

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034663.D
 Acq On : 22 Mar 2023 10:12
 Operator : JC/MD
 Sample : VX0322WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

Quant Time: Mar 23 07:52:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

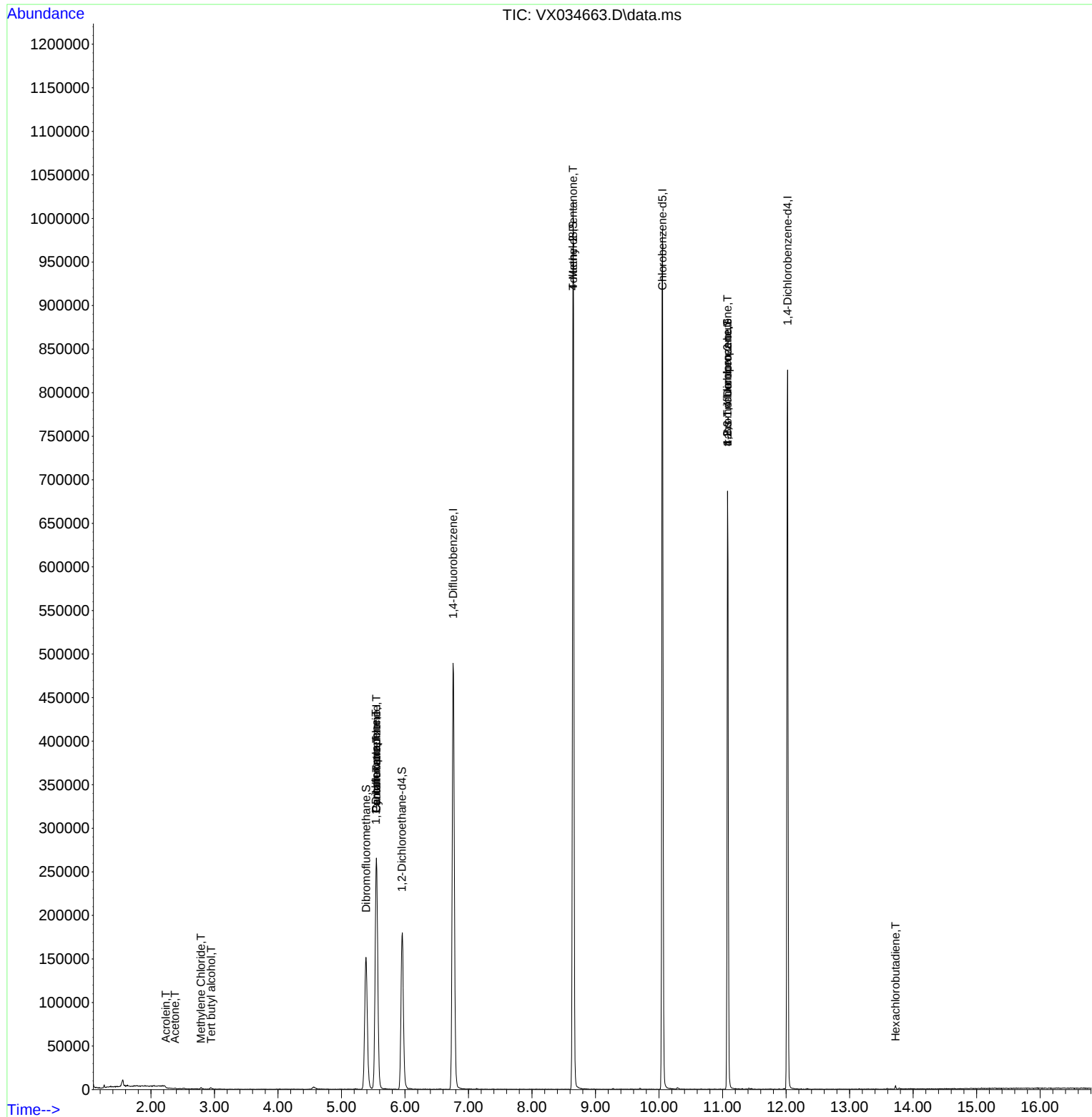
Internal Standards						
1) Pentafluorobenzene	5.550	168	251006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169006	46.282	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.560%		
35) Dibromofluoromethane	5.385	113	132237	41.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.720%		
50) Toluene-d8	8.647	98	581852	48.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	181071	37.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	75.120%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	417	Below Cal	#	42
11) Tert butyl alcohol	2.947	59	1035	1.361	ug/l #	73
13) Acrolein	2.233	56	121	0.201	ug/l #	53
16) Acetone	2.380	43	1065	0.619	ug/l #	76
20) Methylene Chloride	2.788	84	852	0.255	ug/l #	88
31) Cyclohexane	5.550	56	6232	1.217	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	20616	4.198	ug/l #	50
38) Carbon Tetrachloride	5.550	117	26005	5.323	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2923	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	96107	24.703	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	96107	66.829	ug/l #	8
94) Hexachlorobutadiene	13.725	225	513	0.342	ug/l	86

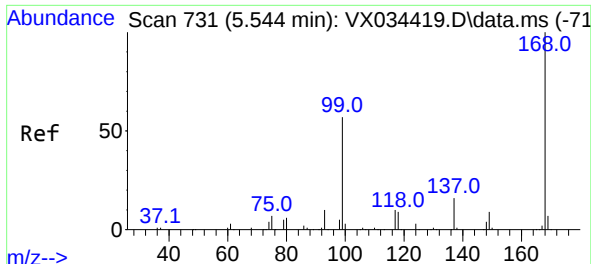
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 23 07:52:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

