

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035473.D
 Acq On : 02 May 2023 12:53
 Operator : JC/MD
 Sample : 02533-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-03

Quant Time: May 03 03:15:24 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)

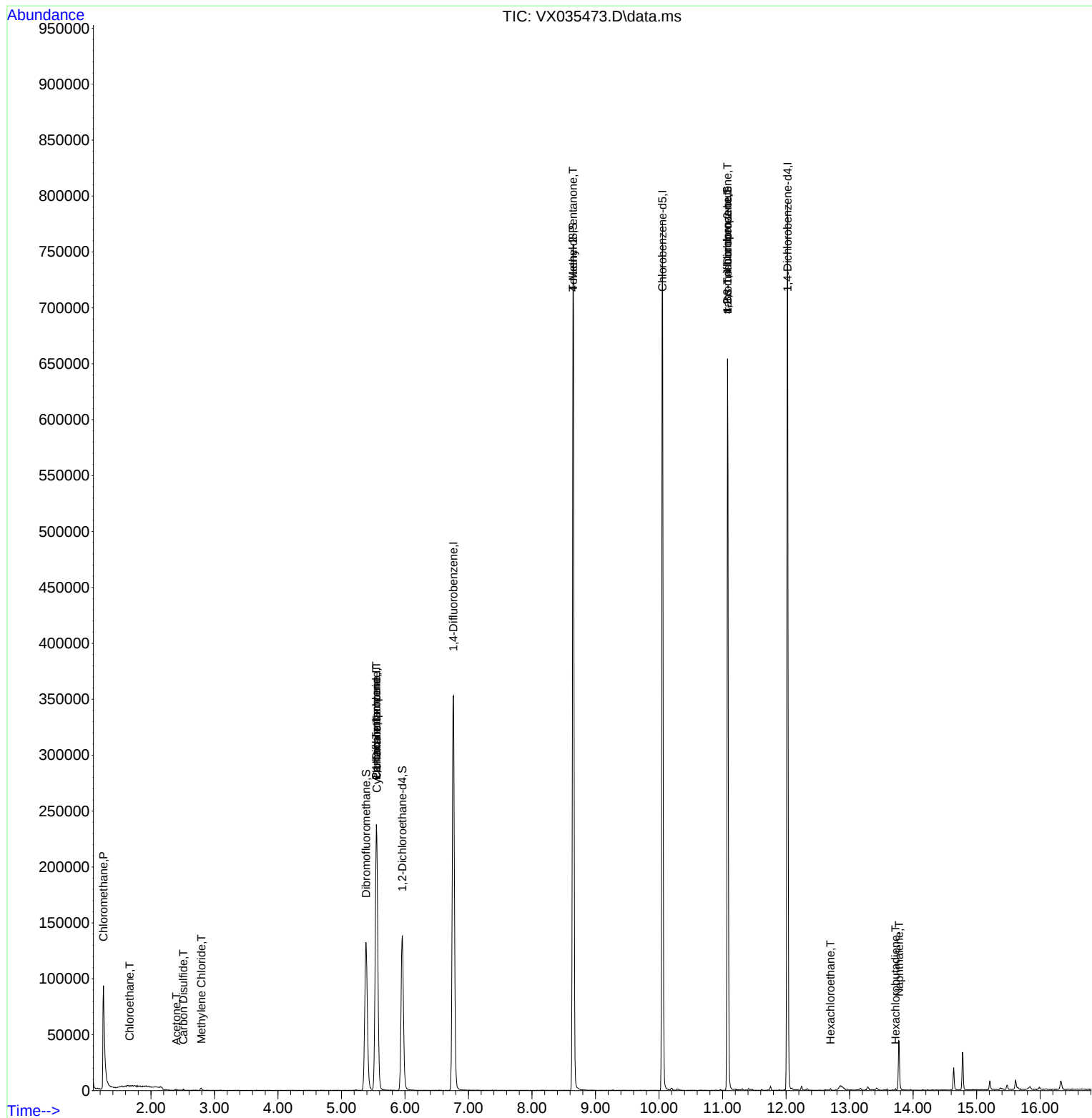
Internal Standards						
1) Pentafluorobenzene	5.550	168	235958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135199	47.493	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.980%
35) Dibromofluoromethane	5.385	113	117942	50.601	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	461797	52.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.040%
62) 4-Bromofluorobenzene	11.079	95	178213	53.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2888	1.272	ug/l #	42
6) Chloroethane	1.666	64	396	0.297	ug/l #	42
16) Acetone	2.398	43	903	0.730	ug/l #	82
17) Carbon Disulfide	2.508	76	1137	0.207	ug/l #	89
20) Methylene Chloride	2.794	84	1078	0.380	ug/l #	65
31) Cyclohexane	5.556	56	4181	1.035	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16395	4.505	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23092	6.684	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1840	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87031	24.581	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87031	79.612	ug/l #	8
90) Hexachloroethane	12.701	117	826	0.471	ug/l #	15
94) Hexachlorobutadiene	13.725	225	360	0.213	ug/l #	68
95) Naphthalene	13.780	128	32268	2.720	ug/l	99

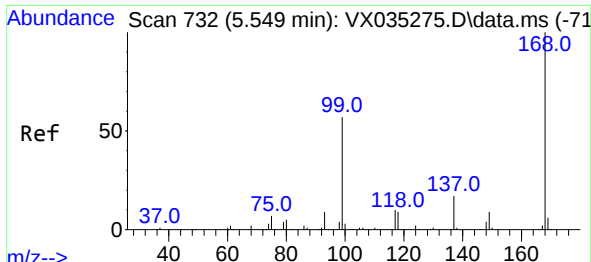
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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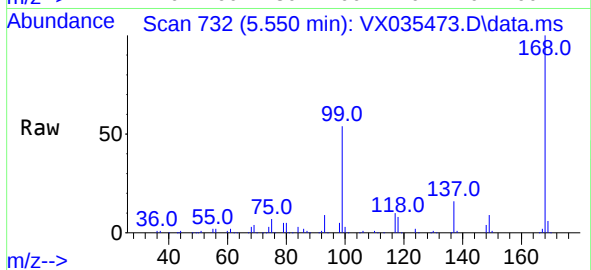
Quant Time: May 03 03:15:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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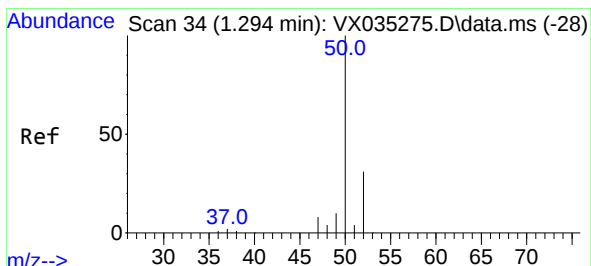
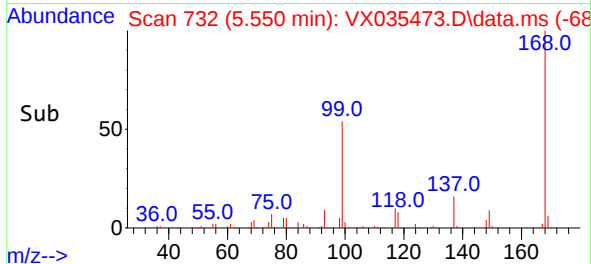
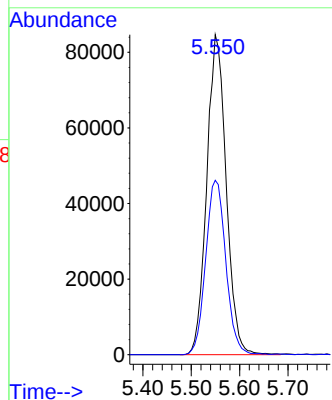


