

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035437.D
 Acq On : 01 May 2023 13:58
 Operator : JC/MD
 Sample : 02558-07
 Misc : 4.56g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS013-0612-01

Quant Time: May 01 23:59:28 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)

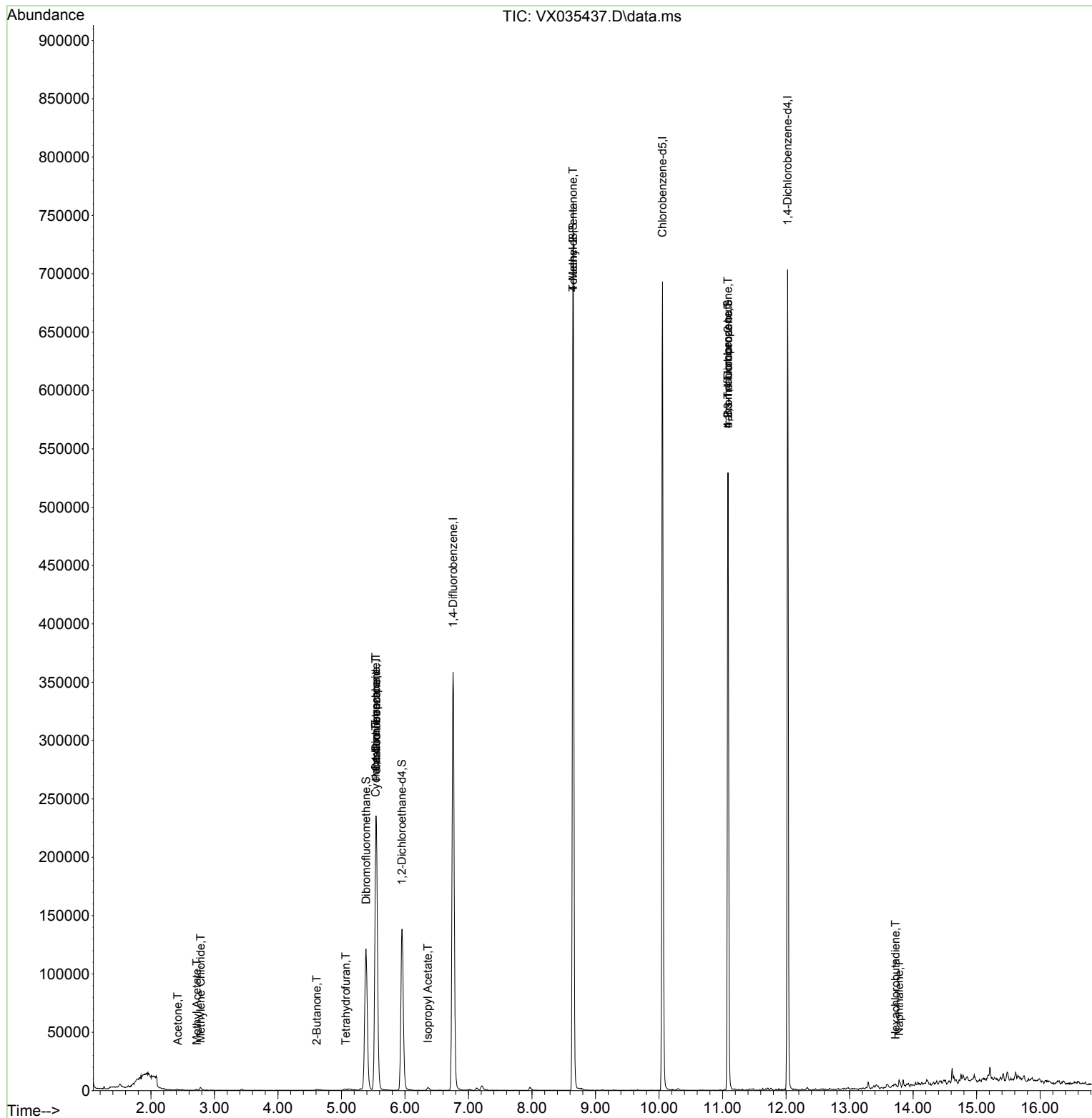
Internal Standards						
1) Pentafluorobenzene	5.550	168	235141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	381761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	135464	47.752	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.385	113	108242	46.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.400%		
50) Toluene-d8	8.647	98	447241	50.598	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.200%		
62) 4-Bromofluorobenzene	11.085	95	163560	49.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.380%		
Target Compounds						Qvalue
16) Acetone	2.422	43	846	0.687	ug/l #	86
18) Methyl Acetate	2.721	43	996	0.209	ug/l #	84
20) Methylene Chloride	2.782	84	1413	0.500	ug/l #	72
25) 2-Butanone	4.611	43	825	0.459	ug/l #	79
29) Tetrahydrofuran	5.068	42	1085	0.941	ug/l	92
31) Cyclohexane	5.537	56	4382	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16940	4.630	ug/l #	51
38) Carbon Tetrachloride	5.544	117	22390	6.446	ug/l #	16
43) Isopropyl Acetate	6.360	43	1251	0.223	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1796	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	79748	25.500	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	79748	82.590	ug/l #	8
94) Hexachlorobutadiene	13.725	225	356	0.238	ug/l	90
95) Naphthalene	13.780	128	3752	0.358	ug/l #	96

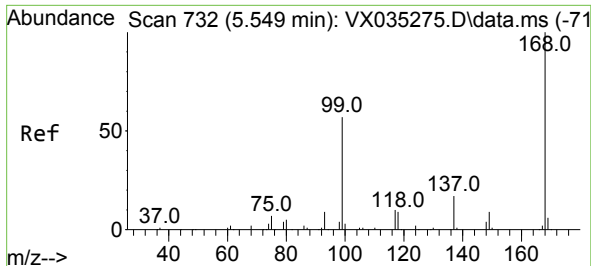
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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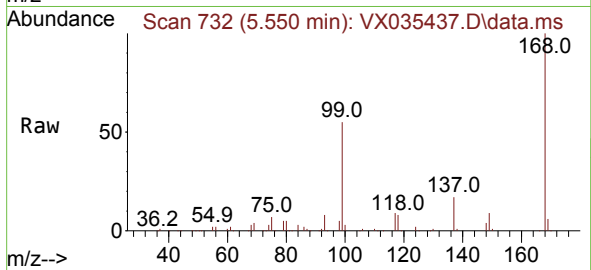
Quant Time: May 01 23:59:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
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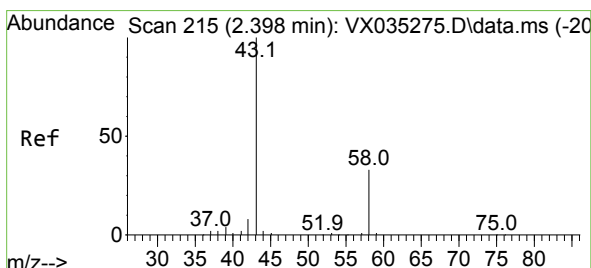
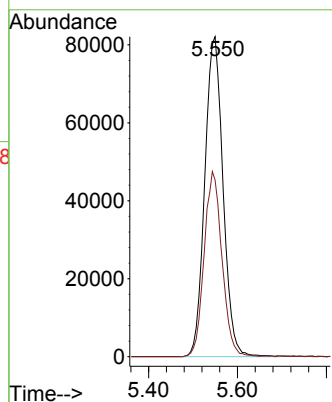
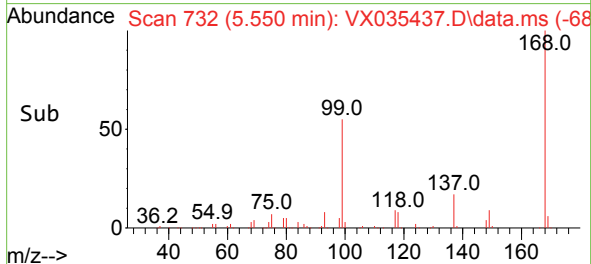