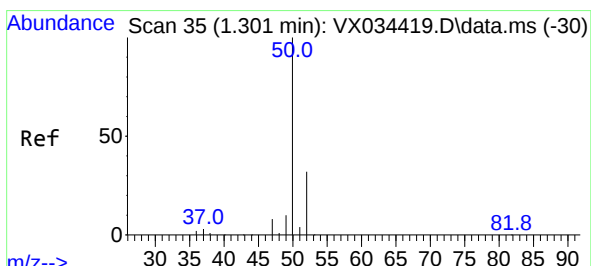
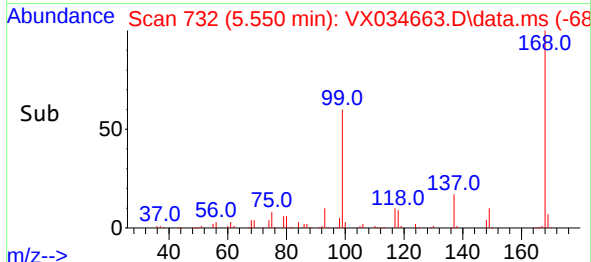
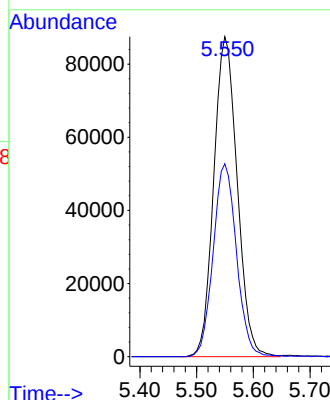
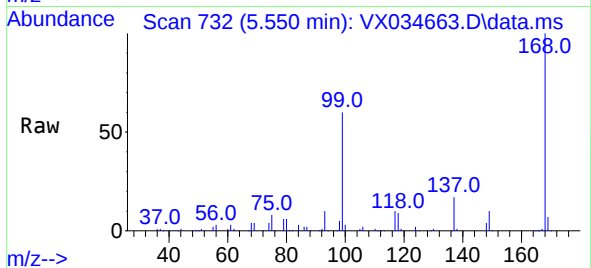




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

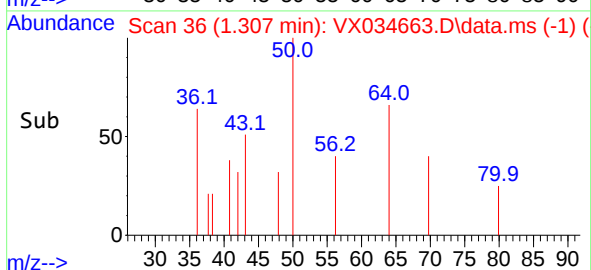
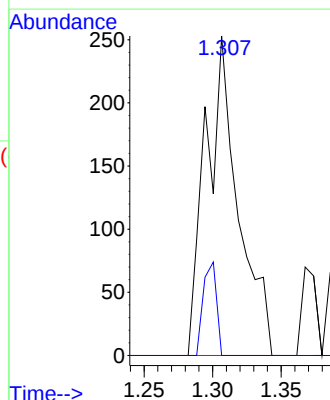
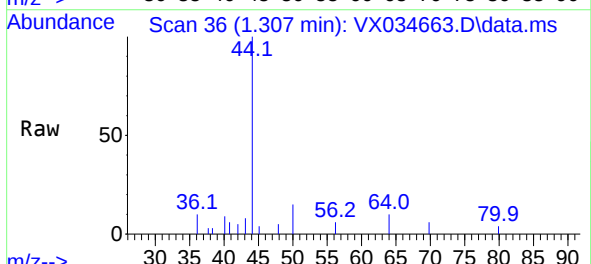
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

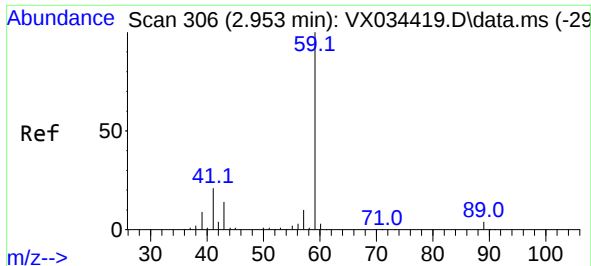
Tgt Ion:168 Resp: 251006
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.361 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034663.D

Acq: 22 Mar 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

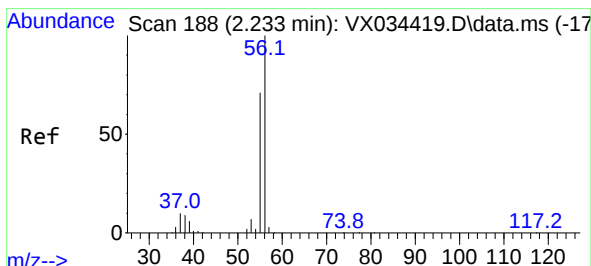
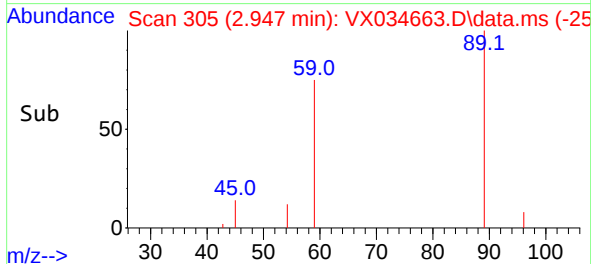
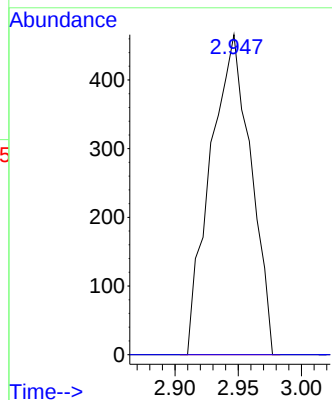
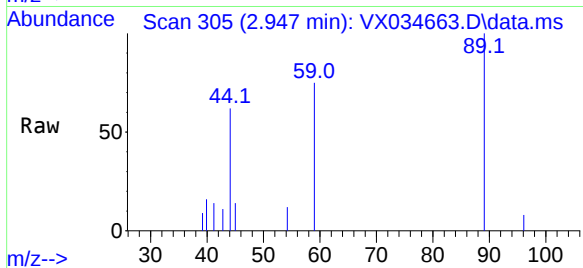
VX0322WBL01

