

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036986.D
 Acq On : 15 Aug 2023 14:31
 Operator : JC/MD
 Sample : 03997-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 16 05:33:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

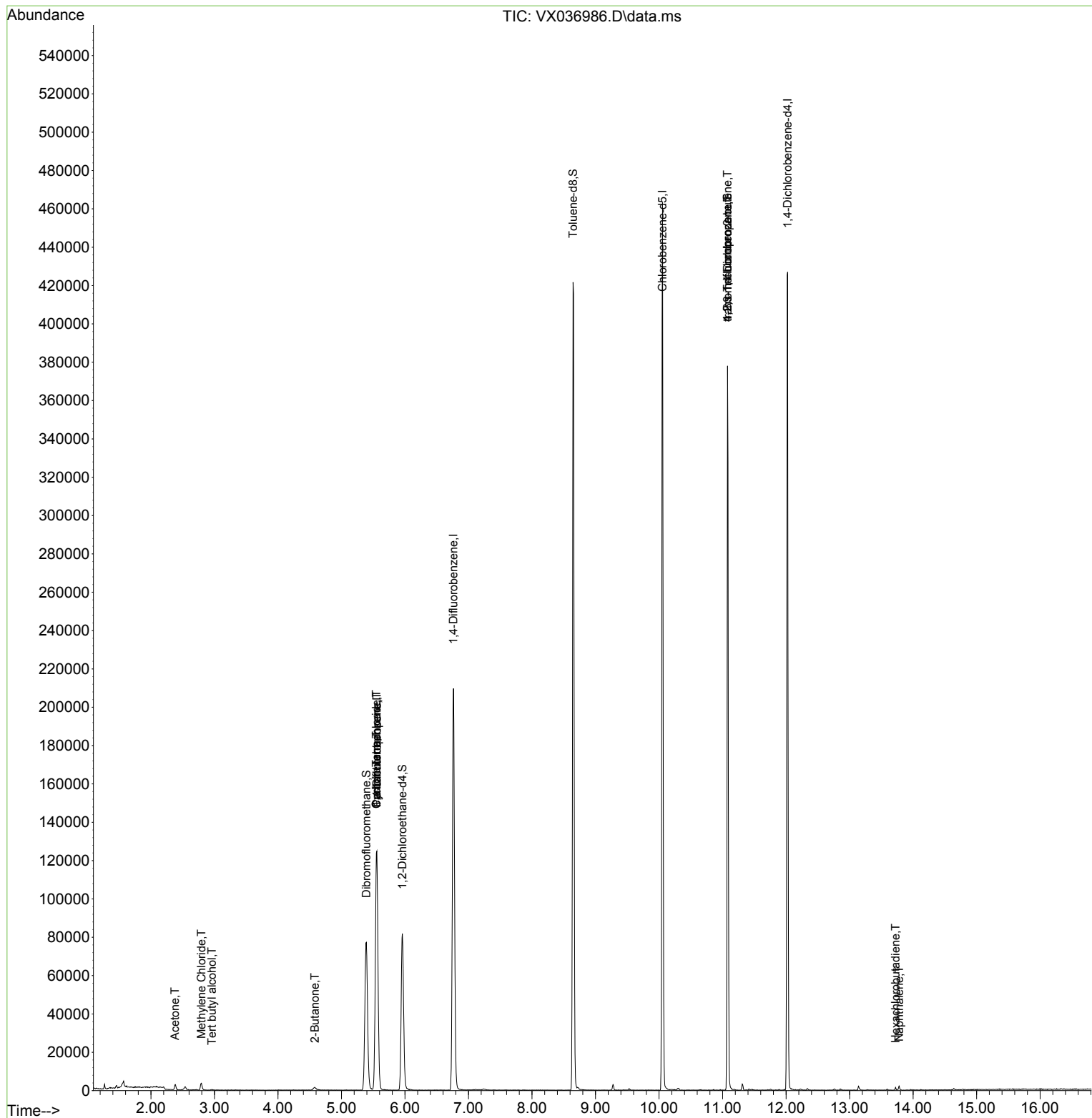
Internal Standards						
1) Pentafluorobenzene	5.556	168	116644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82286	47.677	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.360%		
35) Dibromofluoromethane	5.391	113	69358	46.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.560%		
50) Toluene-d8	8.647	98	256871	48.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	100186	50.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.000%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	342	0.837	ug/l #	78
16) Acetone	2.380	43	3135	4.377	ug/l	97
20) Methylene Chloride	2.794	84	1953	1.226	ug/l	93
25) 2-Butanone	4.580	43	1111	0.956	ug/l	94
31) Cyclohexane	5.550	56	2597	1.087	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9791	4.430	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12847	5.468	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	52016	24.568	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52016	55.684	ug/l #	5
94) Hexachlorobutadiene	13.725	225	265	0.343	ug/l	81
95) Naphthalene	13.780	128	1696	0.261	ug/l	98

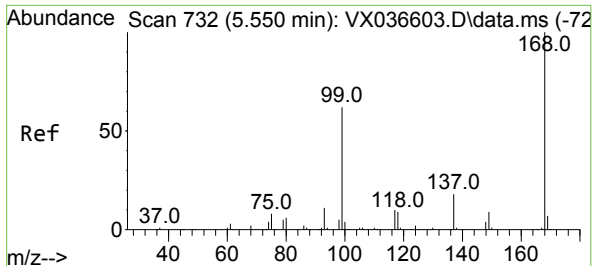
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



