

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032861.D
 Acq On : 16 Nov 2022 12:30
 Operator : JC/MD
 Sample : VX1116WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:41:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

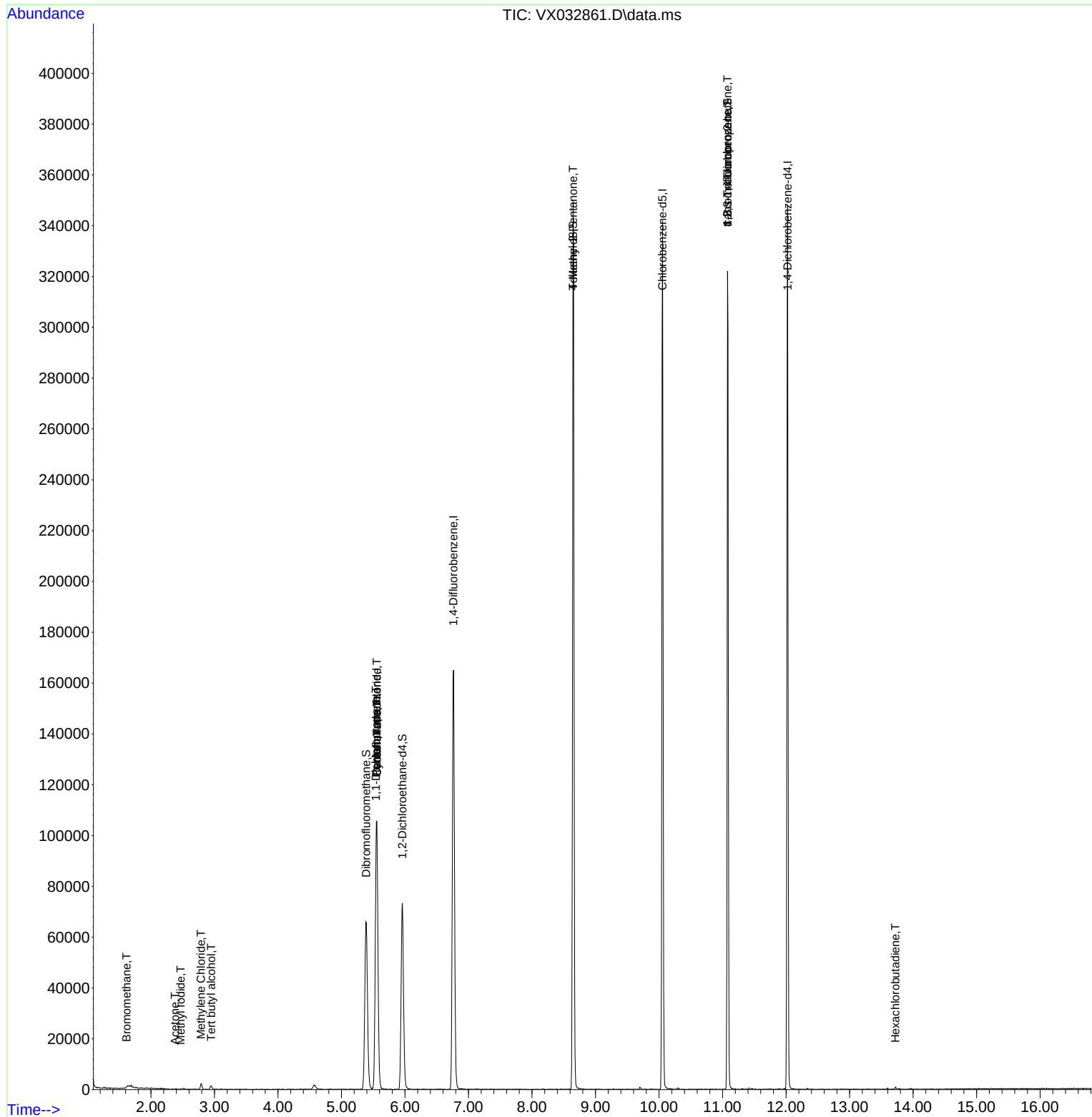
Internal Standards						
1) Pentafluorobenzene	5.550	168	101992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73141	51.611	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.220%			
35) Dibromofluoromethane	5.385	113	57082	47.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.960%			
50) Toluene-d8	8.647	98	208285	49.828	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.079	95	78542	48.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.200%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	232	0.265	ug/l #	70
10) Methyl Iodide	2.465	142	90	1.987	ug/l #	37
11) Tert butyl alcohol	2.946	59	830	4.024	ug/l #	72
16) Acetone	2.379	43	108	0.210	ug/l #	45
20) Methylene Chloride	2.788	84	1140	0.965	ug/l #	84
31) Cyclohexane	5.556	56	2318	1.349	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	7640	4.564	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10644	5.733	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	969	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43718	27.755	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43718	88.317	ug/l #	6
94) Hexachlorobutadiene	13.719	225	243	0.349	ug/l	97