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Instrument :
MSVOA_X
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TB-03

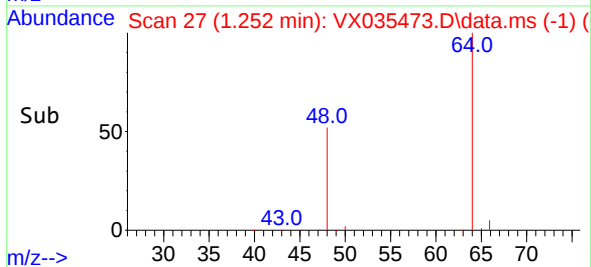
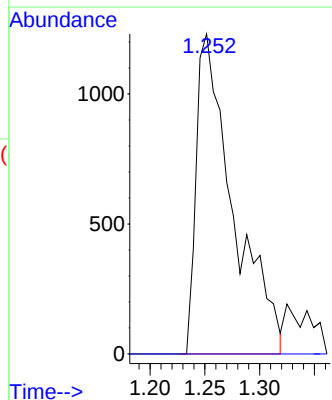
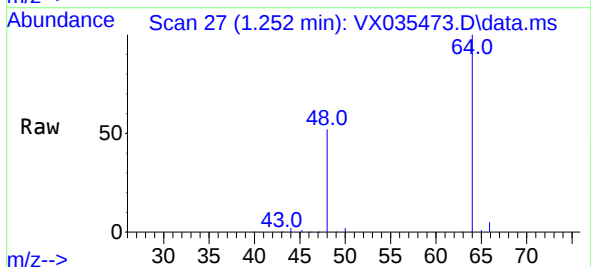


Tgt Ion:168 Resp: 235958
Ion Ratio Lower Upper
168 100
99 54.5 45.7 68.5

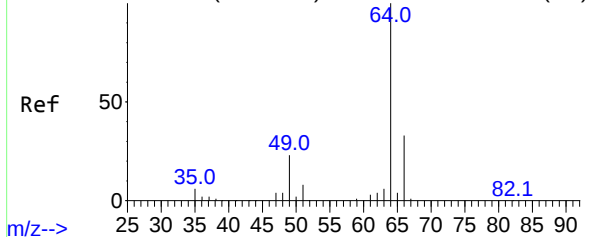


#3
Chloromethane
Concen: 1.272 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

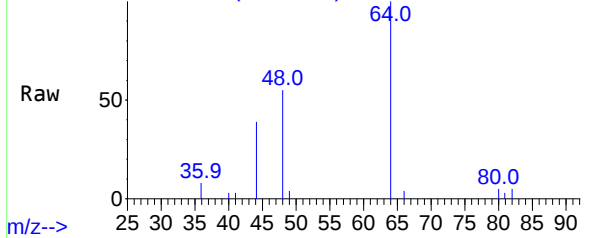
Tgt Ion: 50 Resp: 2888
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9



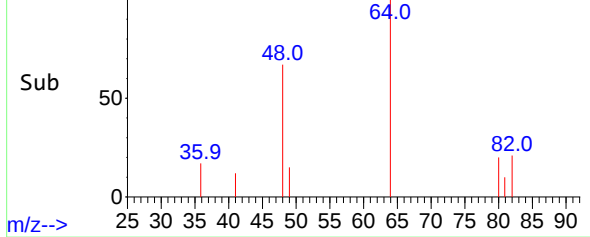
Abundance Scan 99 (1.690 min): VX035275.D\data.ms (-93)



Abundance Scan 95 (1.666 min): VX035473.D\data.ms



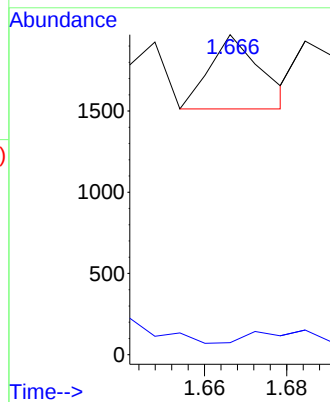
Abundance Scan 95 (1.666 min): VX035473.D\data.ms (-50)



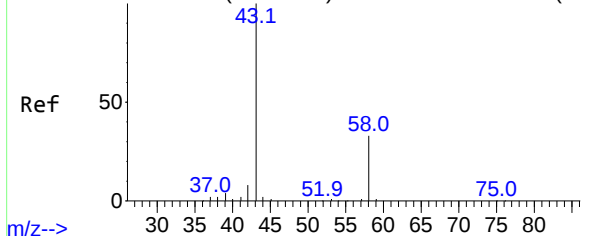
#6
Chloroethane
Concen: 0.297 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Instrument :
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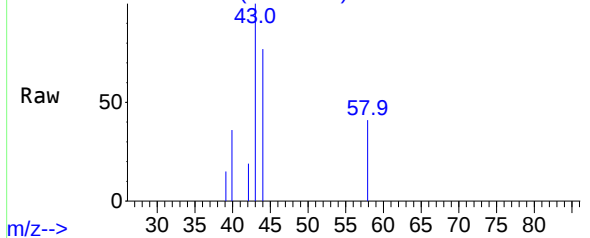
Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



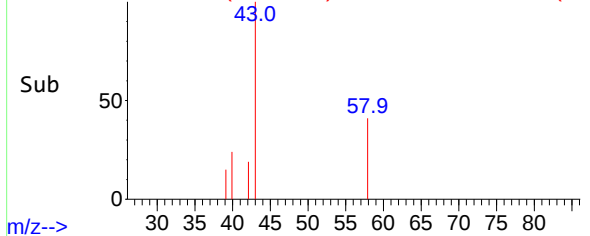
Abundance Scan 215 (2.398 min): VX035275.D\data.ms (-20)