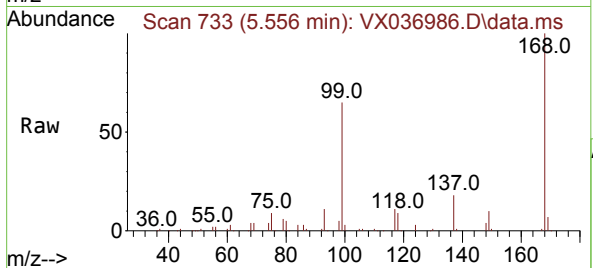


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

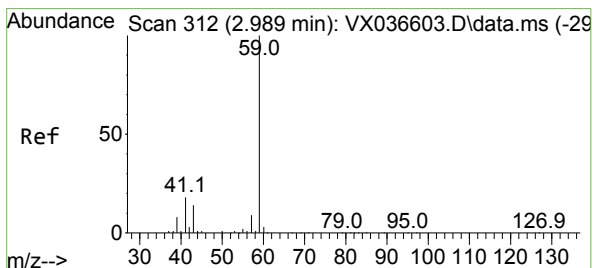
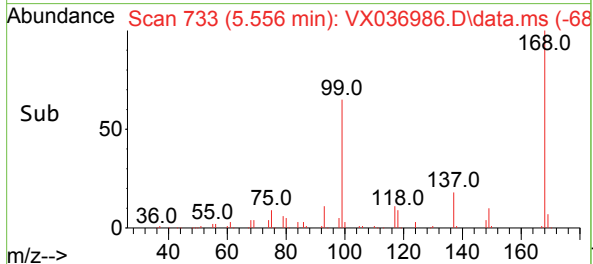
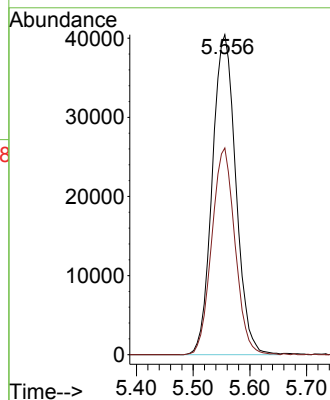
Instrument :

MSVOA_X

ClientSampleId :

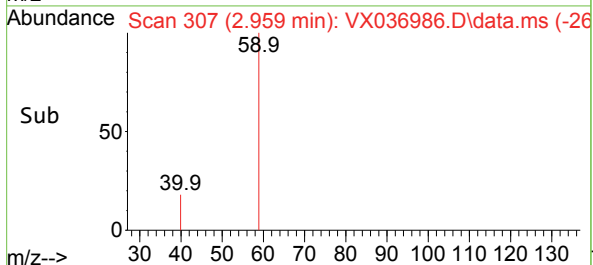
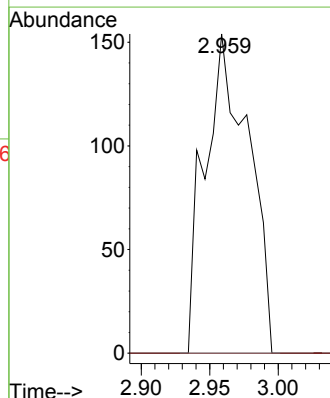
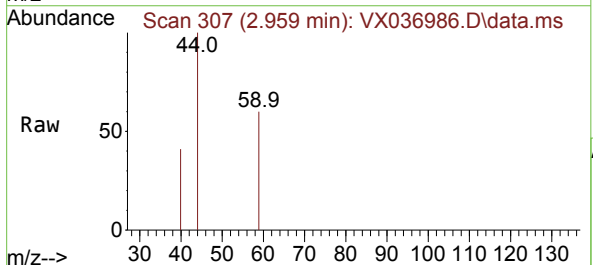


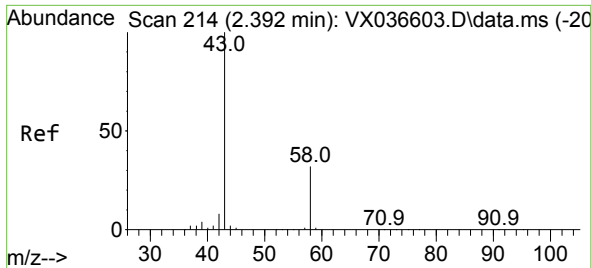
Tgt Ion:168 Resp: 116644
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

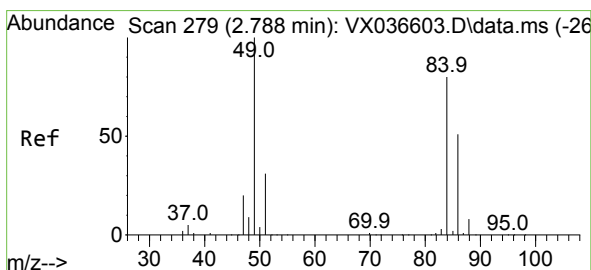
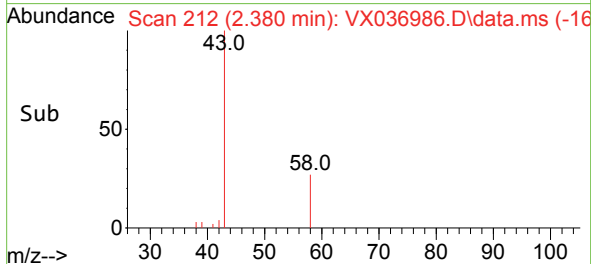
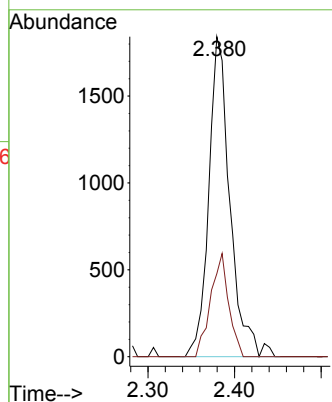
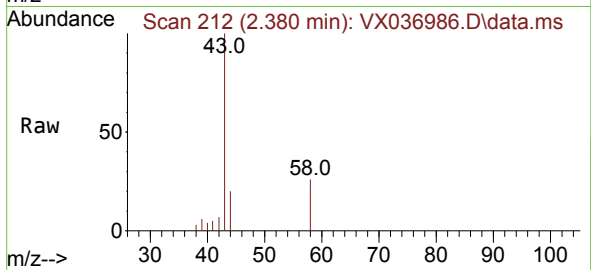




