

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035478.D
 Acq On : 02 May 2023 14:49
 Operator : JC/MD
 Sample : 02533-20 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: May 03 03:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

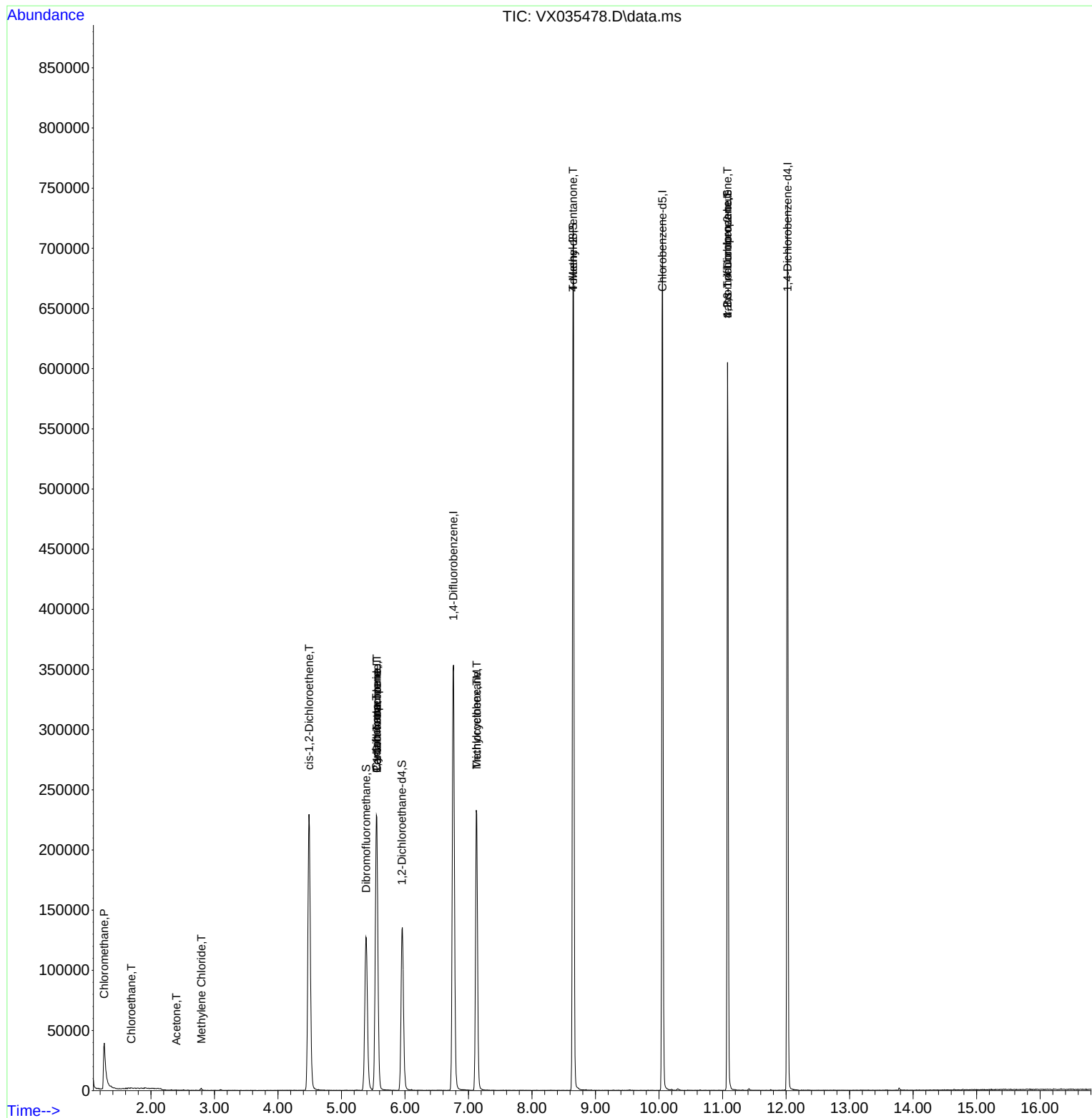
Internal Standards						
1) Pentafluorobenzene	5.556	168	228800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134872	48.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.720%
35) Dibromofluoromethane	5.385	113	115032	49.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.646	98	438593	50.205	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.420%
62) 4-Bromofluorobenzene	11.079	95	165740	50.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	1162	0.528	ug/l #	42
6) Chloroethane	1.690	64	478	0.370	ug/l #	42
16) Acetone	2.398	43	322	0.269	ug/l	98
20) Methylene Chloride	2.794	84	772	0.281	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	152875	53.887	ug/l	84
31) Cyclohexane	5.549	56	3999	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16169	4.471	ug/l #	51
38) Carbon Tetrachloride	5.556	117	21822	6.357	ug/l #	16
39) Methylcyclohexane	7.128	83	1119	0.254	ug/l #	1
44) Trichloroethene	7.128	130	96186	33.660	ug/l	100
51) 4-Methyl-2-Pentanone	8.646	43	1883	0.552	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80331	24.594	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80331	79.657	ug/l #	8

