

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036980.D
 Acq On : 15 Aug 2023 11:54
 Operator : JC/MD
 Sample : VX0815WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 16 05:31:11 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)

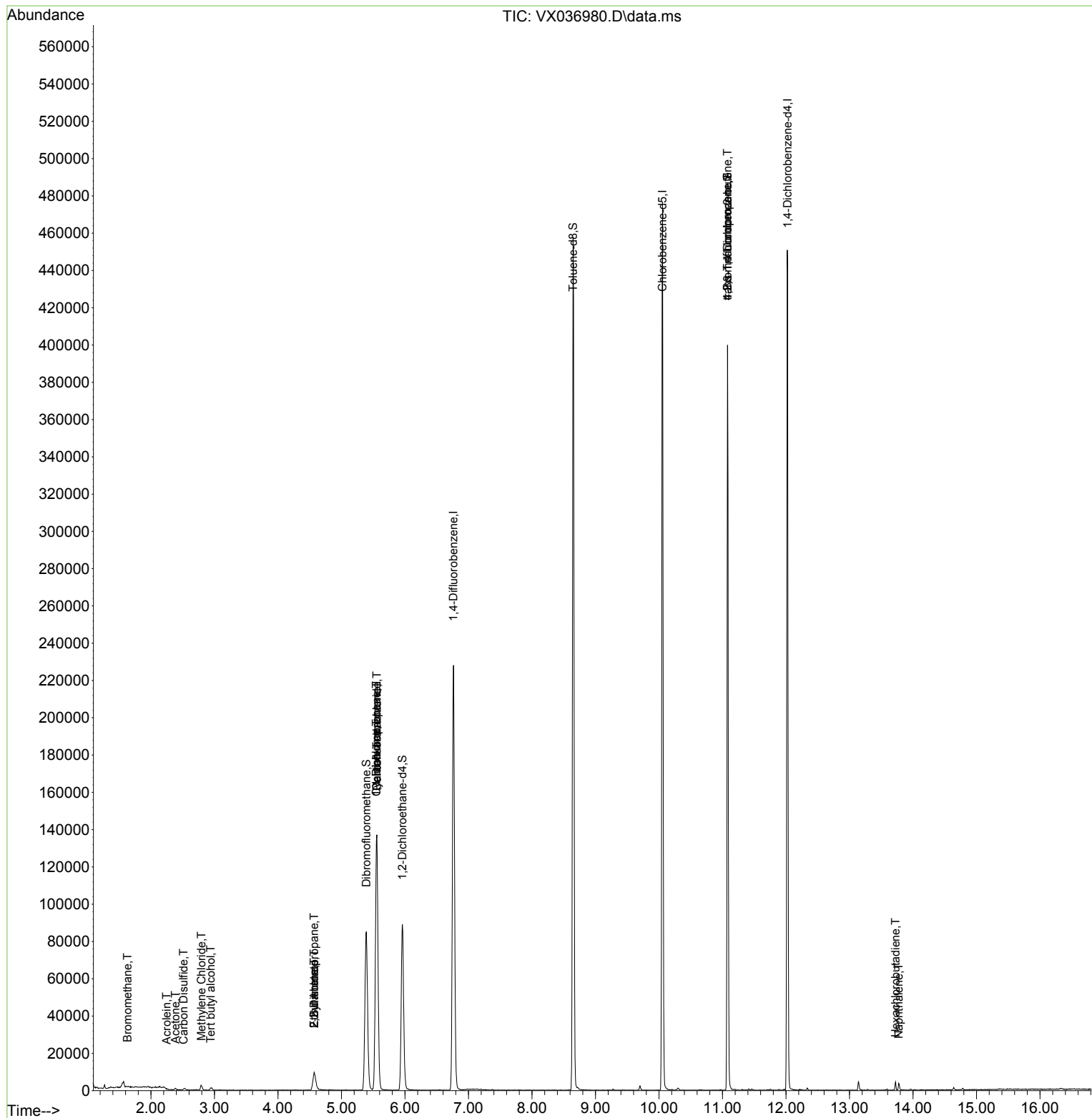
Internal Standards						
1) Pentafluorobenzene	5.556	168	125939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88390	47.433	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.860%	
35) Dibromofluoromethane	5.391	113	74356	46.724	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.440%	
50) Toluene-d8	8.647	98	277398	49.155	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.300%	
62) 4-Bromofluorobenzene	11.079	95	106530	50.034	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	246	0.267	ug/l	82
11) Tert butyl alcohol	2.941	59	935	2.119	ug/l #	78
13) Acrolein	2.246	56	100	0.397	ug/l	94
16) Acetone	2.386	43	1004	1.298	ug/l	96
17) Carbon Disulfide	2.514	76	809	0.208	ug/l #	76
20) Methylene Chloride	2.794	84	1393	0.810	ug/l #	74
25) 2-Butanone	4.568	43	698	0.556	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	796	0.286	ug/l #	54
31) Cyclohexane	5.550	56	2799	1.085	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	10387	4.379	ug/l #	51
37) Ethyl Acetate	4.568	43	698	0.260	ug/l #	24
38) Carbon Tetrachloride	5.556	117	13641	5.409	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	55286	24.566	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55286	55.681	ug/l #	5
94) Hexachlorobutadiene	13.725	225	681	0.829	ug/l	90
95) Naphthalene	13.774	128	3103	0.448	ug/l #	95

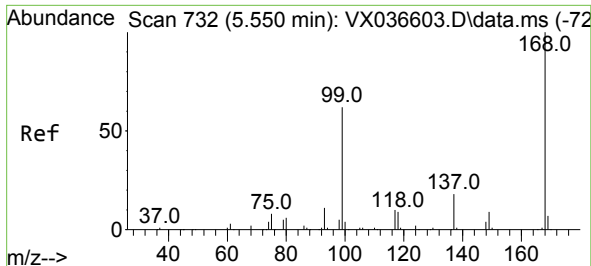
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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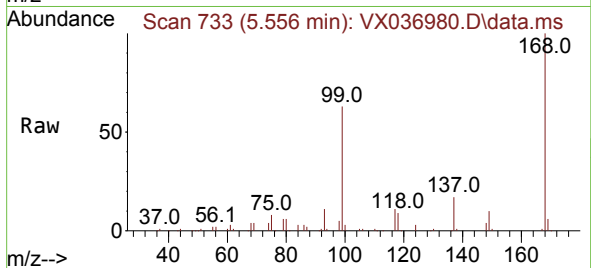
Quant Time: Aug 16 05:31:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