#16
Acetone
Concen: 4.377 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

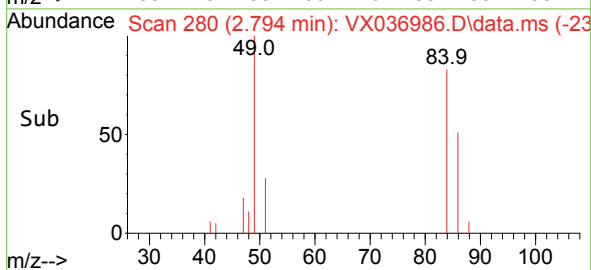
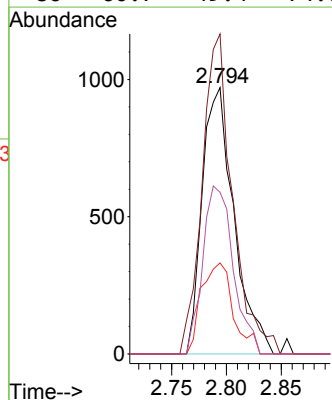
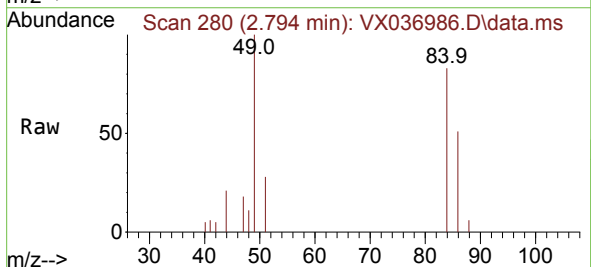
Instrument :
MSVOA_X
ClientSampleId :

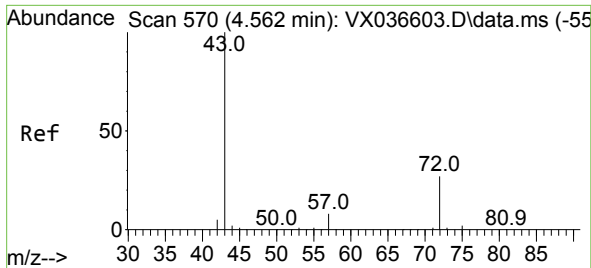
Tgt Ion: 43 Resp: 3135
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9



#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Tgt Ion: 84 Resp: 1953
Ion Ratio Lower Upper
84 100
49 120.1 103.6 155.4
51 34.2 33.8 50.6
86 60.7 49.4 74.0

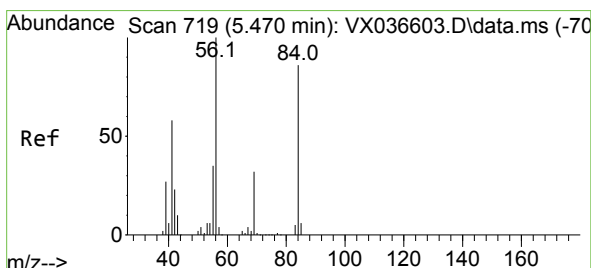
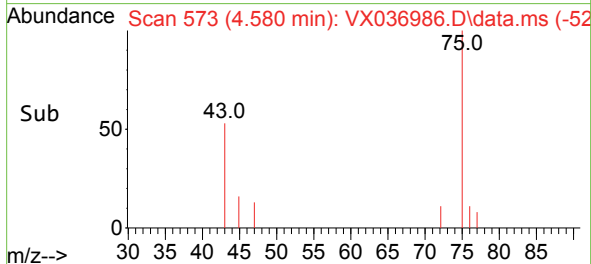
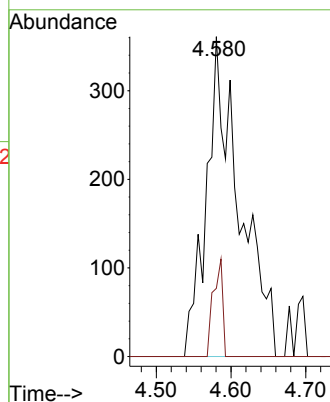
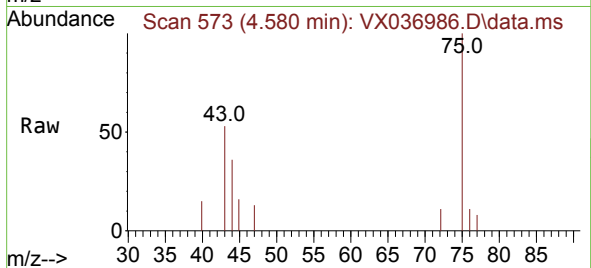




#25
2-Butanone
Concen: 0.956 ug/l
RT: 4.580 min Scan# 511
Delta R.T. 0.018 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

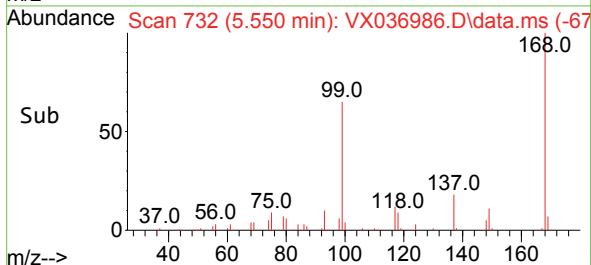
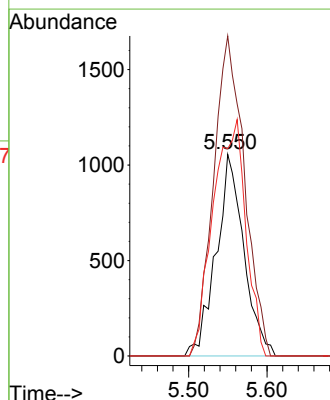
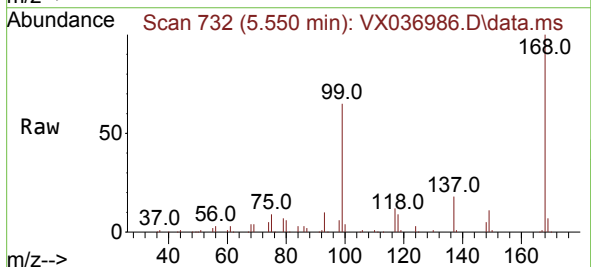
Instrument :
MSVOA_X
ClientSampleId :