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01

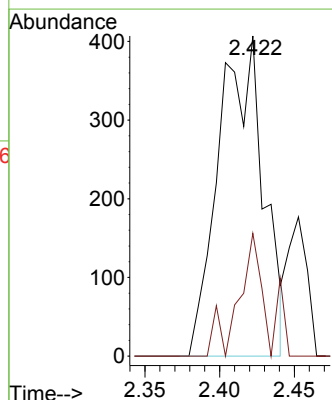
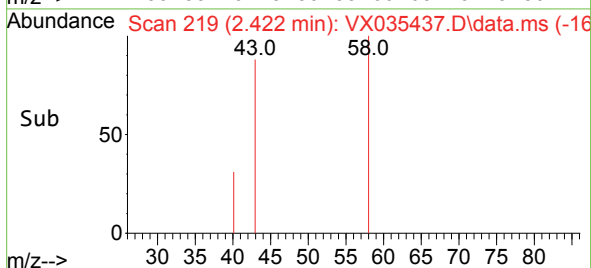
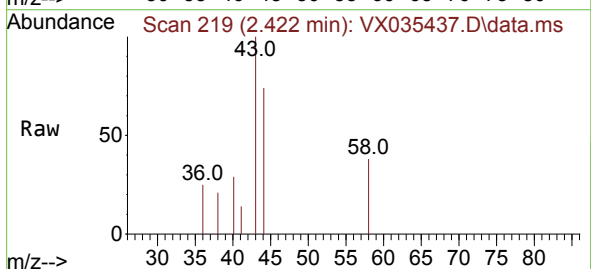


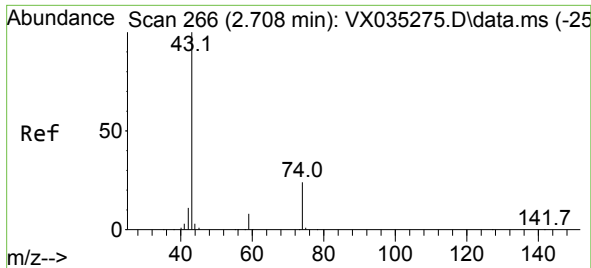
Tgt Ion:168 Resp: 235141
Ion Ratio Lower Upper
168 100
99 55.2 45.7 68.5



#16
Acetone
Concen: 0.687 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.024 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 38.3 24.7 37.1#

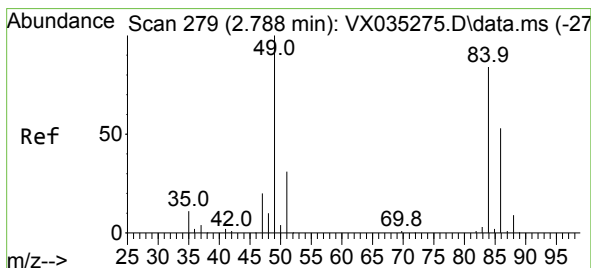
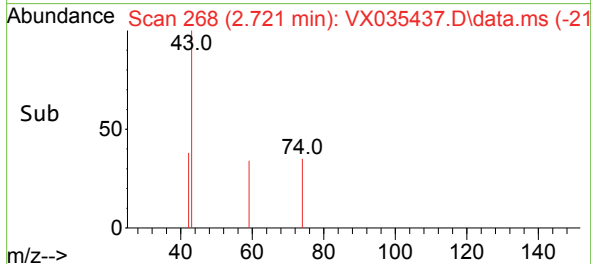
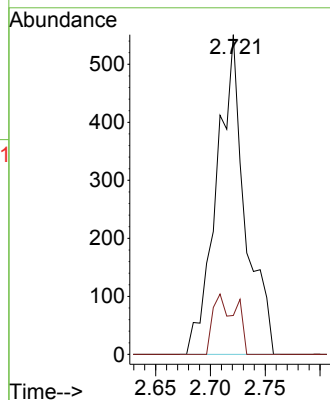
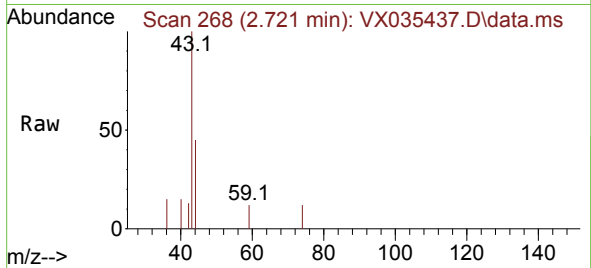




#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.013 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

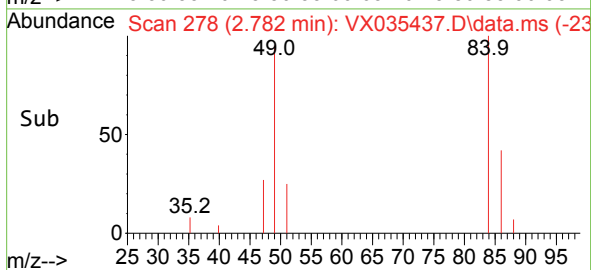
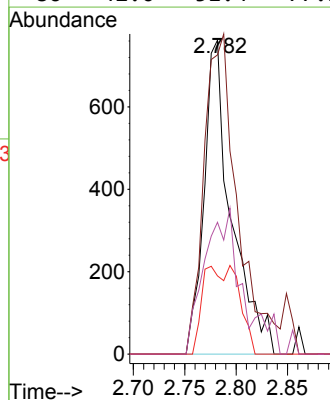
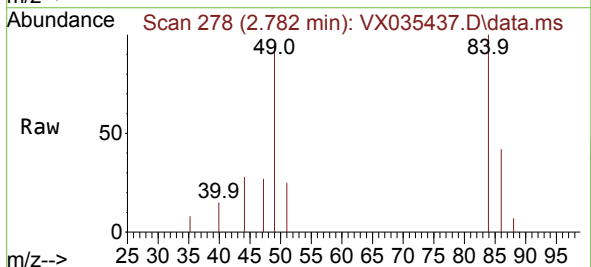
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01