Abundance Scan 215 (2.398 min): VX035473.D\data.ms

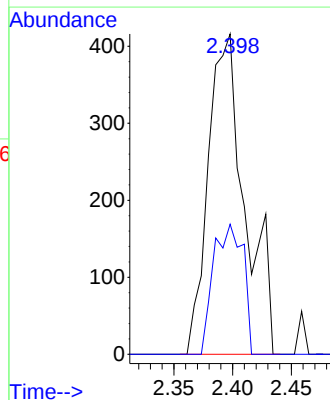


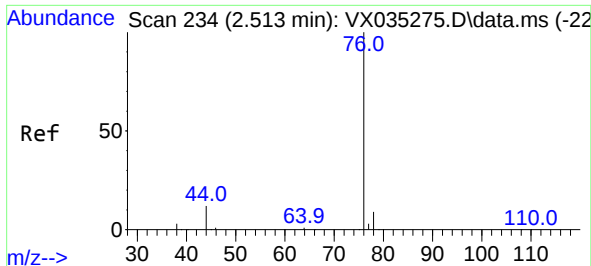
Abundance Scan 215 (2.398 min): VX035473.D\data.ms (-16)



#16
Acetone
Concen: 0.730 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 40.6 24.7 37.1#

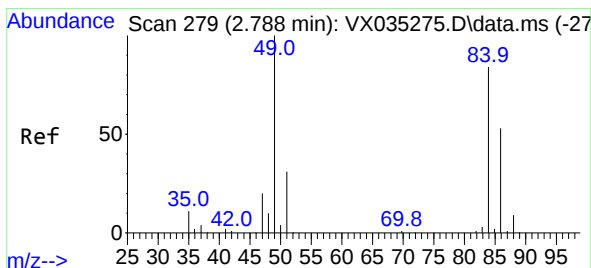
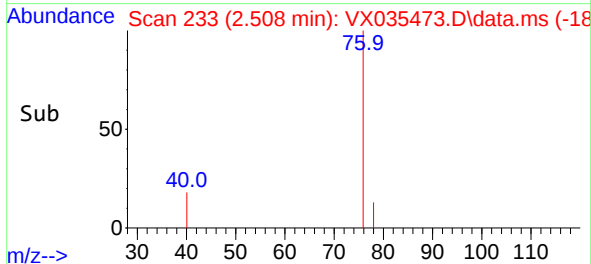
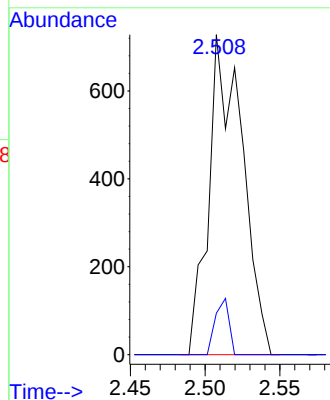
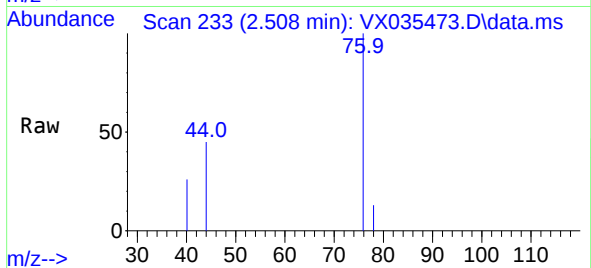




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

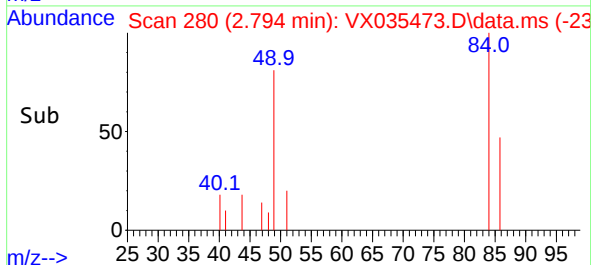
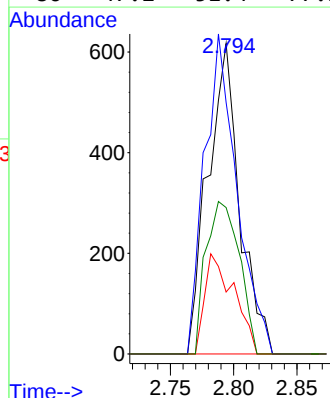
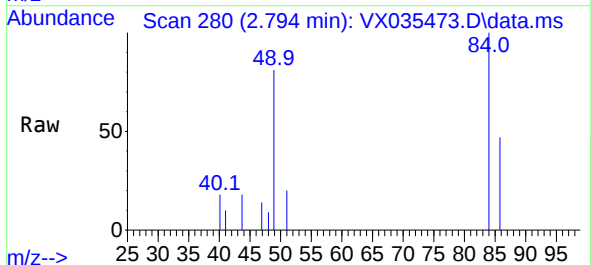
Instrument :
MSVOA_X
ClientSampleId :
TB-03

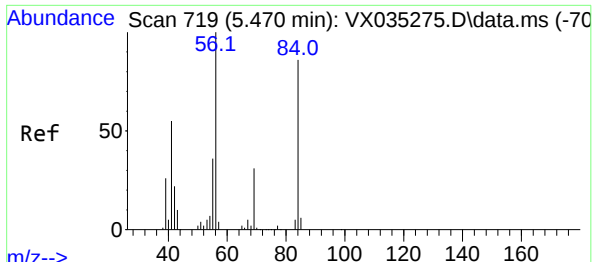
Tgt Ion: 76 Resp: 1137
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#



#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 84 Resp: 1078
Ion Ratio Lower Upper
84 100
49 81.0 103.8 155.8#
51 19.9 31.8 47.8#
86 47.2 51.4 77.2#