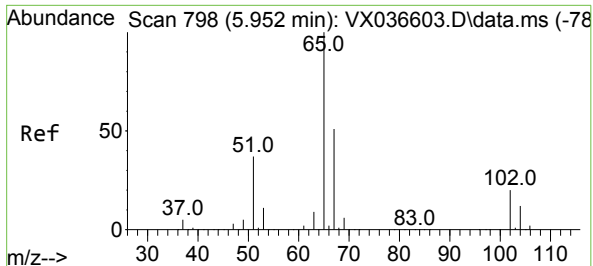
Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
72 21.3 19.4 29.2



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Tgt Ion: 56 Resp: 2597
Ion Ratio Lower Upper
56 100
69 158.7 23.4 35.2#
84 102.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.677 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036986.D

Acq: 15 Aug 2023 14:31

Instrument :

MSVOA_X

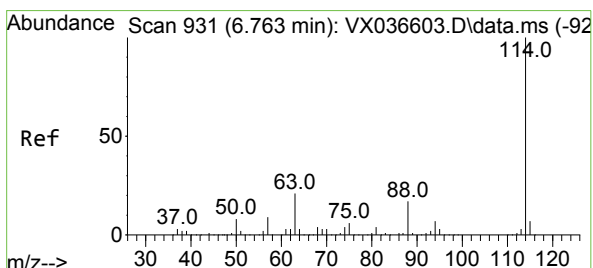
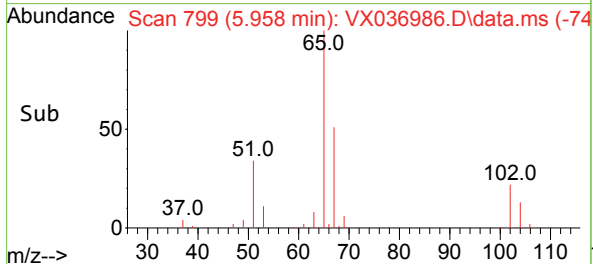
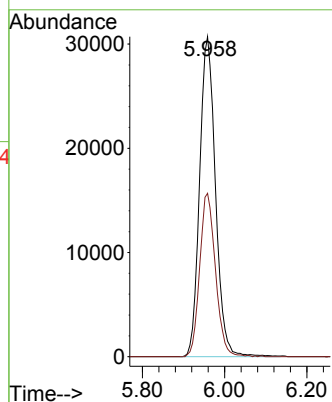
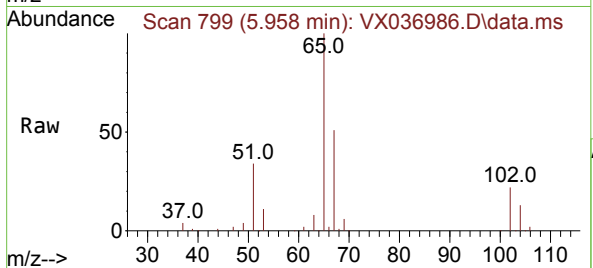
ClientSampleId :

Tgt Ion: 65 Resp: 82286

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036986.D

Acq: 15 Aug 2023 14:31

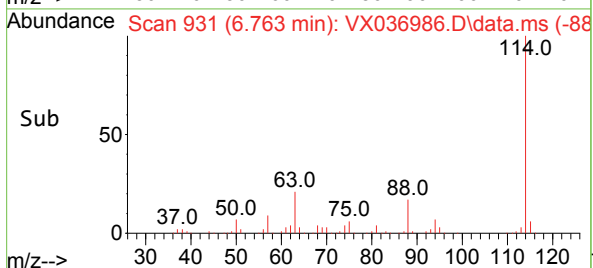
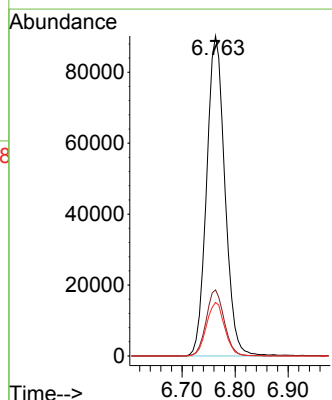
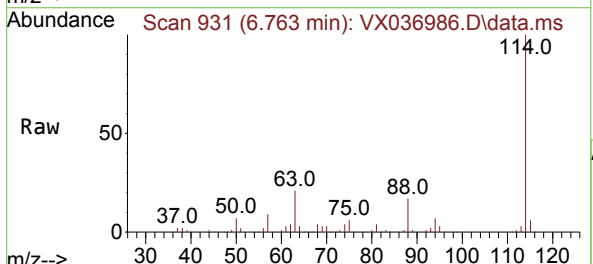
Tgt Ion: 114 Resp: 215726

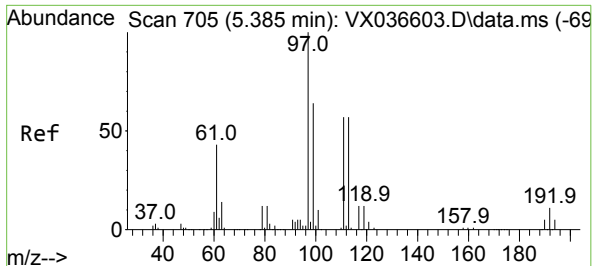
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