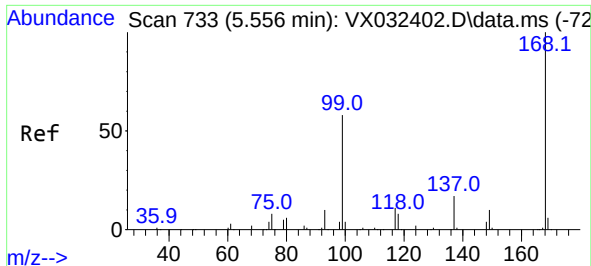
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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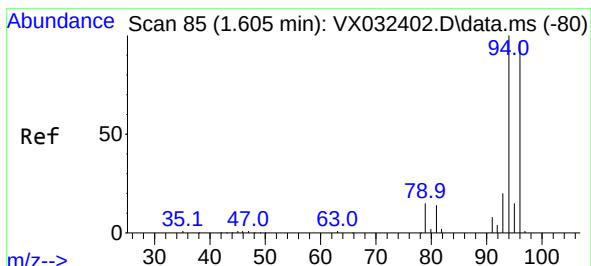
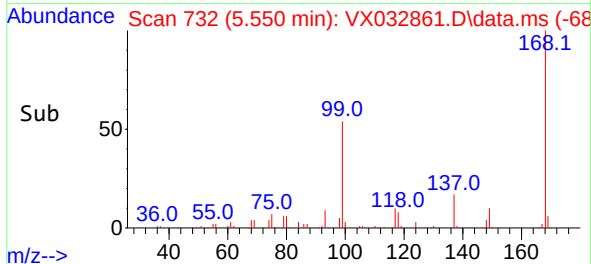
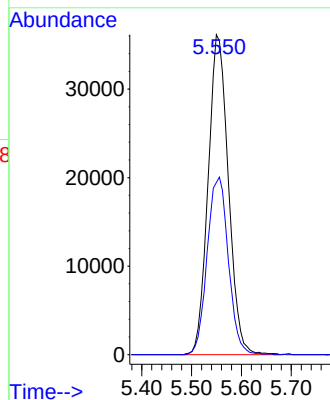
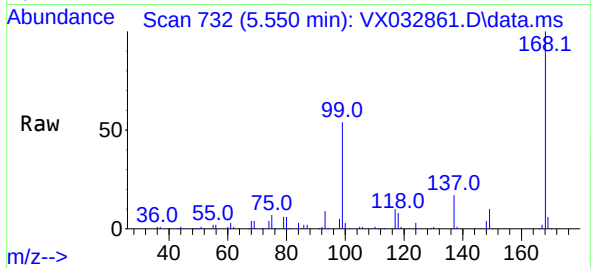




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

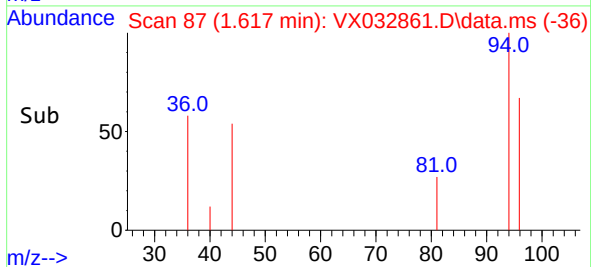
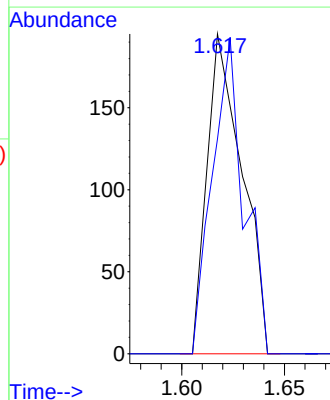
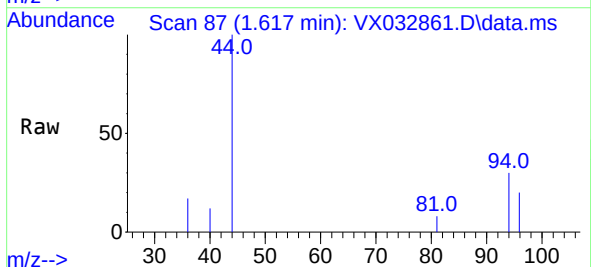
Instrument :
MSVOA_X
ClientSampleId :

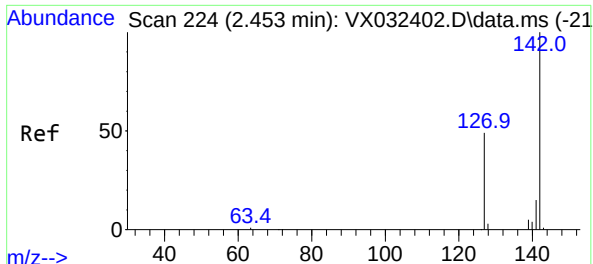
Tgt Ion:168 Resp: 101992
Ion Ratio Lower Upper
168 100
99 53.8 46.1 69.1



#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

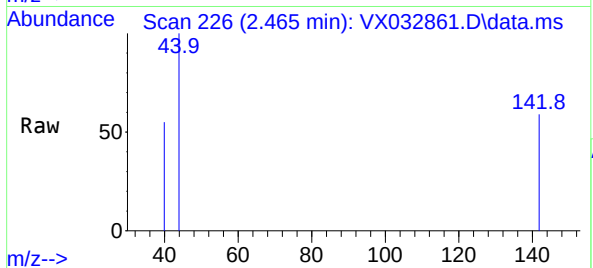
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 67.2 77.6 116.4#



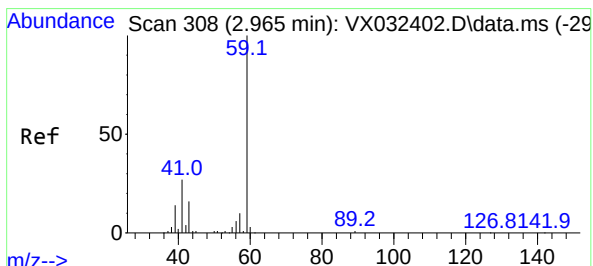
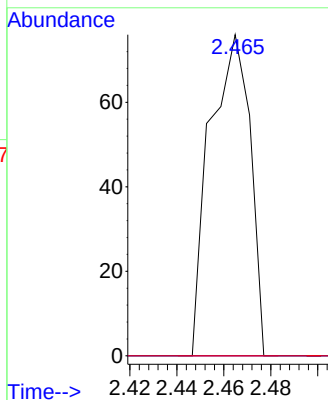
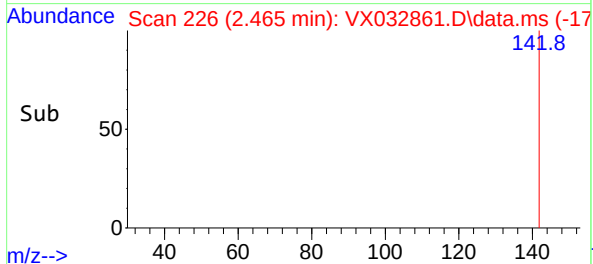