Tgt Ion: 59 Resp: 1035

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.201 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034663.D

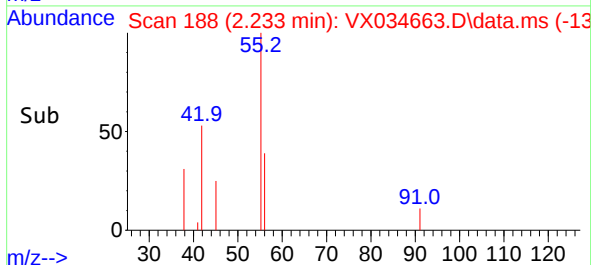
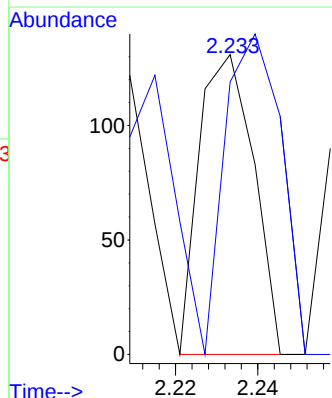
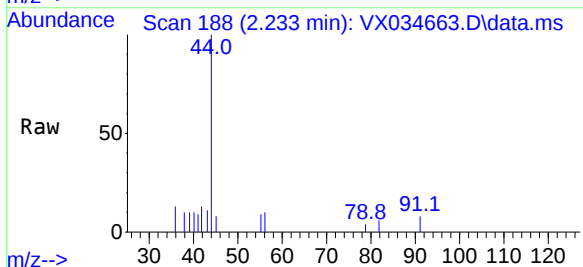
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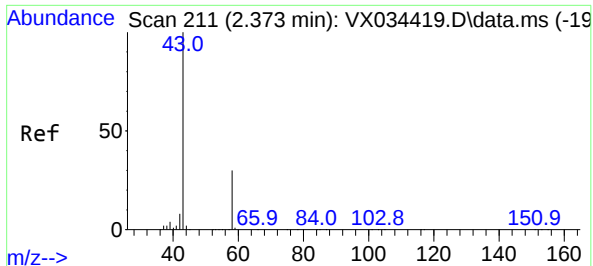
Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 109.9 56.6 85.0#

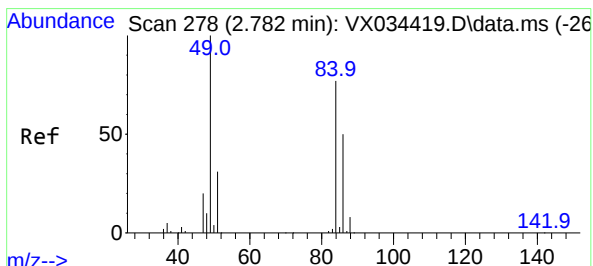
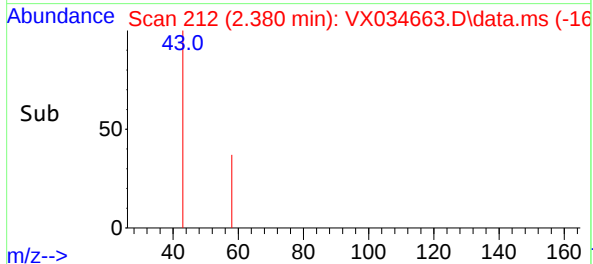
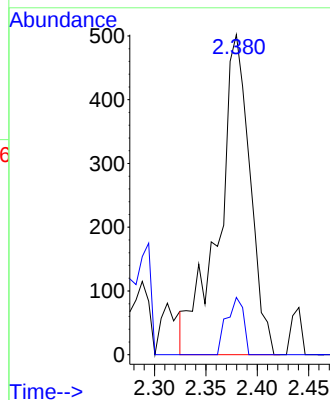
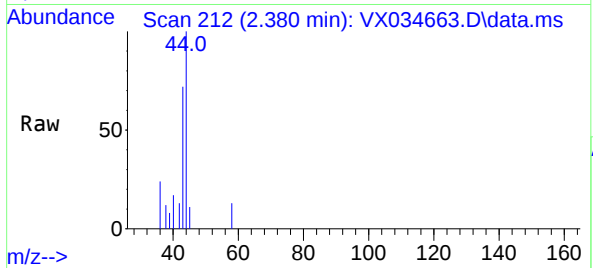




#16
Acetone
Concen: 0.619 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

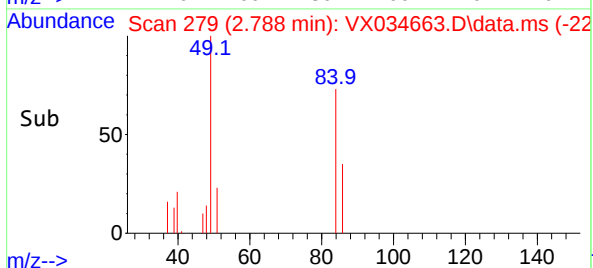
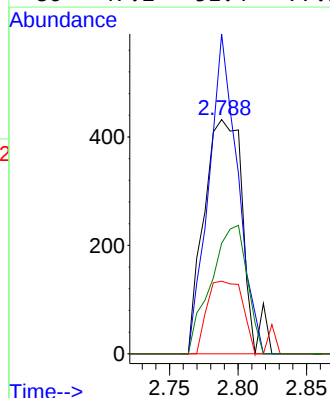
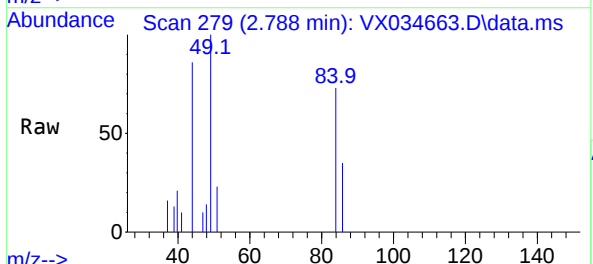
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