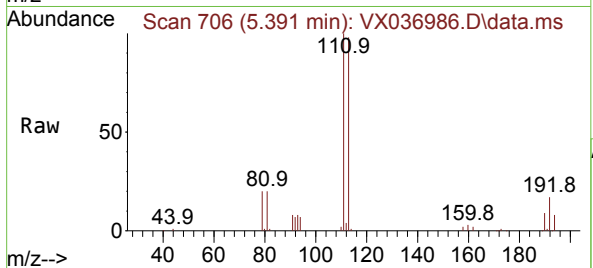
88 16.7 0.0 36.6



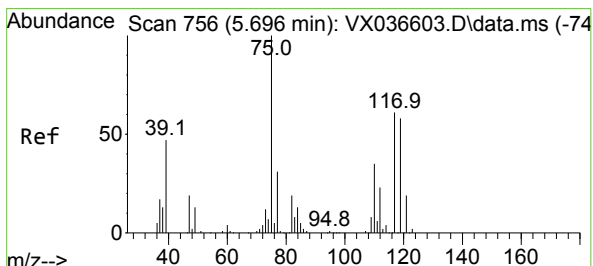
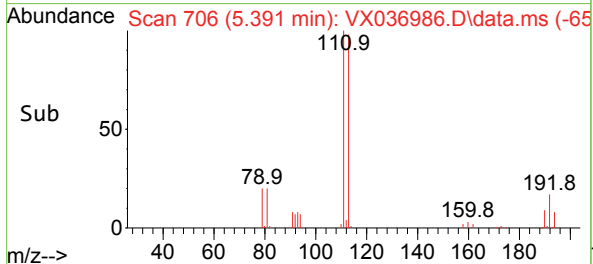
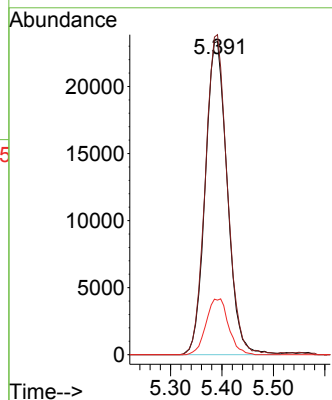


#35
Dibromofluoromethane
Concen: 46.776 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :

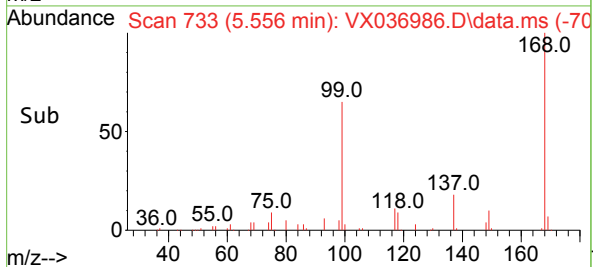
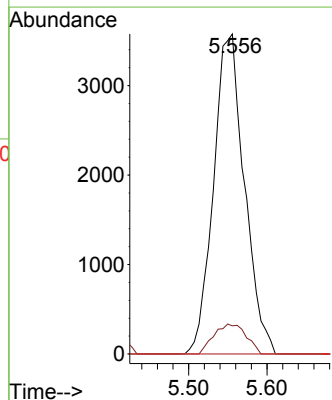
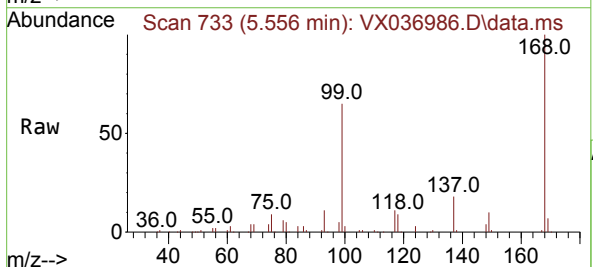


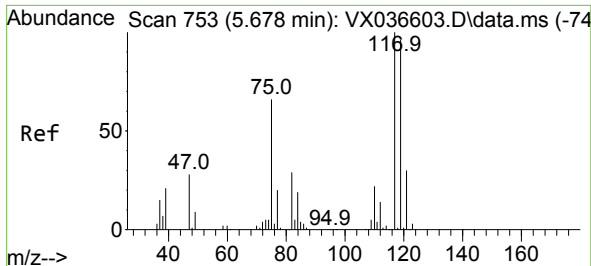
Tgt Ion:113 Resp: 69358
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.430 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

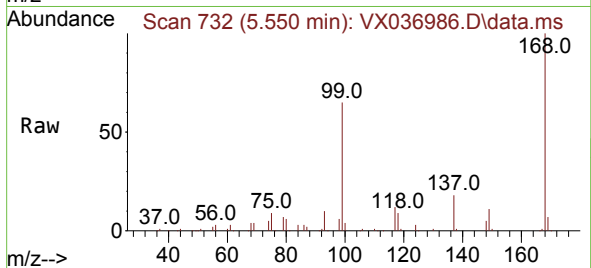
Tgt Ion: 75 Resp: 9791
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