#10
Methyl Iodide
Concen: 1.987 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :

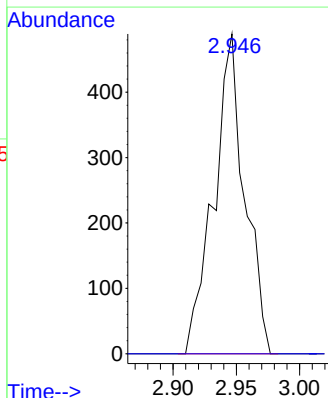
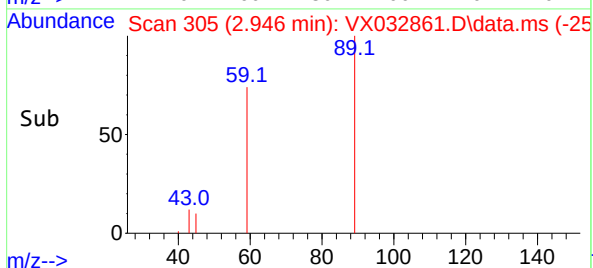
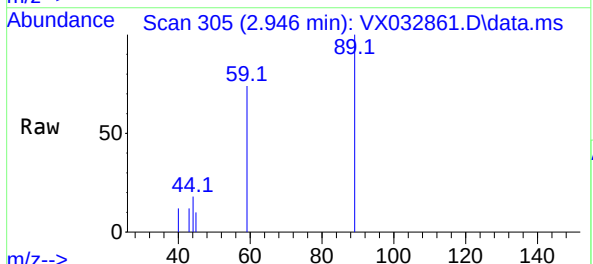


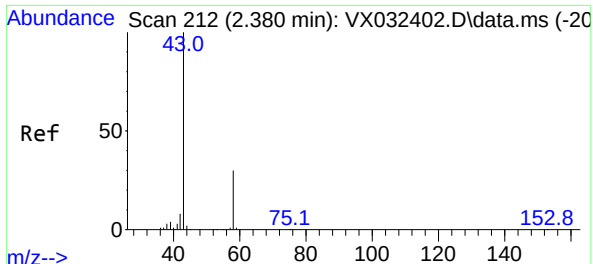
Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.024 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

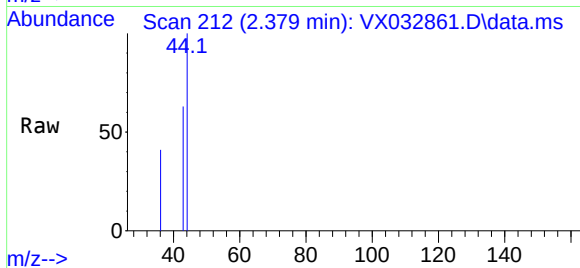
Tgt Ion: 59 Resp: 830
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



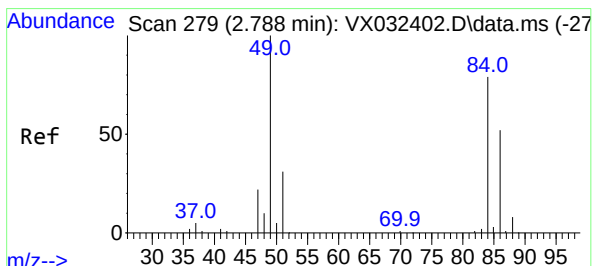
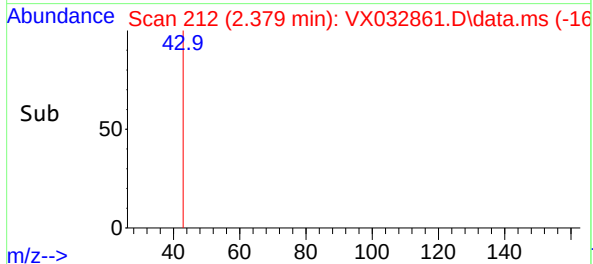
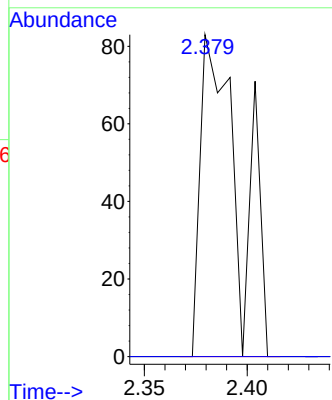


#16
Acetone
Concen: 0.210 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :

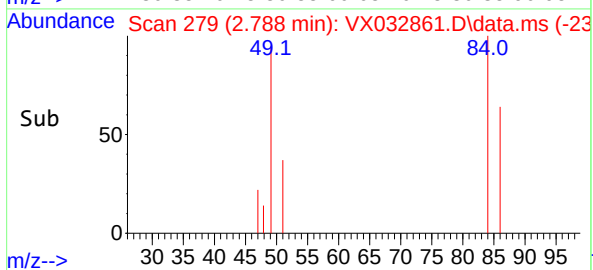
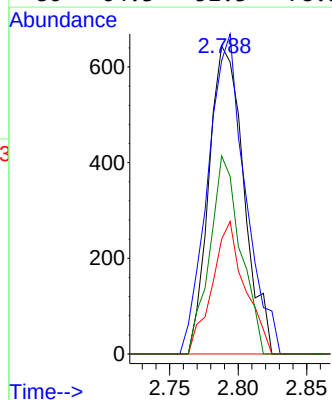
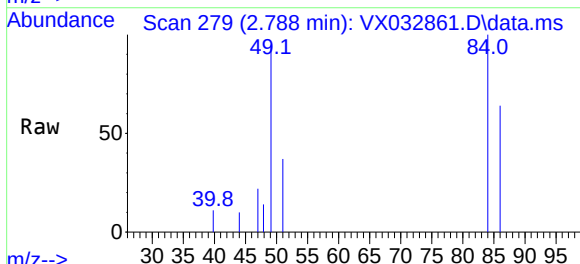


