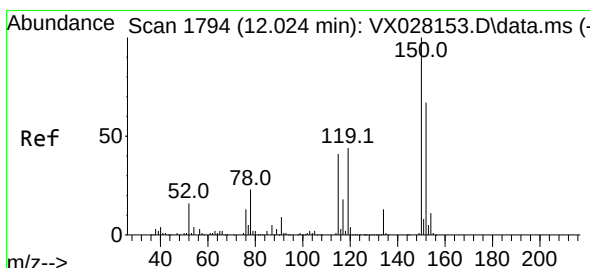
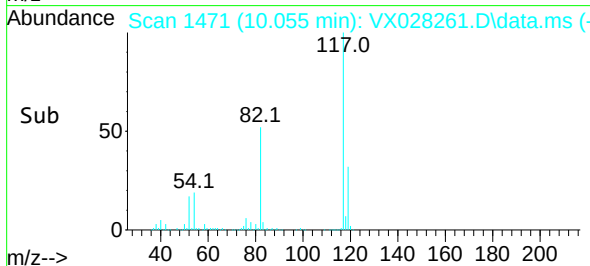
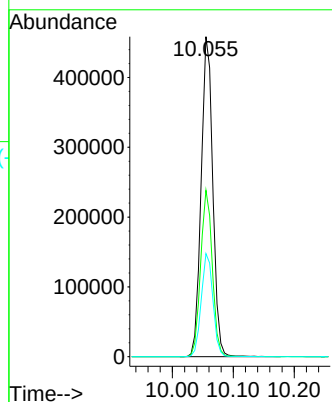
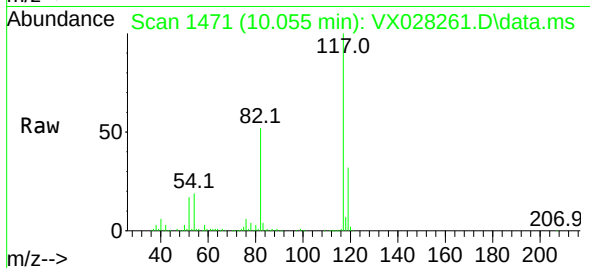
Tgt Ion:117 Resp: 609261

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

119 32.2 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028261.D

Acq: 21 Apr 2022 23:44

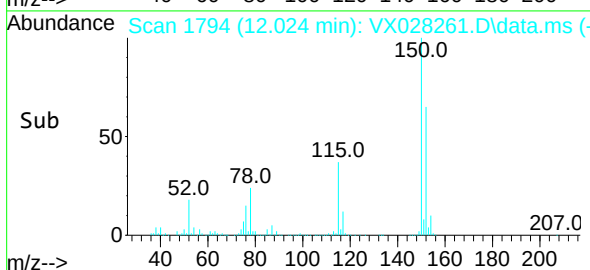
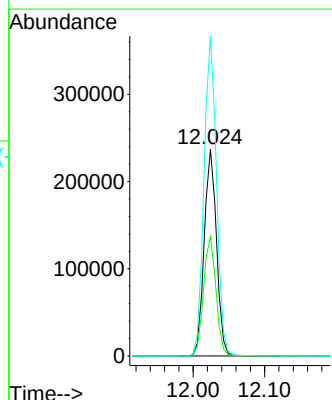
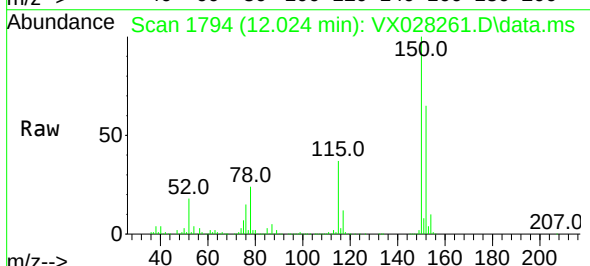
Tgt Ion:152 Resp: 283805

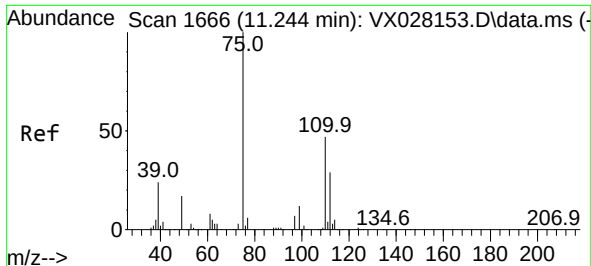
Ion Ratio Lower Upper

152 100

115 58.3 37.5 112.7

150 156.9 0.0 338.2

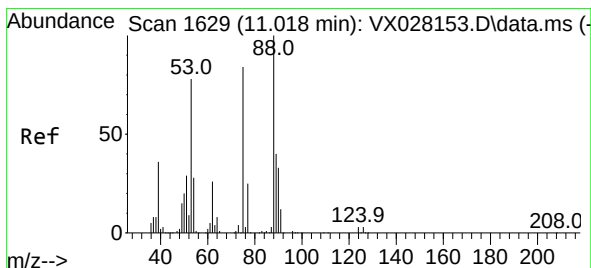
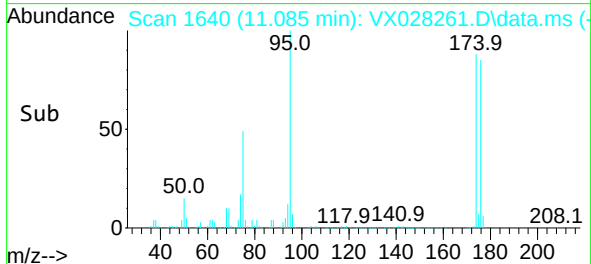
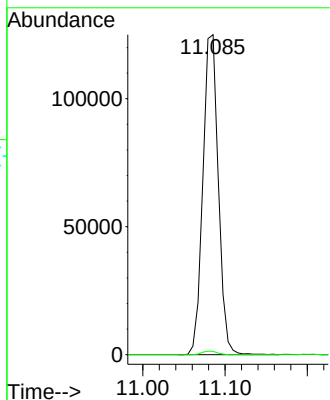
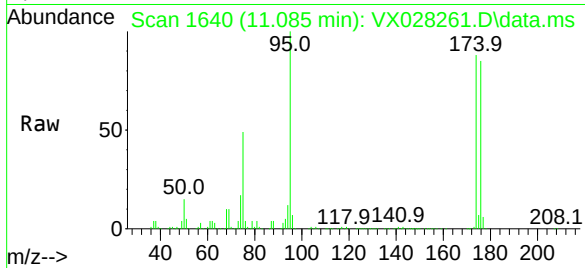




#76
1,2,3-Trichloropropane
Concen: 29.229 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL02

Tgt Ion: 75 Resp: 163259
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.862 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028261.D
Acq: 21 Apr 2022 23:44

Tgt Ion: 75 Resp: 163259
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