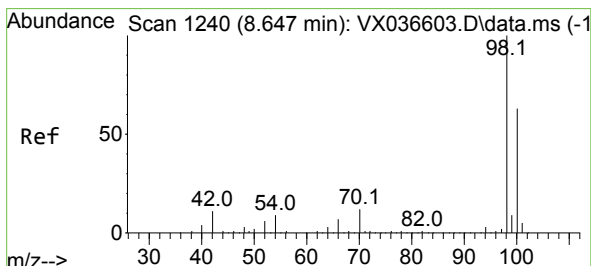
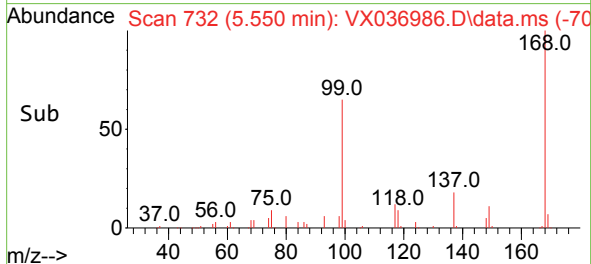
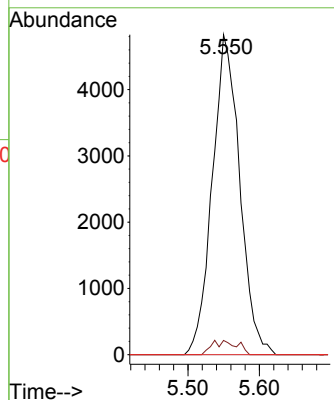


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :

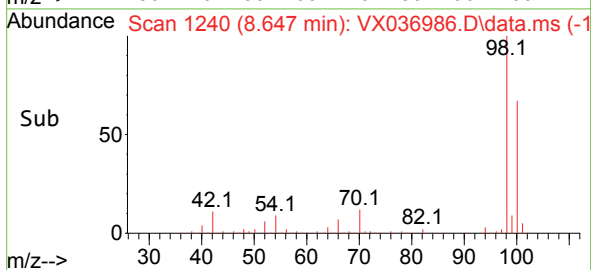
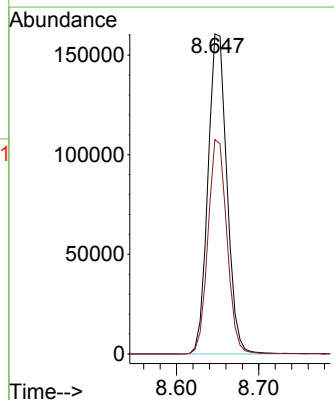
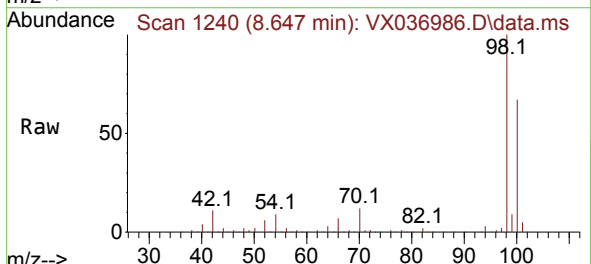


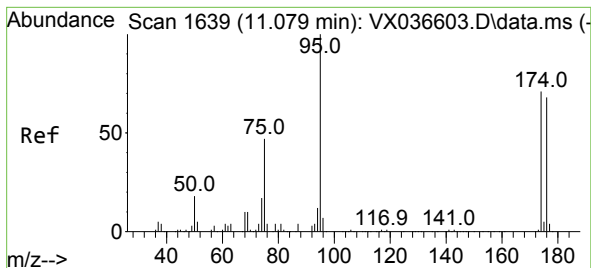
Tgt Ion:117 Resp: 12847
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.851 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Tgt Ion: 98 Resp: 256871
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

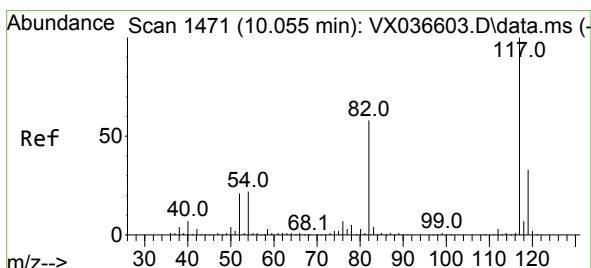
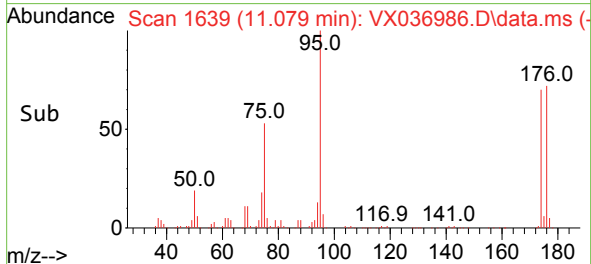
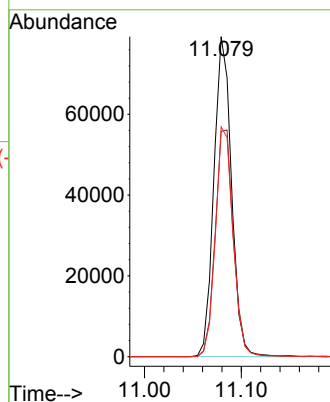
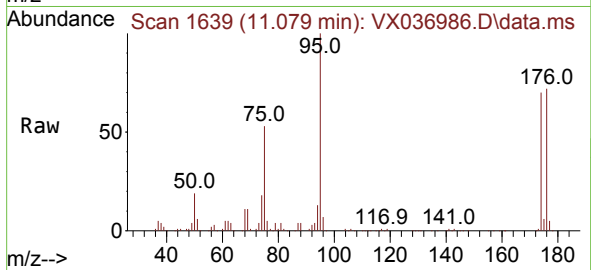




#62
4-Bromofluorobenzene
Concen: 50.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