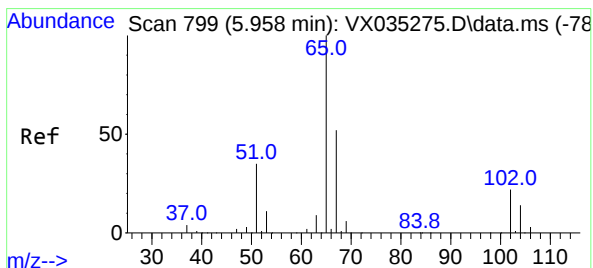
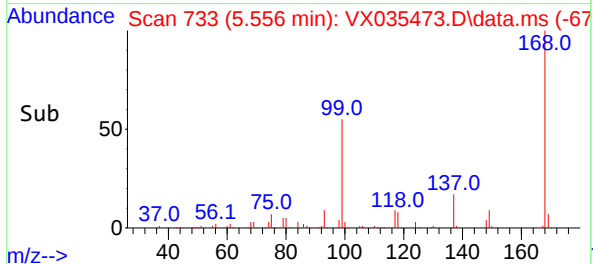
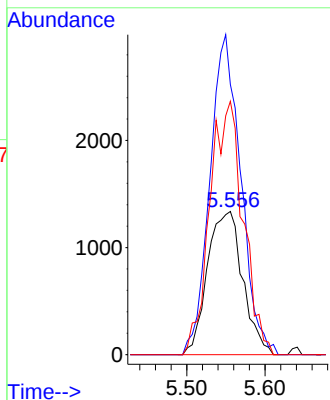
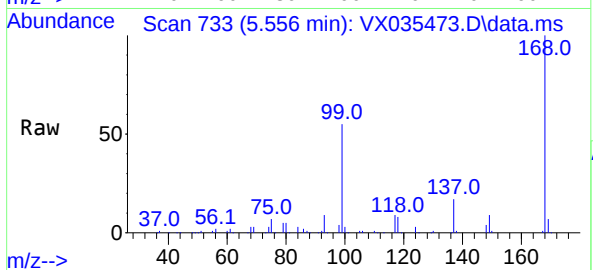




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

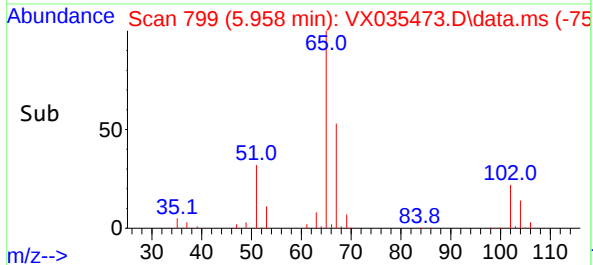
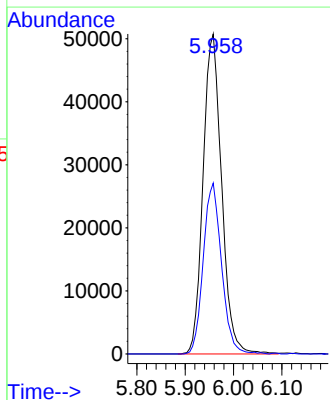
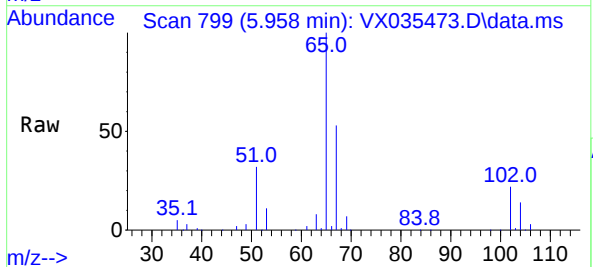
Instrument :
MSVOA_X
ClientSampleId :
TB-03

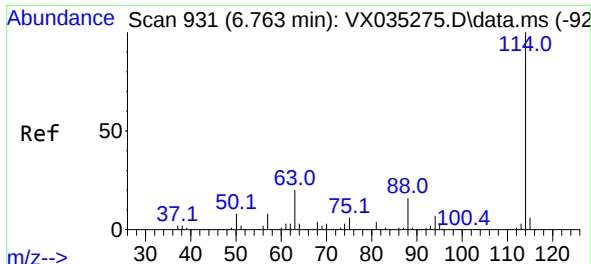
Tgt Ion: 56 Resp: 4181
Ion Ratio Lower Upper
56 100
69 188.8 23.7 35.5#
84 177.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.493 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 65 Resp: 135199
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

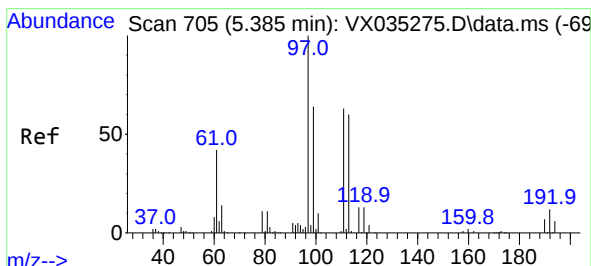
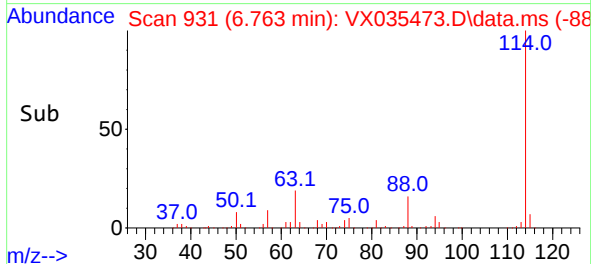
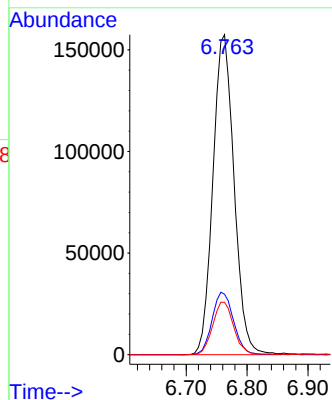
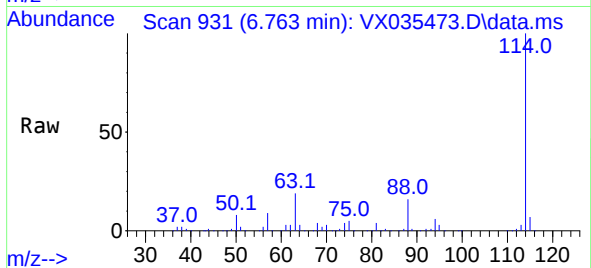




