

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035504.D
 Acq On : 03 May 2023 13:05
 Operator : JC/MD
 Sample : 02568-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11938

Quant Time: May 03 15:19:03 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)

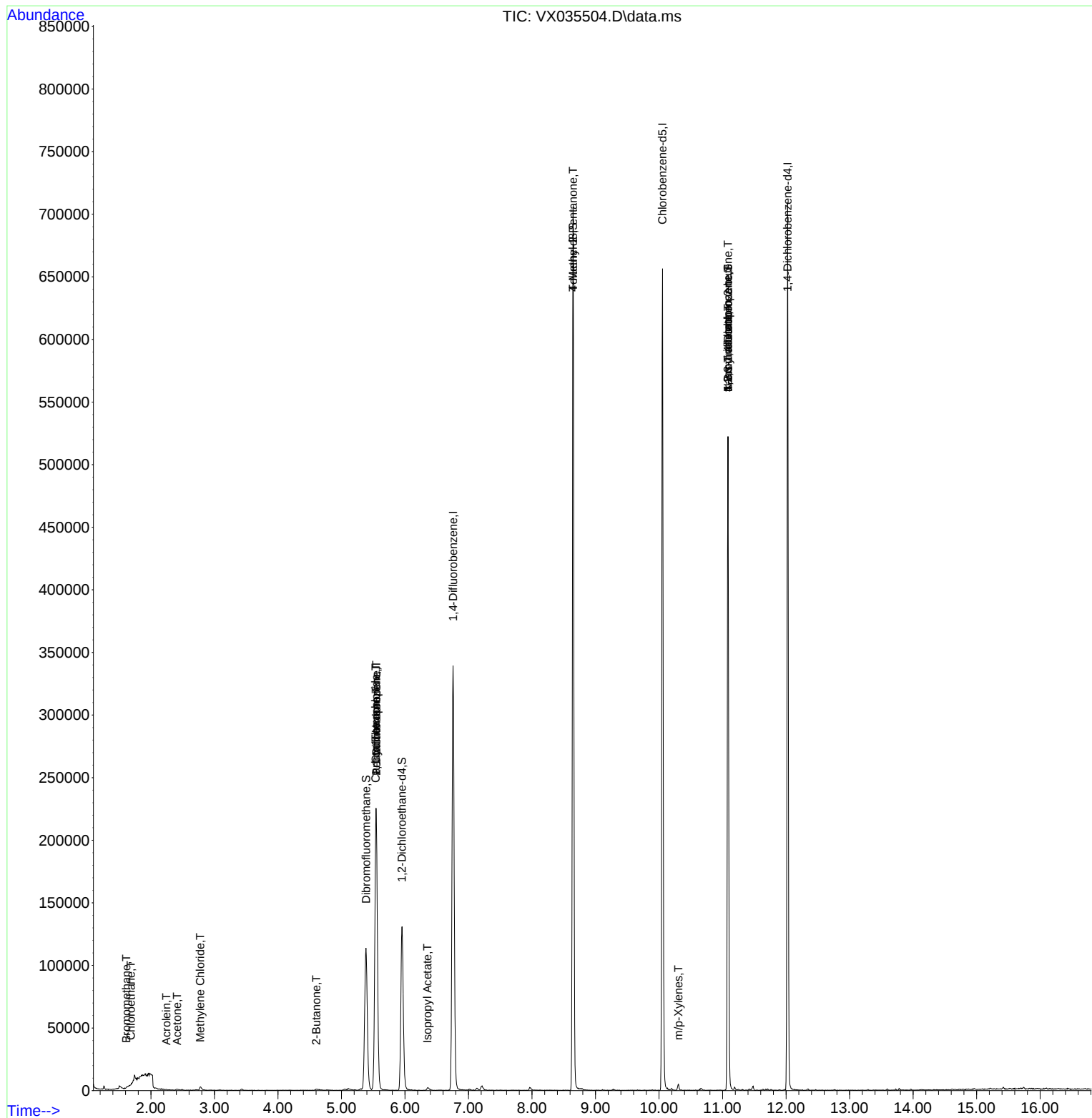
Internal Standards						
1) Pentafluorobenzene	5.550	168	221578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	358090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129073	48.284	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.560%		
35) Dibromofluoromethane	5.385	113	101963	46.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	422026	50.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.800%		
62) 4-Bromofluorobenzene	11.085	95	159740	51.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.440%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	324	0.228	ug/l #	54
6) Chloroethane	1.685	64	459	0.367	ug/l #	42
13) Acrolein	2.239	56	109	0.228	ug/l #	35
16) Acetone	2.410	43	1125	0.969	ug/l #	84
20) Methylene Chloride	2.776	84	1947	0.731	ug/l #	81
25) 2-Butanone	4.605	43	1063	0.627	ug/l #	83
31) Cyclohexane	5.544	56	4125	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15950	4.648	ug/l #	42
38) Carbon Tetrachloride	5.538	117	22093	6.781	ug/l #	15
43) Isopropyl Acetate	6.355	43	1186	0.225	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1665	0.515	ug/l #	1
68) m/p-Xylenes	10.305	106	1248	0.266	ug/l	98
74) N-amyl acetate	11.085	43	1053	0.240	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	77619	24.412	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.085	75	77619	79.066	ug/l #	8

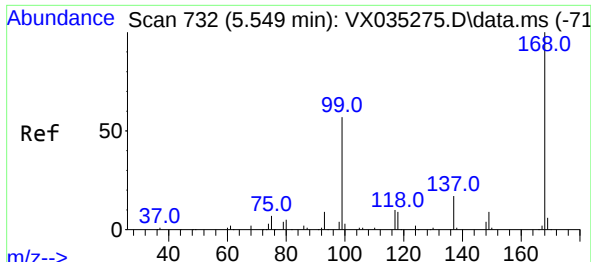
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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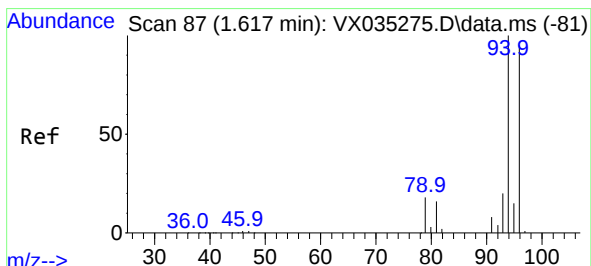
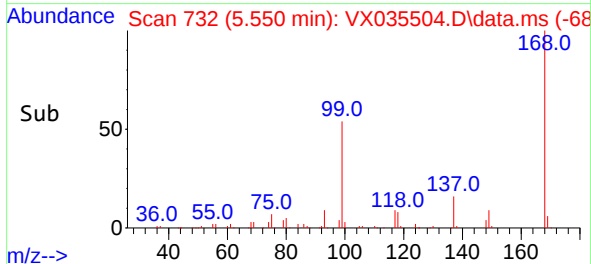
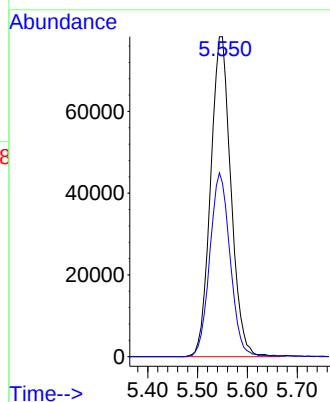
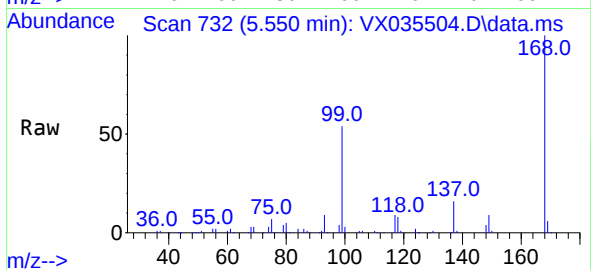