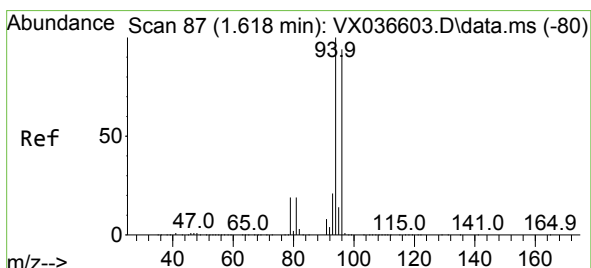
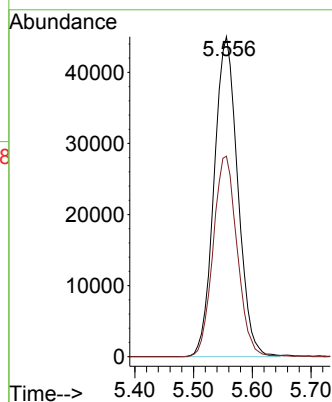
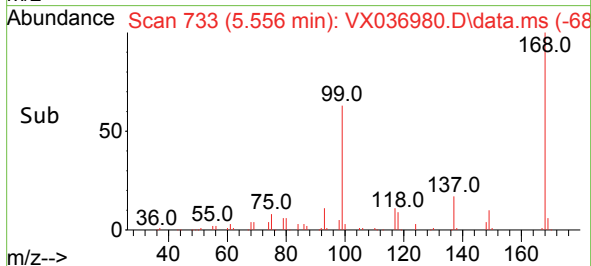


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :

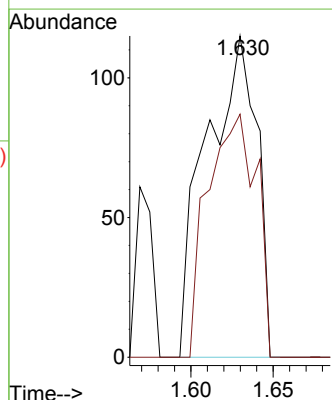
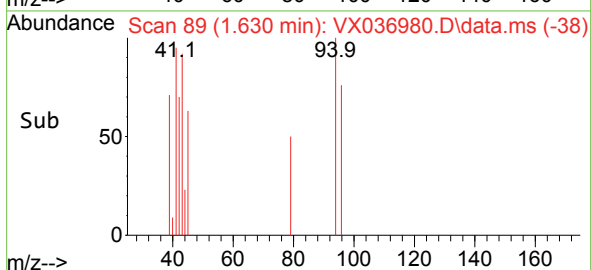
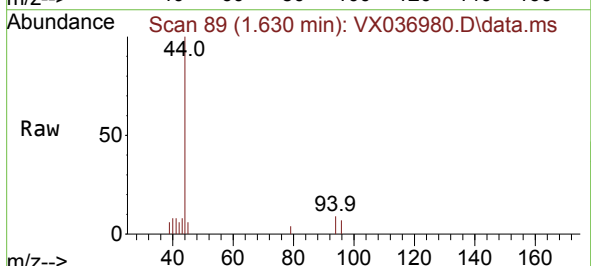


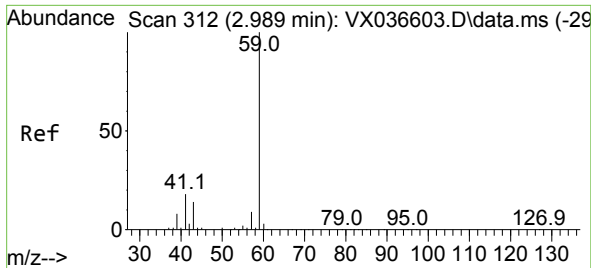
Tgt Ion:168 Resp: 125939
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 75.7 74.6 111.8

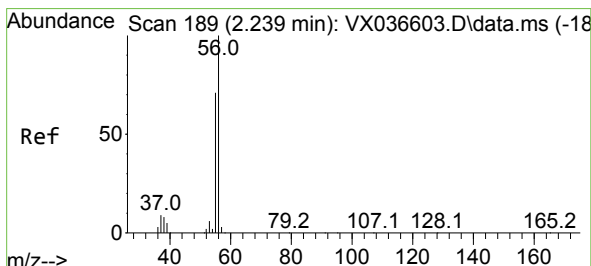
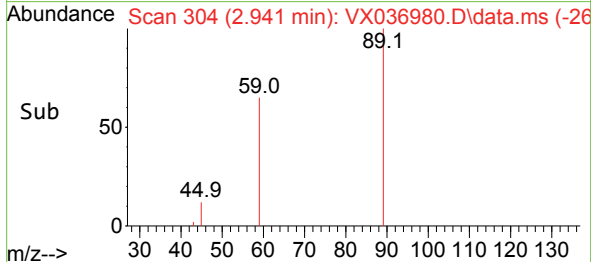
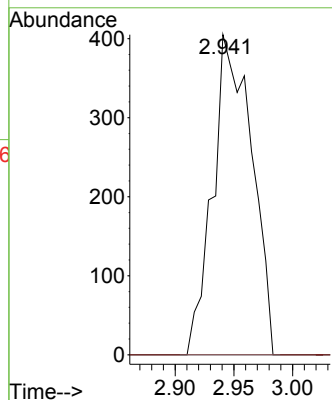
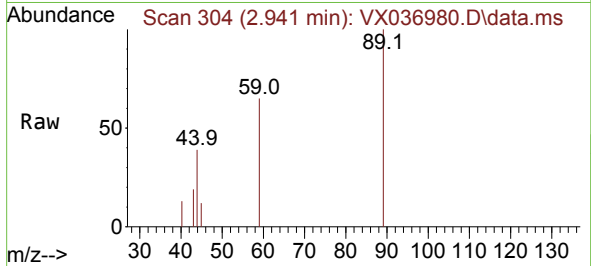




#11
Tert butyl alcohol
Concen: 2.119 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

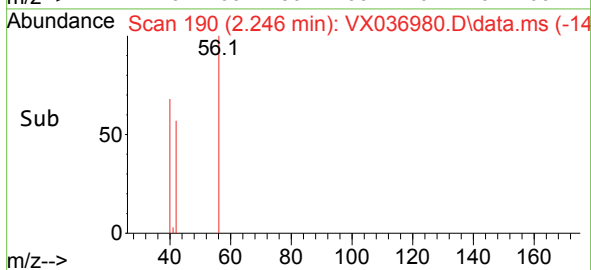
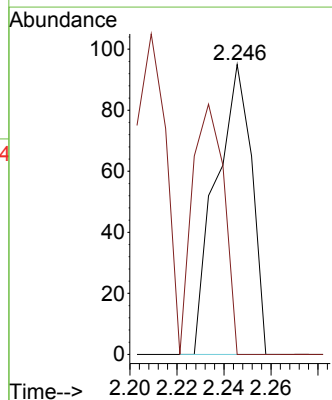
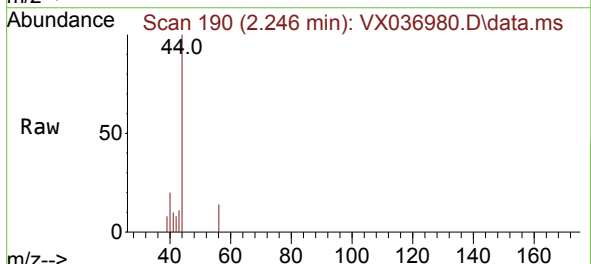
Instrument :
MSVOA_X
ClientSampleId :

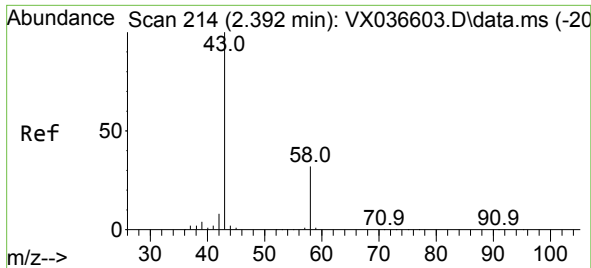
Tgt Ion: 59 Resp: 935
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.397 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 76.0 57.1 85.7