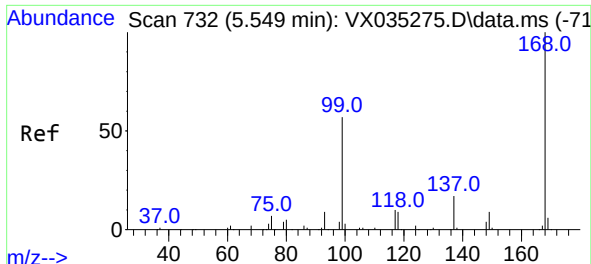
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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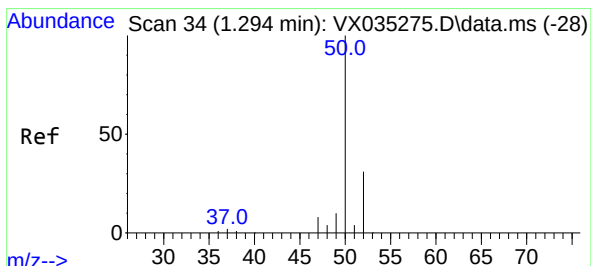
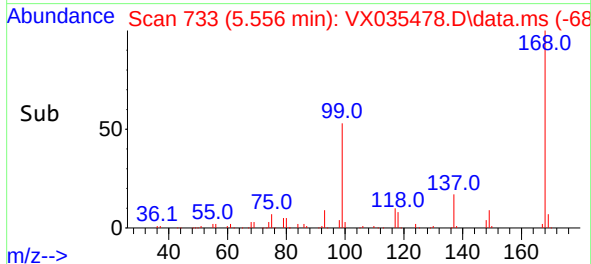
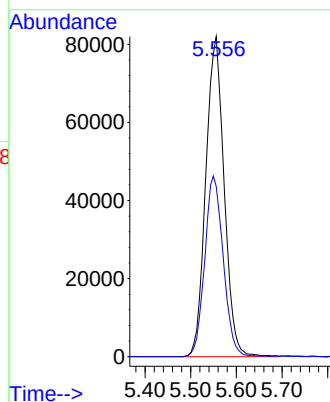
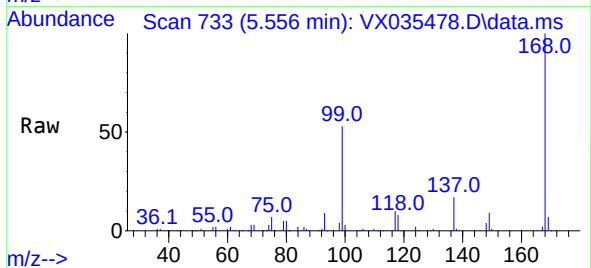




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

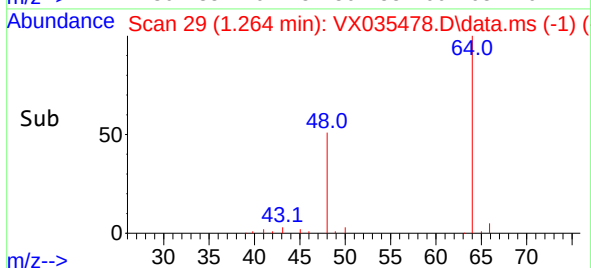
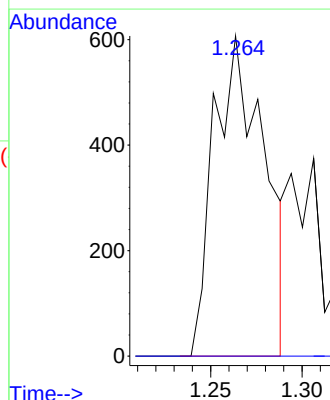
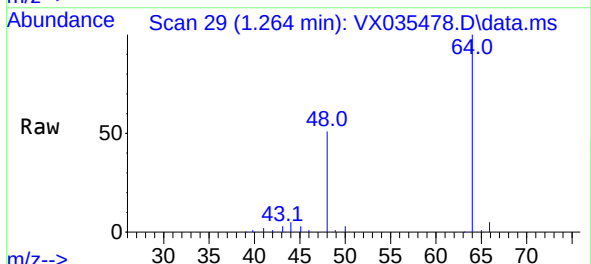
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tgt Ion:168 Resp: 228800
Ion Ratio Lower Upper
168 100
99 53.3 45.7 68.5

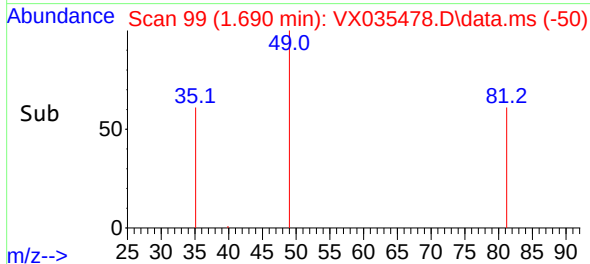
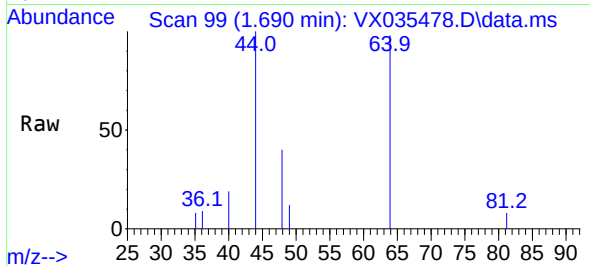
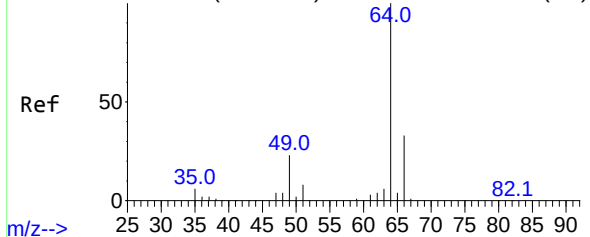


#3
Chloromethane
Concen: 0.528 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion: 50 Resp: 1162
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9



Abundance Scan 99 (1.690 min): VX035275.D\data.ms (-93)



#6

Chloroethane

Concen: 0.370 ug/l

RT: 1.690 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035478.D

Acq: 02 May 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

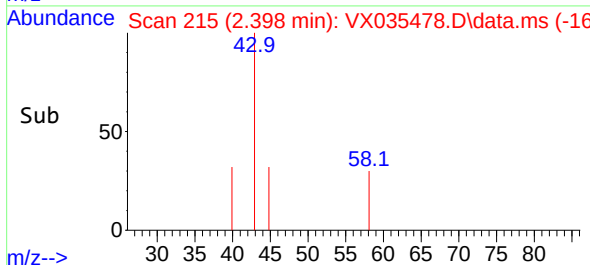
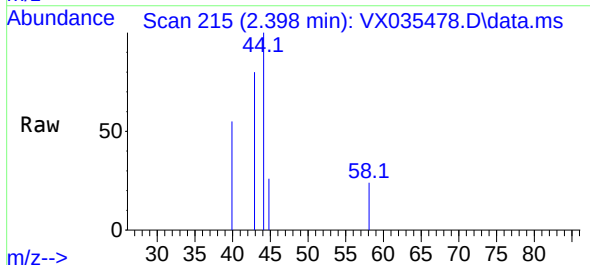
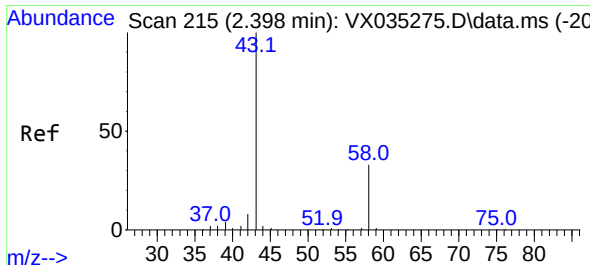
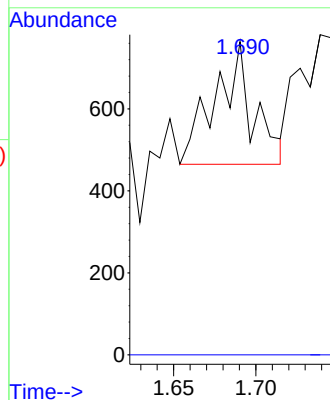
DUP-1