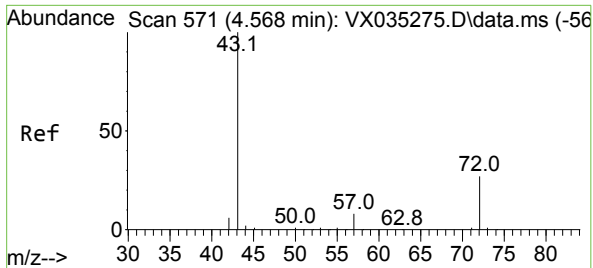
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 15.2 18.3 27.5#



#20
Methylene Chloride
Concen: 0.500 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion: 84 Resp: 1413
Ion Ratio Lower Upper
84 100
49 95.3 103.8 155.8#
51 24.9 31.8 47.8#
86 42.0 51.4 77.2#





#25

2-Butanone

Concen: 0.459 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX035437.D

Acq: 01 May 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

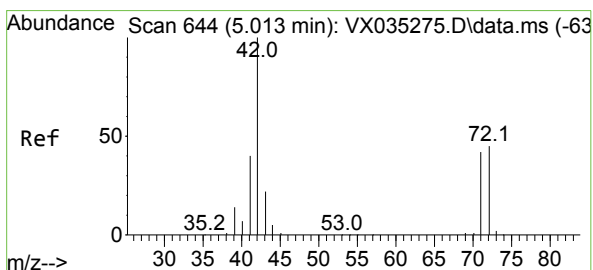
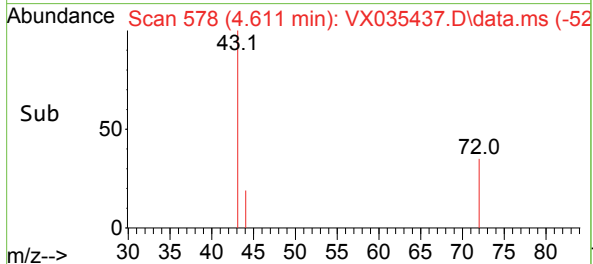
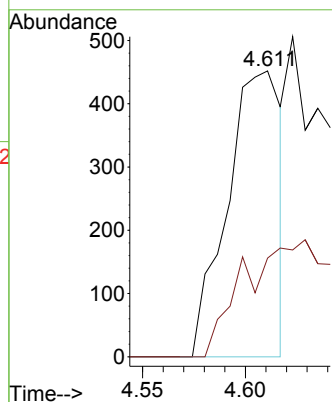
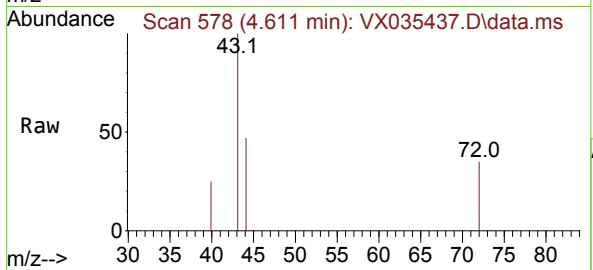
P001-SS013-0612-01

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

43 100

72 34.5 19.3 28.9#



#29

Tetrahydrofuran

Concen: 0.941 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.055 min

Lab File: VX035437.D

Acq: 01 May 2023 13:58

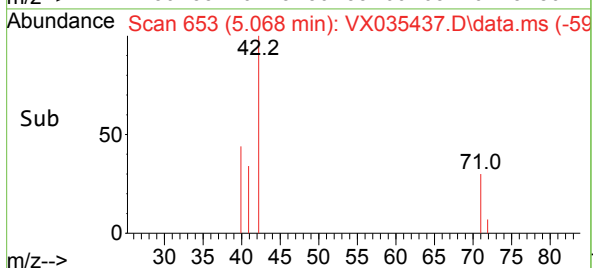
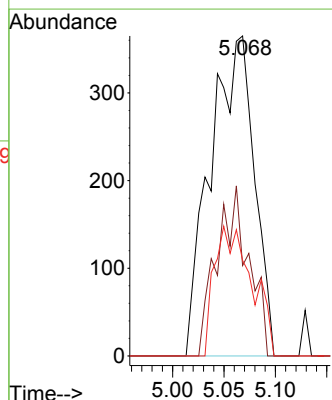
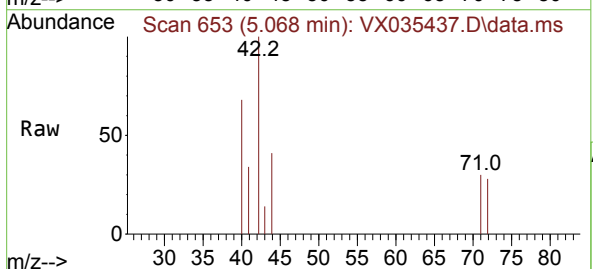
Tgt Ion: 42 Resp: 1085