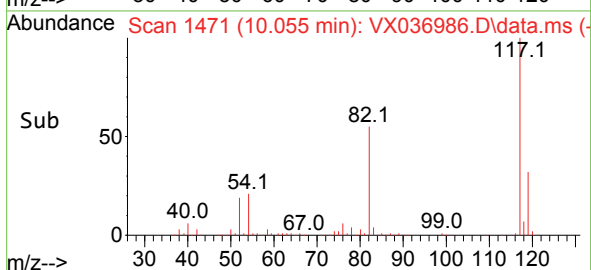
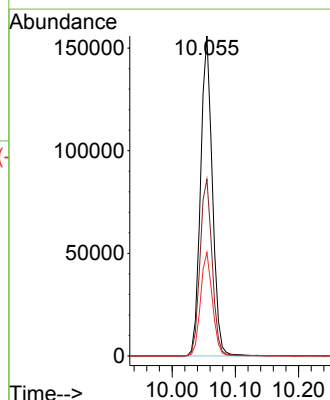
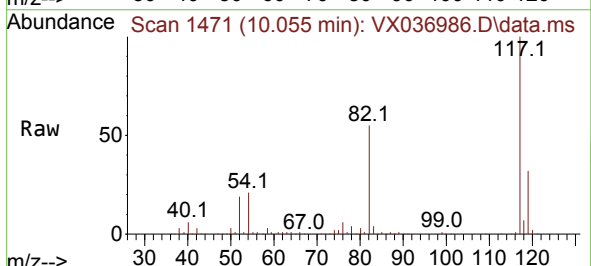
Instrument :
MSVOA_X
ClientSampleId :

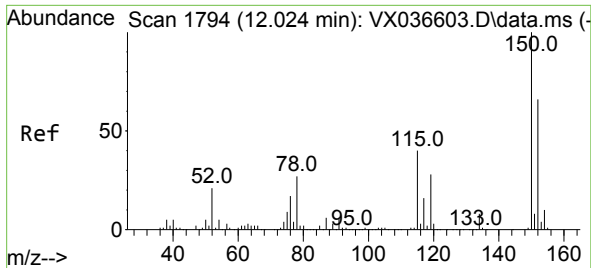
Tgt Ion: 95 Resp: 100186
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Tgt Ion: 117 Resp: 202974
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.4 25.5 38.3

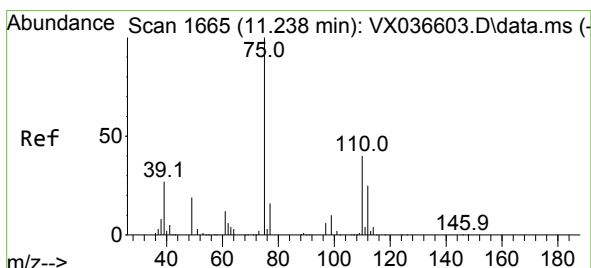
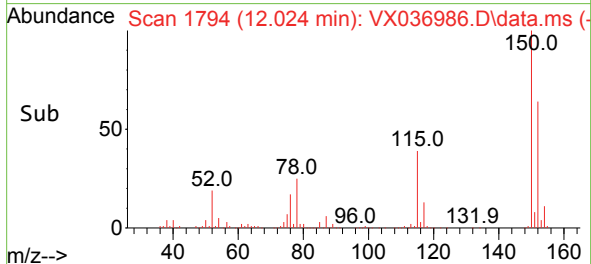
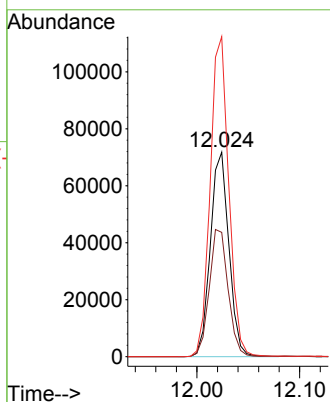
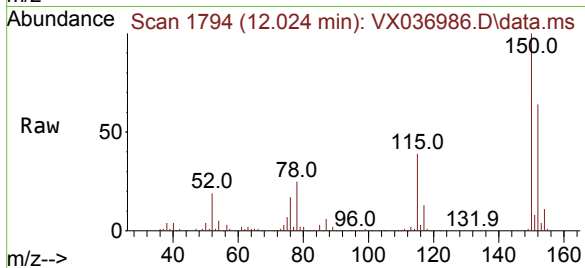




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036986.D
 Acq: 15 Aug 2023 14:31

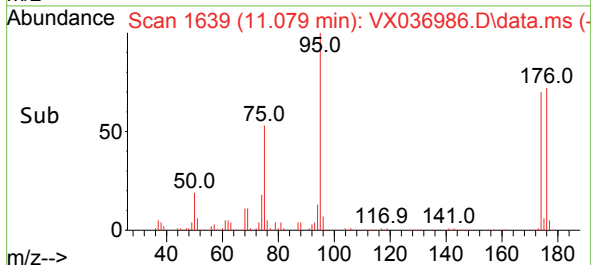
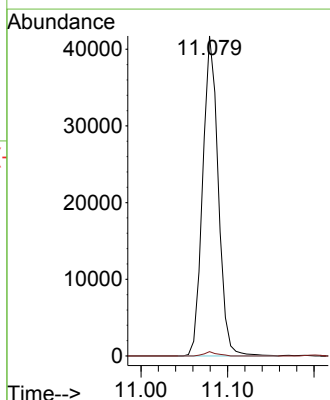
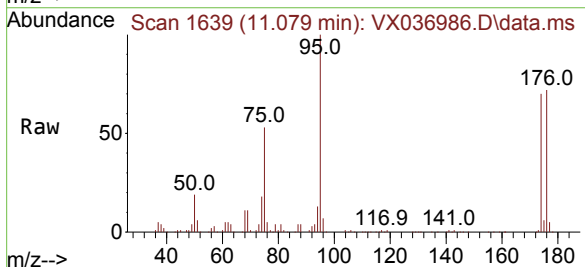
Instrument :
 MSVOA_X
 ClientSampleId :

