

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035475.D
 Acq On : 02 May 2023 13:39
 Operator : JC/MD
 Sample : 02521-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: May 03 03:15:41 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	229556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135866	49.059	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.120%
35) Dibromofluoromethane	5.385	113	117125	50.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	8.647	98	439719	50.350	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	174258	53.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.080%

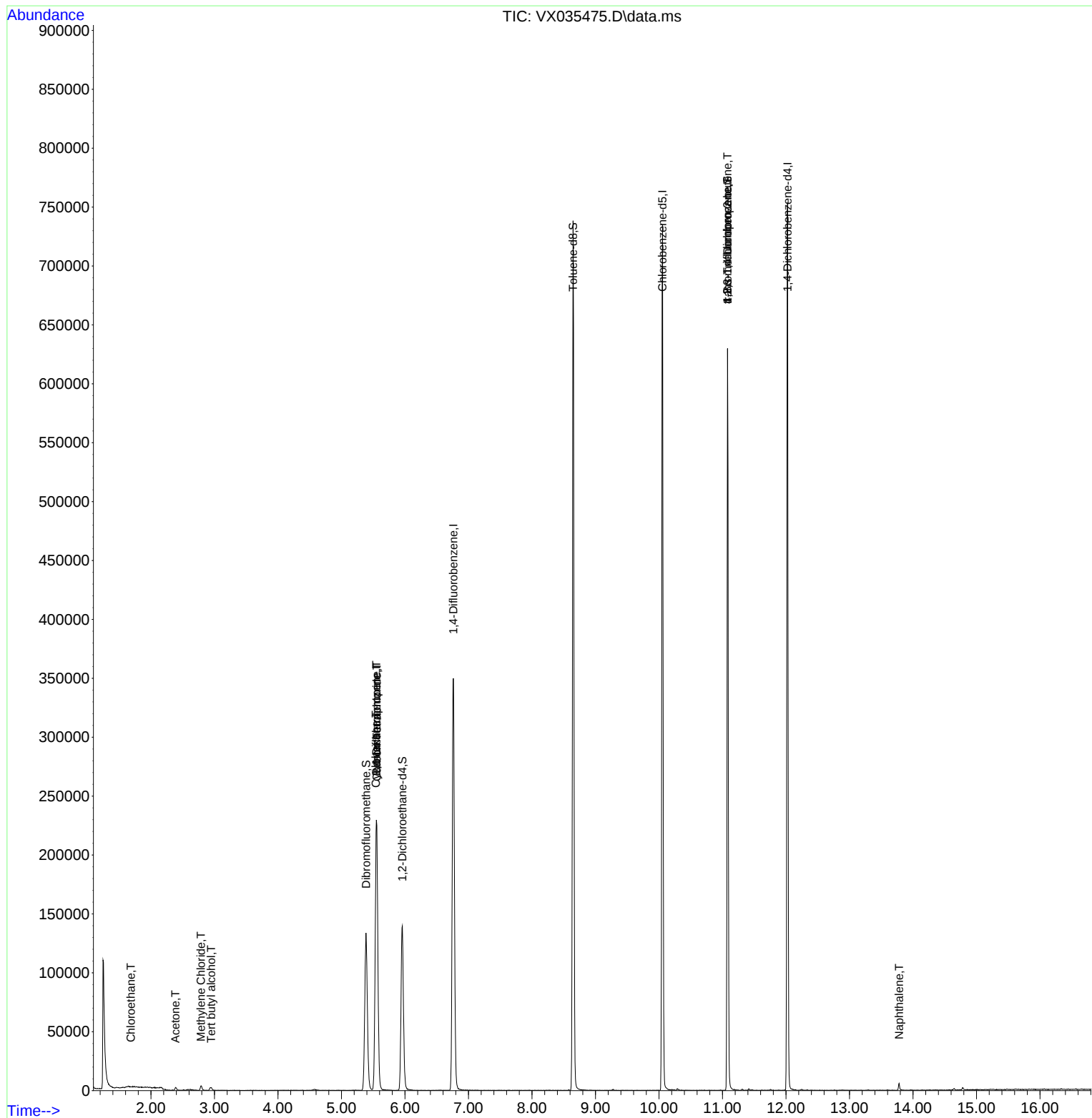
Target Compounds			Qvalue			
6) Chloroethane	1.685	64	460	0.355	ug/l #	42
11) Tert butyl alcohol	2.947	59	1865	3.698	ug/l #	73
16) Acetone	2.386	43	2939	2.443	ug/l	96
20) Methylene Chloride	2.788	84	1873	0.679	ug/l #	84
31) Cyclohexane	5.544	56	4286	1.091	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	16432	4.546	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22929	6.682	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	84445	25.221	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84445	81.686	ug/l #	8
95) Naphthalene	13.780	128	4493	0.401	ug/l #	95

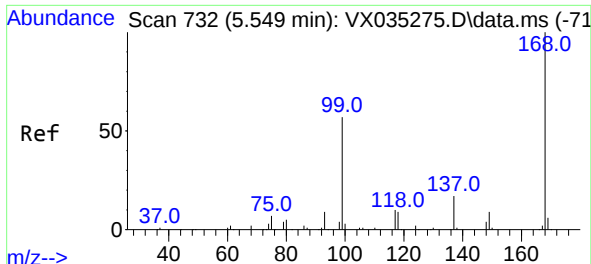
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 03 03:15:41 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