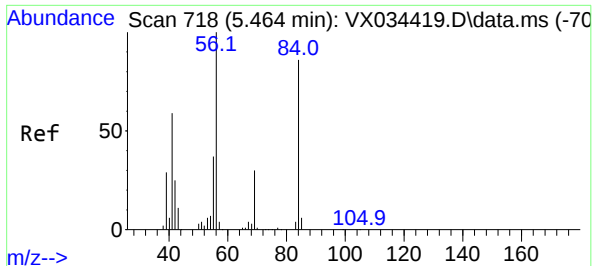
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 17.9 24.7 37.1#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 84 Resp: 852
Ion Ratio Lower Upper
84 100
49 136.6 103.8 155.8
51 31.0 31.8 47.8#
86 47.2 51.4 77.2#

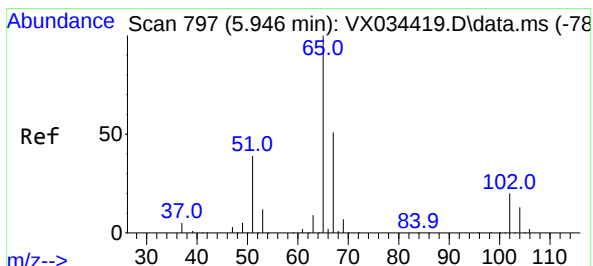
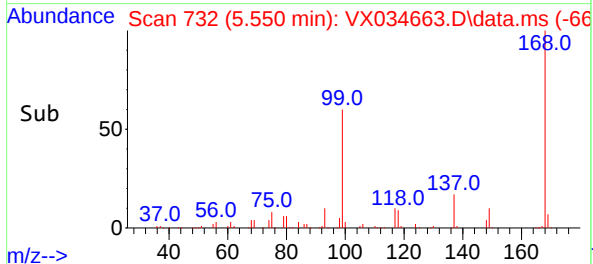
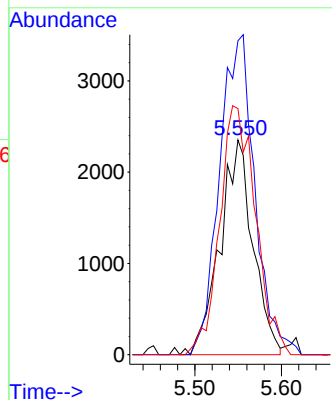
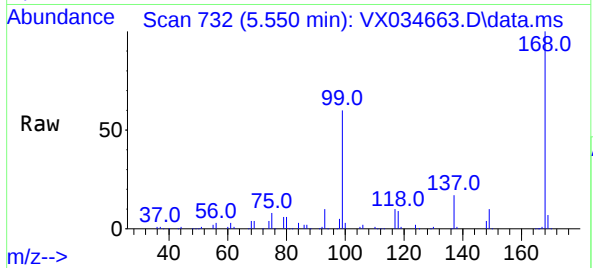




#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

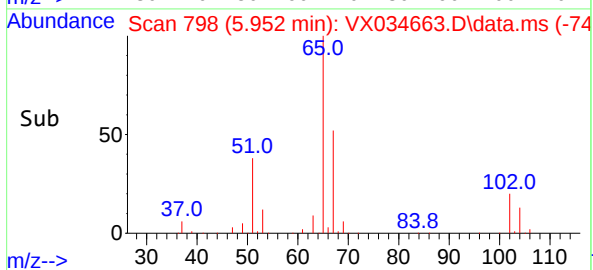
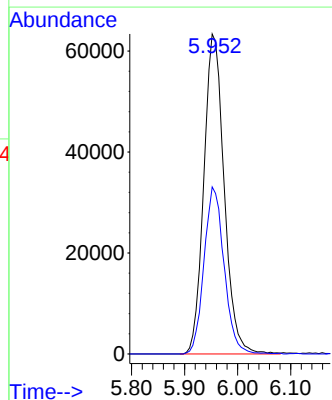
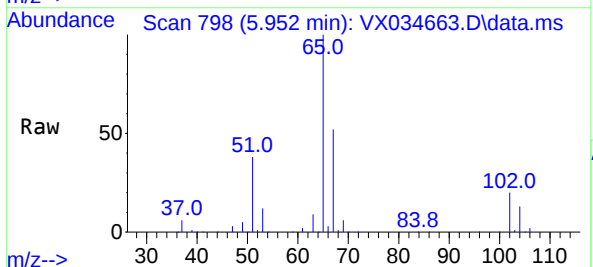
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

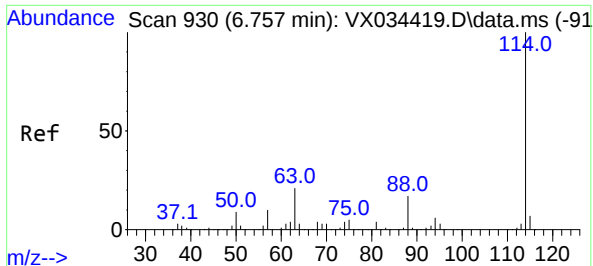
Tgt Ion: 56 Resp: 6232
Ion Ratio Lower Upper
56 100
69 146.2 23.7 35.5#
84 114.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.282 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 65 Resp: 169006
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