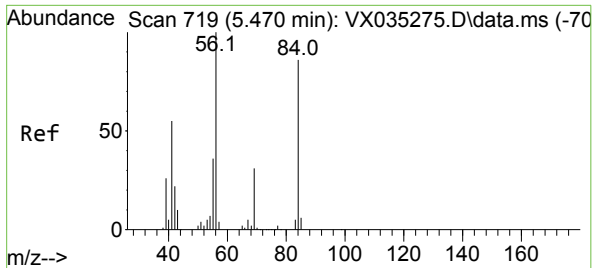
Ion Ratio Lower Upper

42 100

72 38.5 34.5 51.7

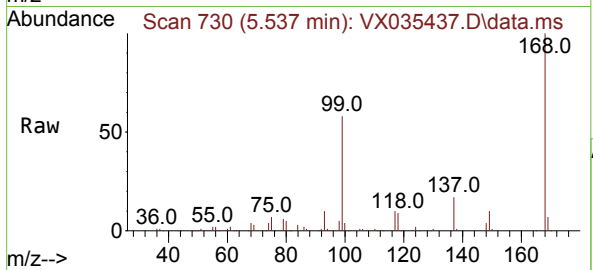
71 34.4 32.1 48.1



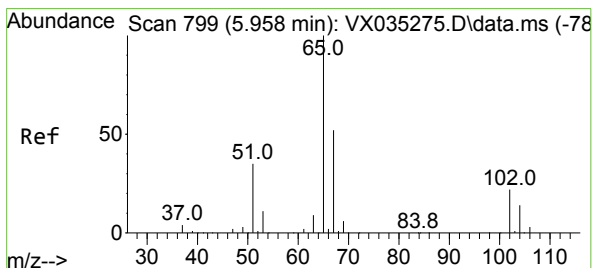
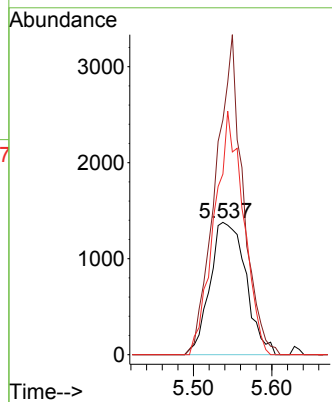
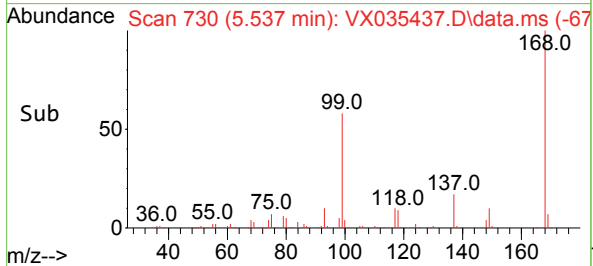


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01

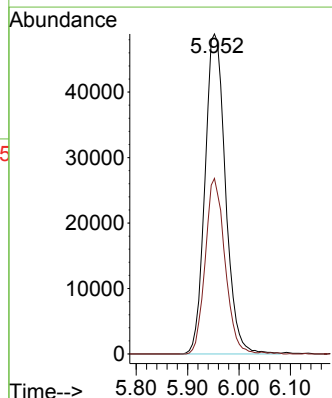
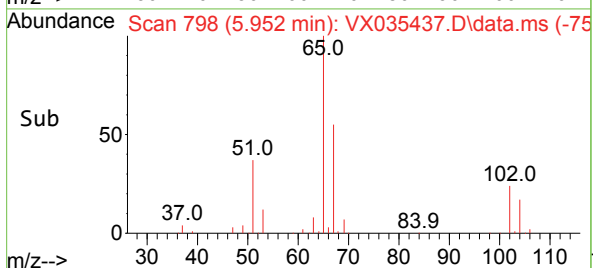
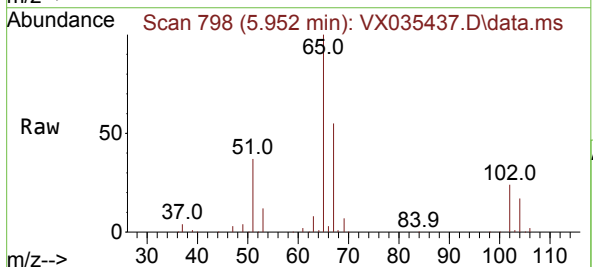


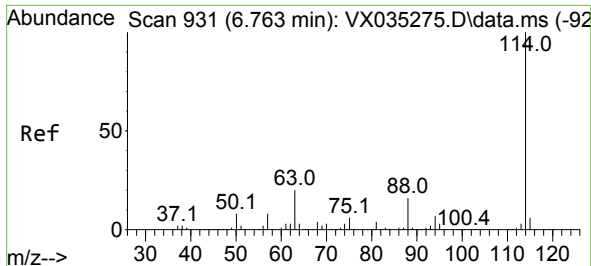
Tgt Ion: 56 Resp: 4382
Ion Ratio Lower Upper
56 100
69 177.5 23.7 35.5#
84 136.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.752 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion: 65 Resp: 135464
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

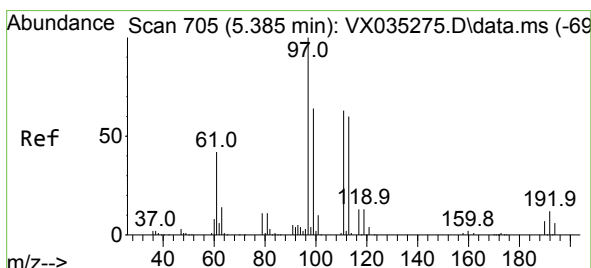
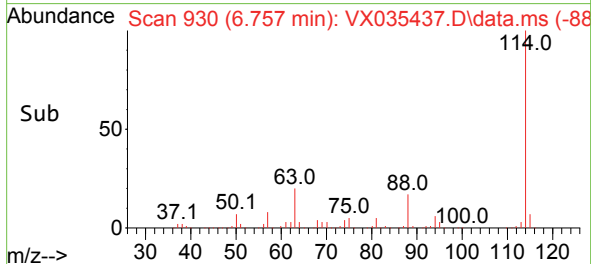
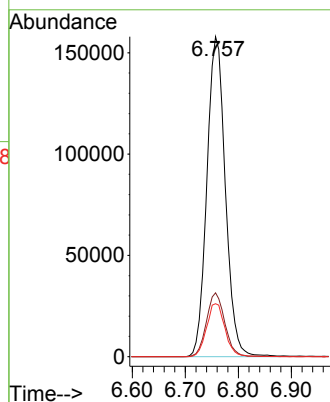
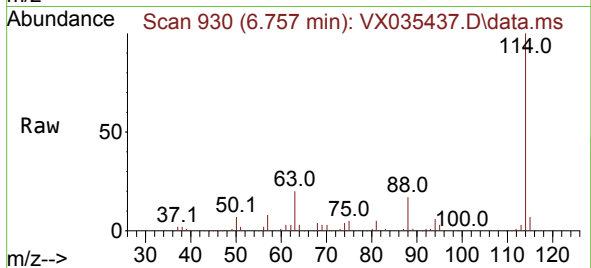