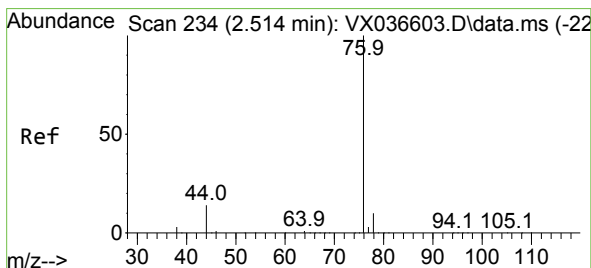
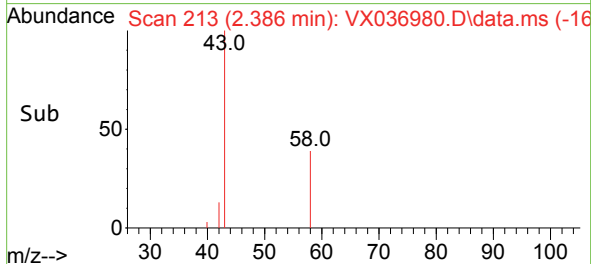
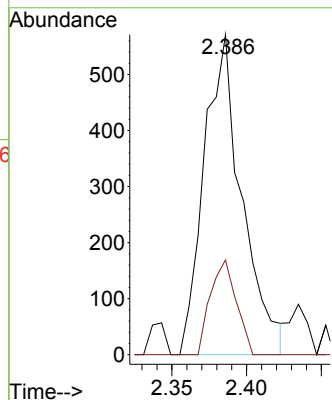
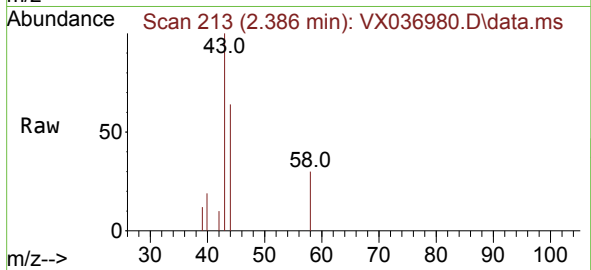




#16
Acetone
Concen: 1.298 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

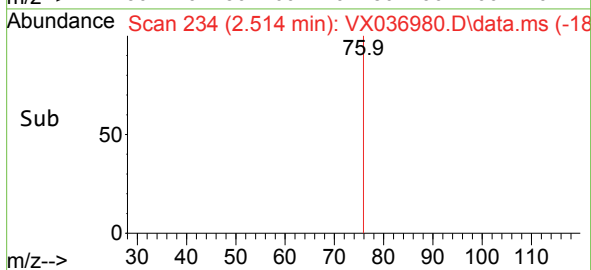
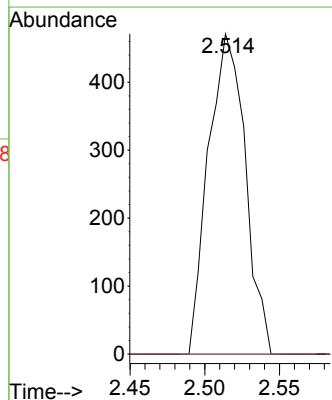
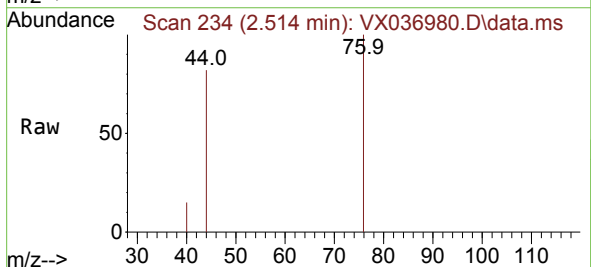
Instrument :
MSVOA_X
ClientSampleId :

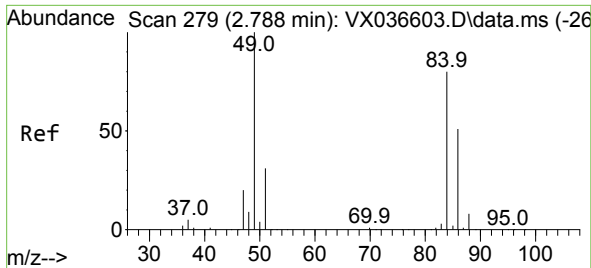
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 29.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

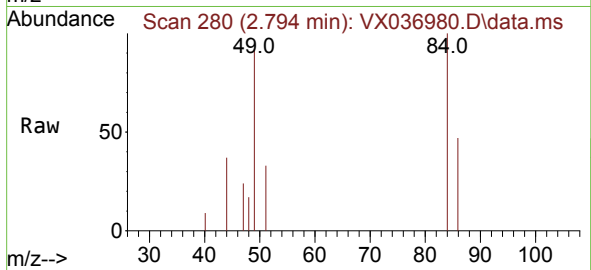
Tgt Ion: 76 Resp: 809
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



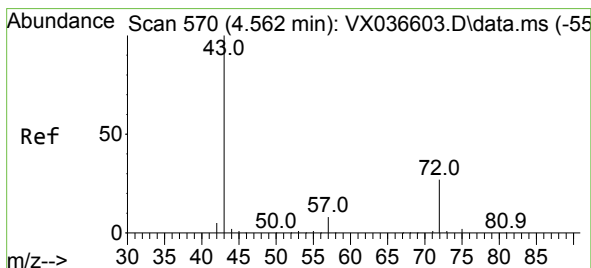
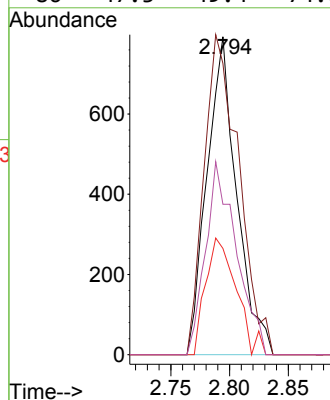
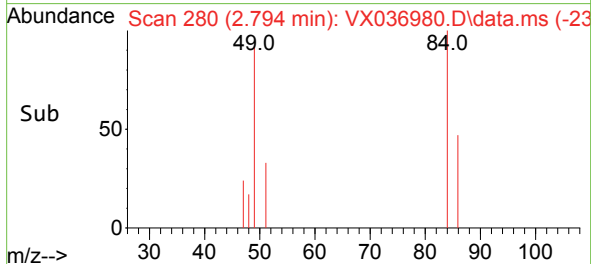


#20
Methylene Chloride
Concen: 0.810 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :

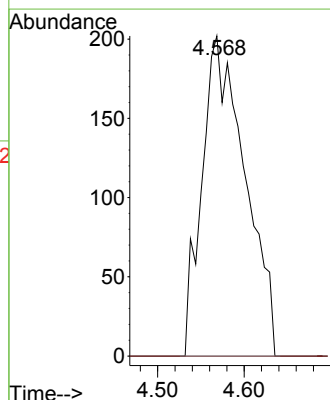
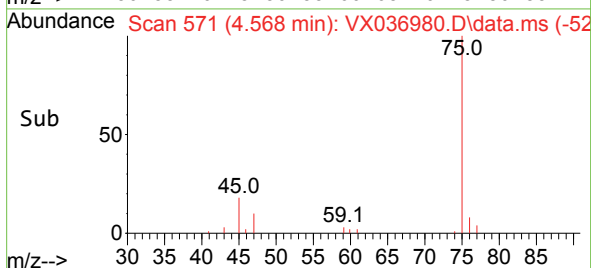
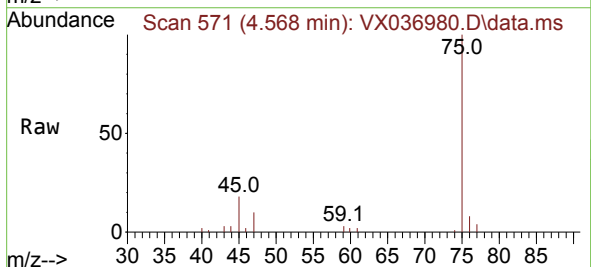


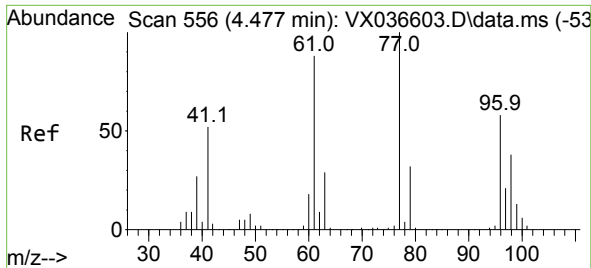
Tgt Ion: 84 Resp: 1393
Ion Ratio Lower Upper
84 100
49 91.6 103.6 155.4#
51 33.4 33.8 50.6#
86 47.3 49.4 74.0#



#25
2-Butanone
Concen: 0.556 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

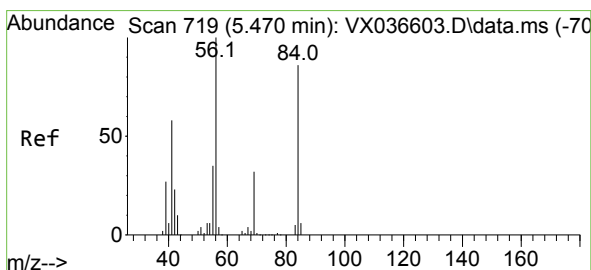
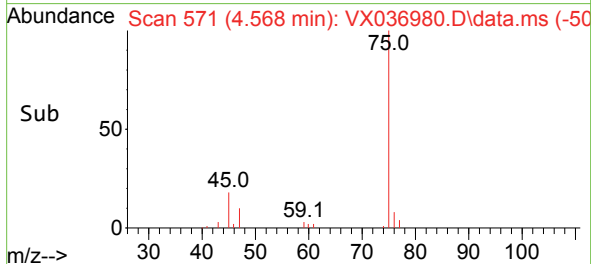
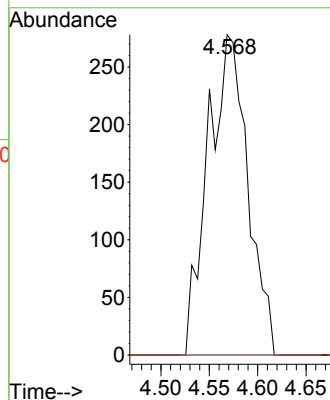
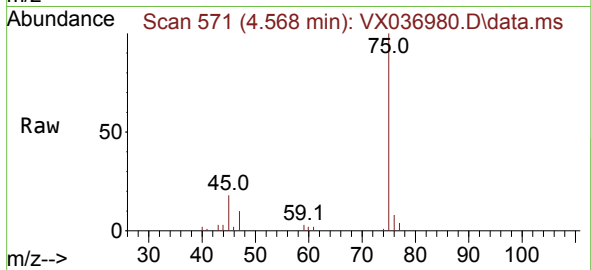




#26
2,2-Dichloropropane
Concen: 0.286 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

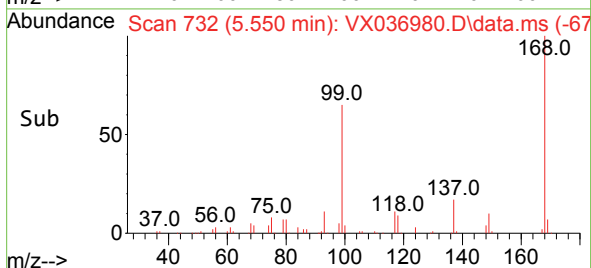
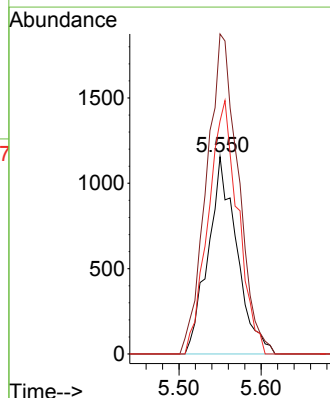
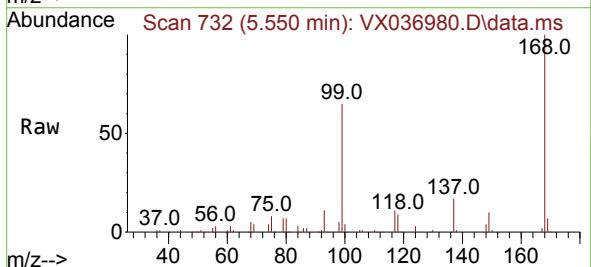
Instrument :
MSVOA_X
ClientSampleId :

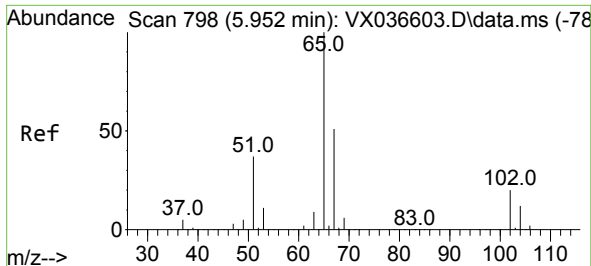
Tgt Ion: 77 Resp: 796
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 56 Resp: 2799
Ion Ratio Lower Upper
56 100
69 162.2 23.4 35.2#
84 118.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.433 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036980.D

Acq: 15 Aug 2023 11:54

Instrument :