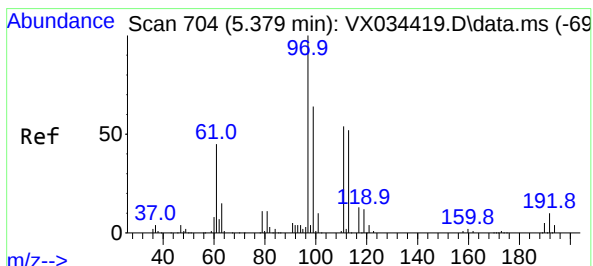
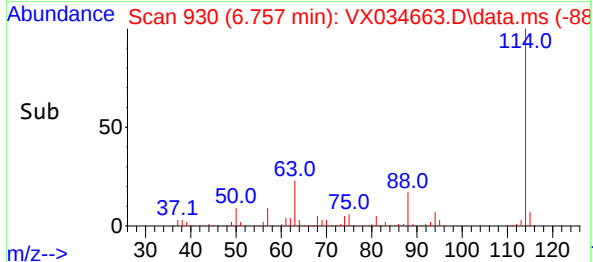
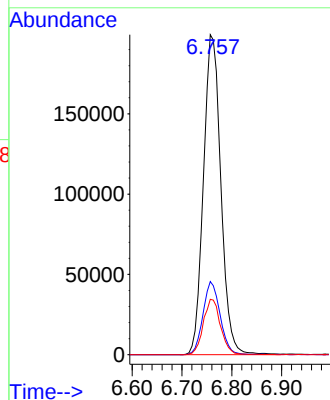
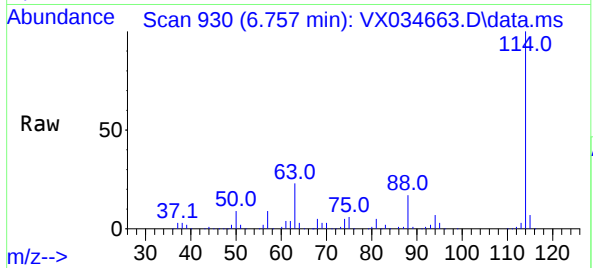




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

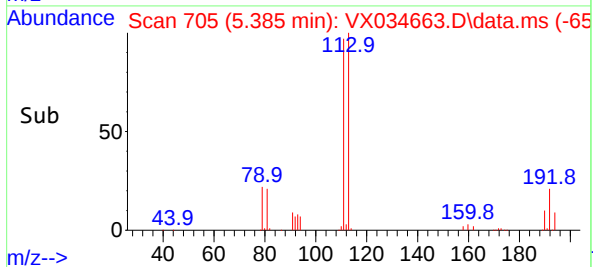
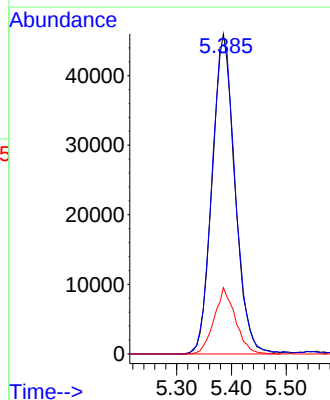
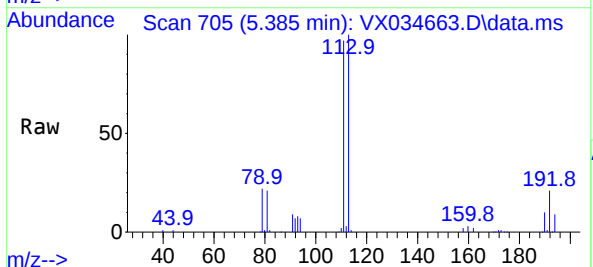
Instrument :
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ClientSampleId :
VX0322WBL01

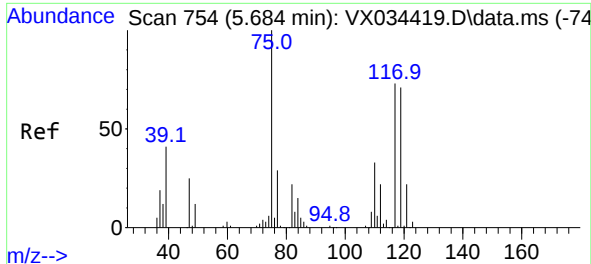
Tgt Ion:114 Resp: 484250
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.360 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

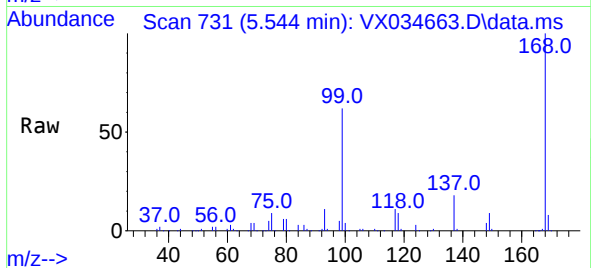
Tgt Ion:113 Resp: 132237
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 19.3 15.4 23.2



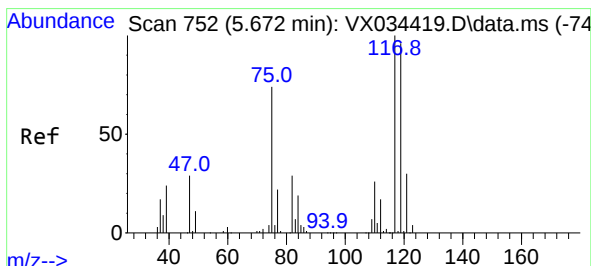
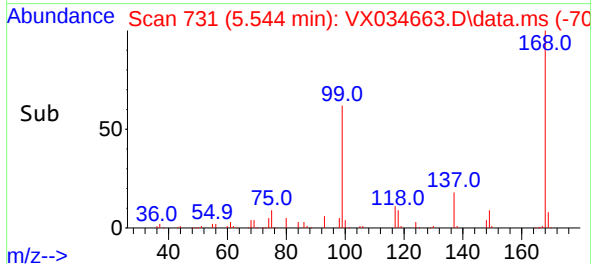
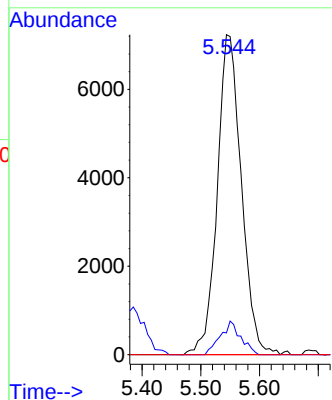