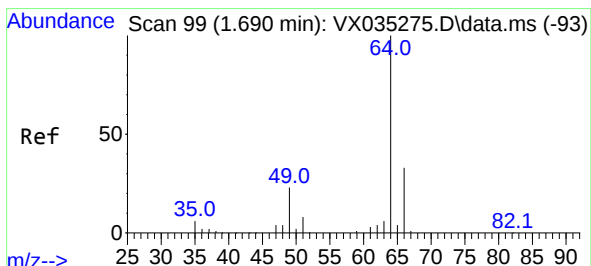
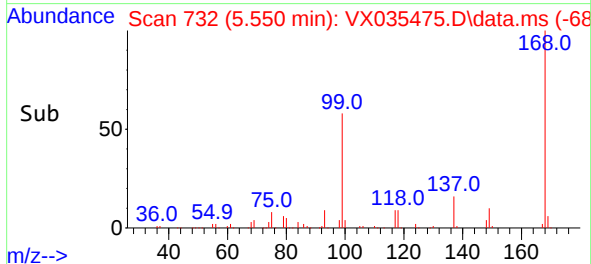
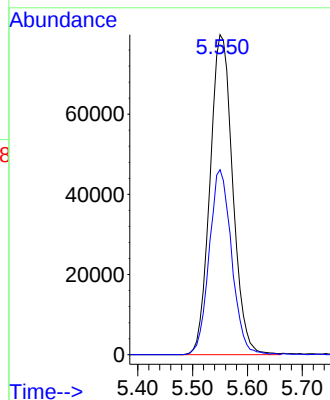
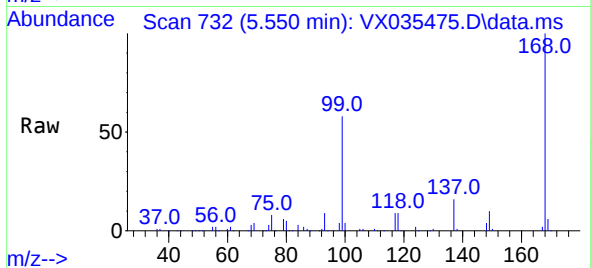




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

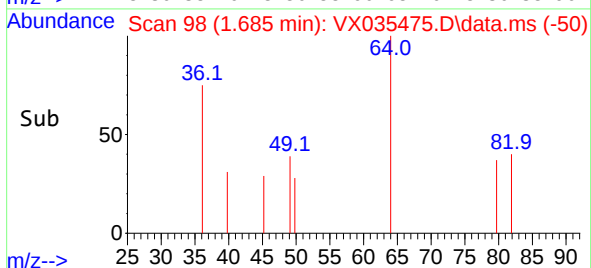
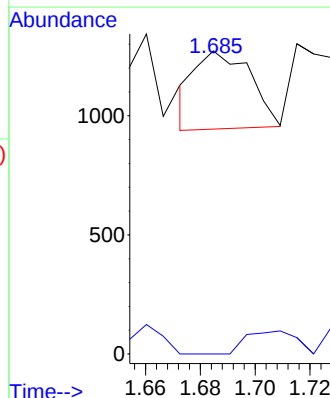
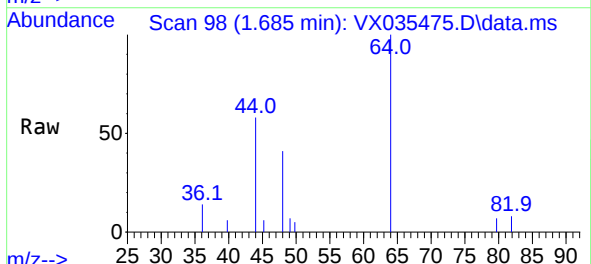
Instrument :
MSVOA_X
ClientSampleId :
FB

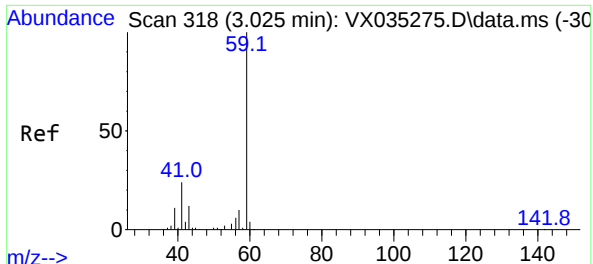
Tgt Ion:168 Resp: 229556
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5



#6
Chloroethane
Concen: 0.355 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.005 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Tgt Ion: 64 Resp: 460
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: 3.698 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.078 min