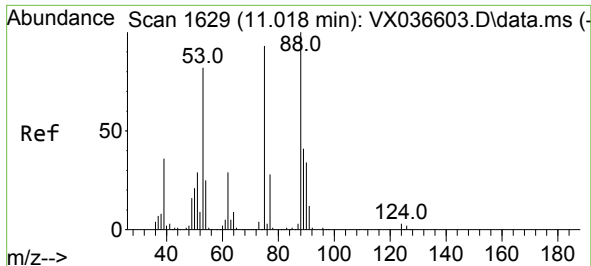
Tgt Ion:152 Resp: 90015
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.568 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036986.D
 Acq: 15 Aug 2023 14:31

Tgt Ion: 75 Resp: 52016
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

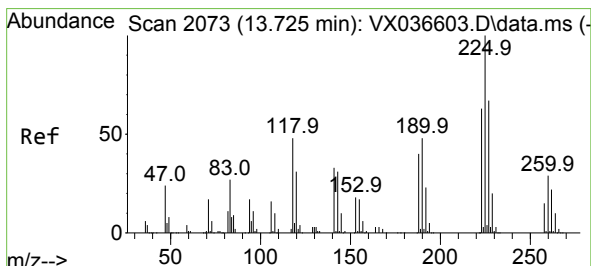
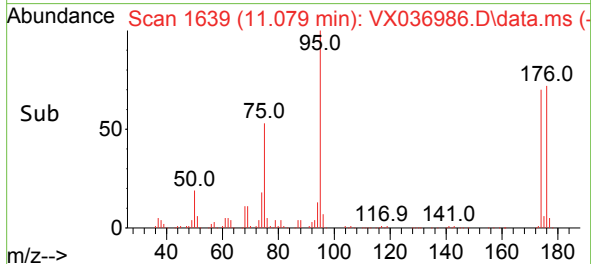
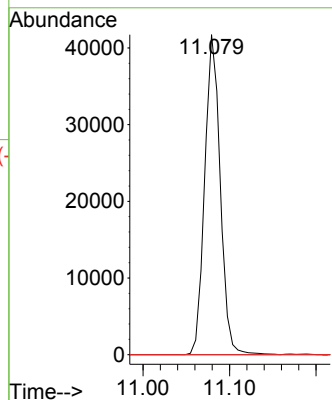
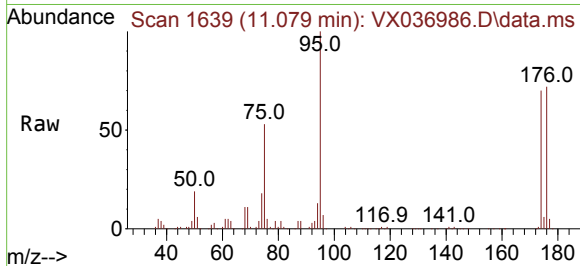




#81
trans-1,4-Dichloro-2-butene
Concen: 55.684 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

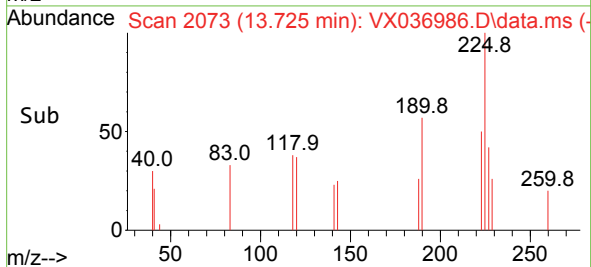
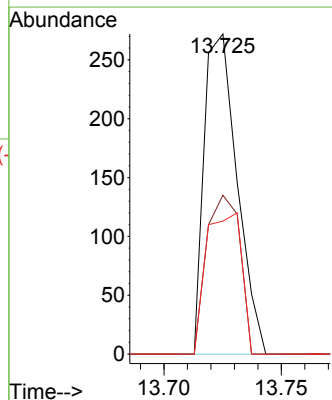
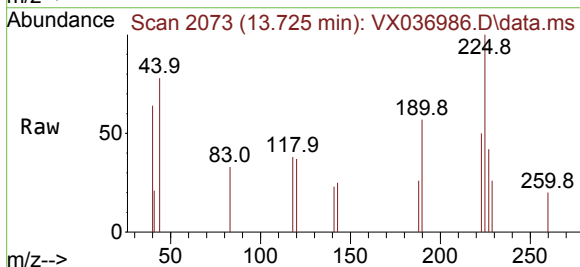
Instrument :
MSVOA_X
ClientSampleId :

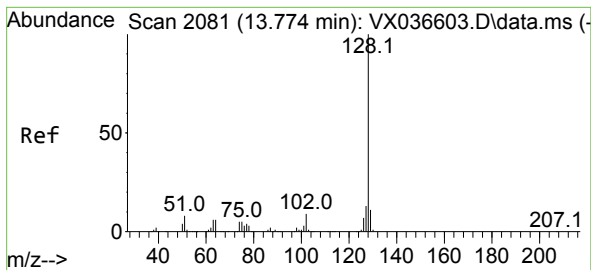
Tgt Ion: 75 Resp: 52016
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.343 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

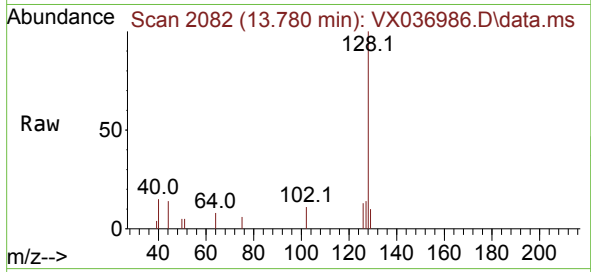
Tgt Ion: 225 Resp: 265
Ion Ratio Lower Upper
225 100
223 50.2 31.1 93.2
227 47.2 32.5 97.5





#95
Naphthalene
Concen: 0.261 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036986.D
Acq: 15 Aug 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1696
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	10.2	8.8	13.2