Tgt Ion: 64 Resp: 478

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



#16

Acetone

Concen: 0.269 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX035478.D

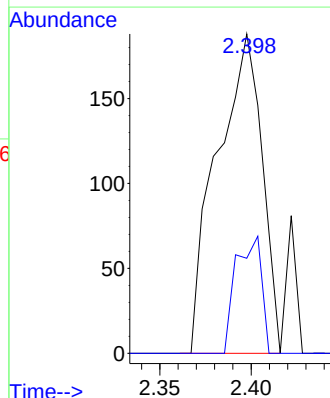
Acq: 02 May 2023 14:49

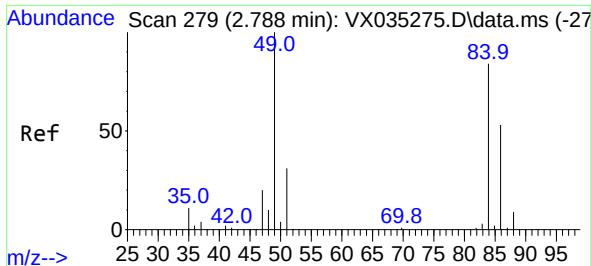
Tgt Ion: 43 Resp: 322

Ion Ratio Lower Upper

43 100

58 29.8 24.7 37.1





#20

Methylene Chloride

Concen: 0.281 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035478.D

Acq: 02 May 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

Tgt Ion: 84 Resp: 772

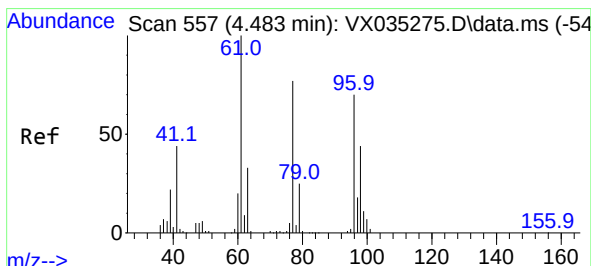
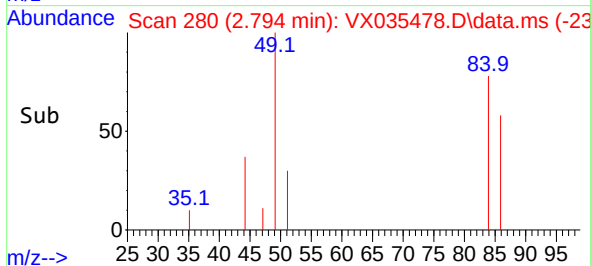
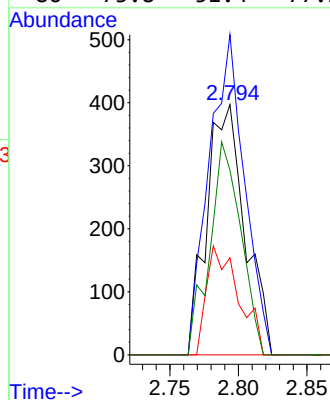
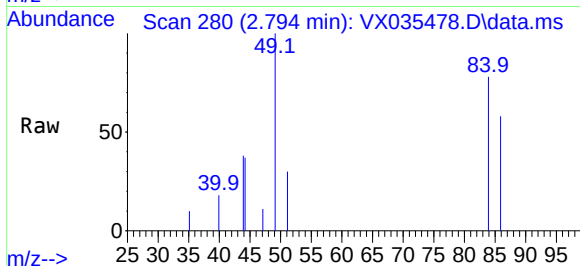
Ion Ratio Lower Upper

84 100

49 128.0 103.8 155.8

51 38.8 31.8 47.8

86 73.8 51.4 77.2



#27

cis-1,2-Dichloroethene

Concen: 53.887 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX035478.D

Acq: 02 May 2023 14:49

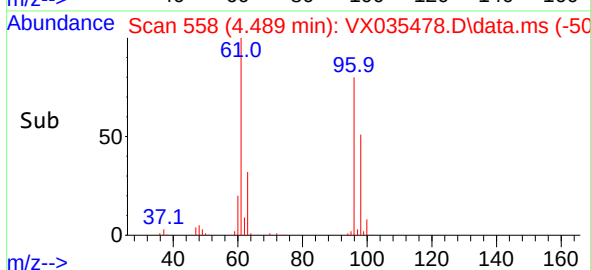
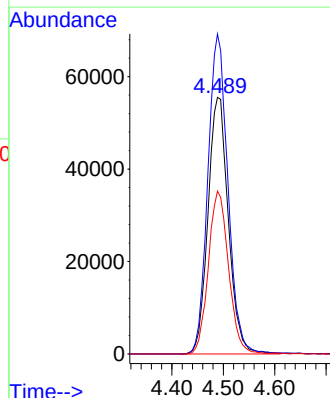
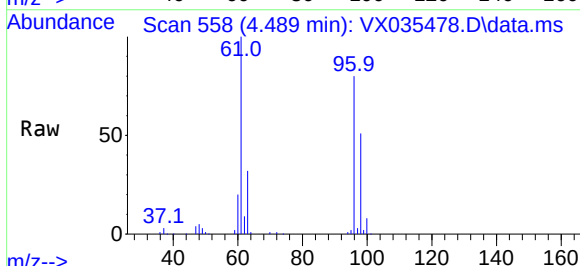
Tgt Ion: 96 Resp: 152875