Lab File: VX035475.D

Acq: 02 May 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

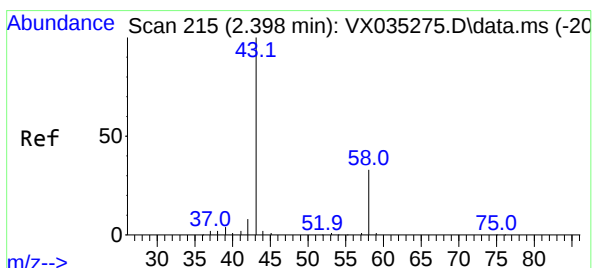
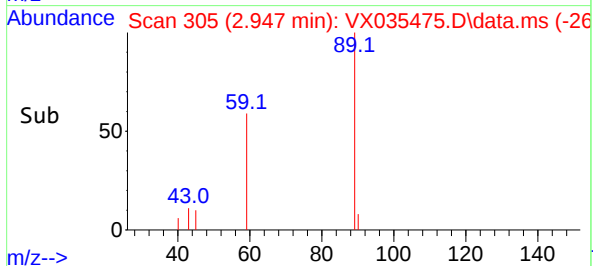
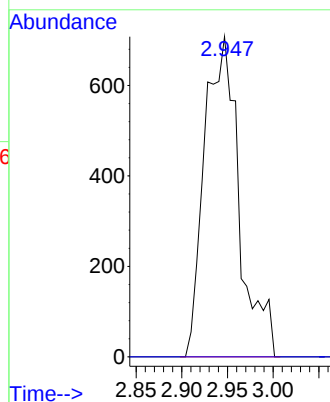
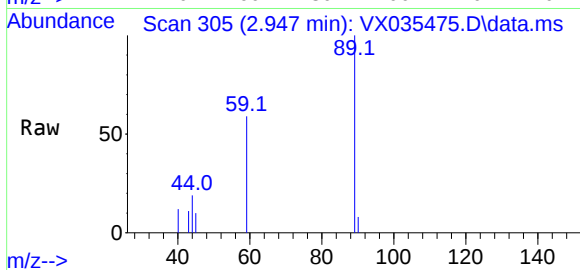
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Tgt Ion: 59 Resp: 1865

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 2.443 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035475.D

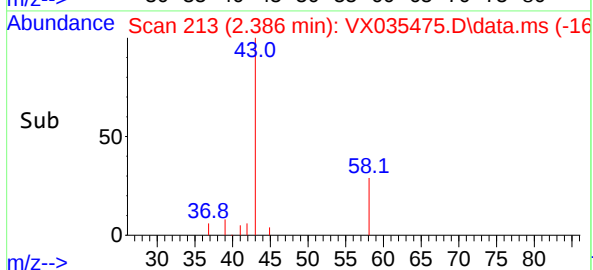
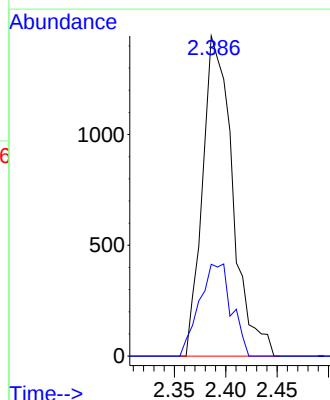
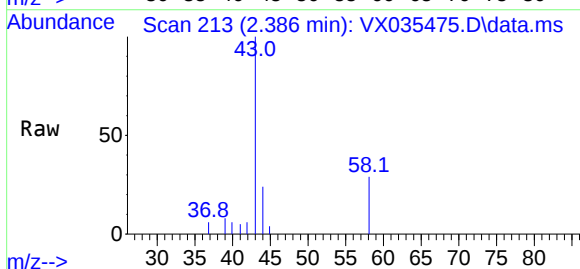
Acq: 02 May 2023 13:39

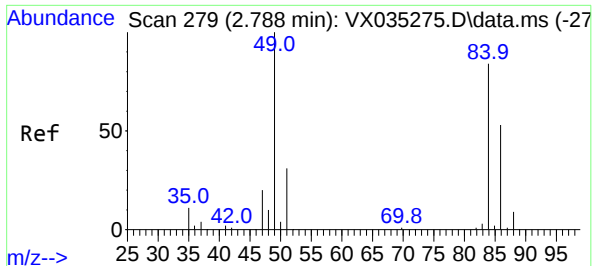
Tgt Ion: 43 Resp: 2939

Ion Ratio Lower Upper

43 100

58 28.7 24.7 37.1





#20

Methylene Chloride

Concen: 0.679 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035475.D

Acq: 02 May 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

FB

Tgt Ion: 84 Resp: 1873

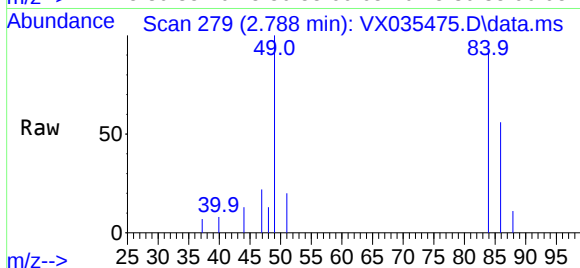
Ion Ratio Lower Upper

84 100

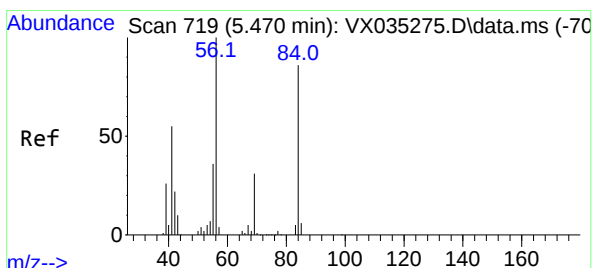
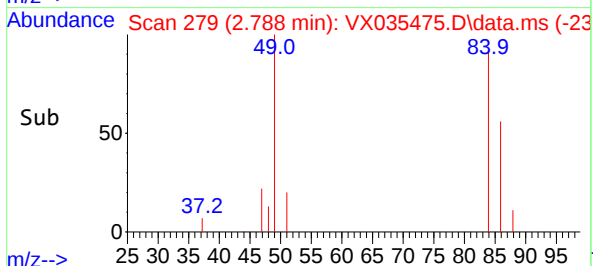
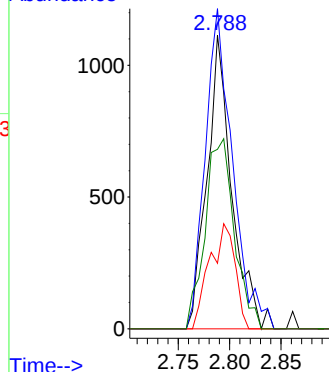
49 109.0 103.8 155.8