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

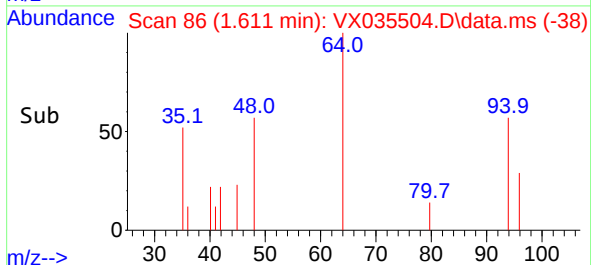
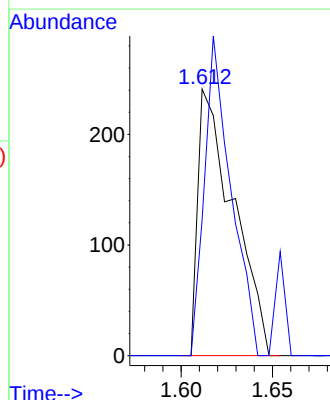
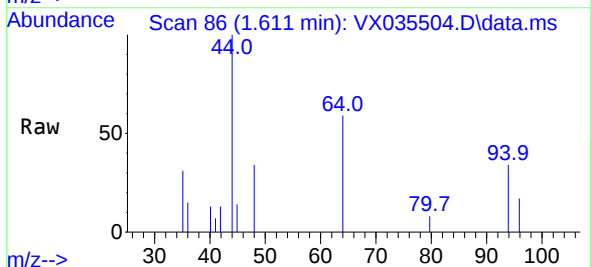
Instrument :
MSVOA_X
ClientSampleId :
72-11938

Tgt Ion:168 Resp: 221578
Ion Ratio Lower Upper
168 100
99 54.3 45.7 68.5

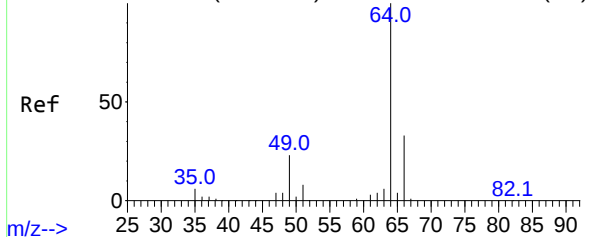


#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 51.0 77.0 115.6#



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

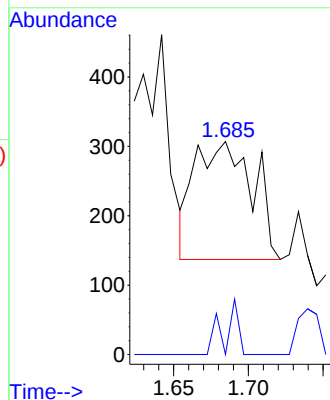
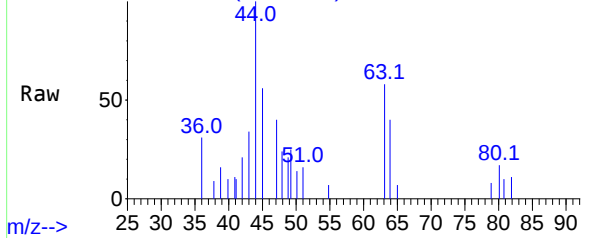


#6
Chloroethane
Concen: 0.367 ug/l
RT: 1.685 min Scan# 99
Delta R.T. -0.005 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

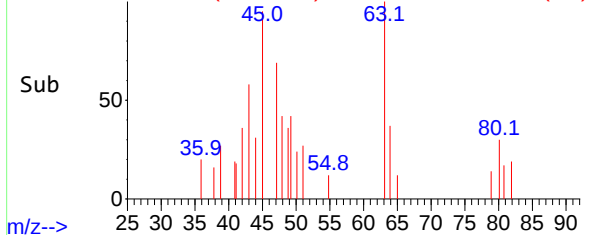
Instrument :
MSVOA_X
ClientSampleId :
72-11938

Tgt Ion: 64 Resp: 459
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

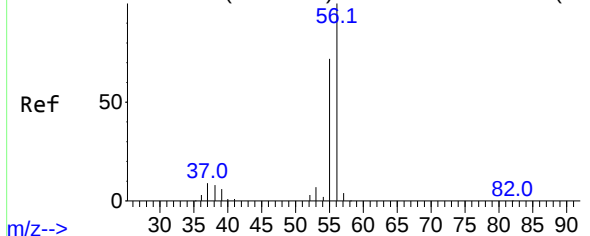
Abundance Scan 98 (1.685 min): VX035504.D\data.ms



Abundance Scan 98 (1.685 min): VX035504.D\data.ms (-50)



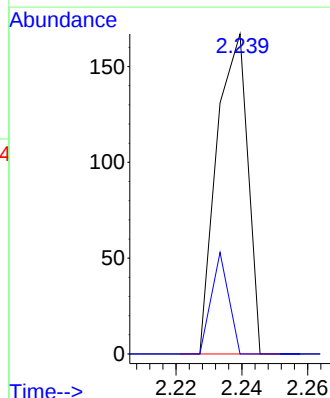
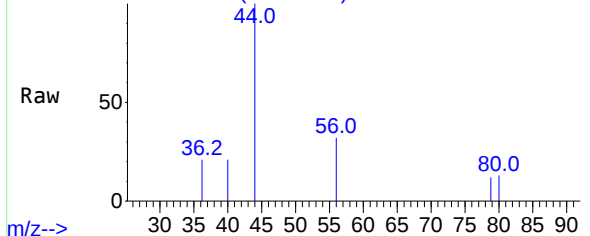
Abundance Scan 189 (2.239 min): VX035275.D\data.ms (-18)



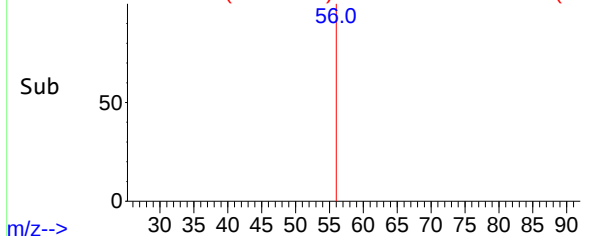
#13
Acrolein
Concen: 0.228 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