MSVOA_X

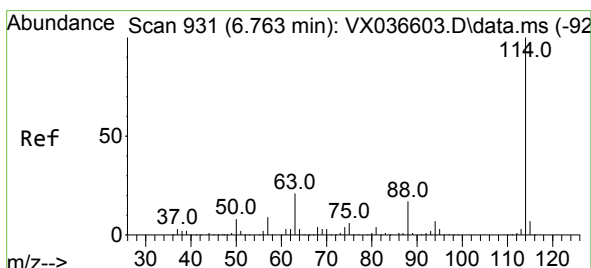
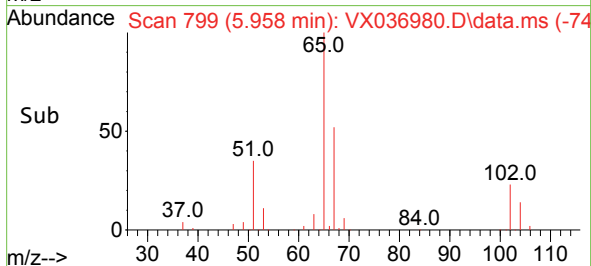
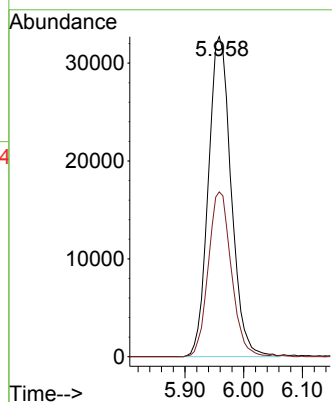
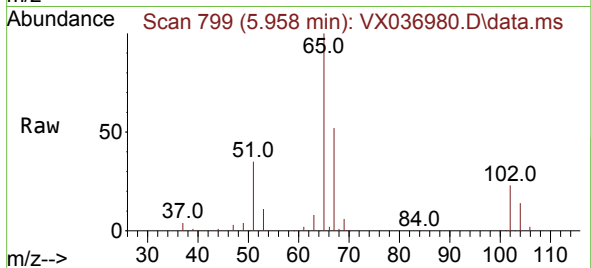
ClientSampleId :

Tgt Ion: 65 Resp: 88390

Ion Ratio Lower Upper

65 100

67 51.8 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: VX036980.D

Acq: 15 Aug 2023 11:54

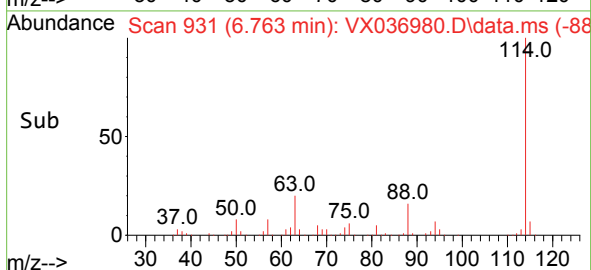
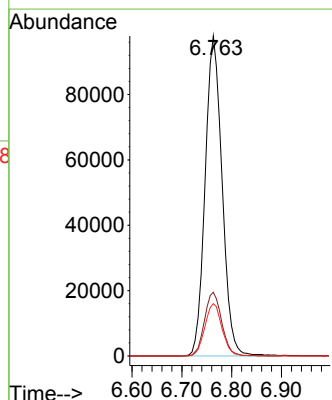
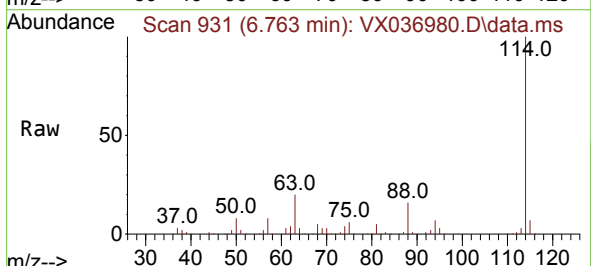
Tgt Ion: 114 Resp: 231525

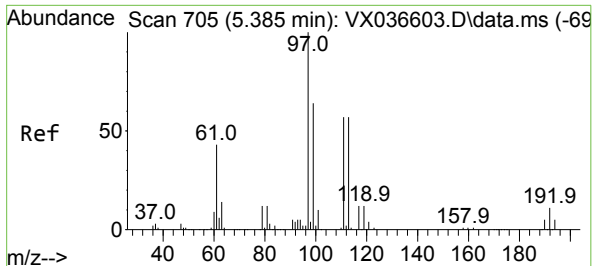
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

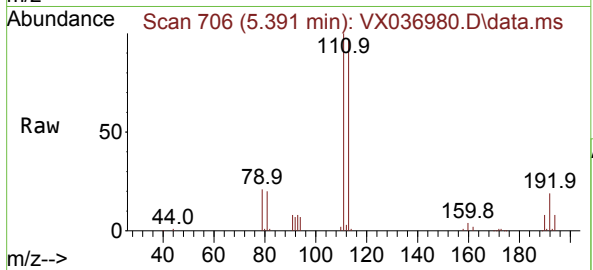
88 16.4 0.0 36.6



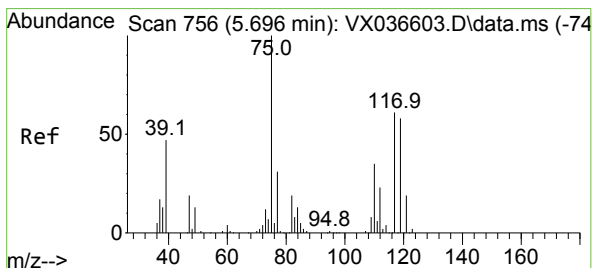
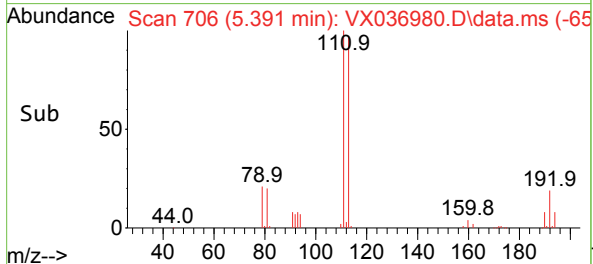
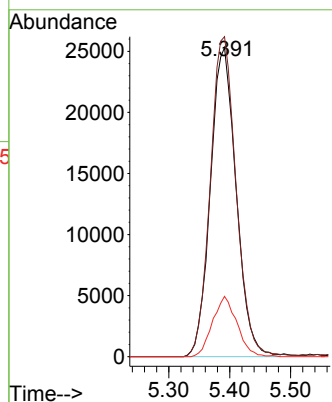


#35
Dibromofluoromethane
Concen: 46.724 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :

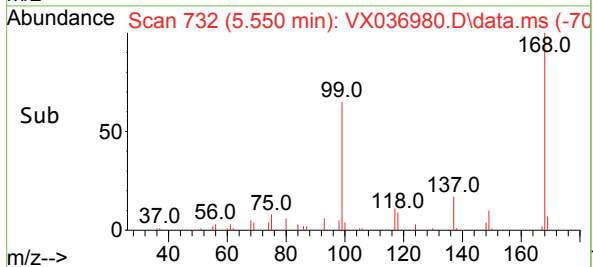
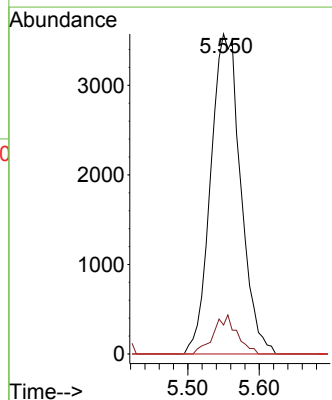
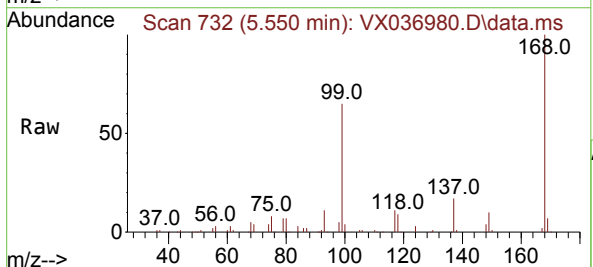