51 22.3 31.8 47.8#

86 61.1 51.4 77.2



Abundance



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX035475.D

Acq: 02 May 2023 13:39

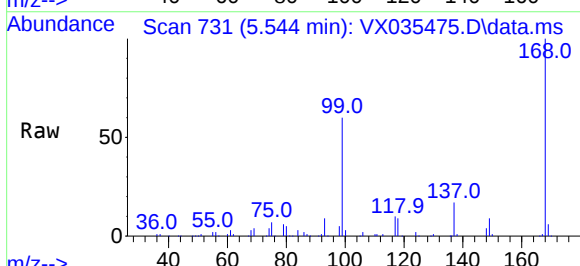
Tgt Ion: 56 Resp: 4286

Ion Ratio Lower Upper

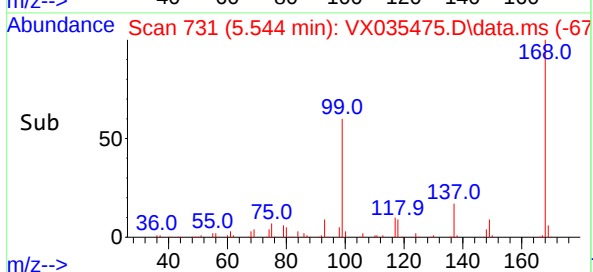
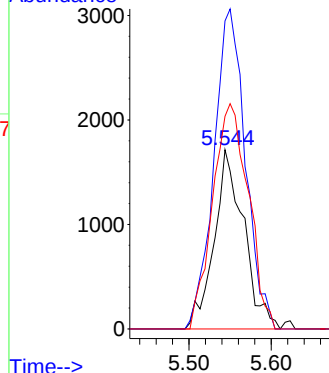
56 100

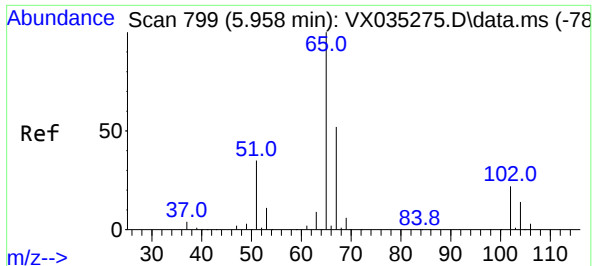
69 171.9 23.7 35.5#

84 118.7 68.5 102.7#



Abundance

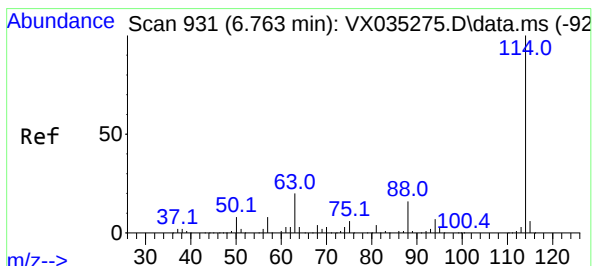
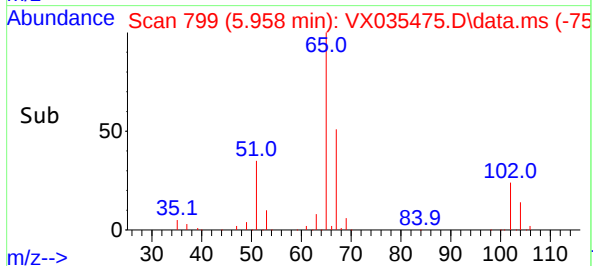
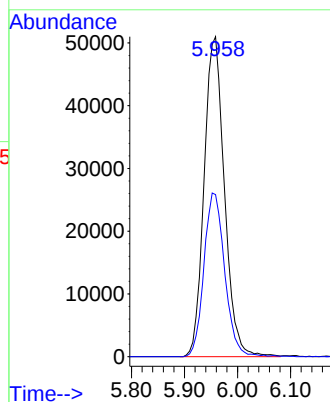
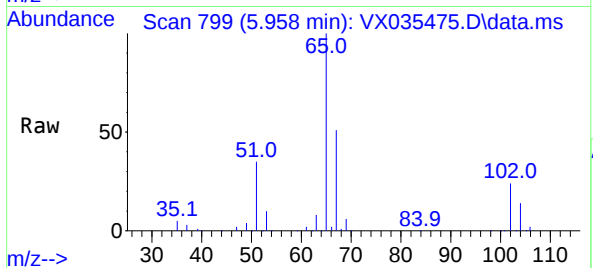




#33
 1,2-Dichloroethane-d4
 Concen: 49.059 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035475.D
 Acq: 02 May 2023 13:39