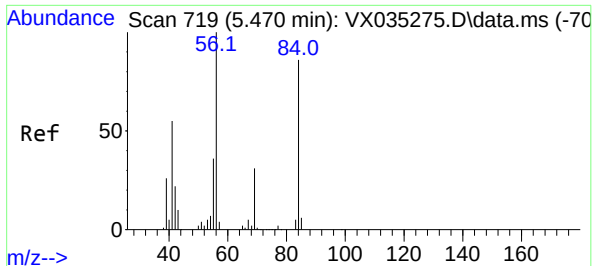
Ion Ratio Lower Upper

96 100

61 122.5 0.0 300.4

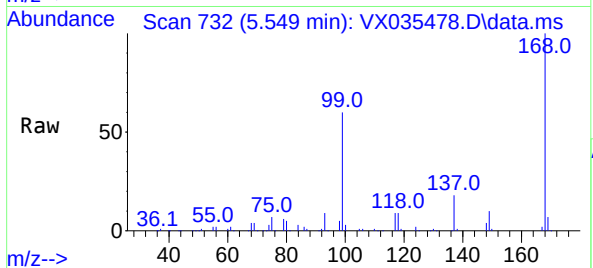
98 62.8 0.0 129.0



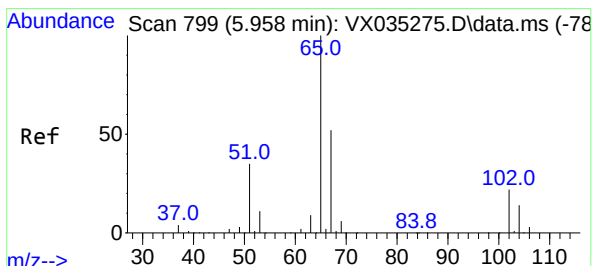
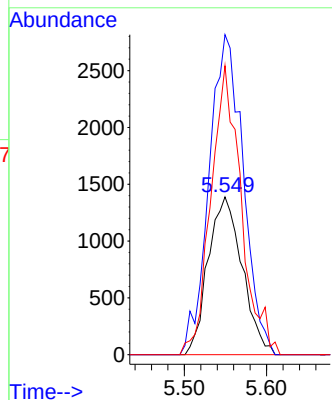
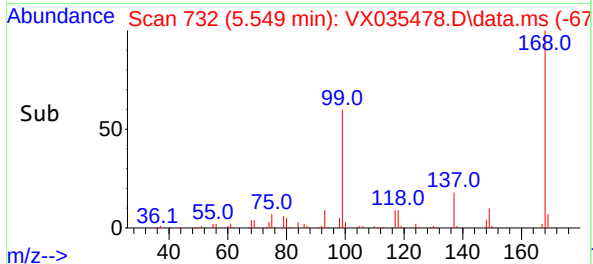


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

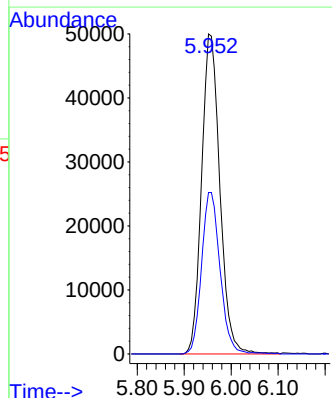
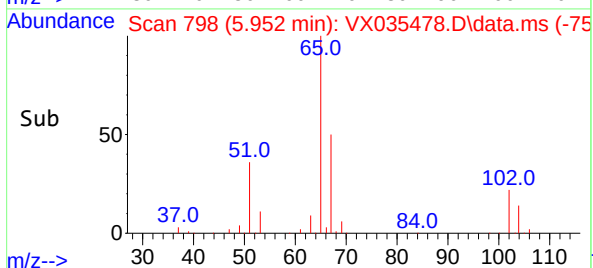
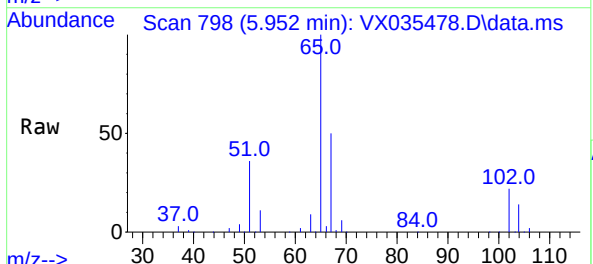


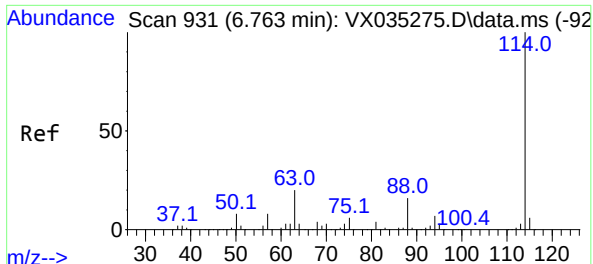
Tgt Ion: 56 Resp: 3999
Ion Ratio Lower Upper
56 100
69 202.9 23.7 35.5#
84 183.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.861 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion: 65 Resp: 134872
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

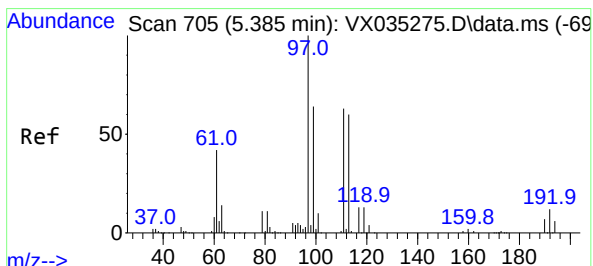
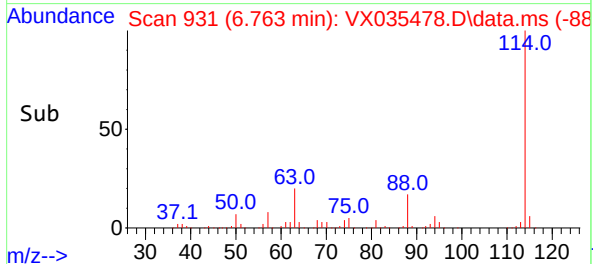
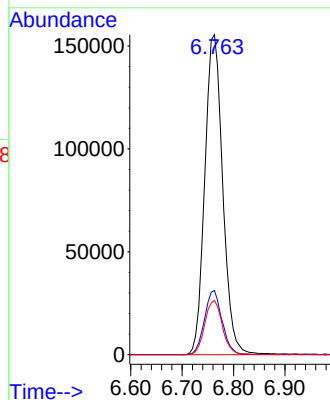
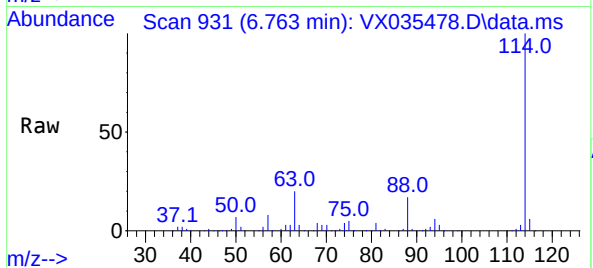