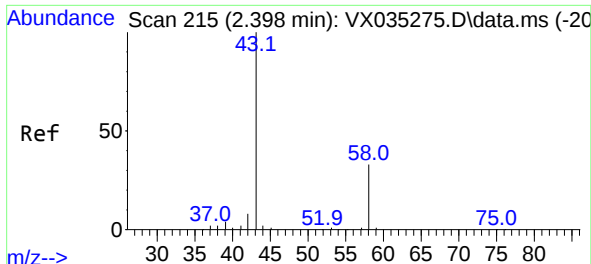
Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 17.4 56.6 85.0#

Abundance Scan 189 (2.239 min): VX035504.D\data.ms



Abundance Scan 189 (2.239 min): VX035504.D\data.ms (-14)

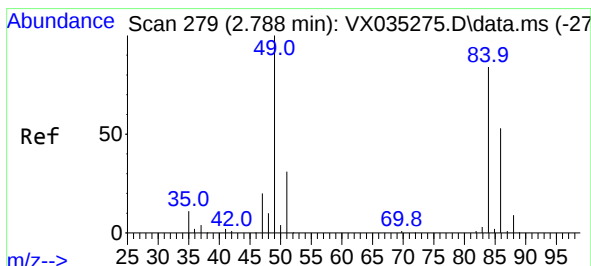
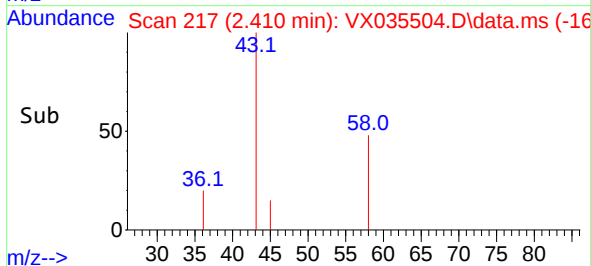
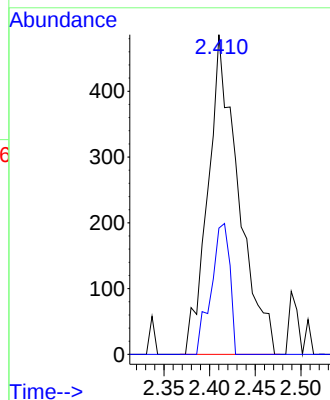
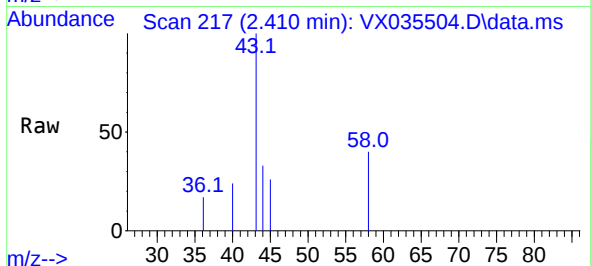




#16
Acetone
Concen: 0.969 ug/l
RT: 2.410 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

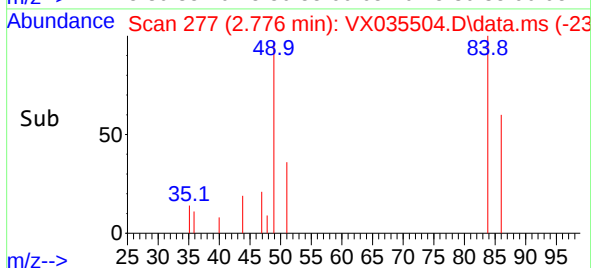
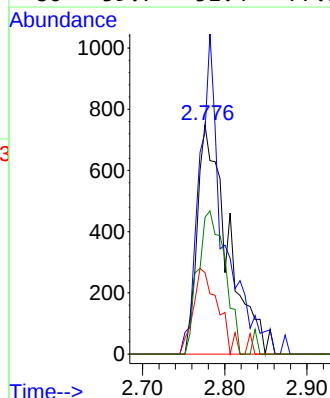
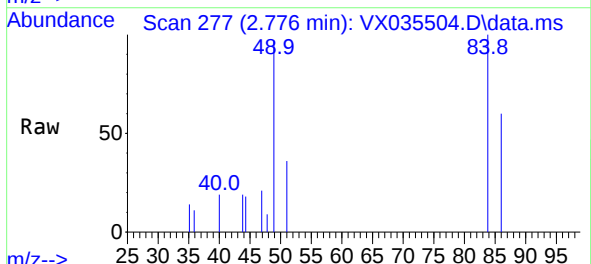
Instrument :
MSVOA_X
ClientSampleId :
72-11938

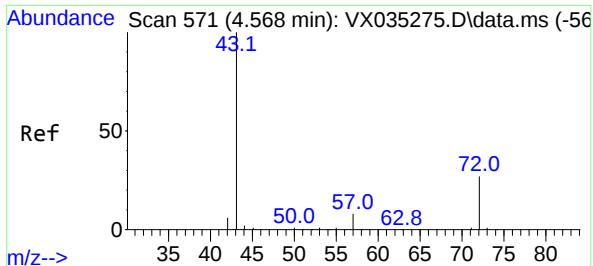
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 39.5 24.7 37.1#



#20
Methylene Chloride
Concen: 0.731 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 84 Resp: 1947
Ion Ratio Lower Upper
84 100
49 96.8 103.8 155.8#
51 35.5 31.8 47.8
86 59.7 51.4 77.2

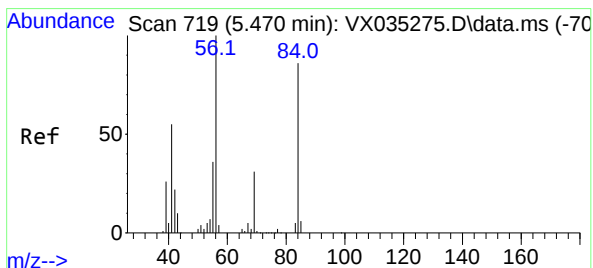
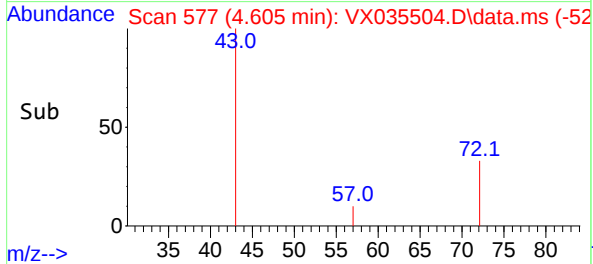
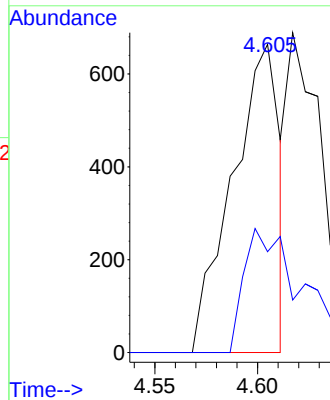
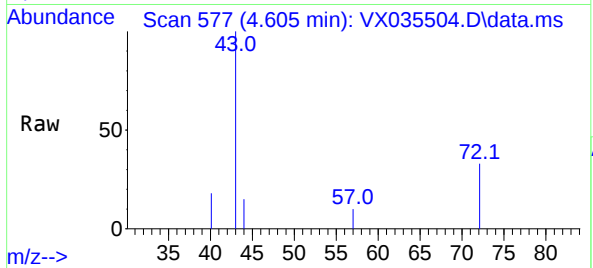