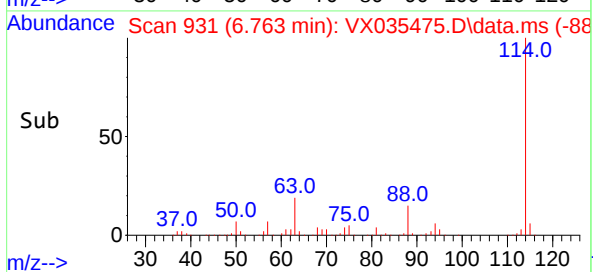
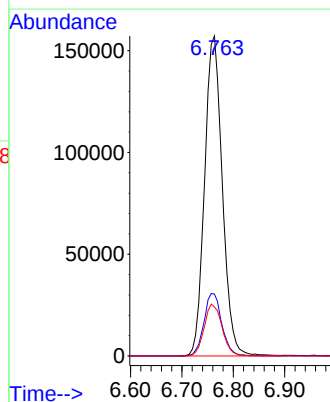
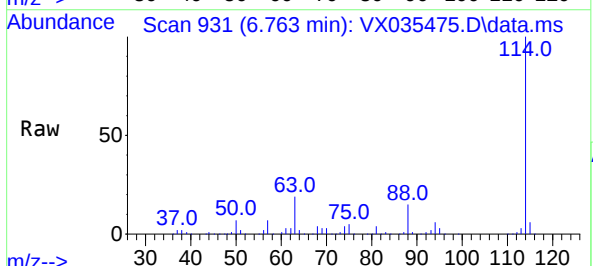
Instrument :
 MSVOA_X
 ClientSampleId :
 FB

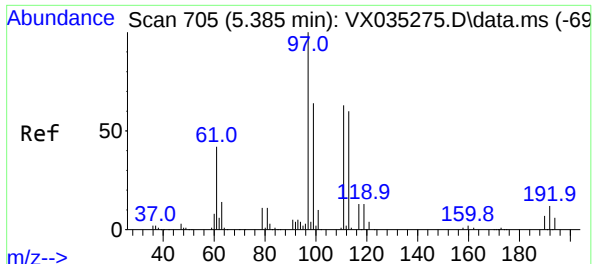
Tgt Ion: 65 Resp: 135866
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035475.D
 Acq: 02 May 2023 13:39

Tgt Ion: 114 Resp: 377193
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.2
 88 15.3 0.0 33.2

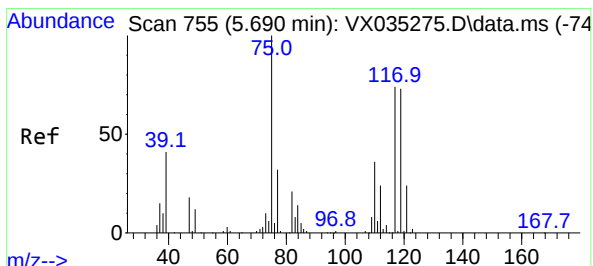
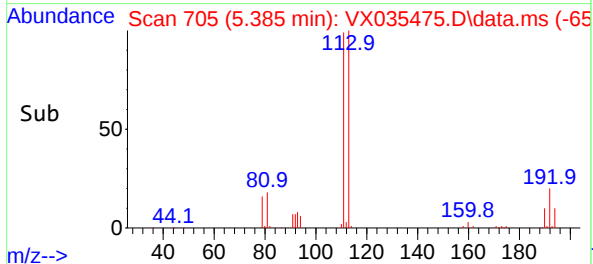
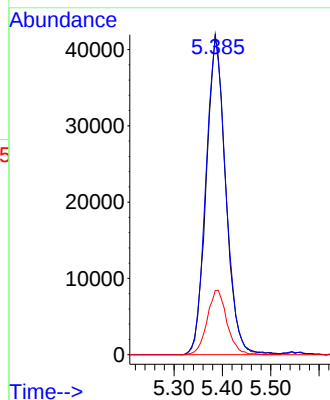
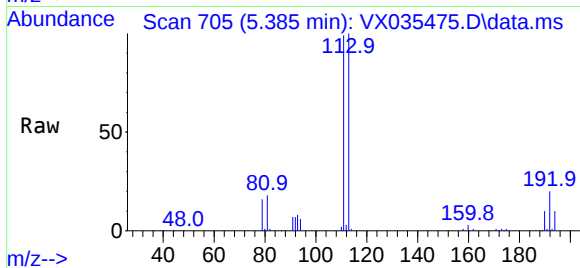




#35
Dibromofluoromethane
Concen: 50.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

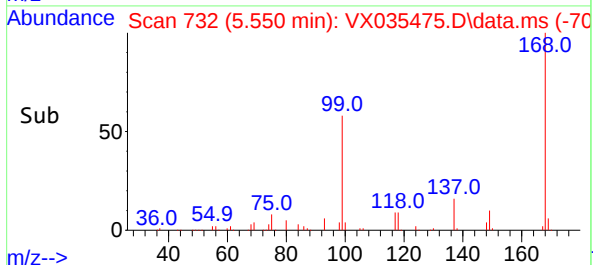
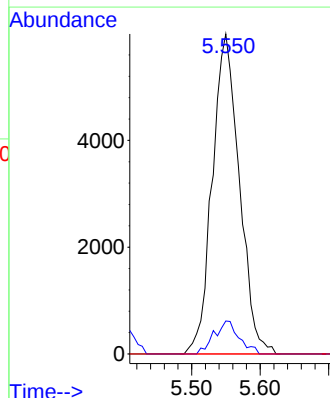
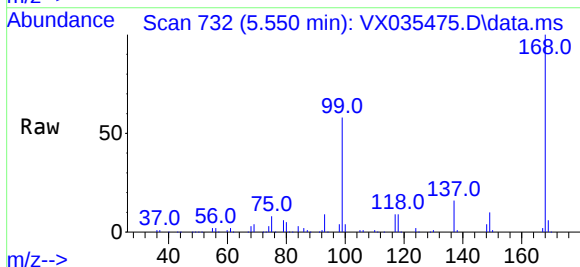
Instrument :
MSVOA_X
ClientSampleId :
FB