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

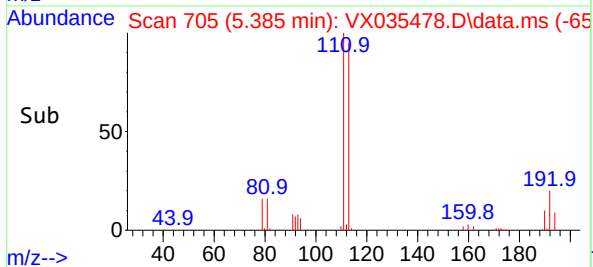
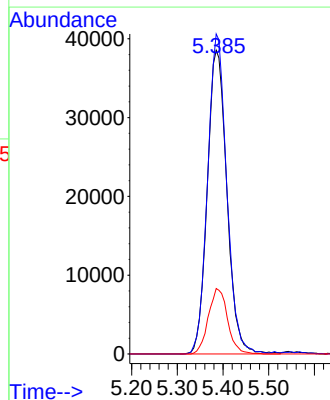
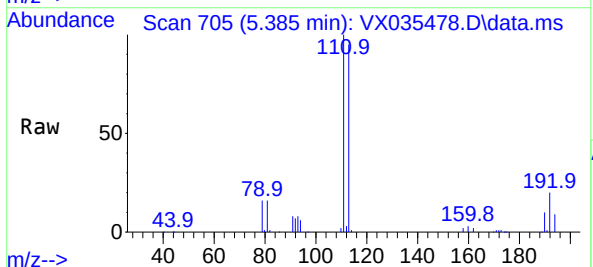
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

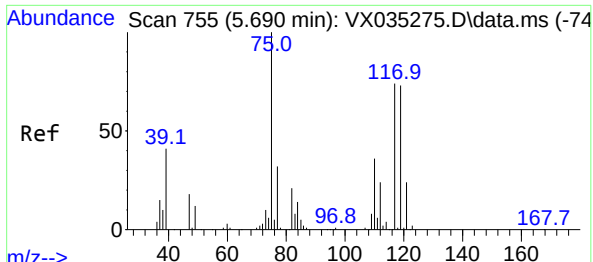
Tgt Ion:114 Resp: 377308
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion:113 Resp: 115032
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 21.1 15.4 23.2

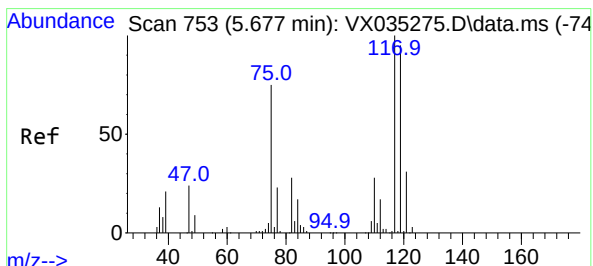
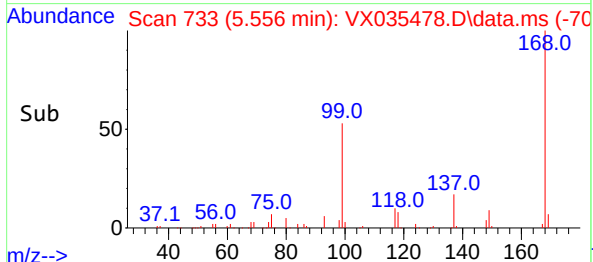
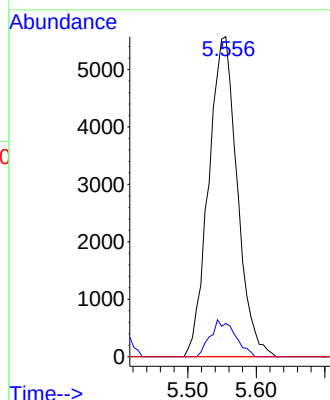
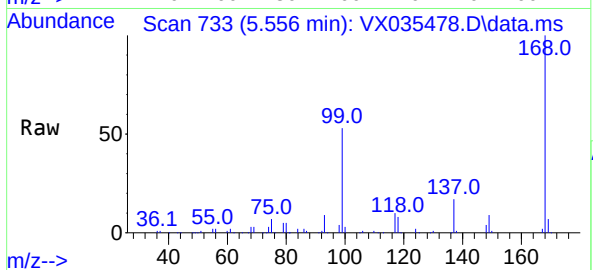




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

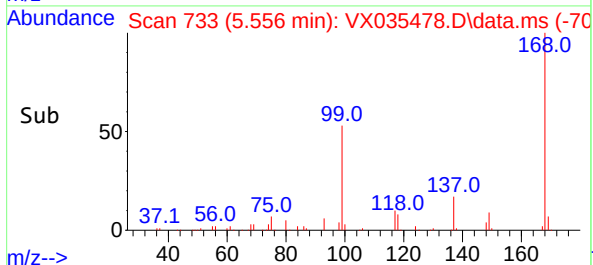
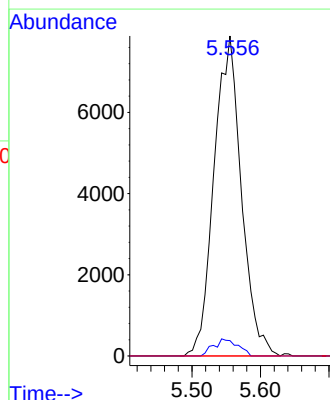
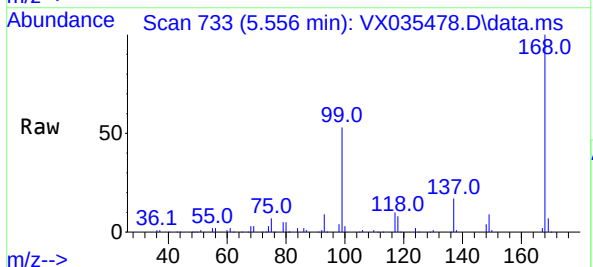
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MSVOA_X
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DUP-1