#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

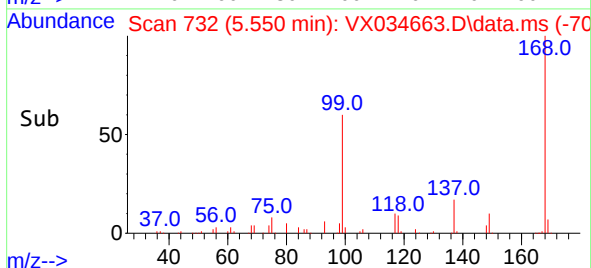
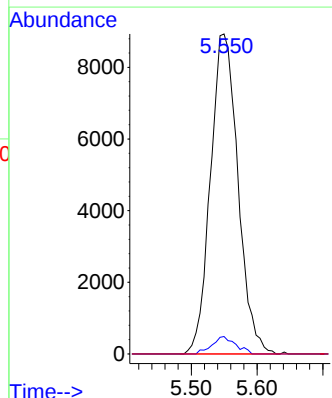
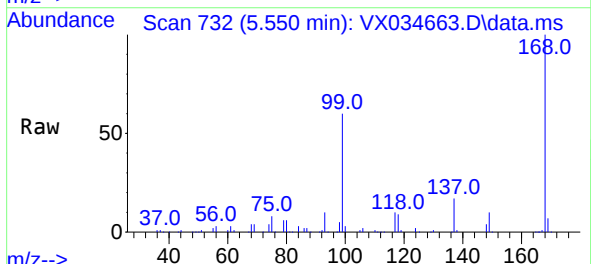


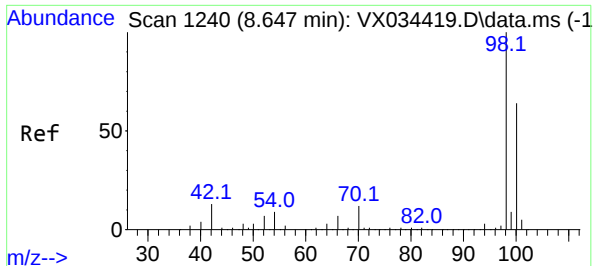
Tgt Ion: 75 Resp: 20616
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 117 Resp: 26005
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.750 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034663.D

Acq: 22 Mar 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

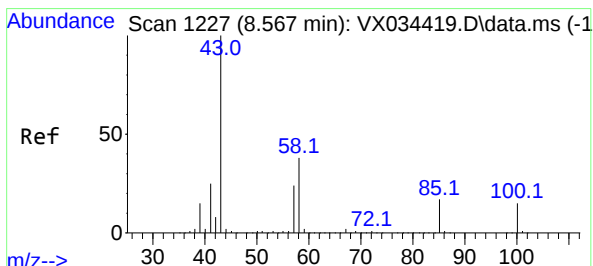
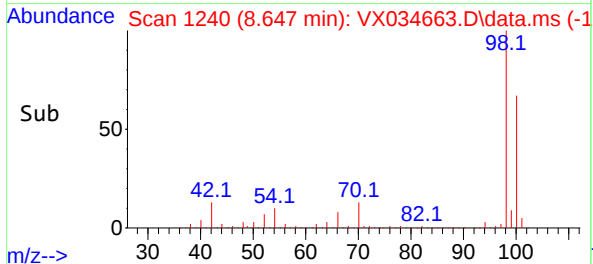
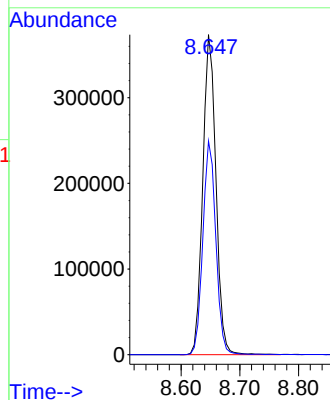
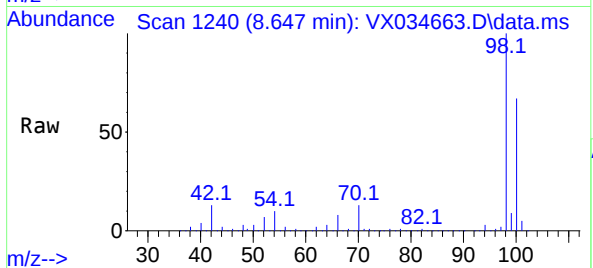
VX0322WBL01

Tgt Ion: 98 Resp: 581852

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.554 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034663.D

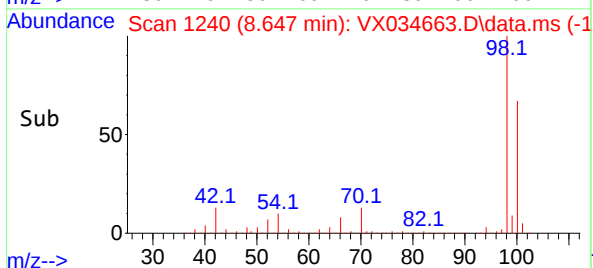
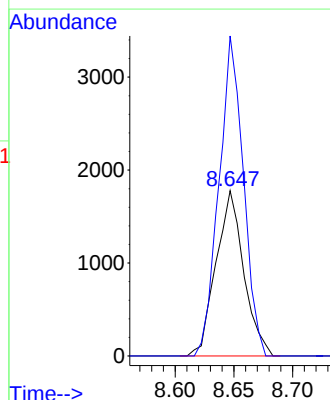
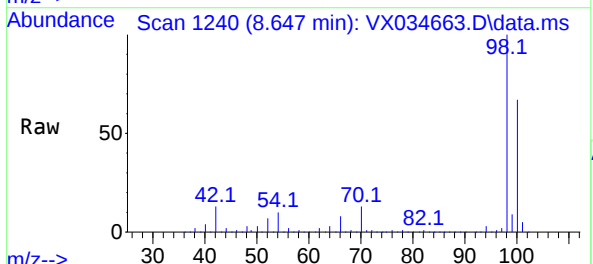
Acq: 22 Mar 2023 10:12