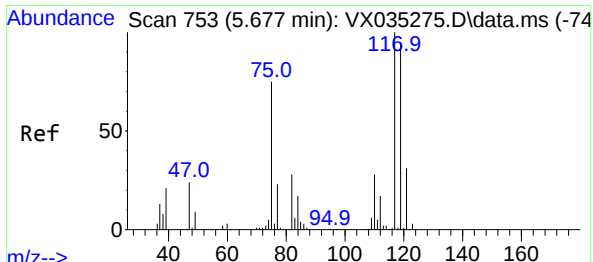
Tgt Ion:113 Resp: 117125
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 20.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.546 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

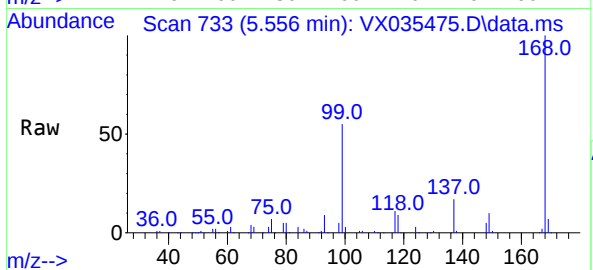
Tgt Ion: 75 Resp: 16432
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



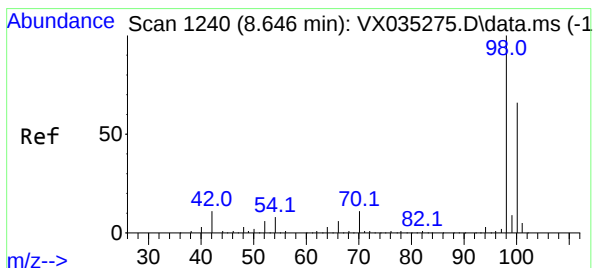
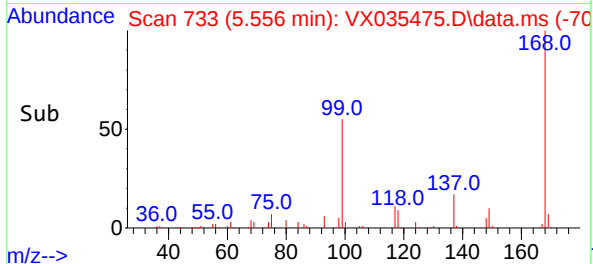
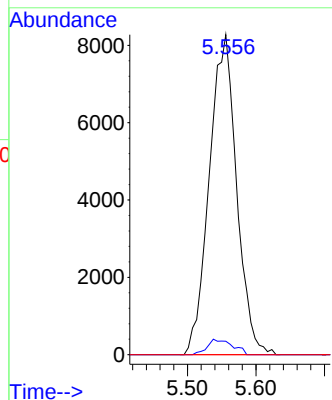


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
FB

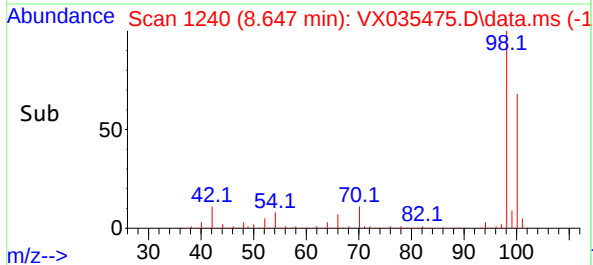
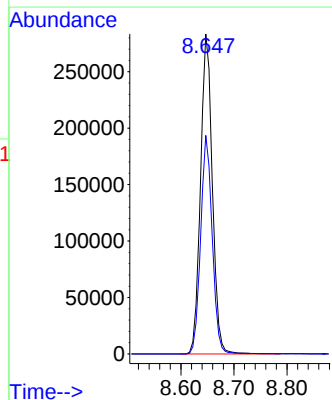
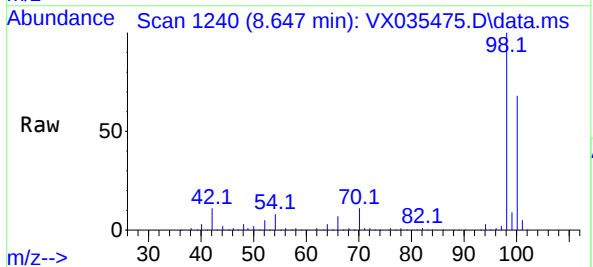


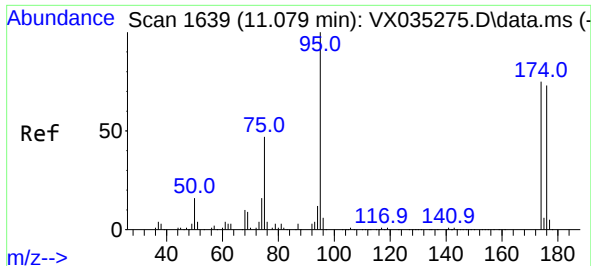
Tgt Ion:117 Resp: 22929
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.350 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Tgt Ion: 98 Resp: 439719
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