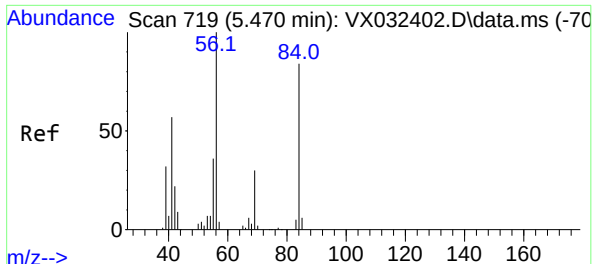
Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.965 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

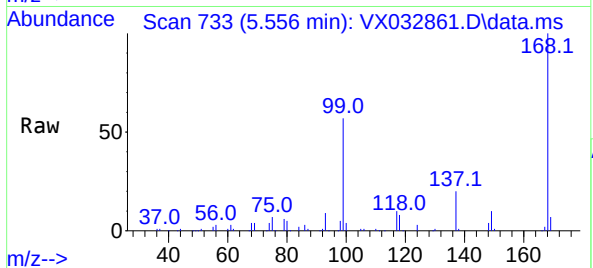
Tgt Ion: 84 Resp: 1140
Ion Ratio Lower Upper
84 100
49 95.2 101.0 151.6#
51 37.3 31.1 46.7
86 64.3 52.3 78.5



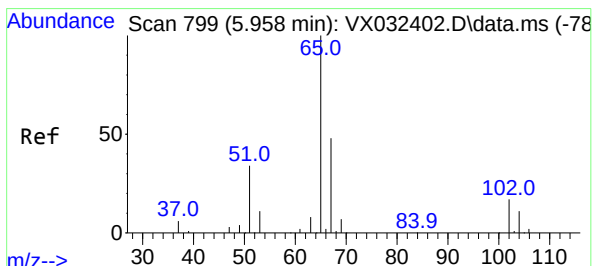
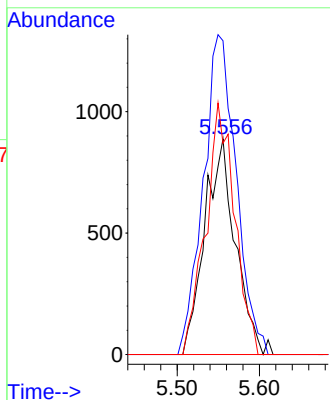
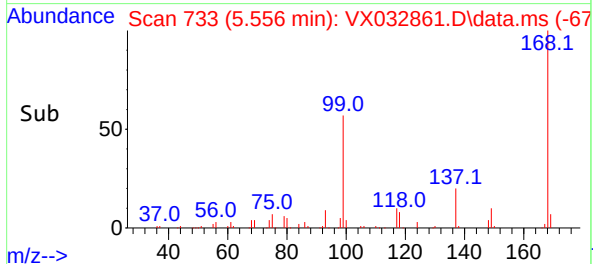


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :

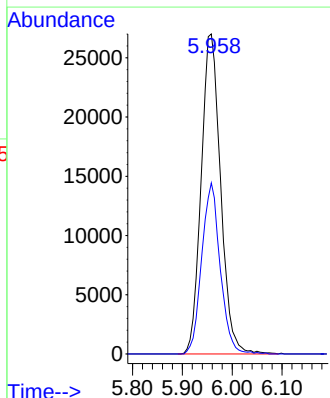
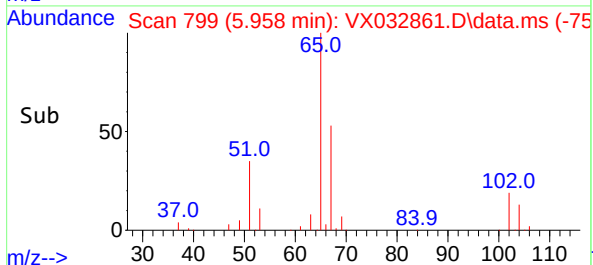
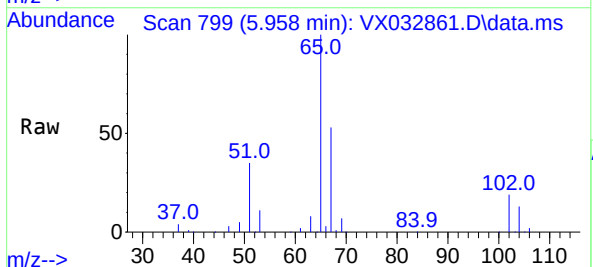


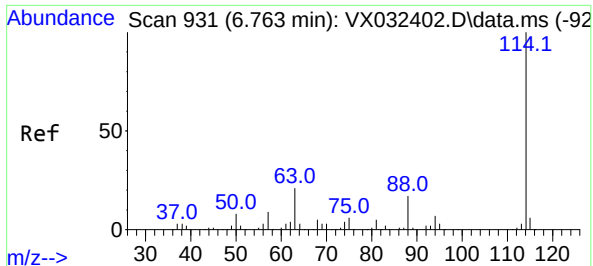
Tgt Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 145.5 24.1 36.1#
84 98.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.611 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

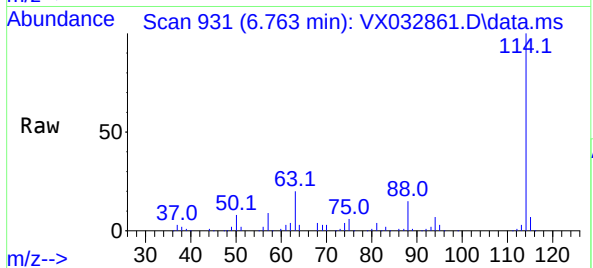
Tgt Ion: 65 Resp: 73141
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8