#25
2-Butanone
Concen: 0.627 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

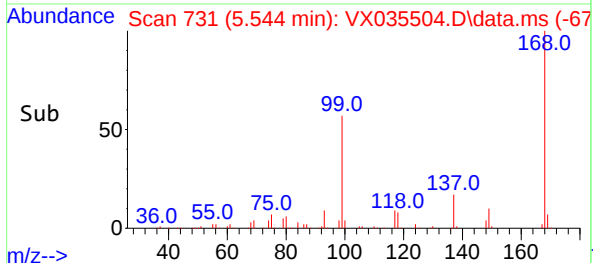
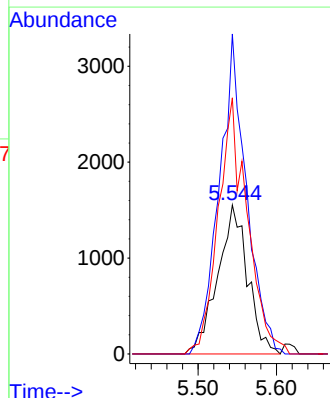
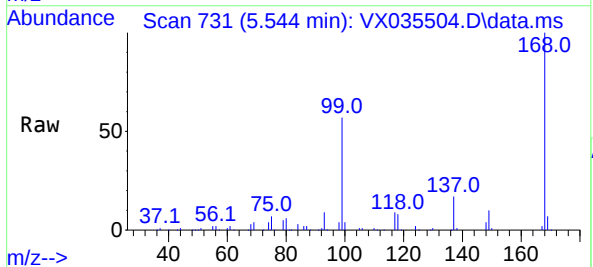
Instrument :
MSVOA_X
ClientSampleId :
72-11938

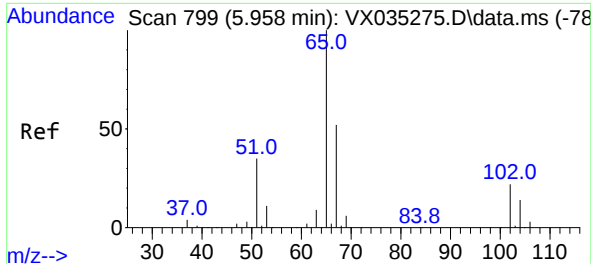
Tgt Ion: 43 Resp: 1063
Ion Ratio Lower Upper
43 100
72 32.7 19.3 28.9#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 56 Resp: 4125
Ion Ratio Lower Upper
56 100
69 214.9 23.7 35.5#
84 172.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.284 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX035504.D

Acq: 03 May 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

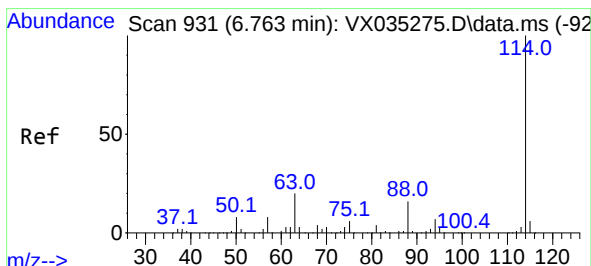
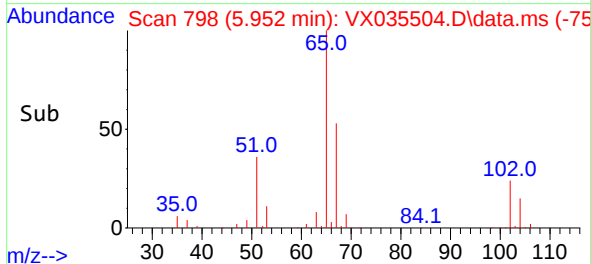
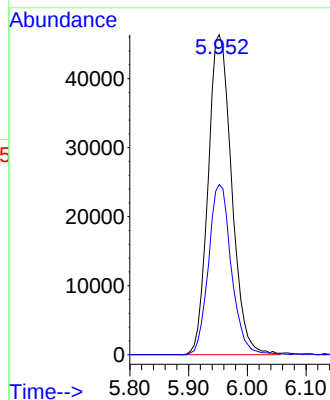
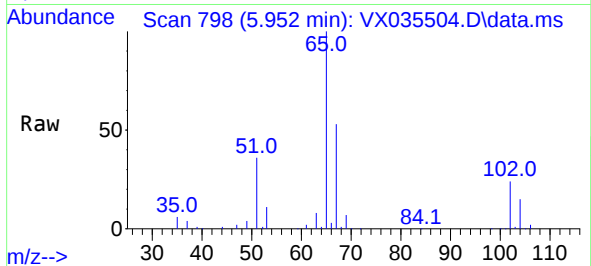
72-11938

Tgt Ion: 65 Resp: 129073

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035504.D

Acq: 03 May 2023 13:05

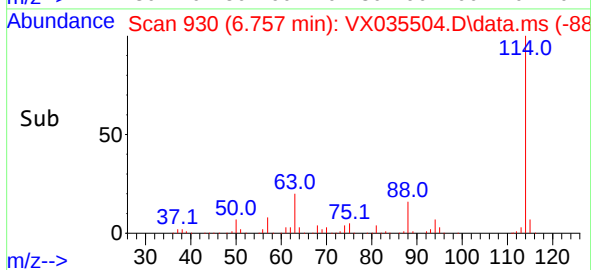
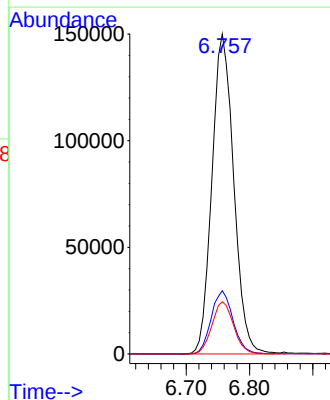
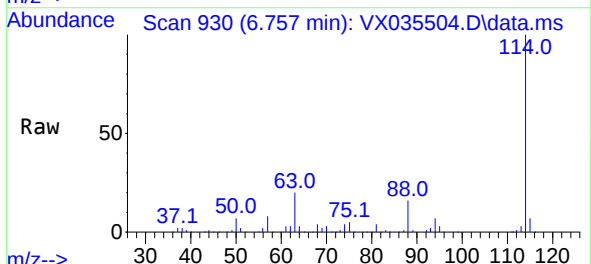
Tgt Ion: 114 Resp: 358090