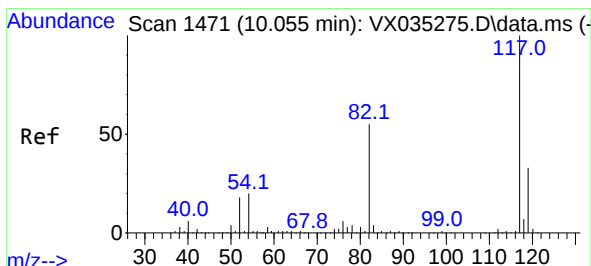
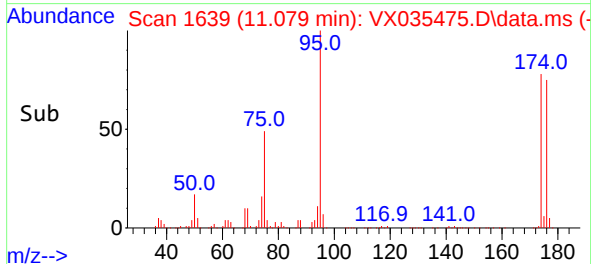
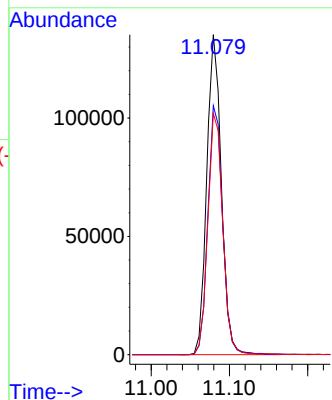
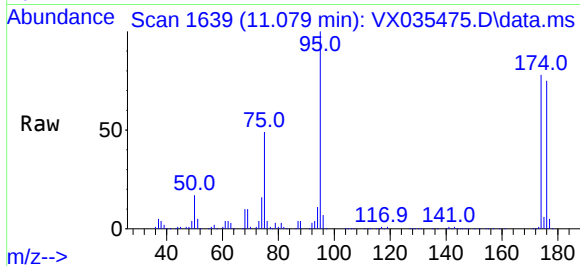




#62
4-Bromofluorobenzene
Concen: 53.041 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

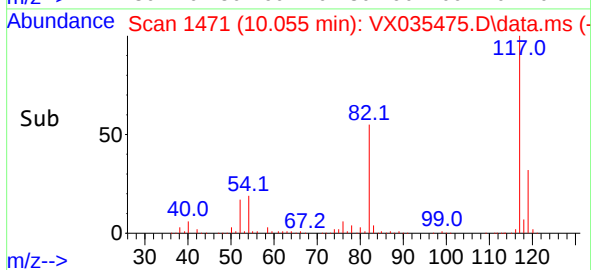
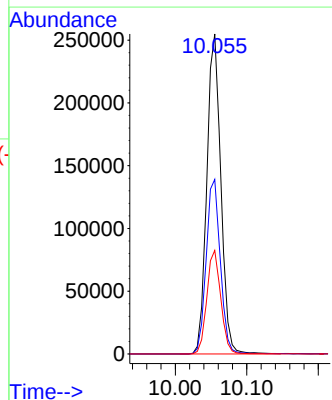
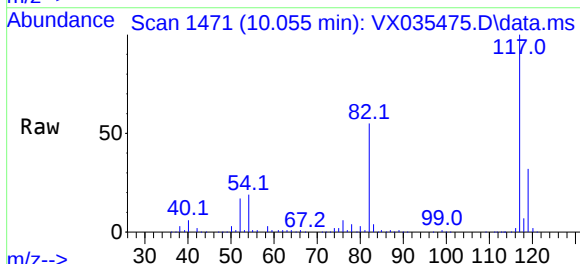
Instrument :
MSVOA_X
ClientSampleId :
FB

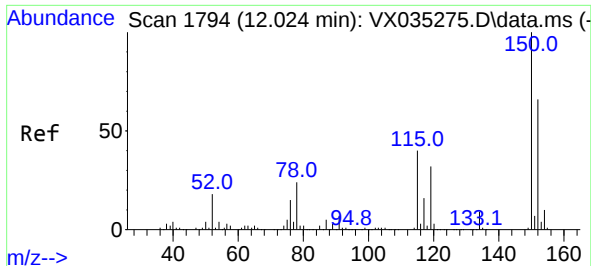
Tgt Ion: 95 Resp: 174258
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.4
176 76.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Tgt Ion: 117 Resp: 347606
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.4 26.0 39.0

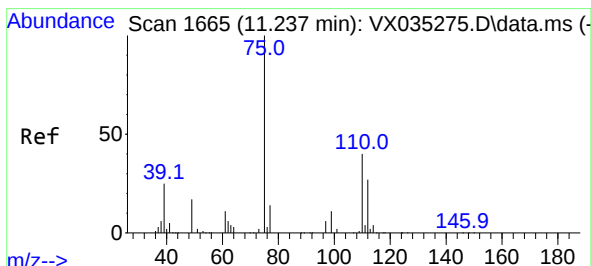
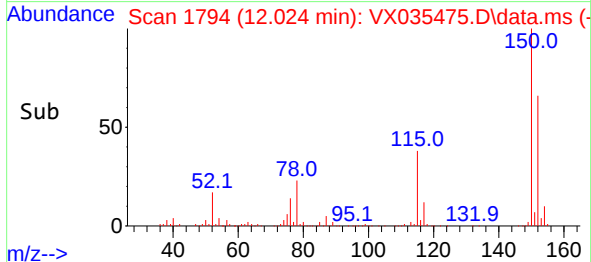
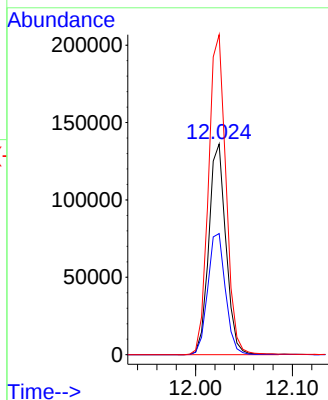
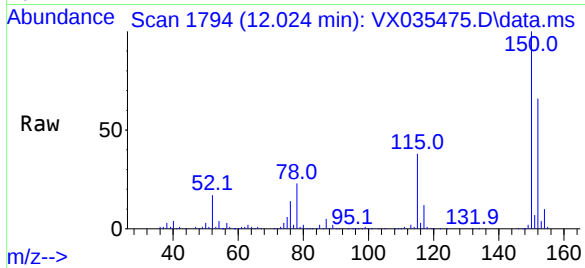