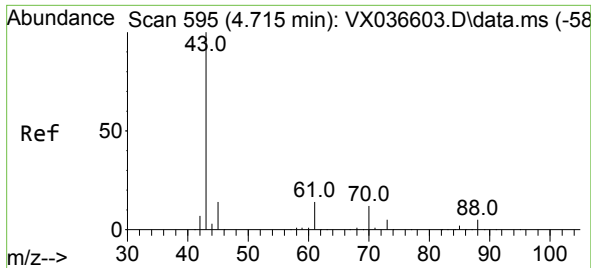
Tgt Ion:113 Resp: 74356
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.379 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 75 Resp: 10387
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.260 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

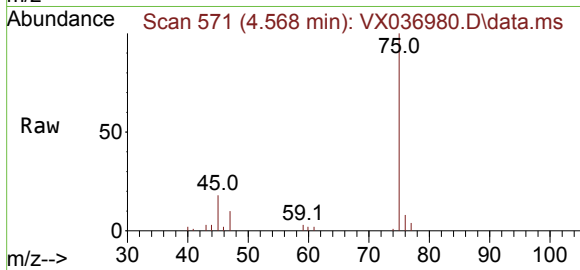
Lab File: VX036980.D

Acq: 15 Aug 2023 11:54

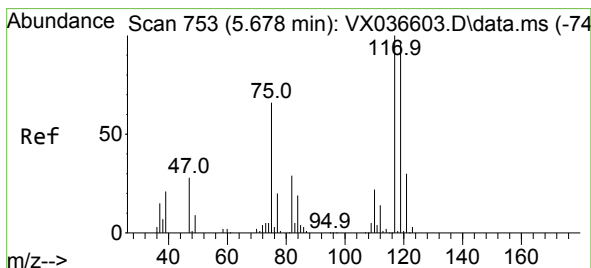
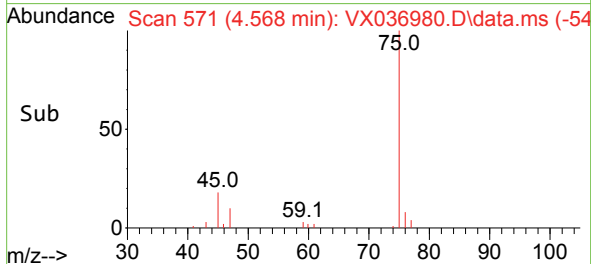
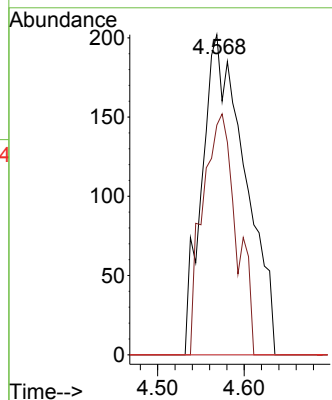
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 698
Ion Ratio	Lower Upper
43	100
61	58.7 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.409 ug/l

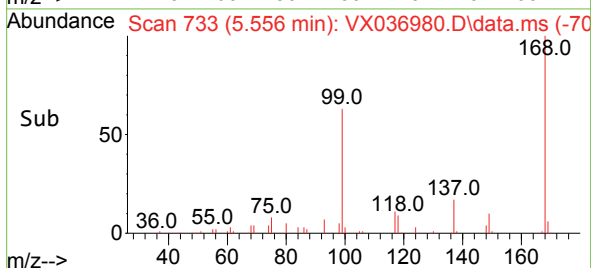
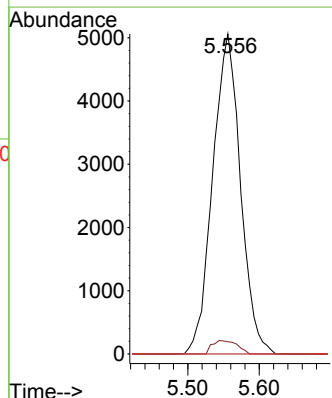
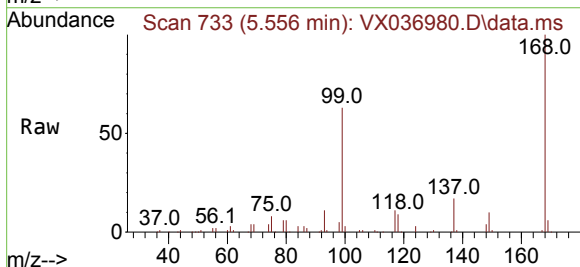
RT: 5.556 min Scan# 733

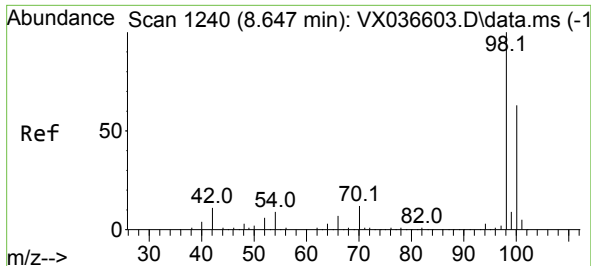
Delta R.T. -0.122 min

Lab File: VX036980.D

Acq: 15 Aug 2023 11:54

Tgt Ion: 117	Resp: 13641
Ion Ratio	Lower Upper
117	100
119	3.8 78.2 117.2#
121	0.0 24.4 36.6#

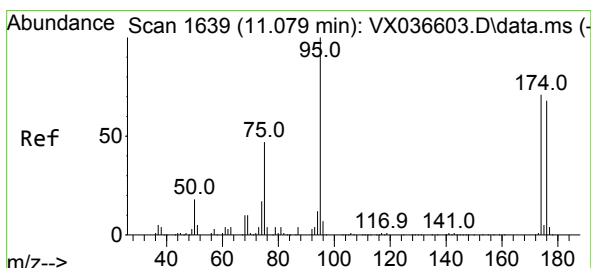
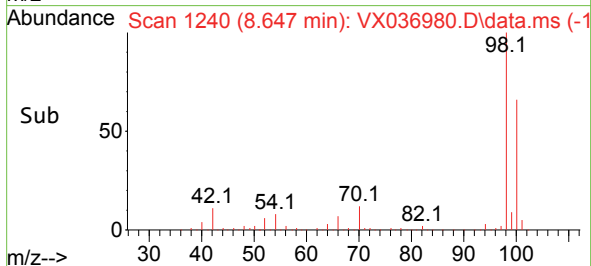
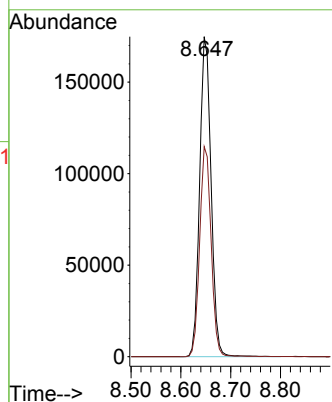
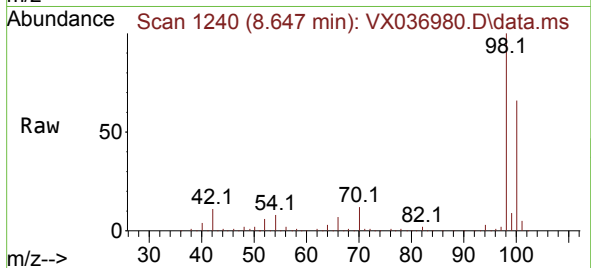