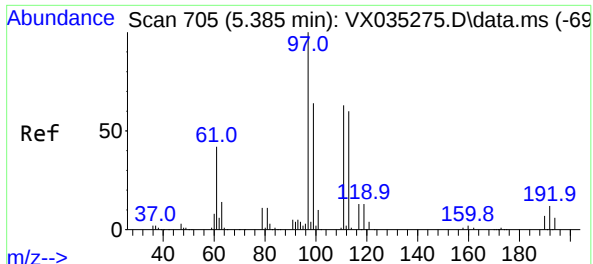
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

88 16.3 0.0 33.2



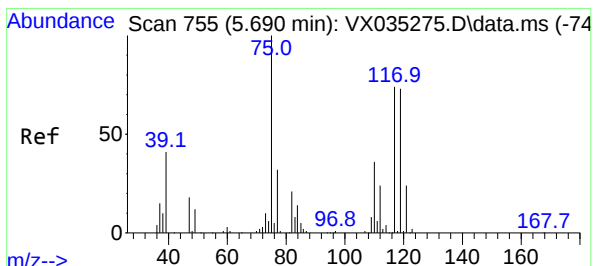
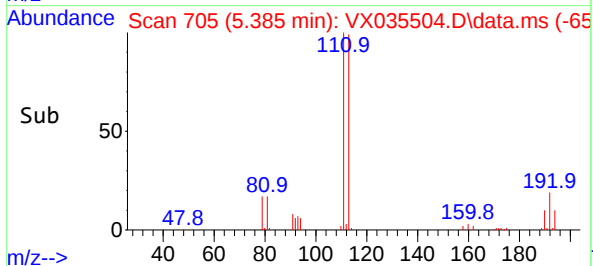
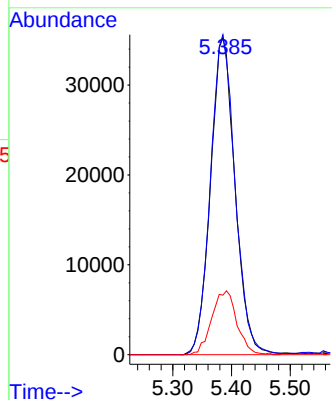
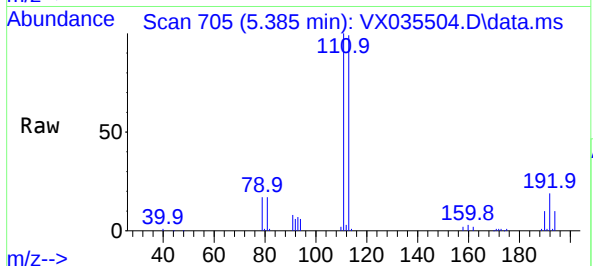


#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Instrument :
MSVOA_X
ClientSampleId :
72-11938

Tgt Ion:113 Resp: 101963

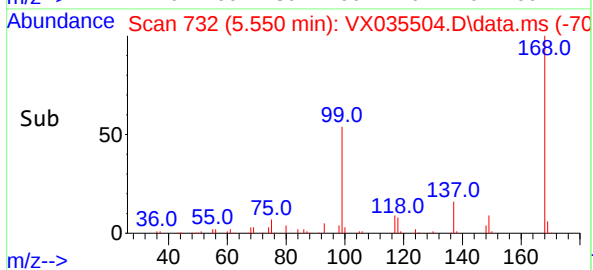
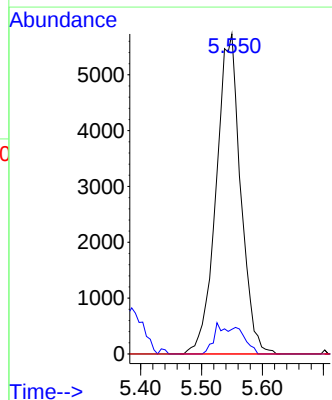
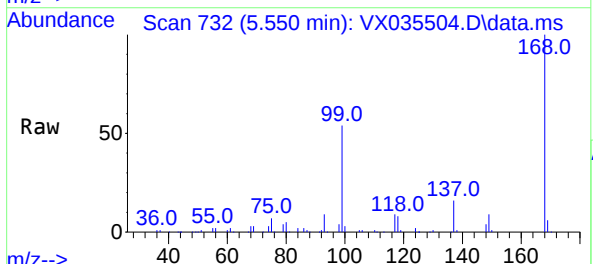
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.7	125.5
192	20.7	15.4	23.2

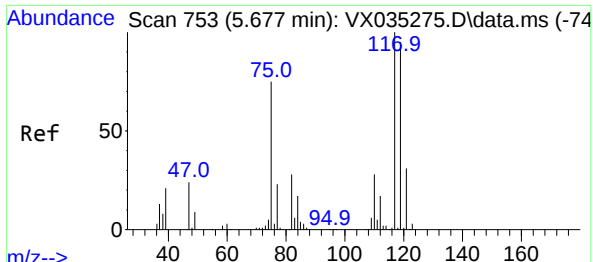


#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 75 Resp: 15950

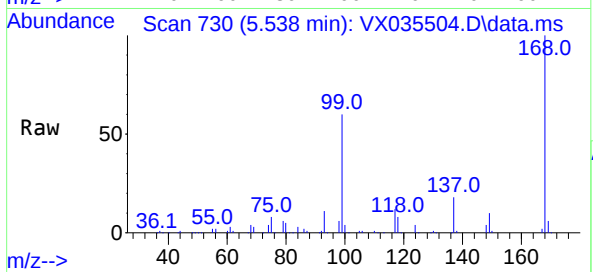
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.5	52.5#
77	0.0	24.3	36.5#



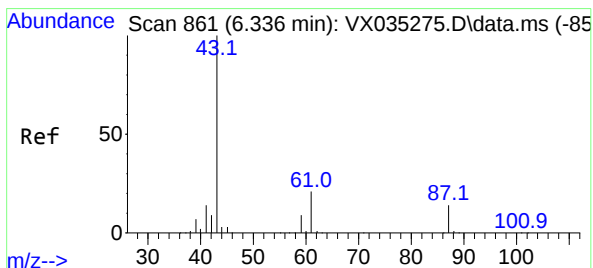
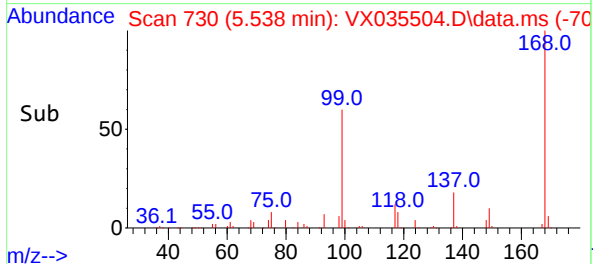
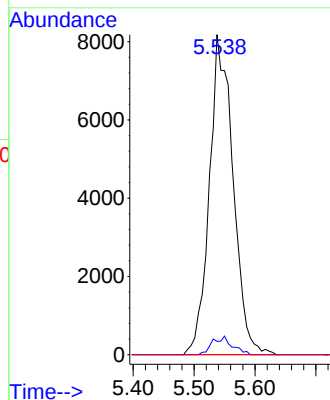