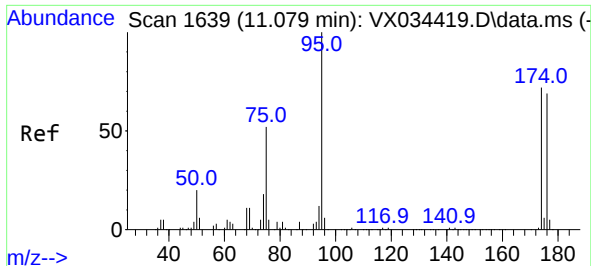
Tgt Ion: 43 Resp: 2923

Ion Ratio Lower Upper

43 100

58 170.6 30.6 46.0#

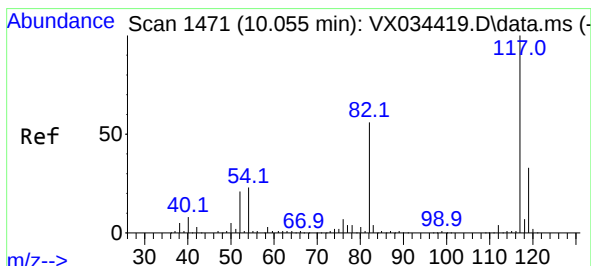
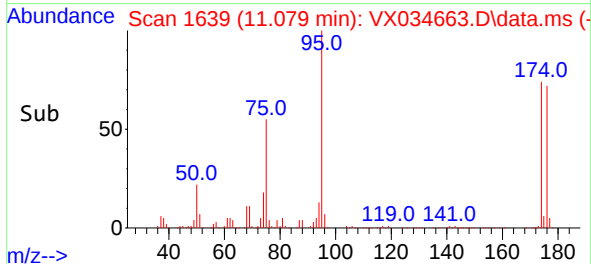
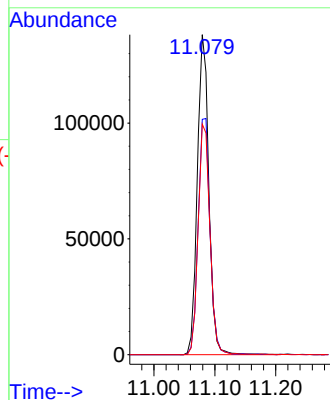
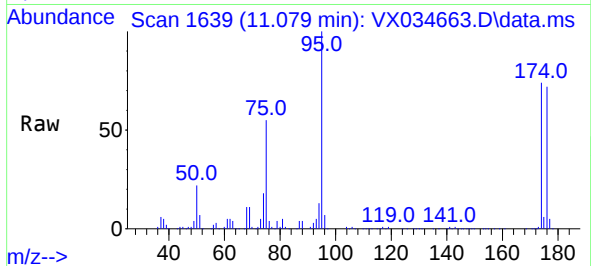




#62
4-Bromofluorobenzene
Concen: 37.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

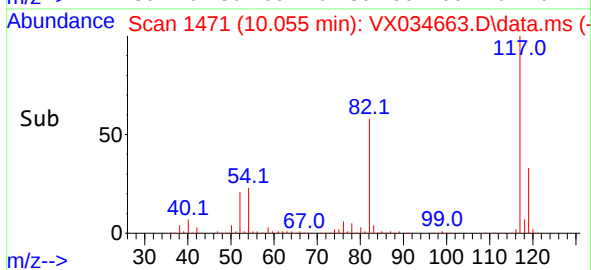
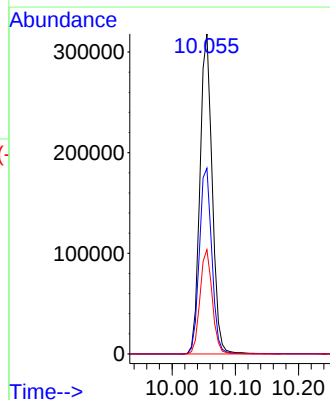
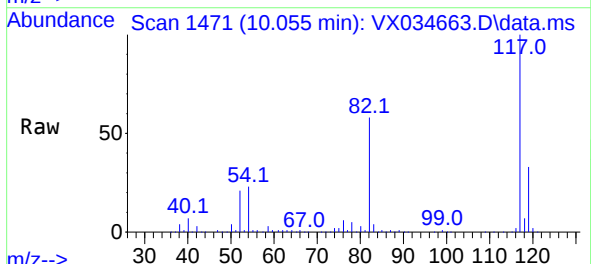
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

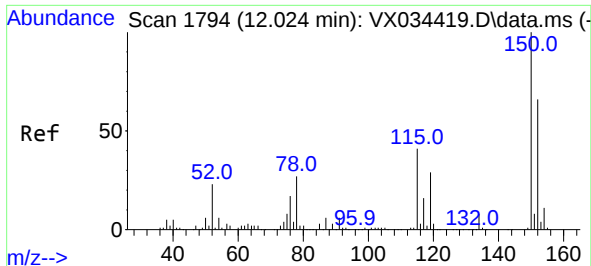
Tgt Ion: 95 Resp: 181071
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.4
176 73.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 117 Resp: 429729
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.6 26.0 39.0