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

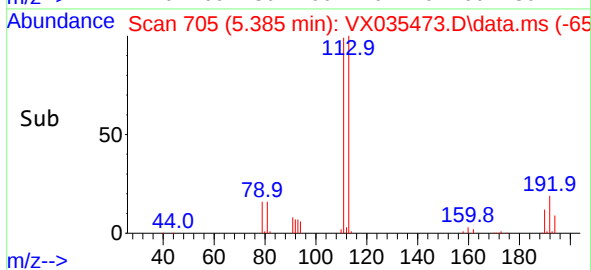
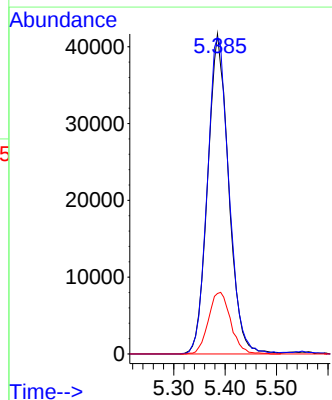
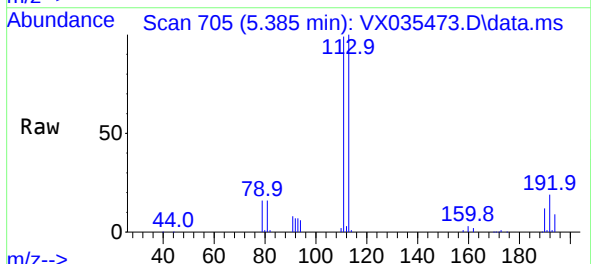
Instrument :
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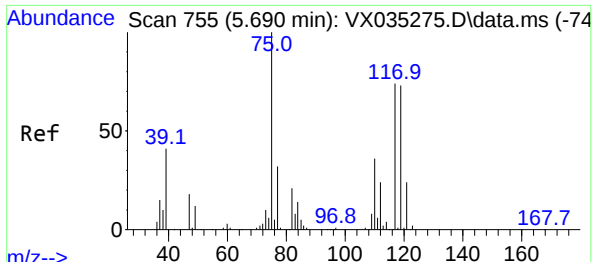
Tgt Ion:114 Resp: 379755
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.601 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion:113 Resp: 117942
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 20.4 15.4 23.2

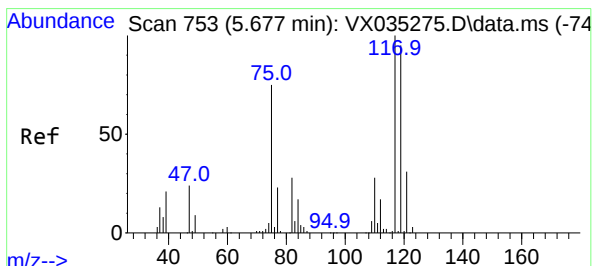
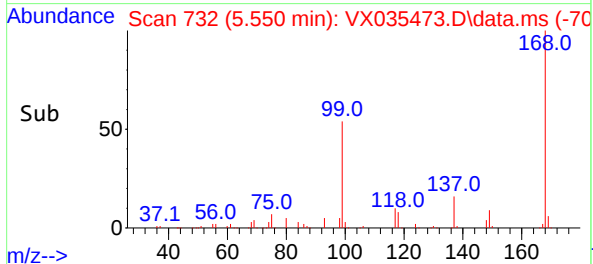
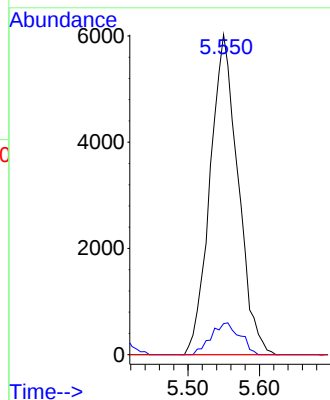
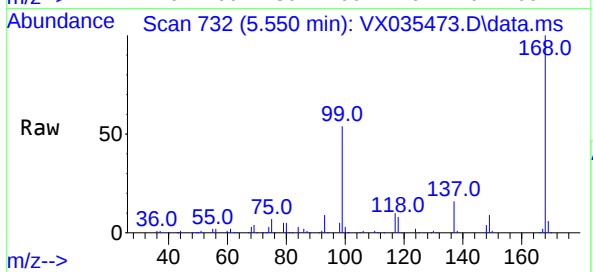




#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

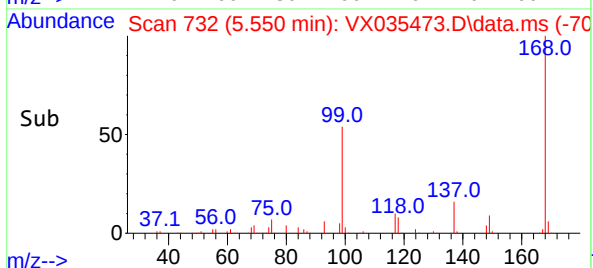
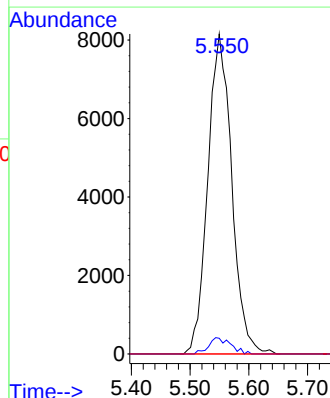
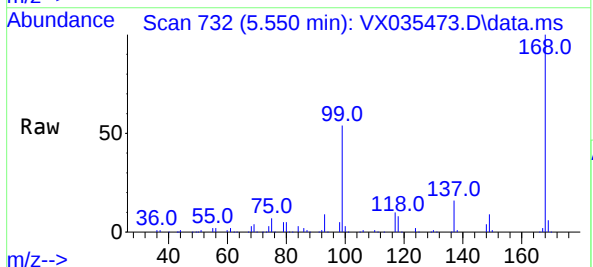
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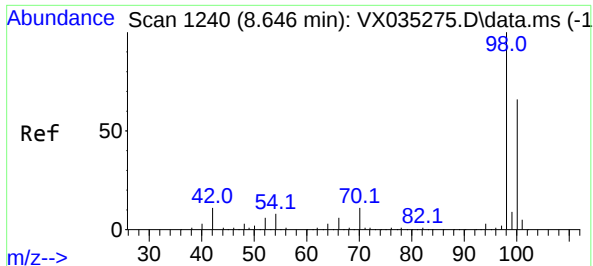
Tgt Ion: 75 Resp: 16395
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 117 Resp: 23092
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 52.521 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035473.D