#38
Carbon Tetrachloride
Concen: 6.781 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.139 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Instrument :
MSVOA_X
ClientSampleId :
72-11938

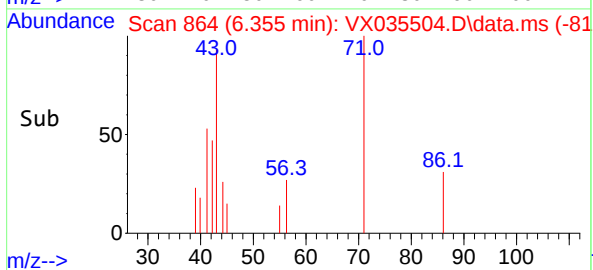
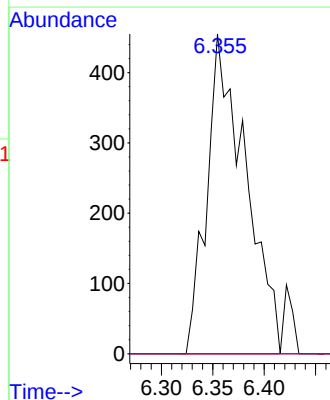
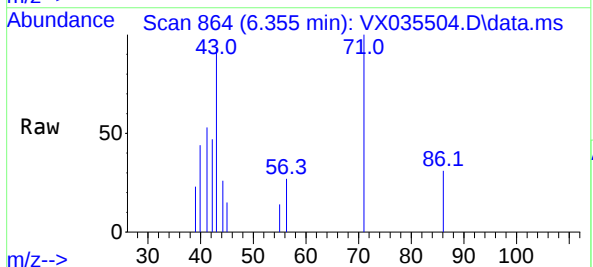


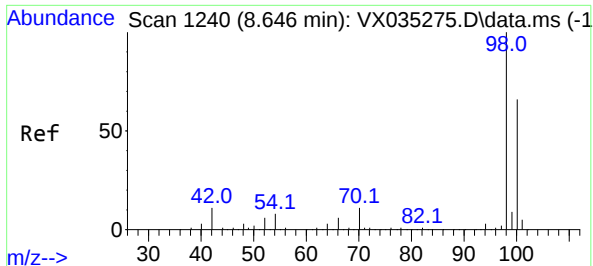
Tgt Ion:117 Resp: 22093
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 0.225 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.019 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#





#50

Toluene-d8

Concen: 50.902 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035504.D

Acq: 03 May 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

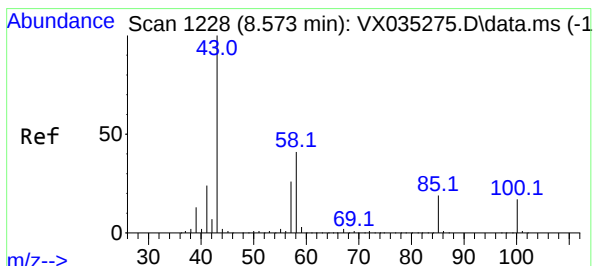
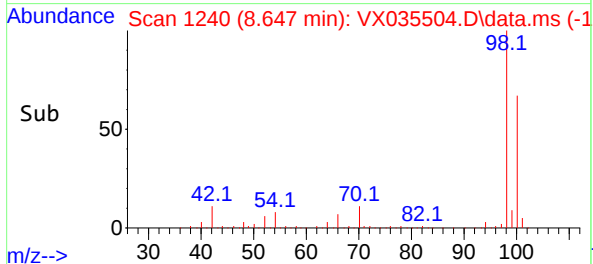
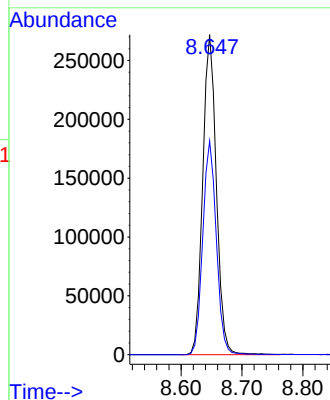
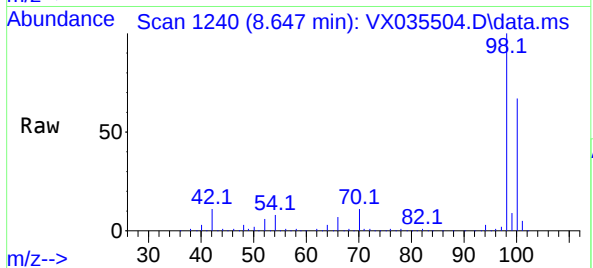
72-11938

Tgt Ion: 98 Resp: 422026

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.515 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035504.D

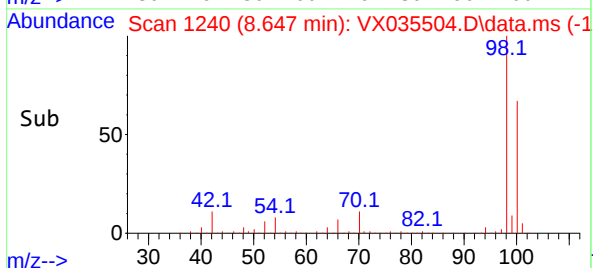
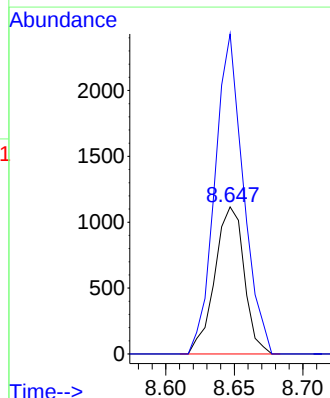
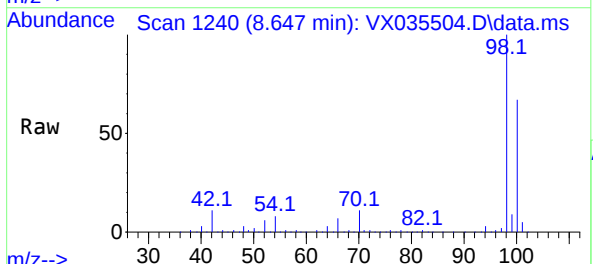
Acq: 03 May 2023 13:05

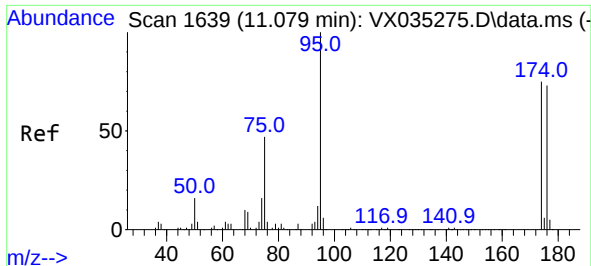
Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