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

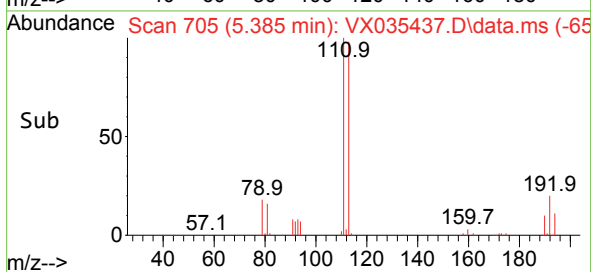
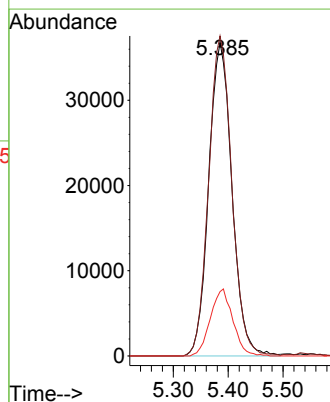
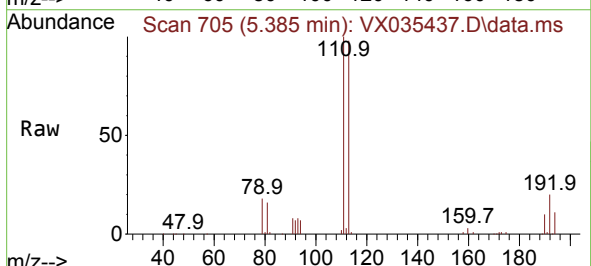
Instrument :
MSVOA_X
ClientSampleId :
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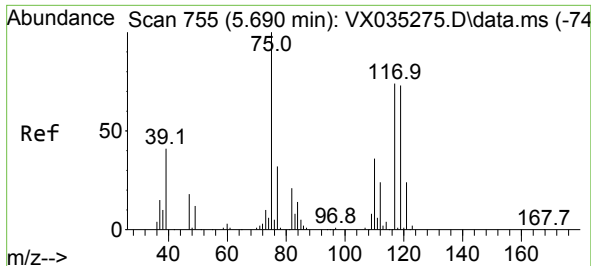
Tgt Ion:114 Resp: 381761
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.195 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion:113 Resp: 108242
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.7 15.4 23.2

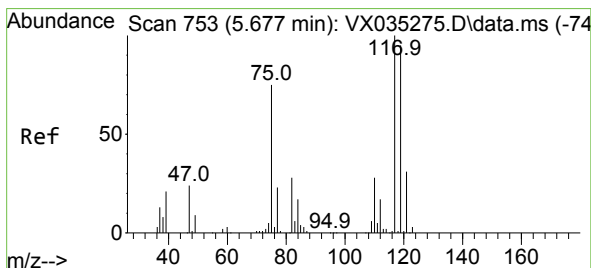
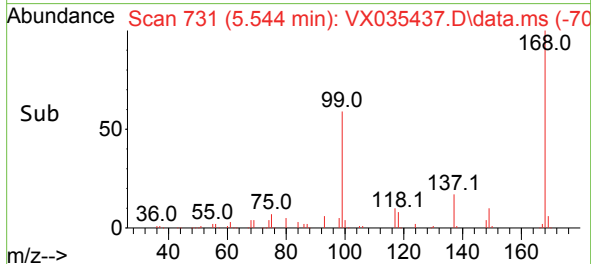
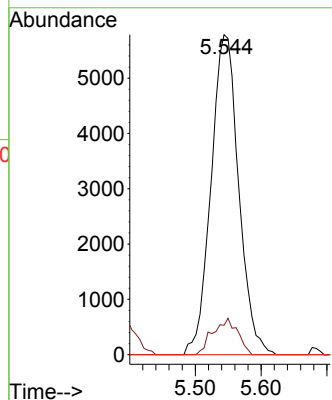
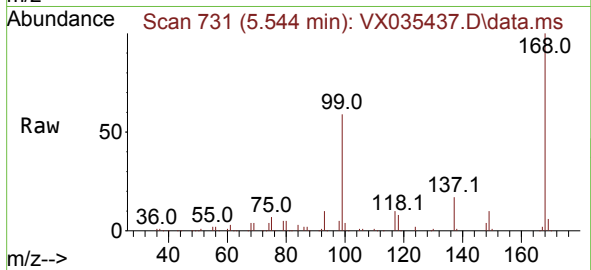




#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

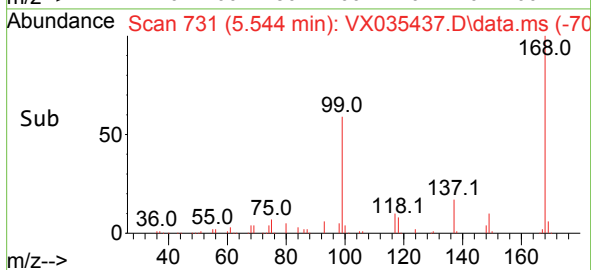
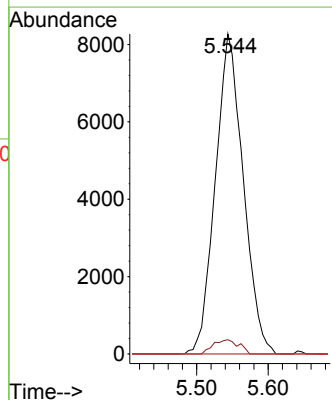
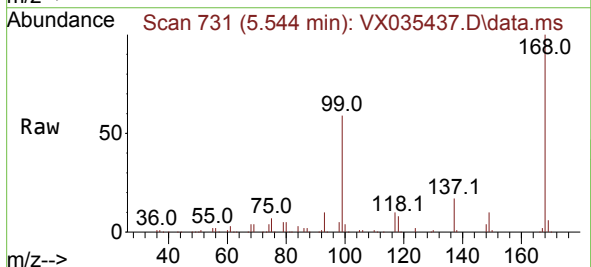
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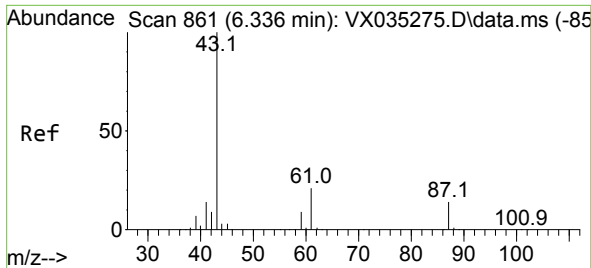
Tgt Ion: 75 Resp: 16940
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.446 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion: 117 Resp: 22390
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 0.223 ug/l

RT: 6.360 min Scan# 861

Delta R.T. 0.024 min

Lab File: VX035437.D

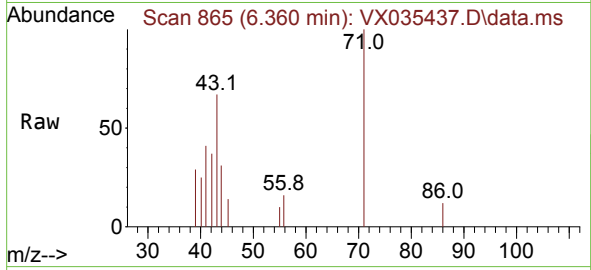
Acq: 01 May 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