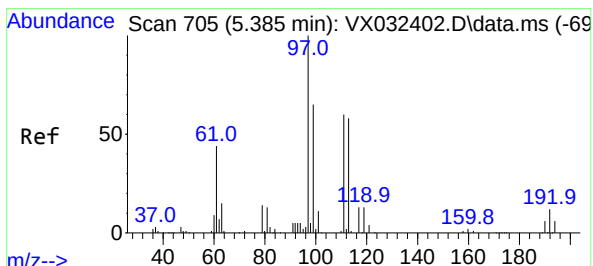
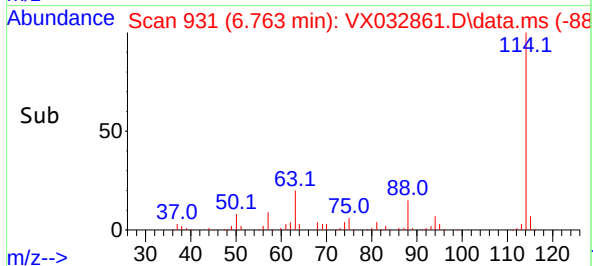
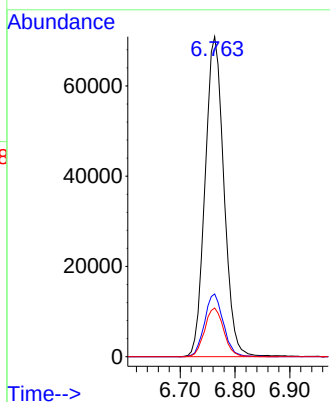


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :

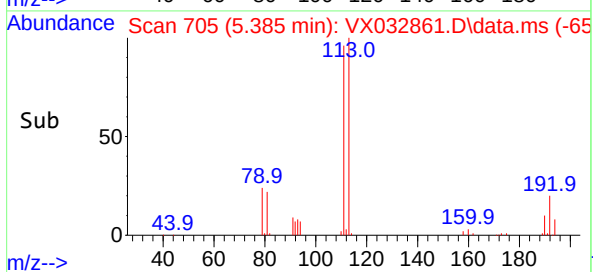
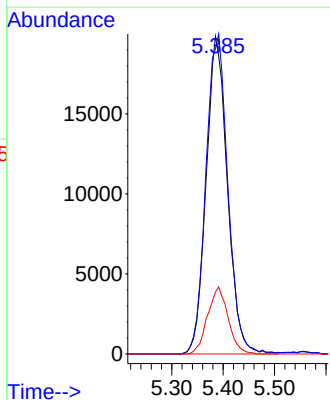
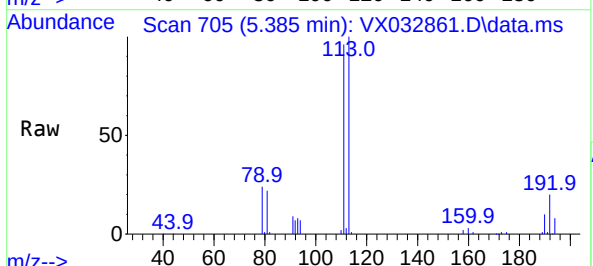


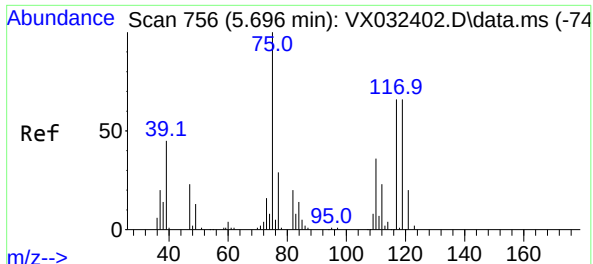
Tgt Ion:114 Resp: 168530
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

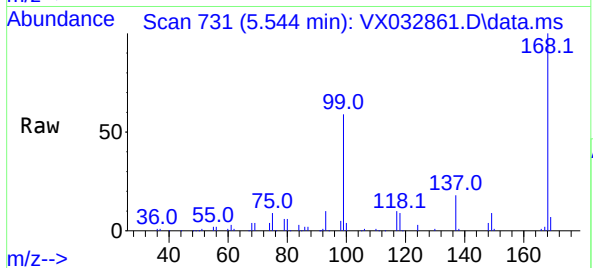
Tgt Ion:113 Resp: 57082
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 20.3 15.4 23.2



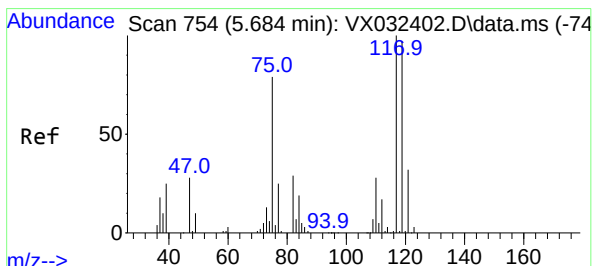
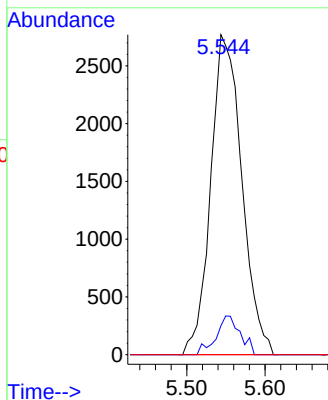
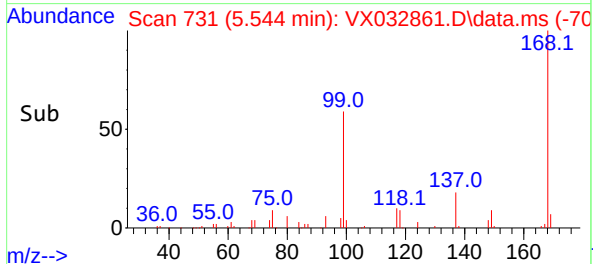