Acq: 02 May 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

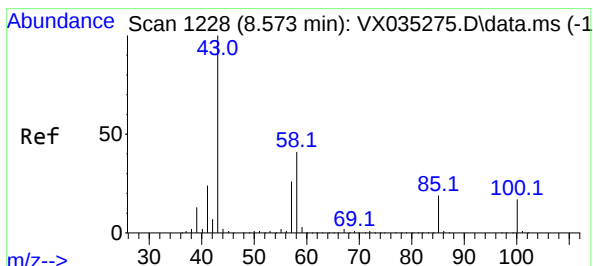
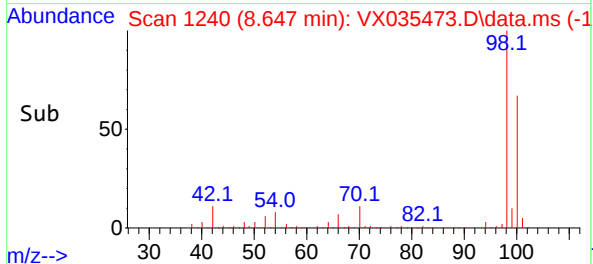
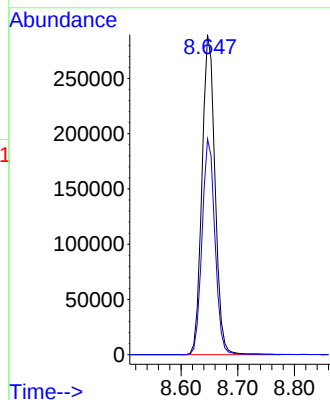
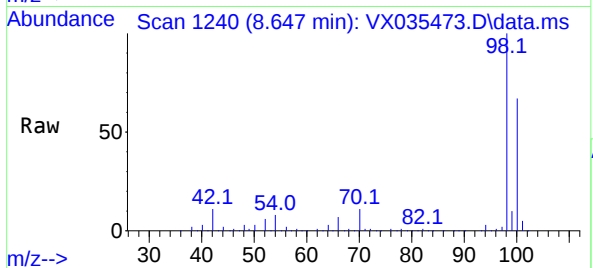
TB-03

Tgt Ion: 98 Resp: 461797

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.536 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035473.D

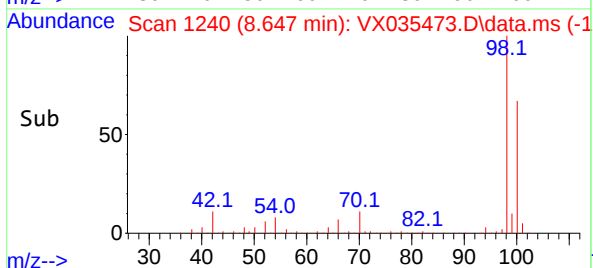
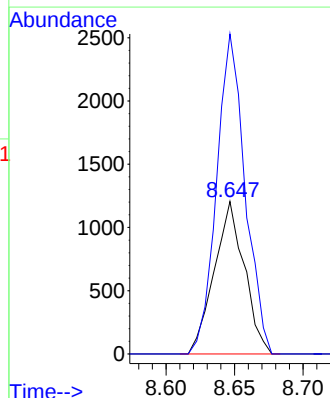
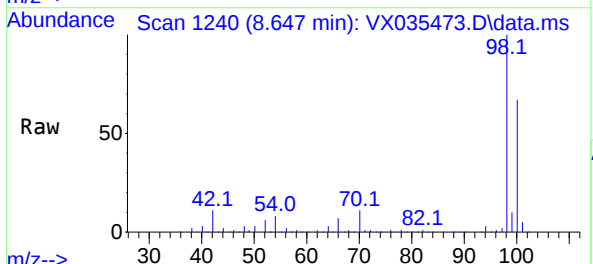
Acq: 02 May 2023 12:53

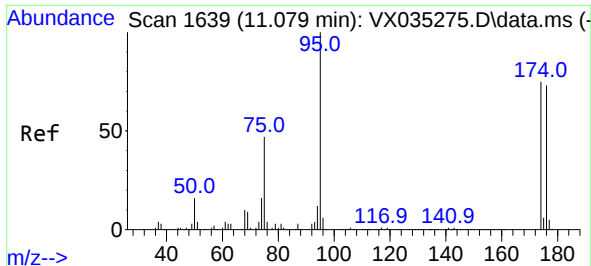
Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 198.8 30.6 46.0#

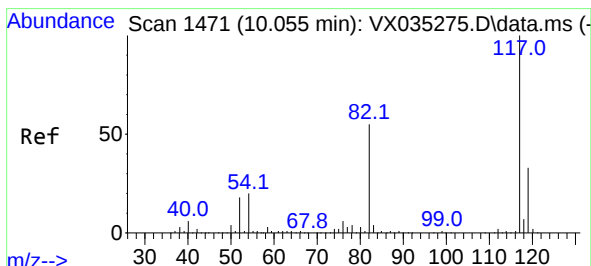
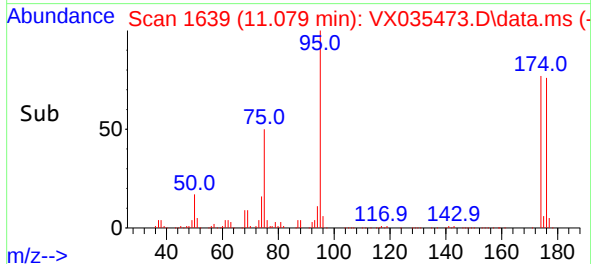
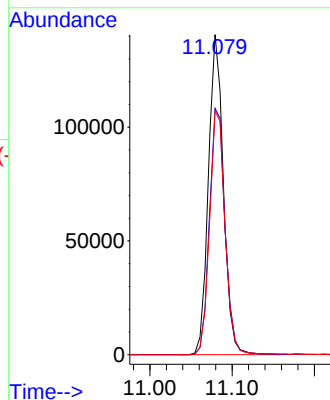
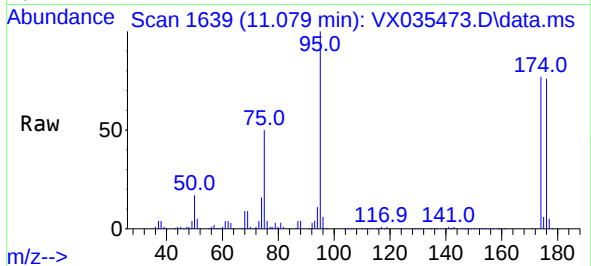




#62
4-Bromofluorobenzene
Concen: 53.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