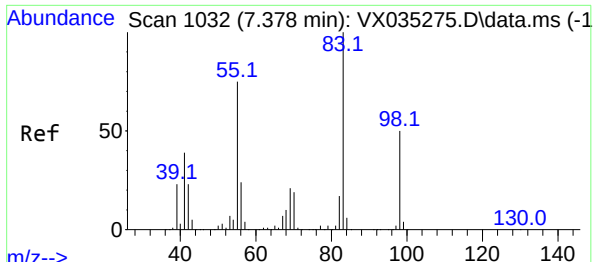
Tgt Ion: 75 Resp: 16169
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion: 117 Resp: 21822
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#

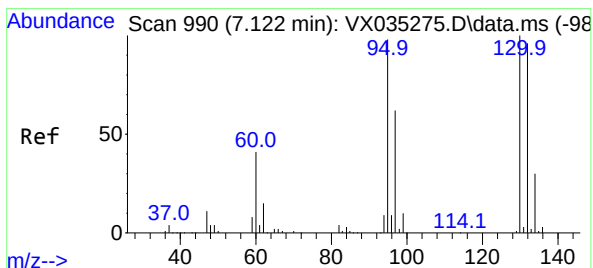
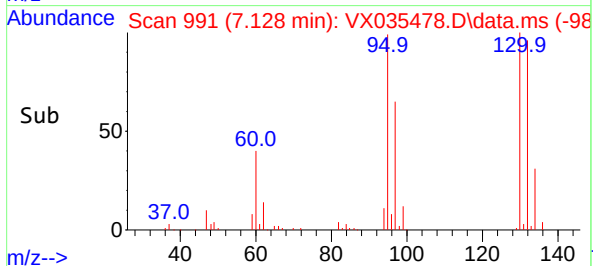
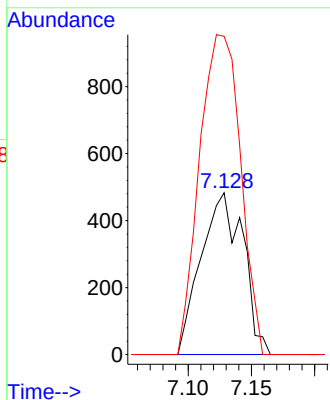
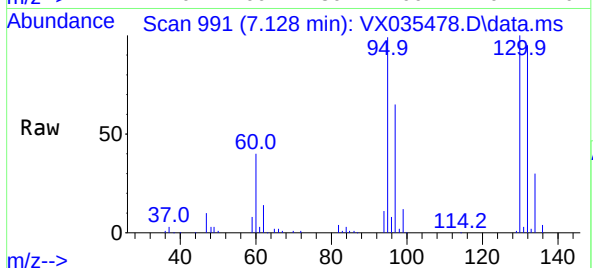




#39
Methylcyclohexane
Concen: 0.254 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

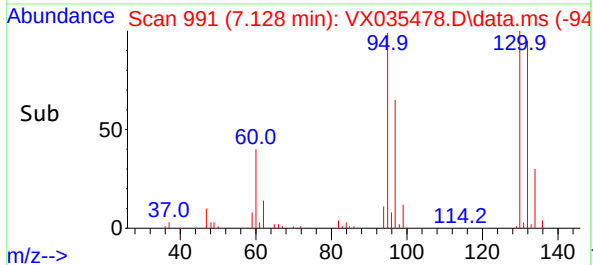
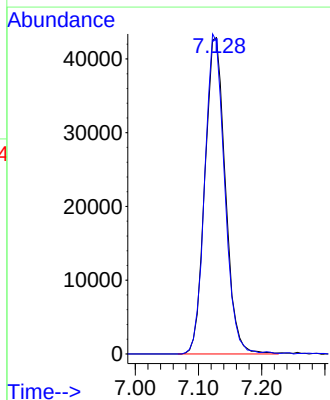
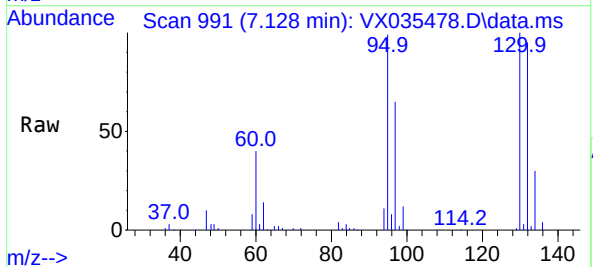
Instrument :
MSVOA_X
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DUP-1

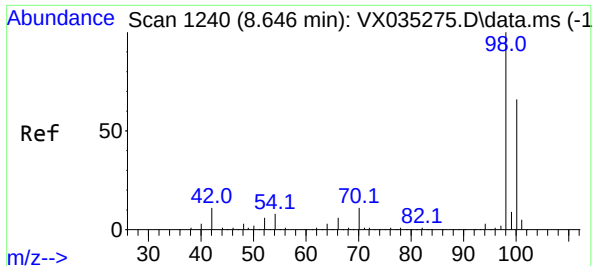
Tgt Ion: 83 Resp: 1119
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 182.0 40.4 60.6#



#44
Trichloroethene
Concen: 33.660 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion:130 Resp: 96186
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.4