#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

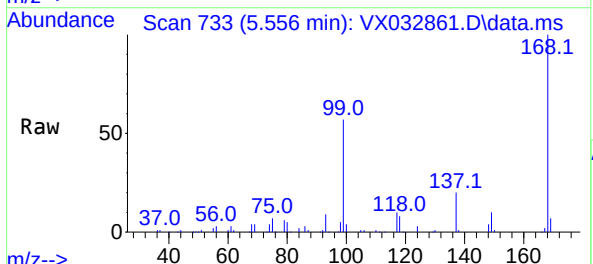
Instrument :
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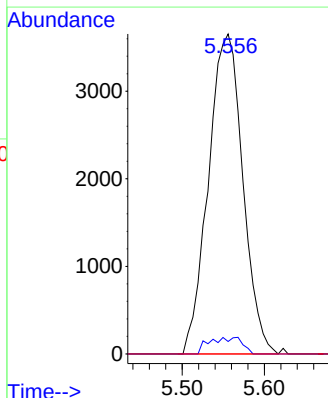
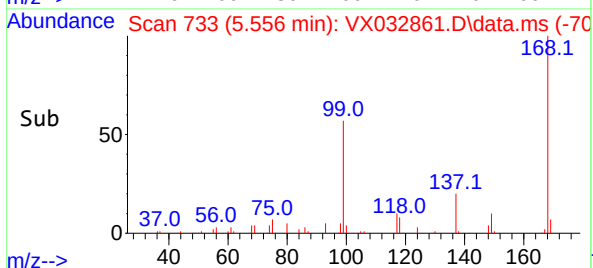
Tgt Ion: 75 Resp: 7640
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#

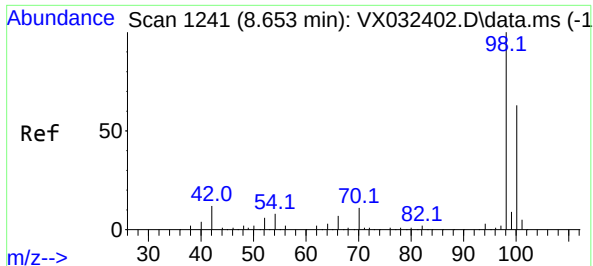


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30



Tgt Ion: 117 Resp: 10644
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#

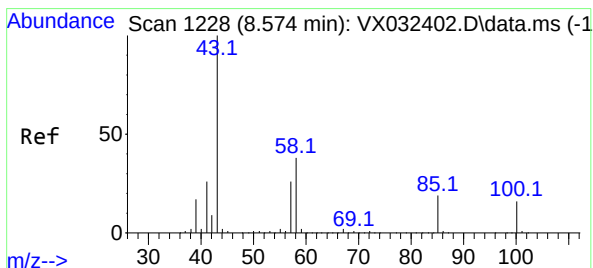
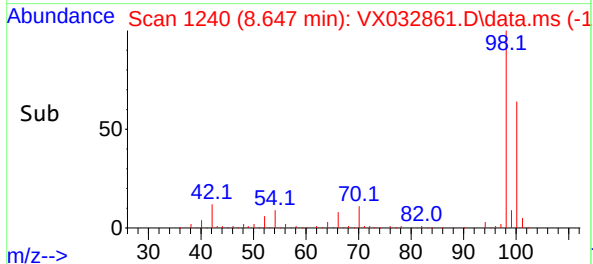
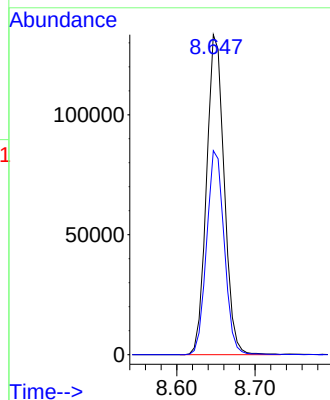
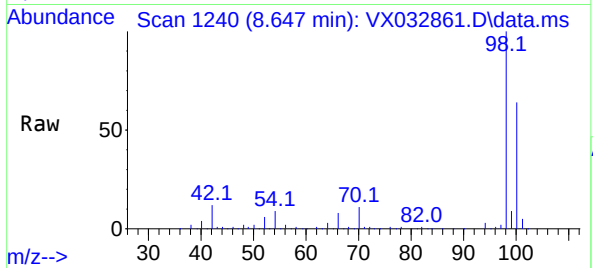




#50
Toluene-d8
Concen: 49.828 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

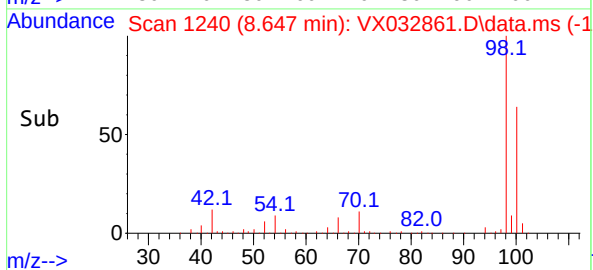
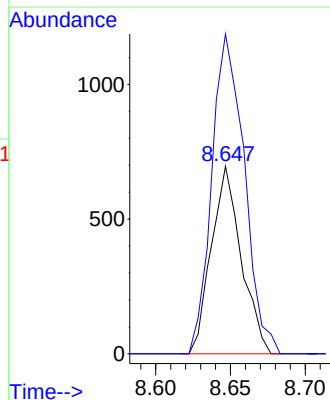
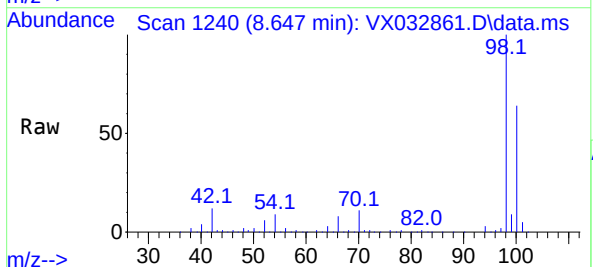
Instrument :
MSVOA_X
ClientSampleId :