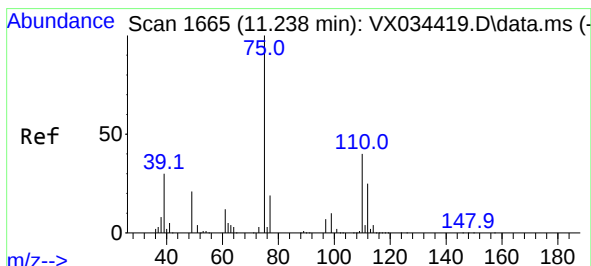
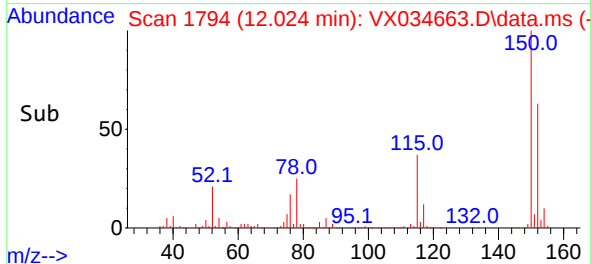
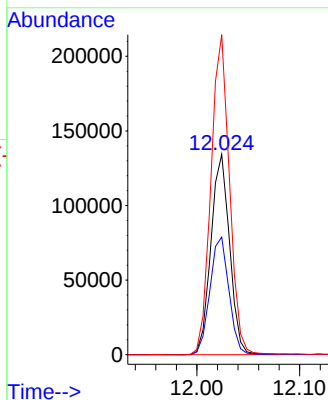
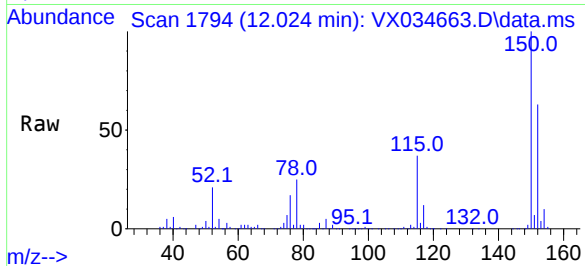




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

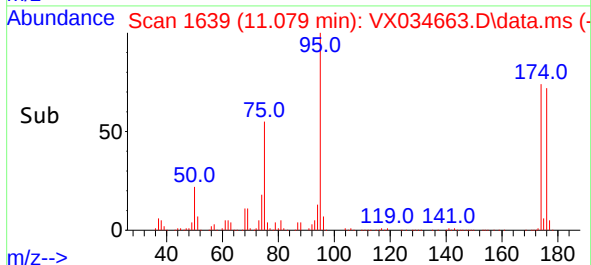
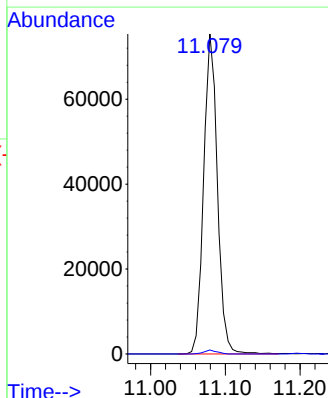
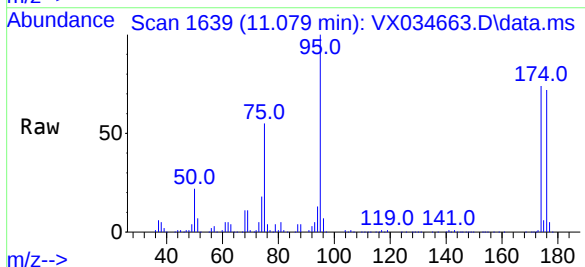
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

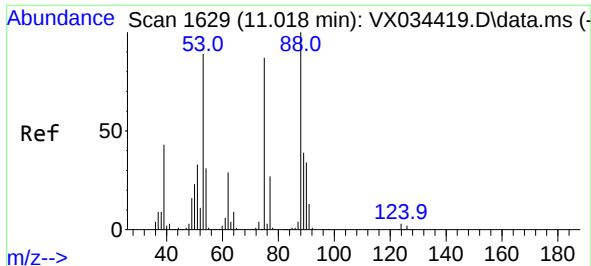
Tgt Ion:152 Resp: 169439
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 158.2 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 24.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 75 Resp: 96107
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

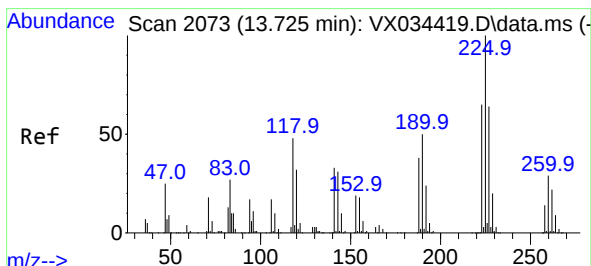
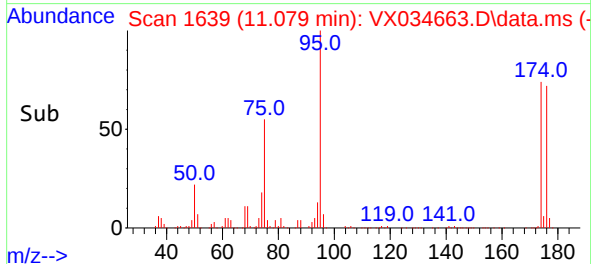
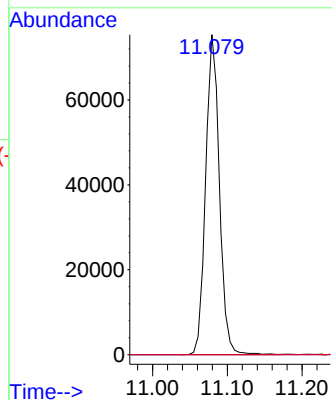
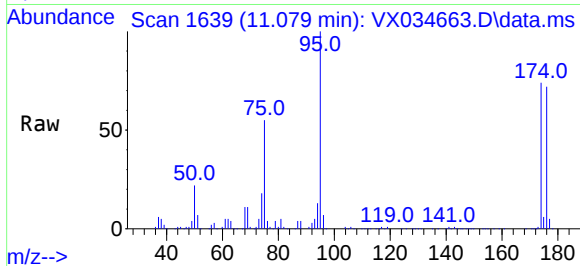




#81
trans-1,4-Dichloro-2-butene
Concen: 66.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 75 Resp: 96107
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.342 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034663.D
Acq: 22 Mar 2023 10:12

Tgt Ion: 225 Resp: 513
Ion Ratio Lower Upper
225 100
223 49.3 32.1 96.5
227 70.0 31.8 95.4