P001-SS013-0612-01



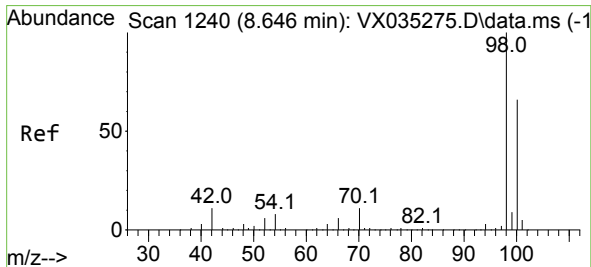
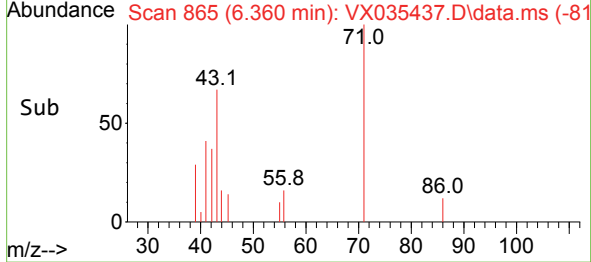
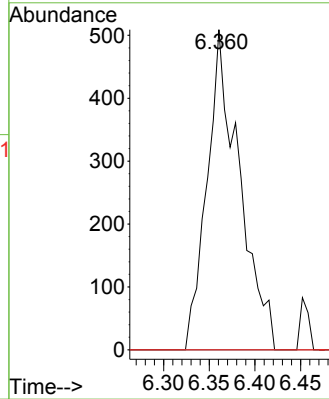
Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.8#



#50

Toluene-d8

Concen: 50.598 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035437.D

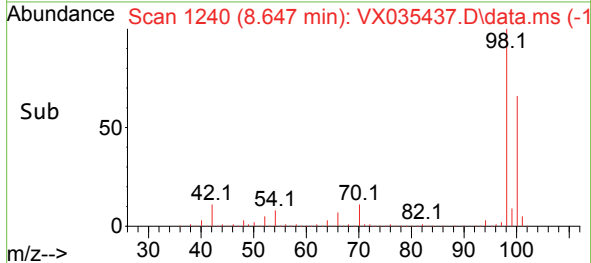
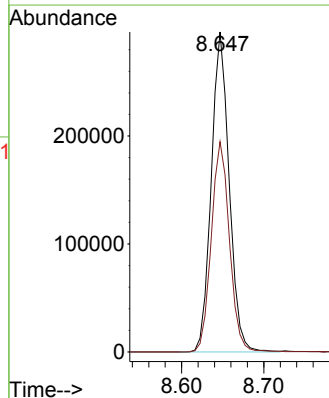
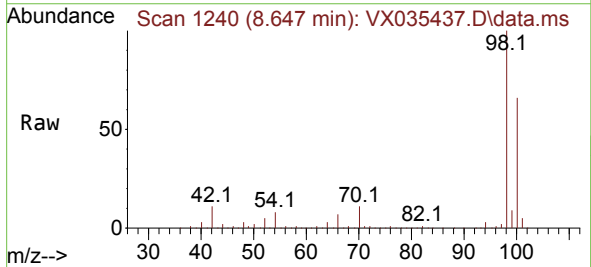
Acq: 01 May 2023 13:58

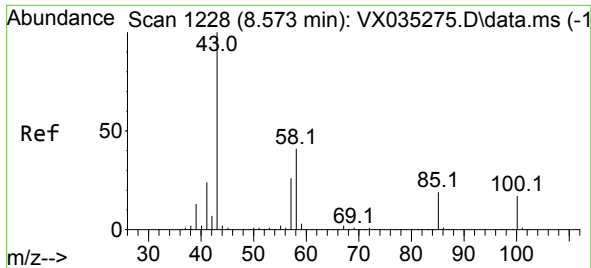
Tgt Ion: 98 Resp: 447241

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

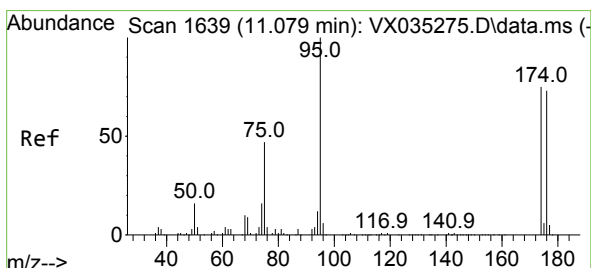
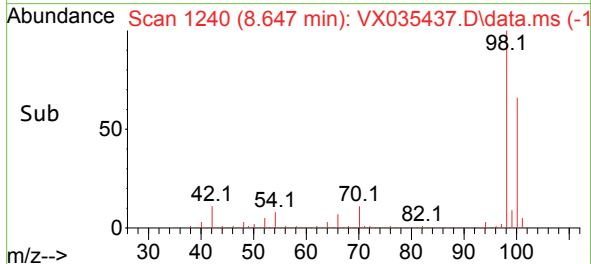
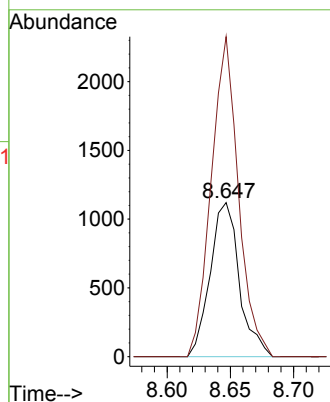
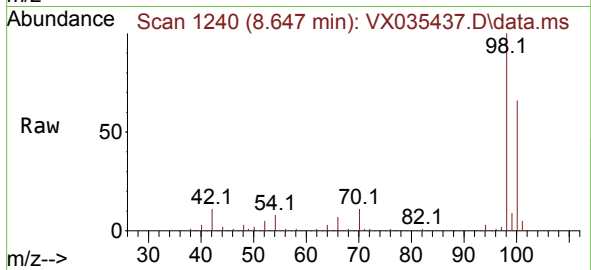




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

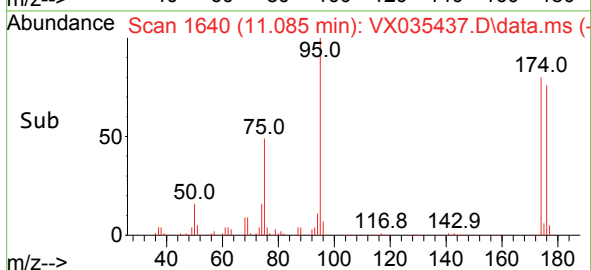
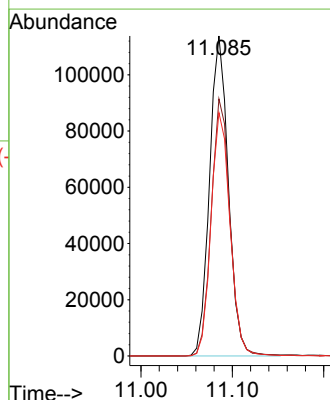
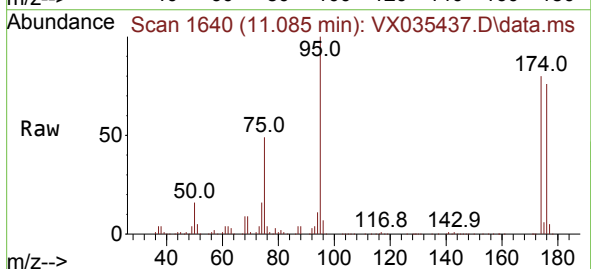
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01