#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

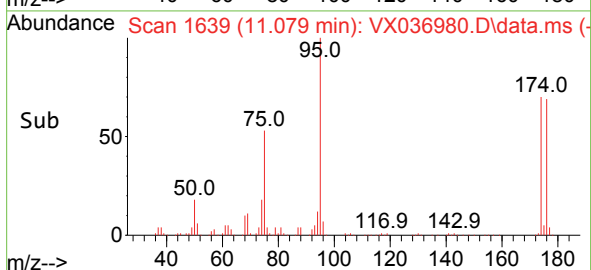
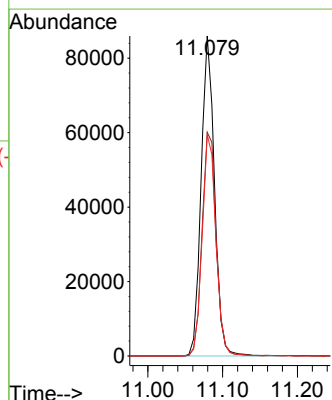
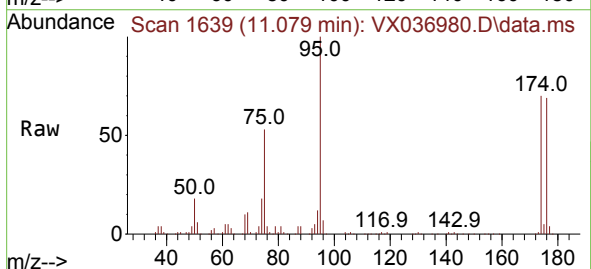
Instrument :
MSVOA_X
ClientSampleId :

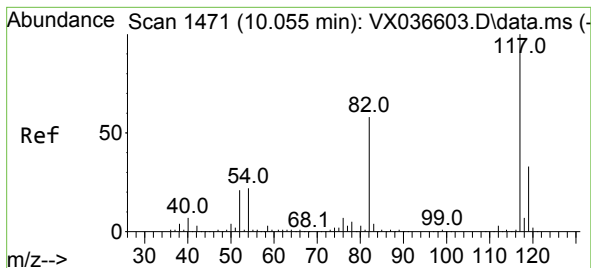
Tgt Ion: 98 Resp: 277398
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

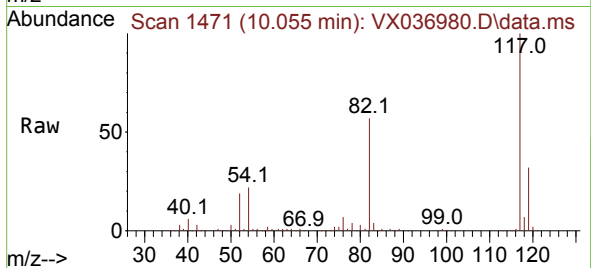
Tgt Ion: 95 Resp: 106530
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.0 0.0 131.0



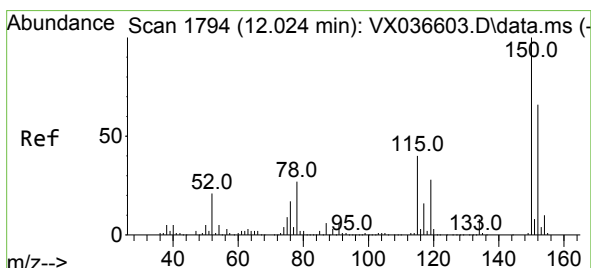
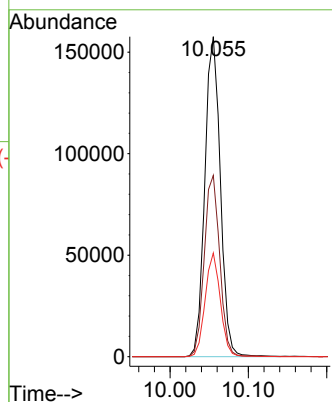
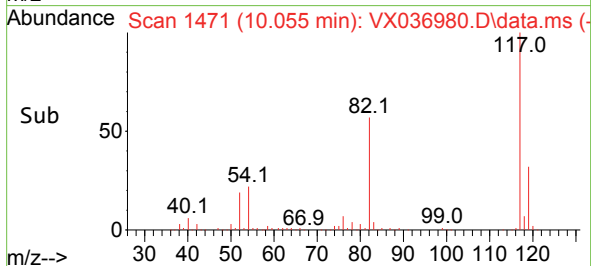


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

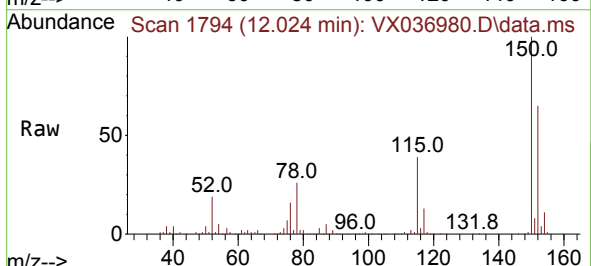
Instrument :
MSVOA_X
ClientSampleId :



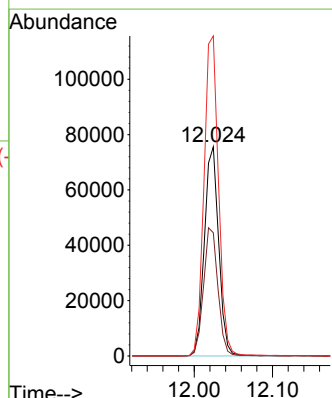
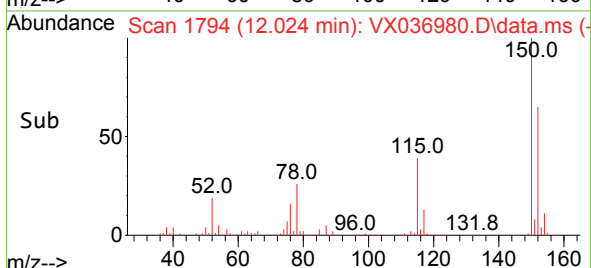
Tgt Ion:117 Resp: 216684
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.4 25.5 38.3

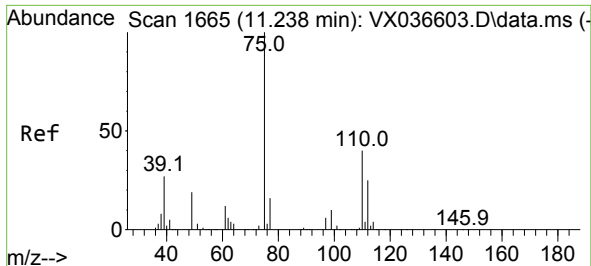


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54



Tgt Ion:152 Resp: 95680
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 155.7 0.0 345.0