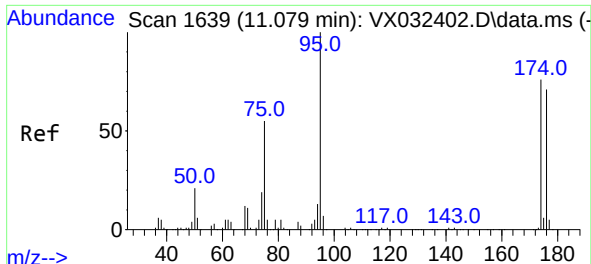
Tgt Ion: 98 Resp: 208285
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 185.0 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 48.101 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032861.D

Acq: 16 Nov 2022 12:30

Instrument :

MSVOA_X

ClientSampleId :

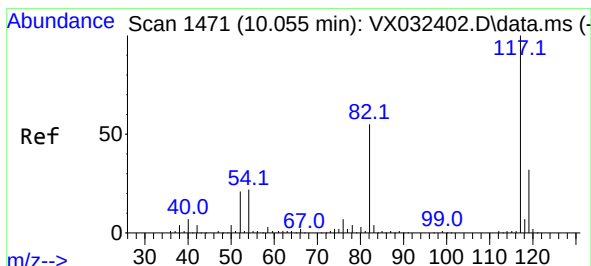
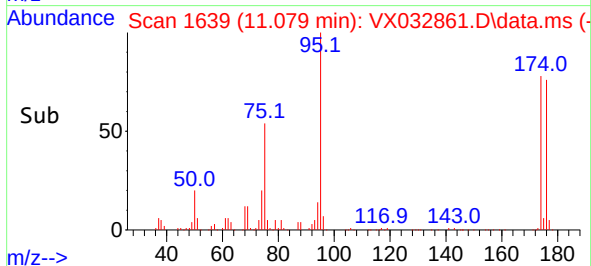
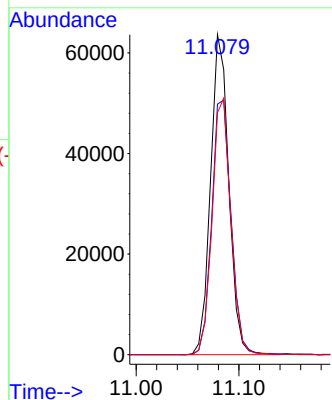
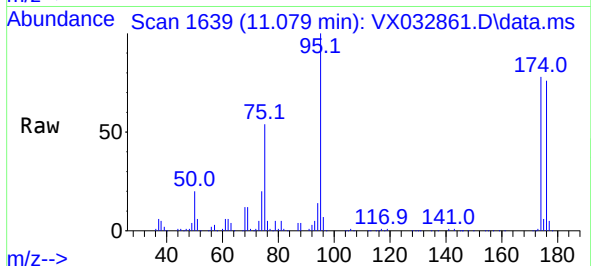
Tgt Ion: 95 Resp: 78542

Ion Ratio Lower Upper

95 100

174 84.4 0.0 164.0

176 82.1 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: VX032861.D

Acq: 16 Nov 2022 12:30

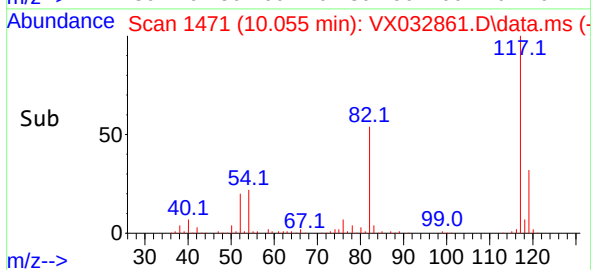
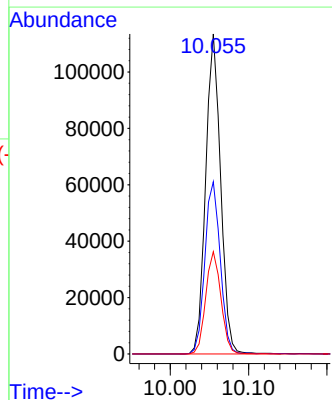
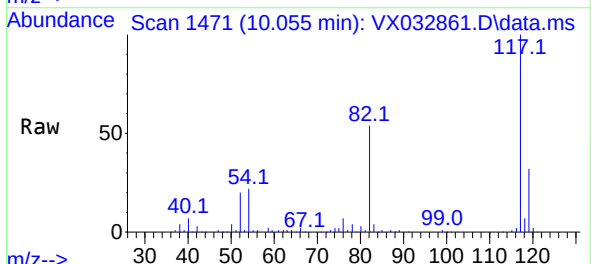
Tgt Ion: 117 Resp: 150023