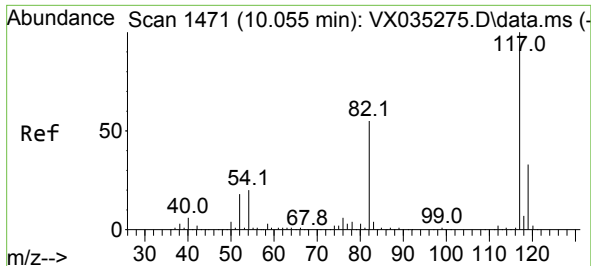
Tgt Ion: 43 Resp: 1796
Ion Ratio Lower Upper
43 100
58 193.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 49.189 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion: 95 Resp: 163560
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.5 0.0 140.6

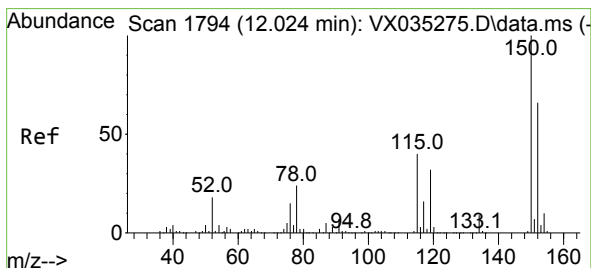
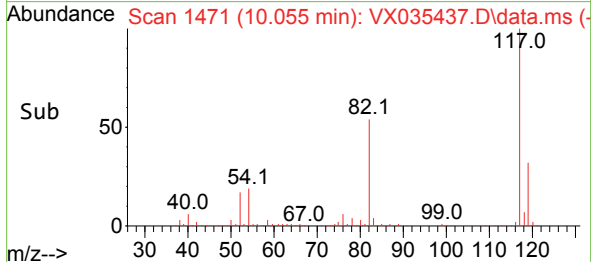
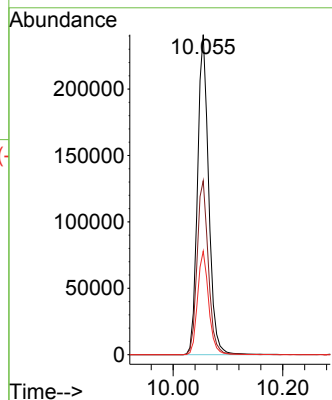
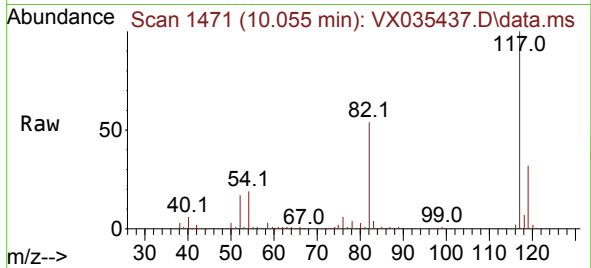




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

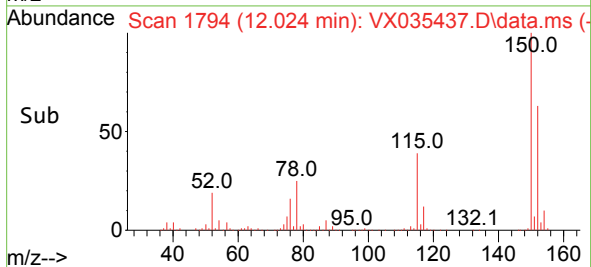
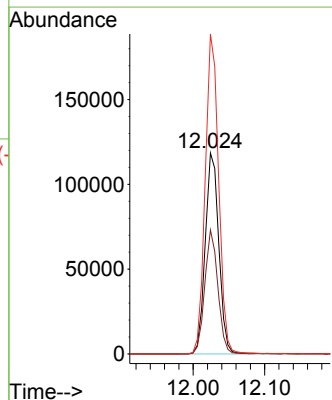
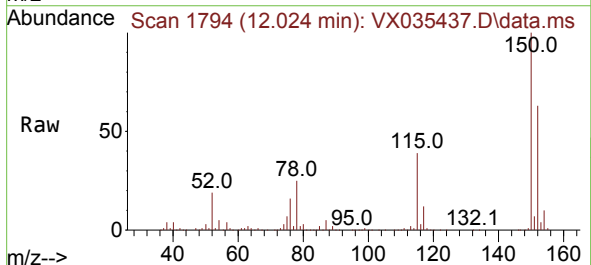
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01

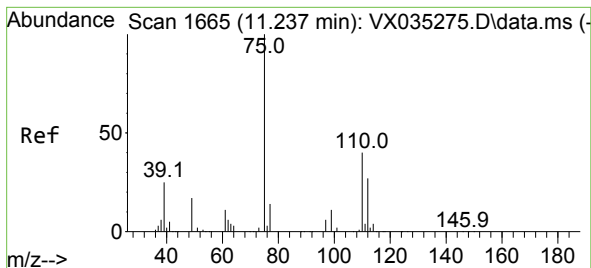
Tgt Ion:117 Resp: 341674
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

Tgt Ion:152 Resp: 156778
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 157.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.500 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.152 min