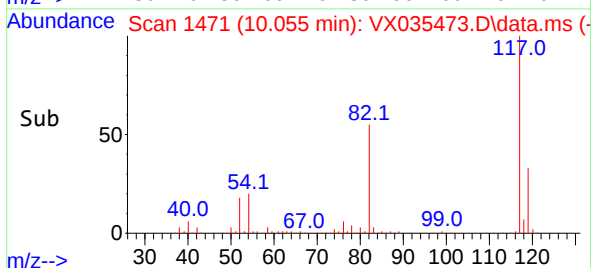
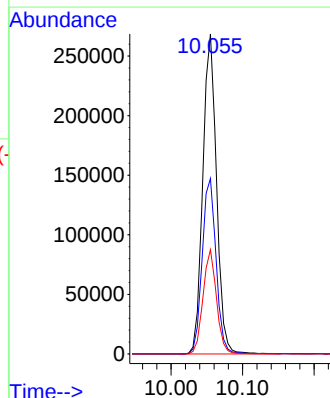
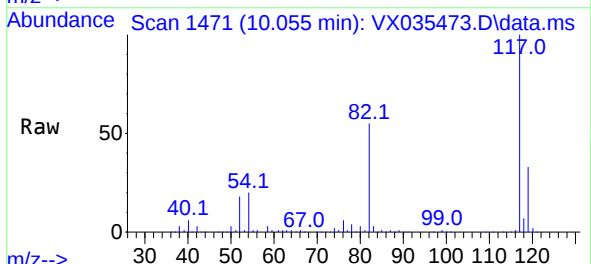
Instrument :
MSVOA_X
ClientSampleId :
TB-03

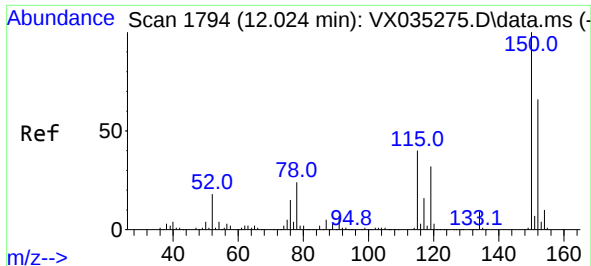
Tgt Ion: 95 Resp: 178213
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.4
176 78.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 117 Resp: 358381
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.6 26.0 39.0

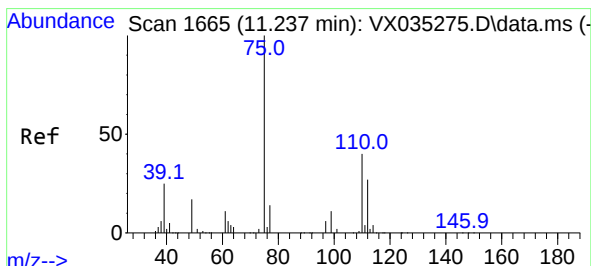
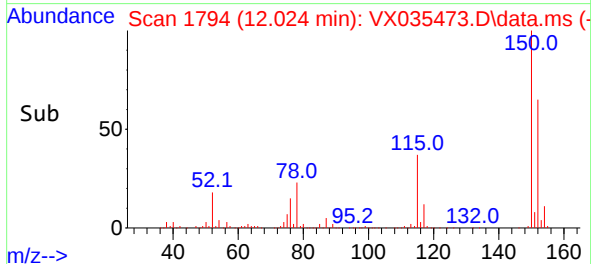
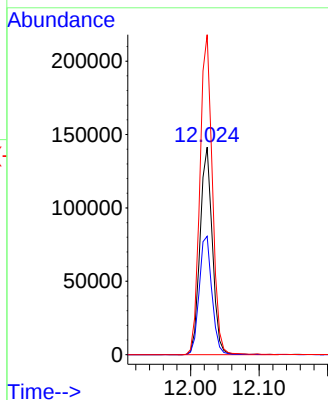
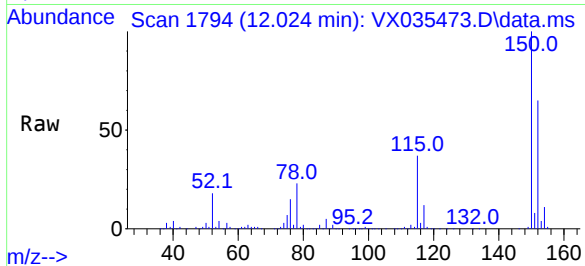




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

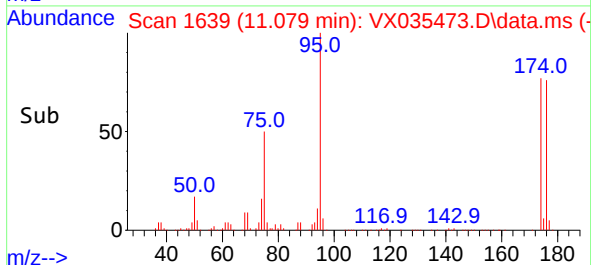
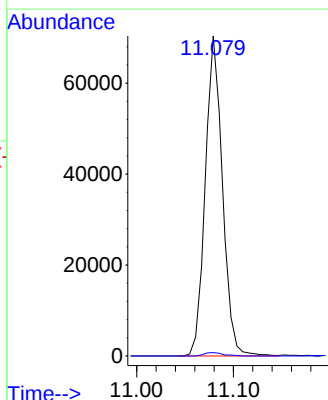
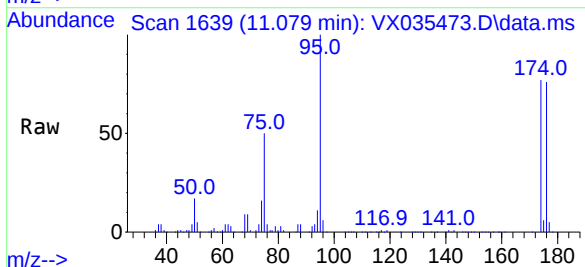
Instrument :
MSVOA_X
ClientSampleId :
TB-03

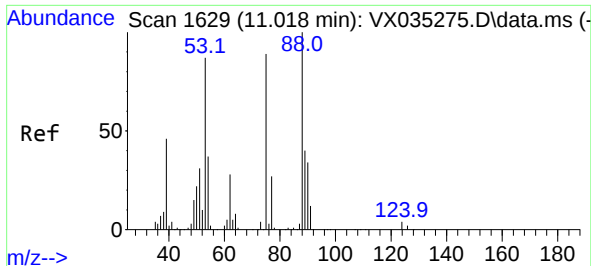
Tgt Ion:152 Resp: 177496
Ion Ratio Lower Upper
152 100
115 58.8 45.0 135.0
150 155.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 24.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 75 Resp: 87031
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