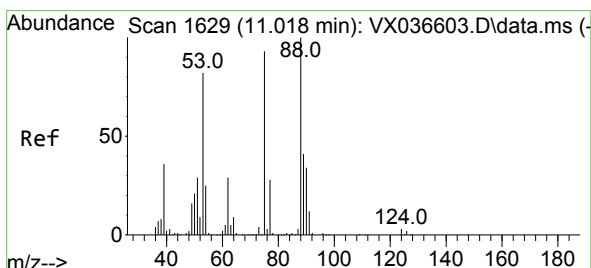
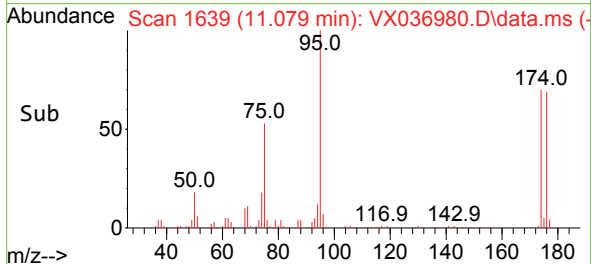
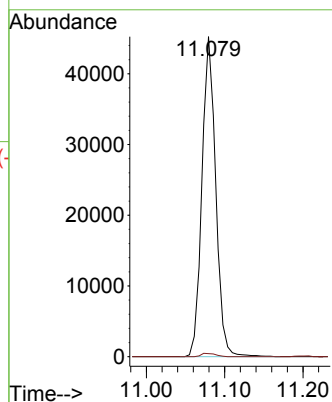
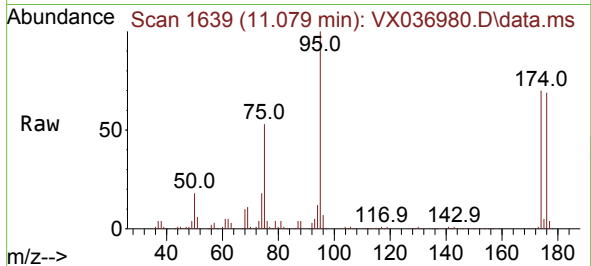




#76
1,2,3-Trichloropropane
Concen: 24.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

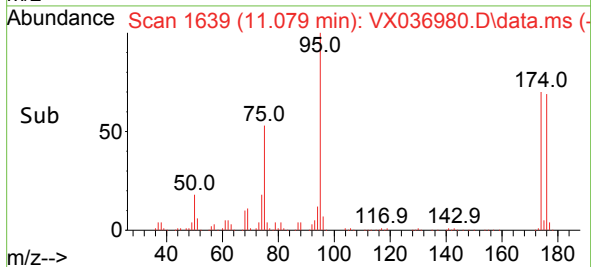
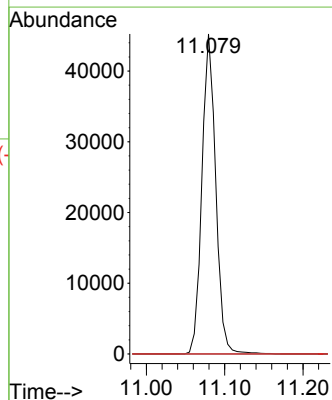
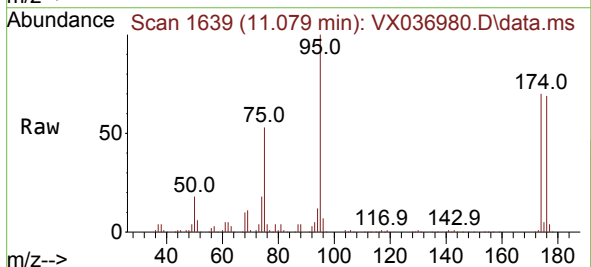
Instrument :
MSVOA_X
ClientSampleId :

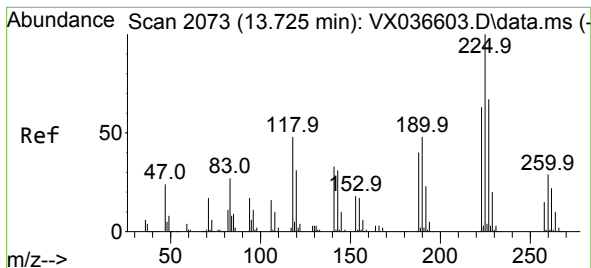
Tgt Ion: 75 Resp: 55286
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.681 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036980.D
Acq: 15 Aug 2023 11:54

Tgt Ion: 75 Resp: 55286
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.829 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036980.D

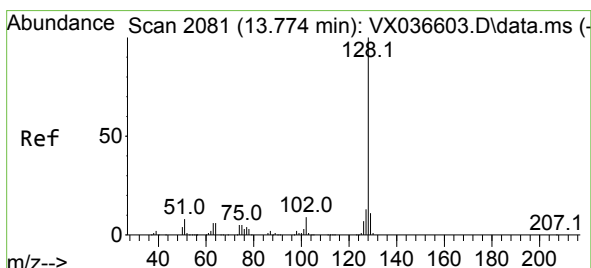
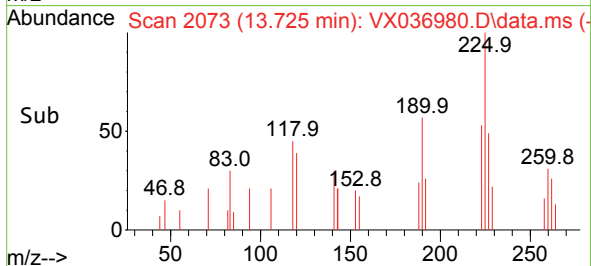
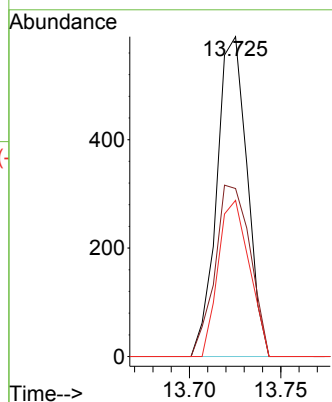
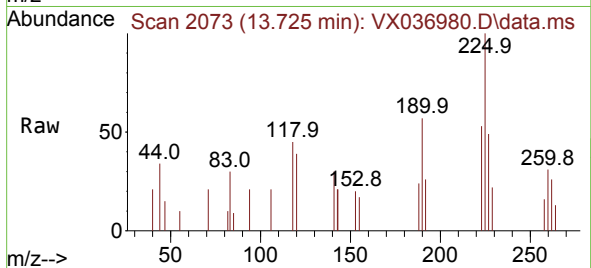
Acq: 15 Aug 2023 11:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	681
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.1 93.2
227	50.2	32.5 97.5



#95

Naphthalene

Concen: 0.448 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036980.D

Acq: 15 Aug 2023 11:54

Tgt Ion:128	Resp:	3103
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.3 15.5
129	8.7	8.8 13.2