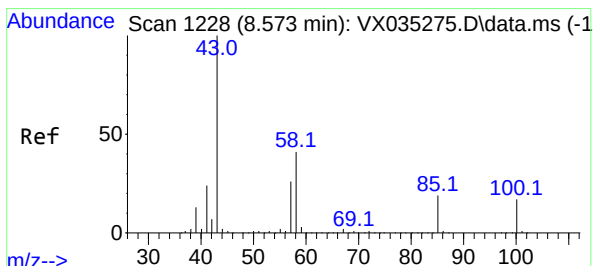
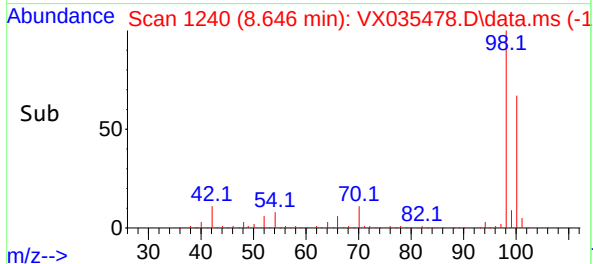
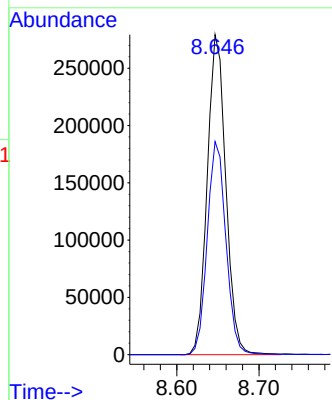
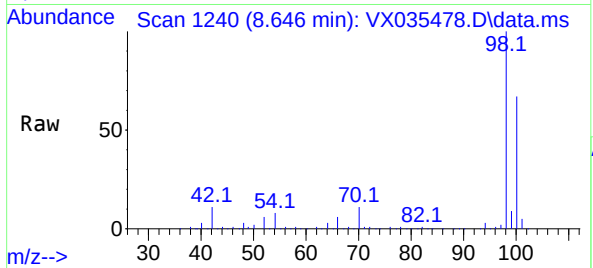




#50
Toluene-d8
Concen: 50.205 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

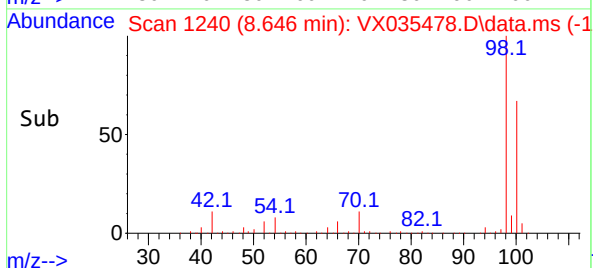
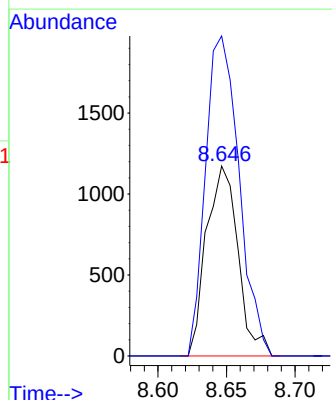
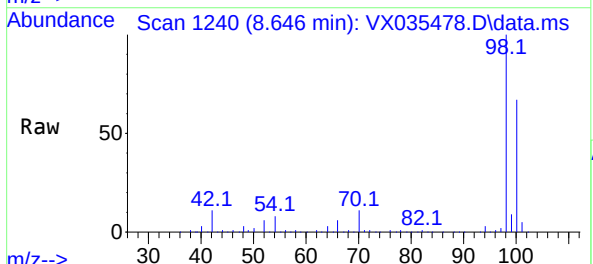
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

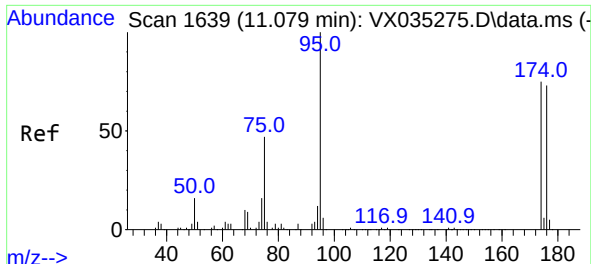
Tgt Ion: 98 Resp: 438593
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 178.5 30.6 46.0#

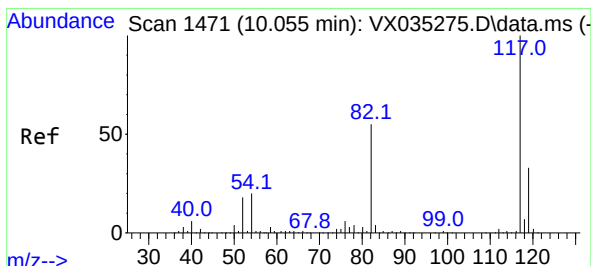
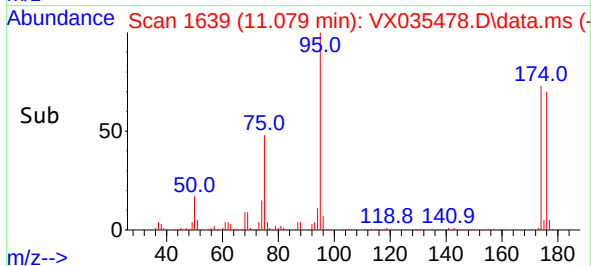
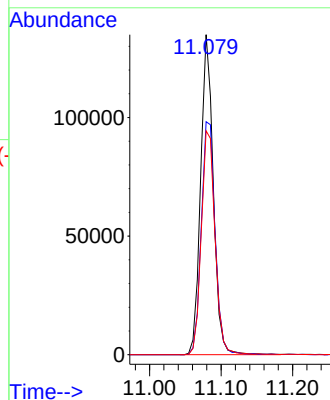
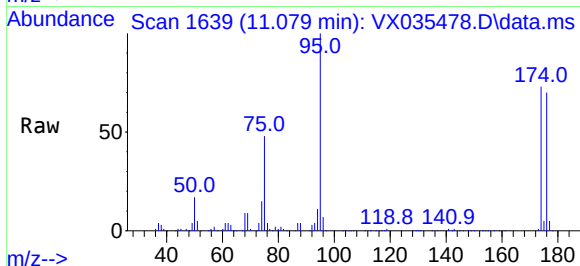




#62
4-Bromofluorobenzene
Concen: 50.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