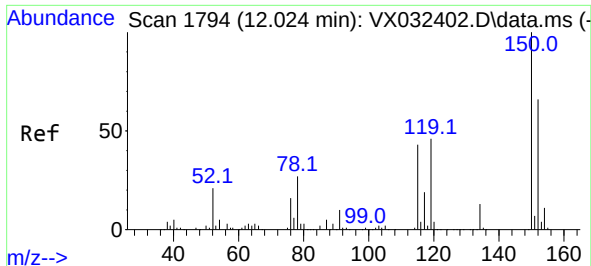
Ion Ratio Lower Upper

117 100

82 53.8 44.3 66.5

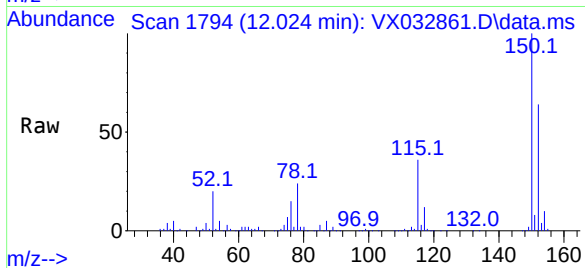
119 32.0 25.7 38.5



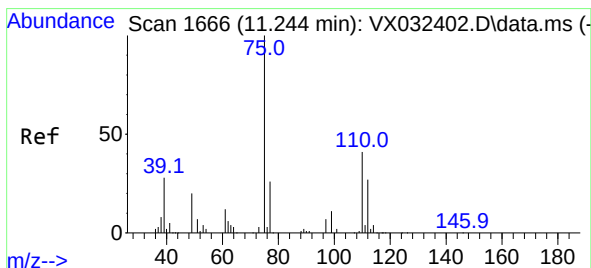
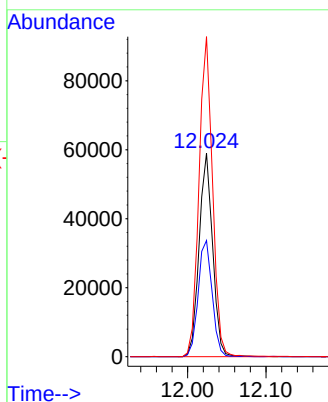
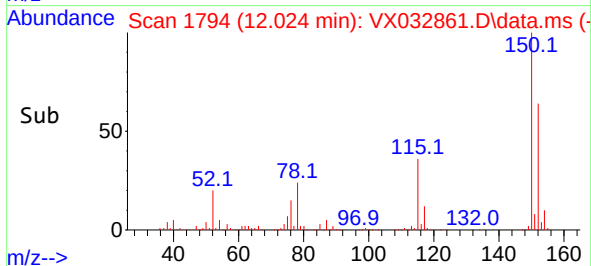


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :

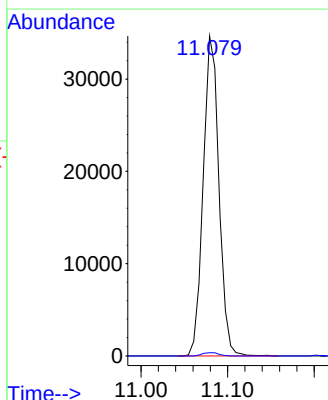
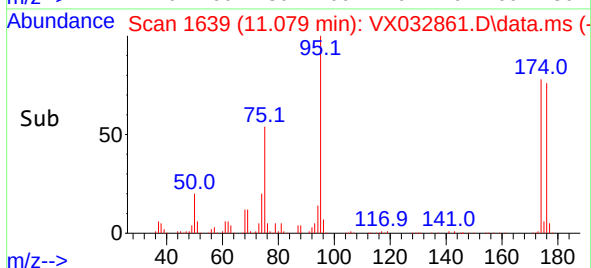
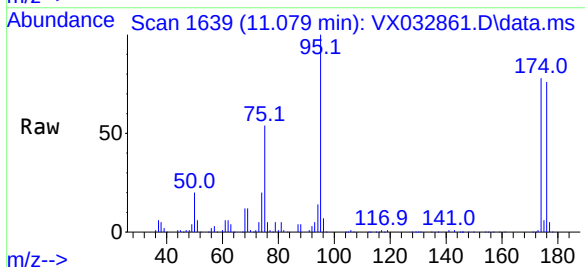


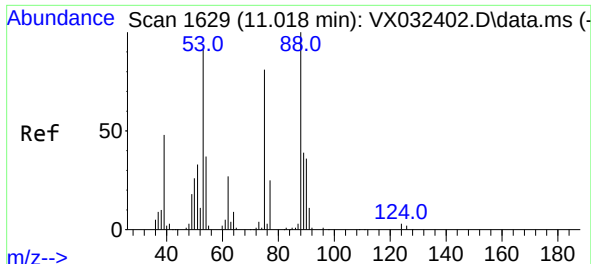
Tgt Ion:152 Resp: 70801
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 157.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

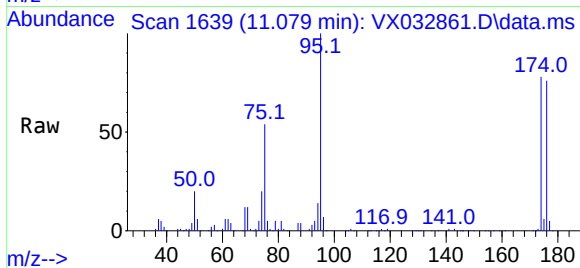
Tgt Ion: 75 Resp: 43718
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



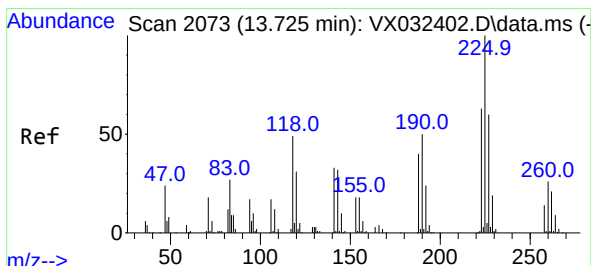
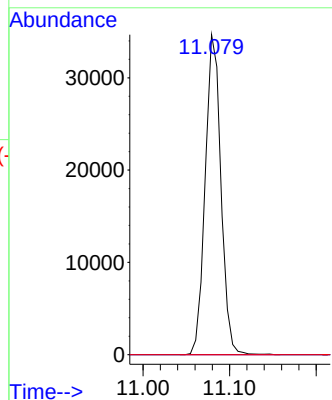
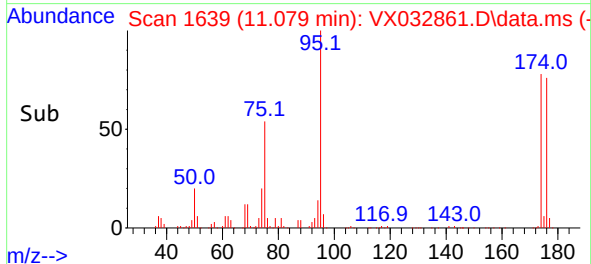


#81
trans-1,4-Dichloro-2-butene
Concen: 88.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43718
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.349 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX032861.D
Acq: 16 Nov 2022 12:30

Tgt Ion: 225 Resp: 243
Ion Ratio Lower Upper
225 100
223 59.7 31.9 95.9
227 63.4 31.9 95.5