Lab File: VX035437.D

Acq: 01 May 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

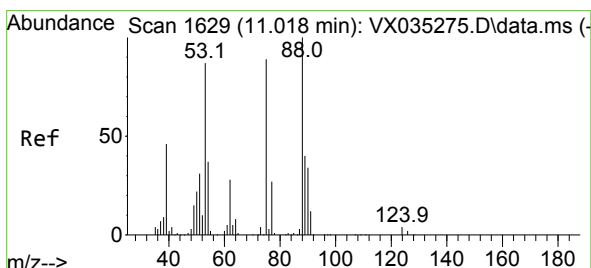
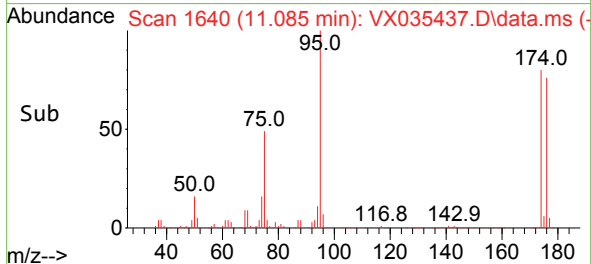
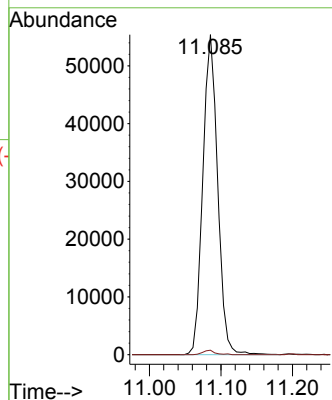
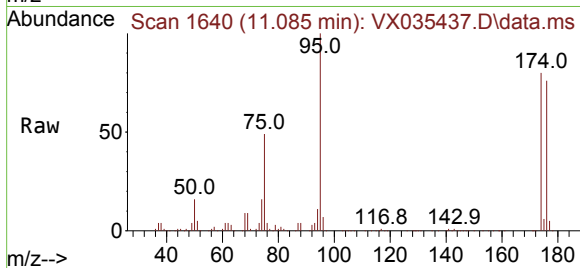
P001-SS013-0612-01

Tgt Ion: 75 Resp: 79748

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.590 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX035437.D

Acq: 01 May 2023 13:58

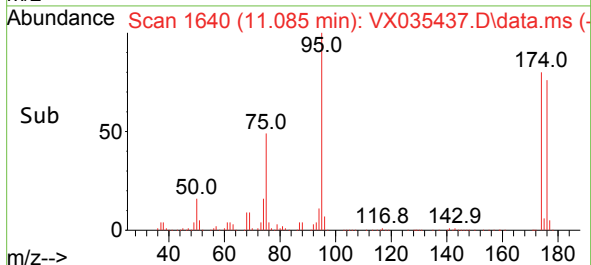
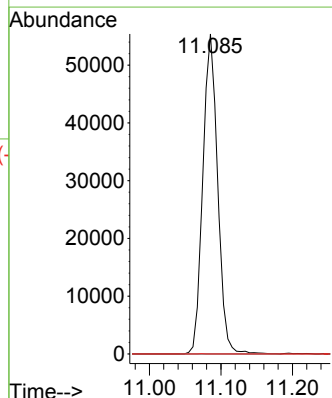
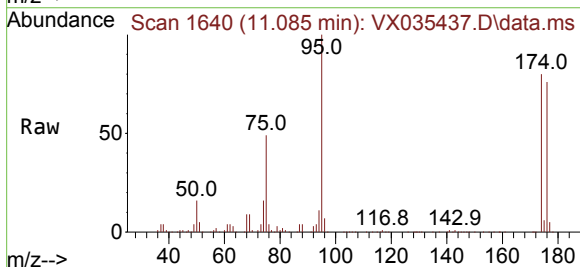
Tgt Ion: 75 Resp: 79748

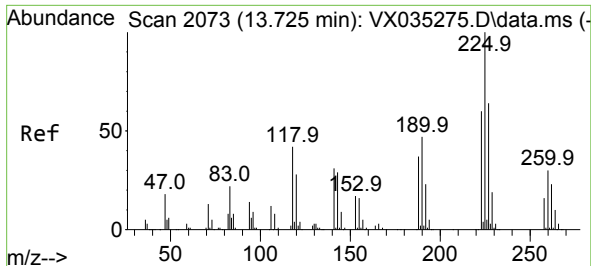
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

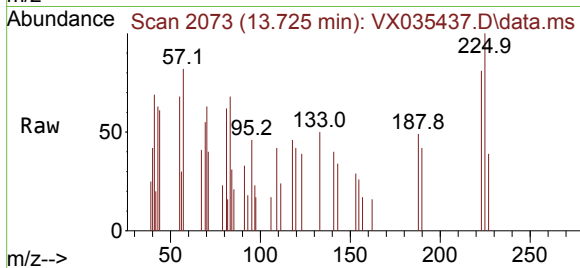
89 0.0 36.9 55.3#



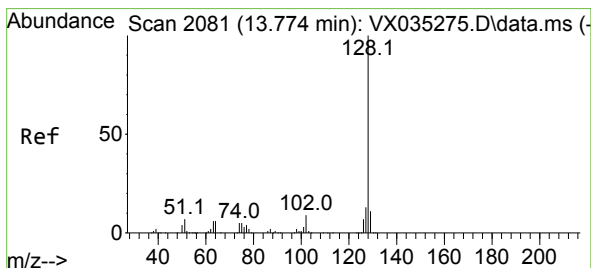
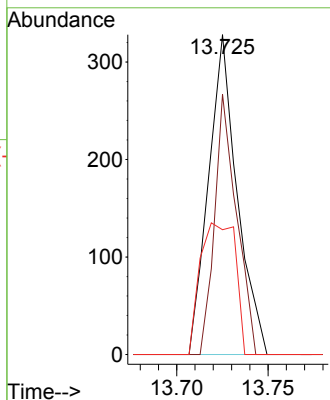
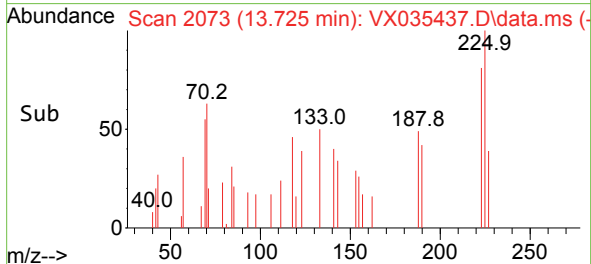


#94
Hexachlorobutadiene
Concen: 0.238 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58

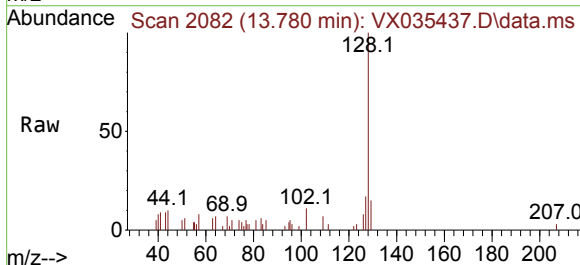
Instrument :
MSVOA_X
ClientSampleId :
P001-SS013-0612-01



Tgt Ion:	225	Resp:	356
Ion Ratio	Lower	Upper	
225	100		
223	62.4	32.1	96.5
227	50.6	31.8	95.4



#95
Naphthalene
Concen: 0.358 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035437.D
Acq: 01 May 2023 13:58



Tgt Ion:	128	Resp:	3752
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.2	15.4
129	13.5	8.6	13.0