58 210.9 30.6 46.0#

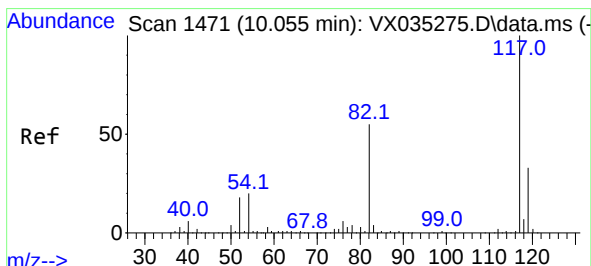
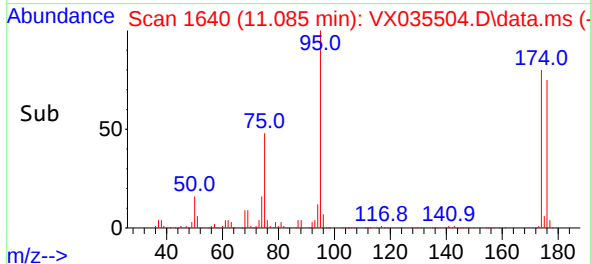
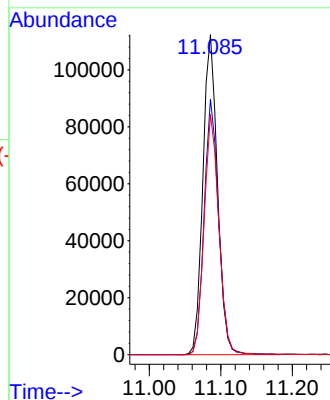
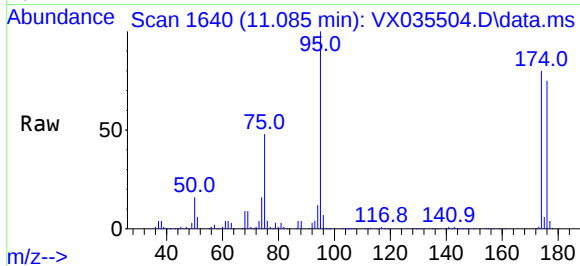




#62
4-Bromofluorobenzene
Concen: 51.216 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

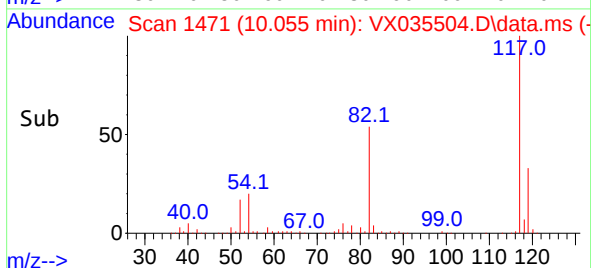
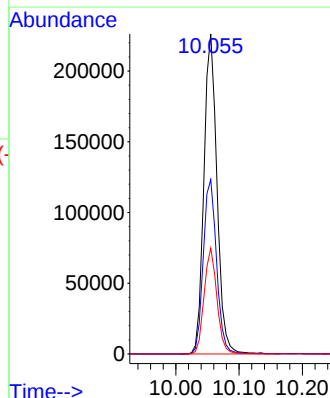
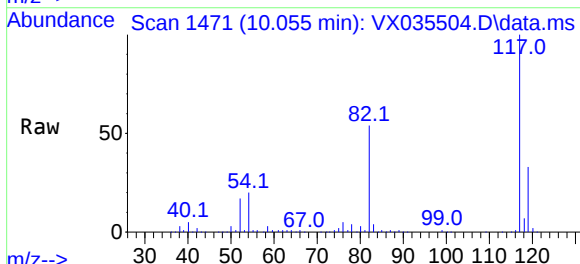
Instrument :
MSVOA_X
ClientSampleId :
72-11938

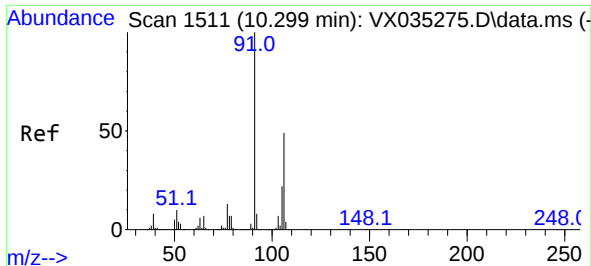
Tgt Ion: 95 Resp: 159740
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 75.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion: 117 Resp: 326339
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 33.1 26.0 39.0

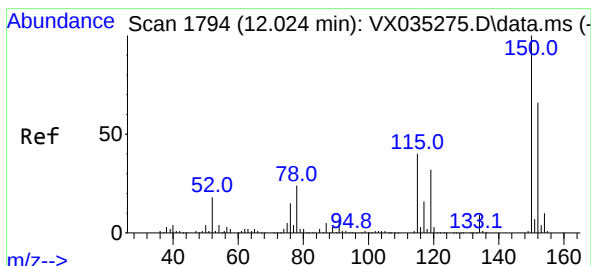
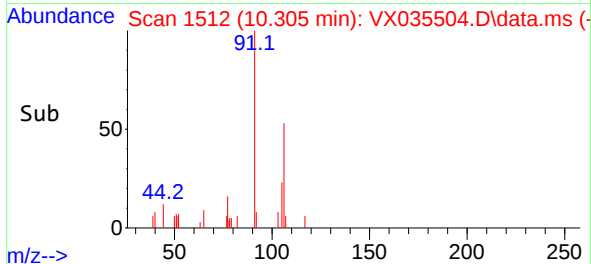
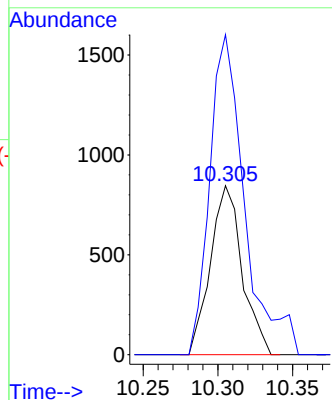
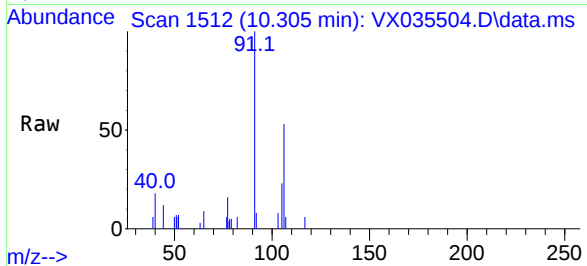