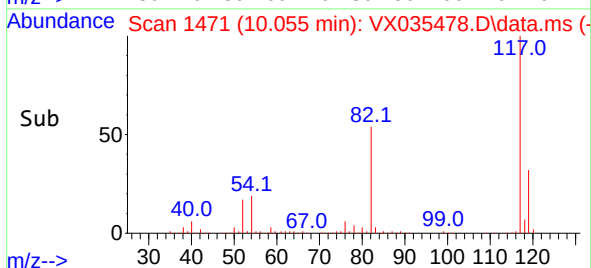
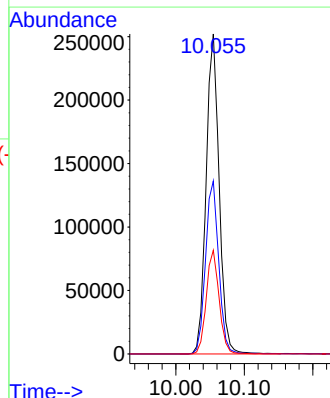
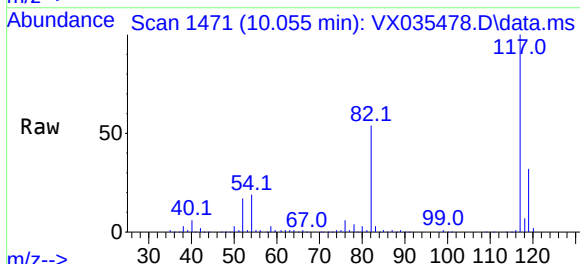
Instrument :
MSVOA_X
ClientSampleId :
DUP-1

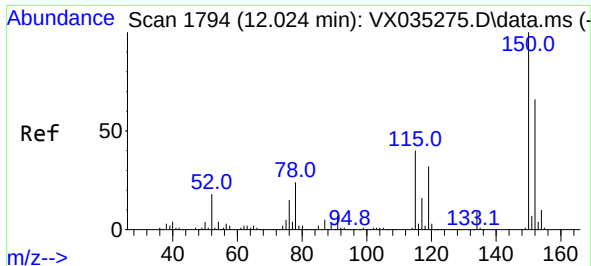
Tgt Ion: 95 Resp: 165740
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 76.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035478.D
Acq: 02 May 2023 14:49

Tgt Ion: 117 Resp: 332910
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.4 26.0 39.0

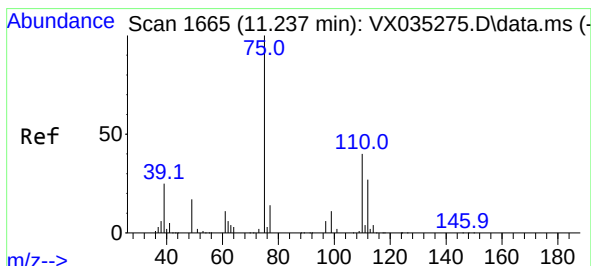
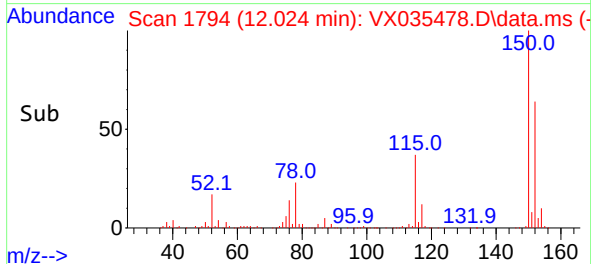
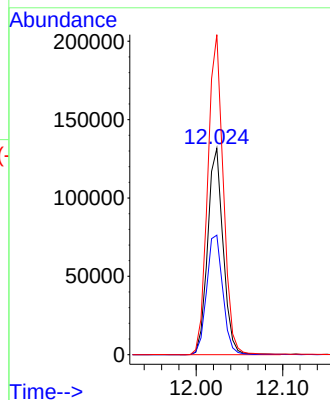
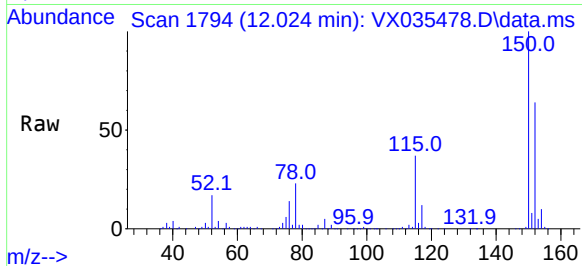




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035478.D
 Acq: 02 May 2023 14:49

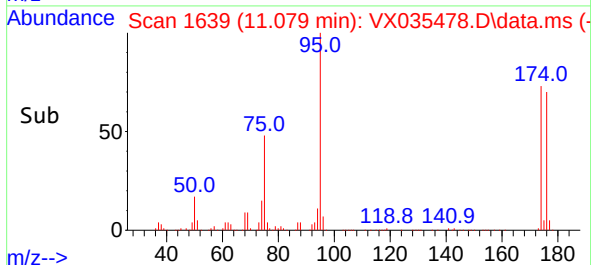
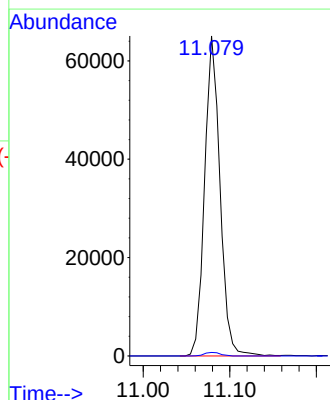
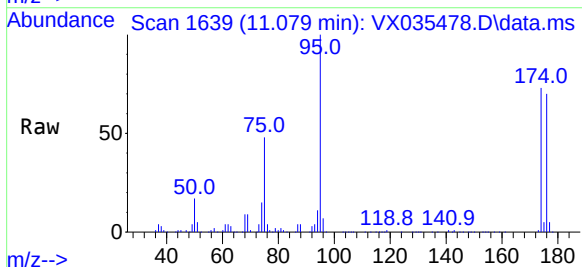
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

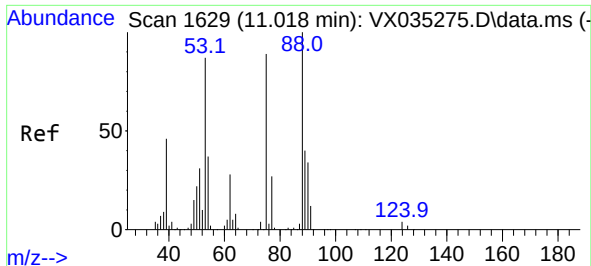
Tgt Ion:152 Resp: 163739
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.0 135.0
 150 156.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.594 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035478.D
 Acq: 02 May 2023 14:49

Tgt Ion: 75 Resp: 80331
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.657 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035478.D
 Acq: 02 May 2023 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Tgt Ion: 75 Resp: 80331
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