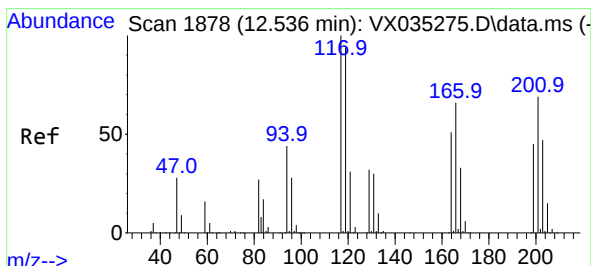
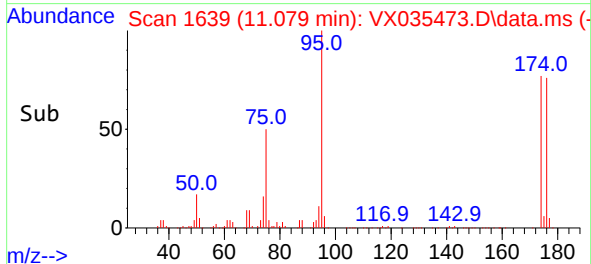
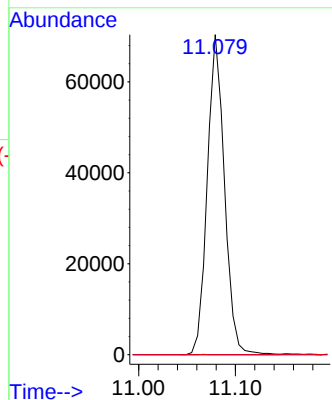
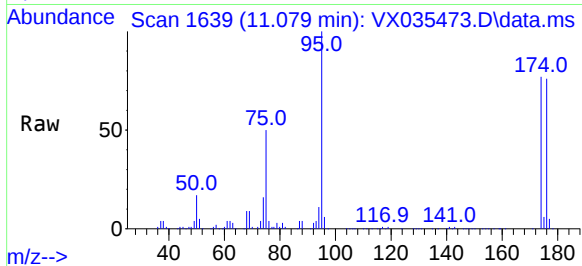




#81
trans-1,4-Dichloro-2-butene
Concen: 79.612 ug/l
RT: 11.079 min Scan# 1105
Delta R.T. 0.061 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

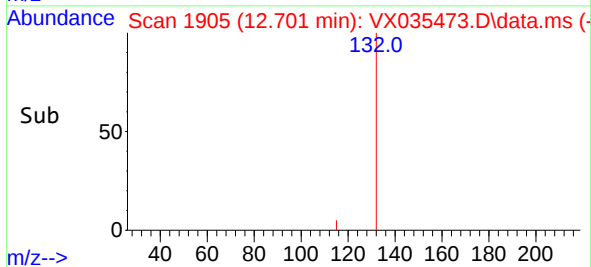
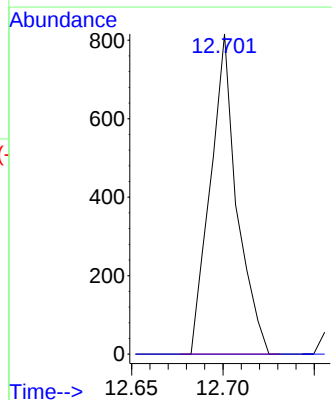
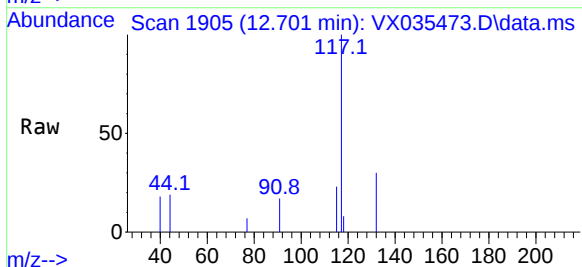
Instrument :
MSVOA_X
ClientSampleId :
TB-03

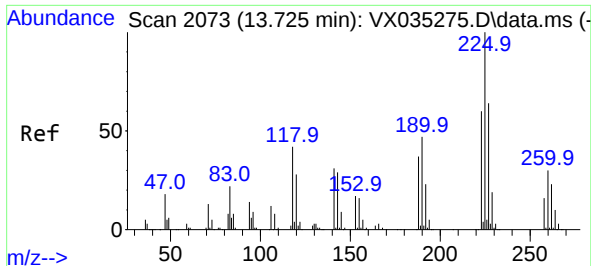
Tgt Ion: 75 Resp: 87031
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.471 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion: 117 Resp: 826
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#

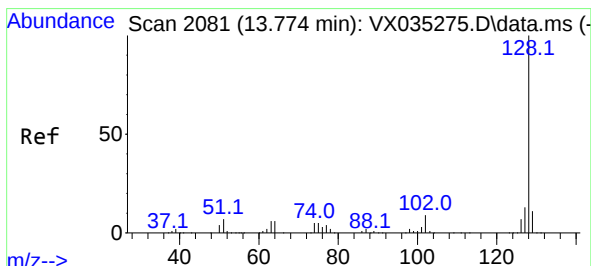
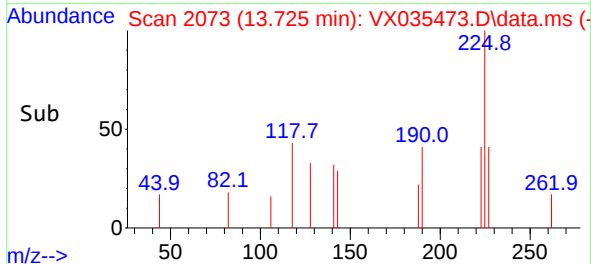
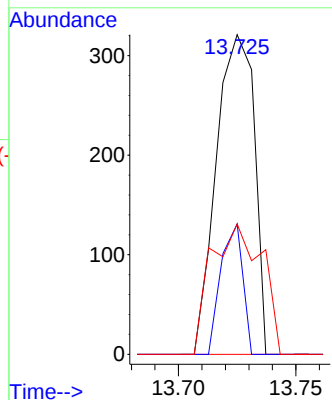
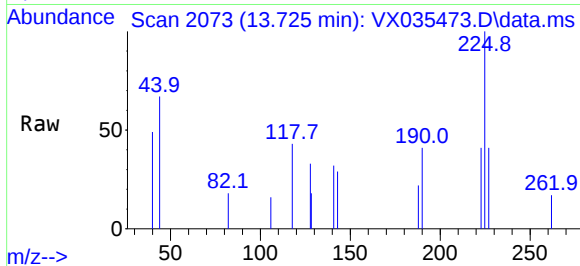




#94
Hexachlorobutadiene
Concen: 0.213 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Instrument :
MSVOA_X
ClientSampleId :
TB-03

Tgt Ion:	225	Resp:	360
Ion	Ratio	Lower	Upper
225	100		
223	23.6	32.1	96.5#
227	54.4	31.8	95.4



#95
Naphthalene
Concen: 2.720 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035473.D
Acq: 02 May 2023 12:53

Tgt Ion:	128	Resp:	32268
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.4	8.6	13.0