#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

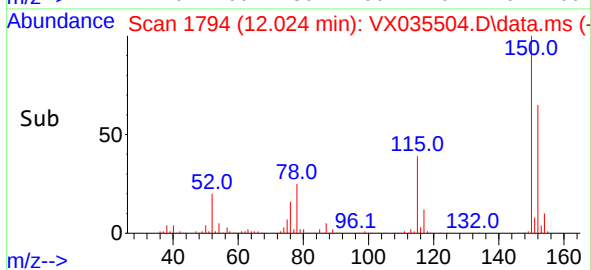
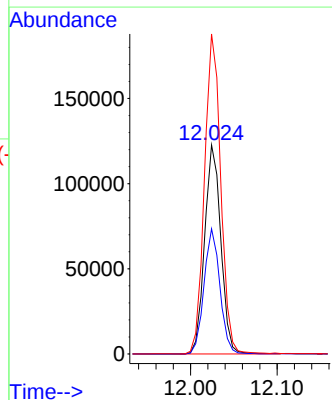
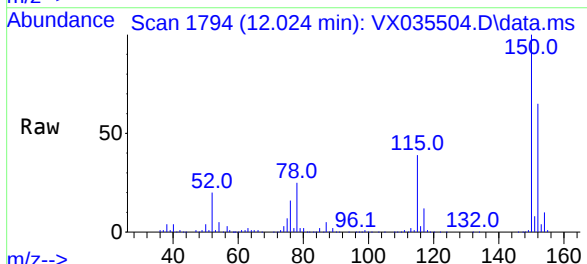
Instrument :
MSVOA_X
ClientSampleId :
72-11938

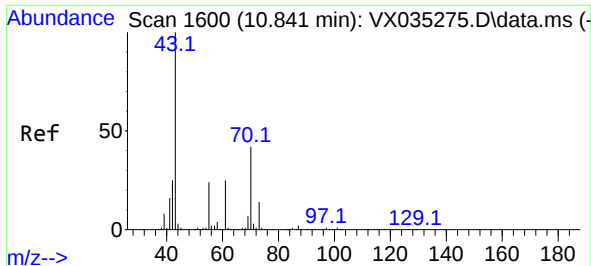
Tgt Ion:106 Resp: 1248
Ion Ratio Lower Upper
106 100
91 208.7 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

Tgt Ion:152 Resp: 159393
Ion Ratio Lower Upper
152 100
115 58.7 45.0 135.0
150 154.1 0.0 352.4

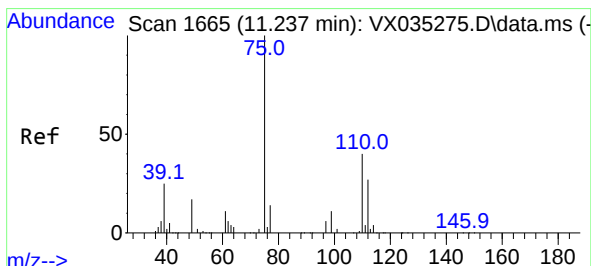
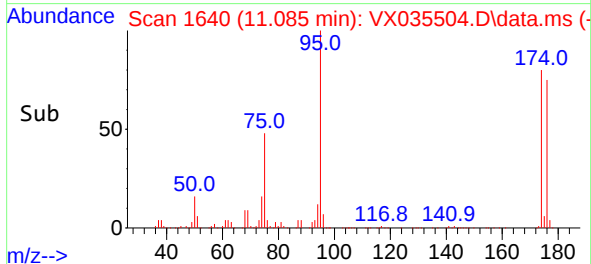
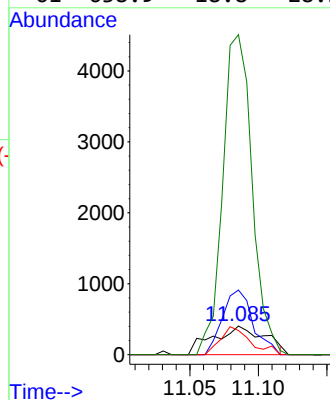
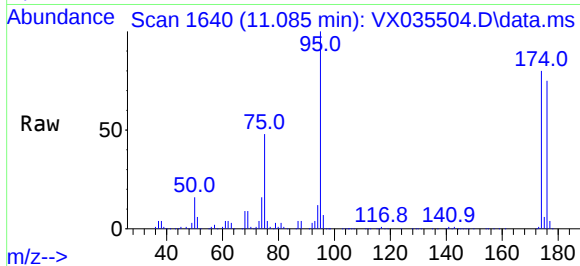




#74
N-amy1 acetate
Concen: 0.240 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.244 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

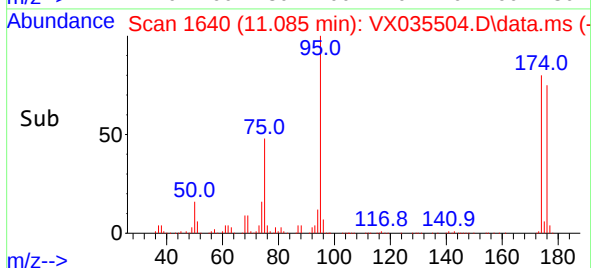
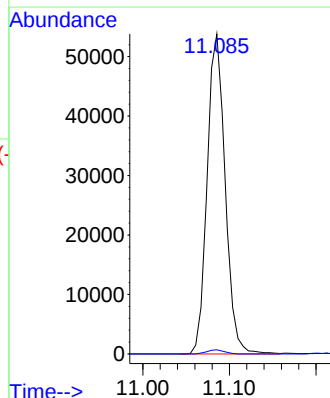
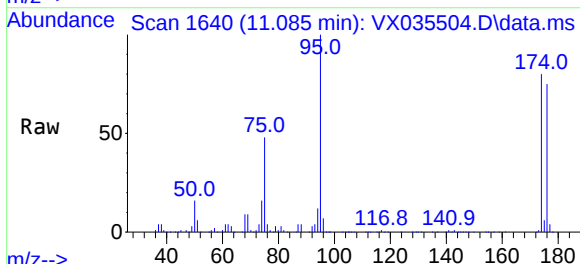
Instrument :
MSVOA_X
ClientSampleId :
72-11938

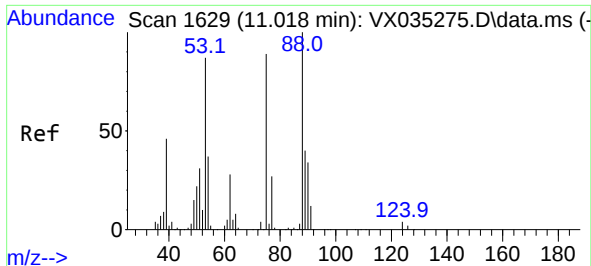
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
70 134.4 32.1 48.1#
55 56.6 18.3 27.5#
61 638.9 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 24.412 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035504.D
Acq: 03 May 2023 13:05

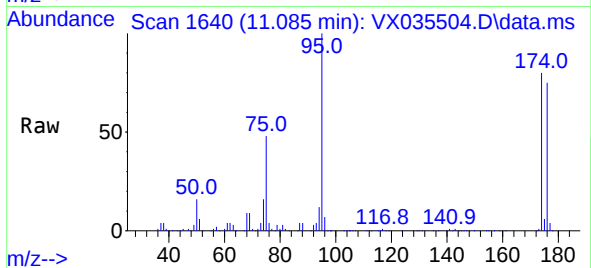
Tgt Ion: 75 Resp: 77619
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.066 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX035504.D
 Acq: 03 May 2023 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11938



Tgt Ion: 75 Resp: 77619
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