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

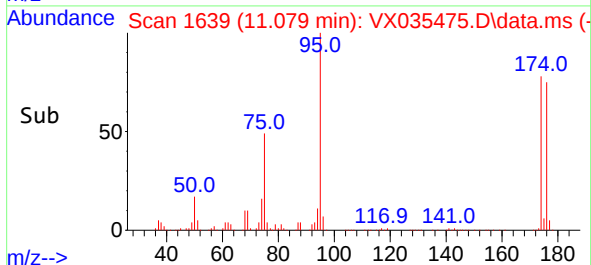
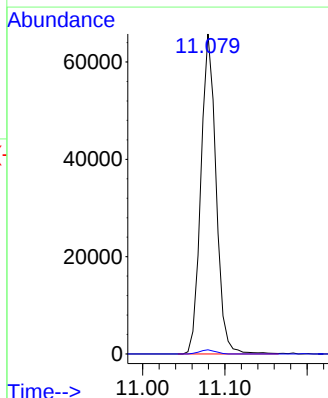
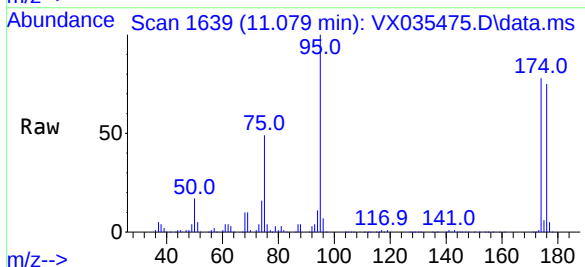
Instrument :
MSVOA_X
ClientSampleId :
FB

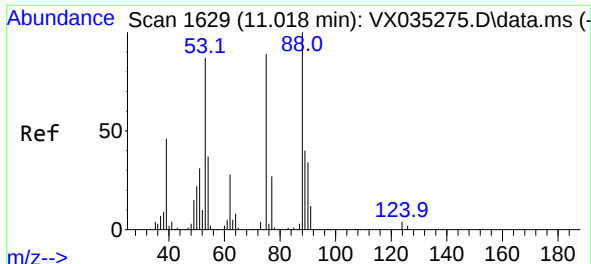
Tgt Ion:152 Resp: 167849
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 155.1 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Tgt Ion: 75 Resp: 84445
Ion Ratio Lower Upper
75 100
77 1.4 21.6 64.8#

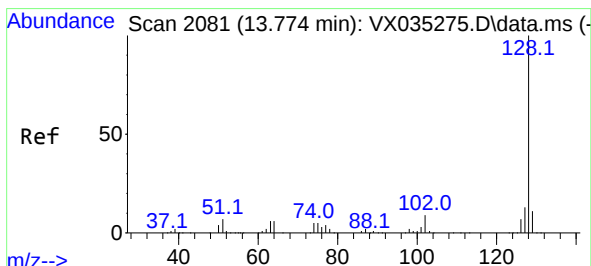
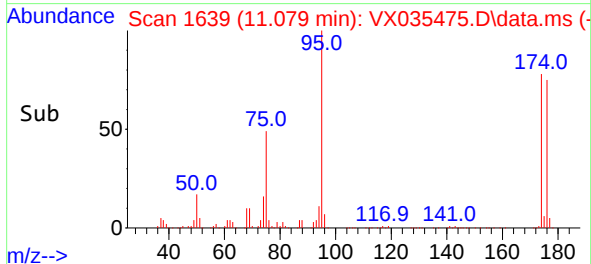
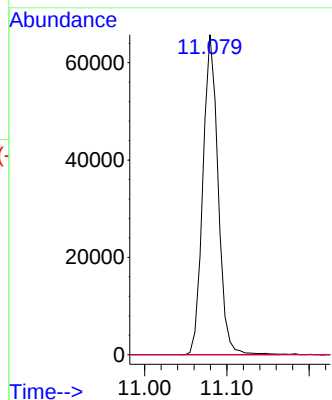
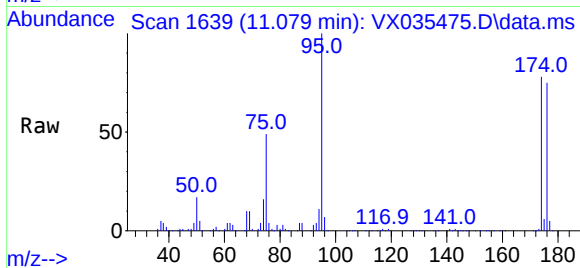




#81
trans-1,4-Dichloro-2-butene
Concen: 81.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 75 Resp: 84445
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.401 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035475.D
Acq: 02 May 2023 13:39

Tgt Ion: 128 Resp: 4493
Ion Ratio Lower Upper
128 100
127 9.9 10.2 15.4#
129 9.7 8.6 13.0

