

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036979.D
 Acq On : 15 Aug 2023 11:30
 Operator : JC/MD
 Sample : VX0815MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 16:52:55 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)

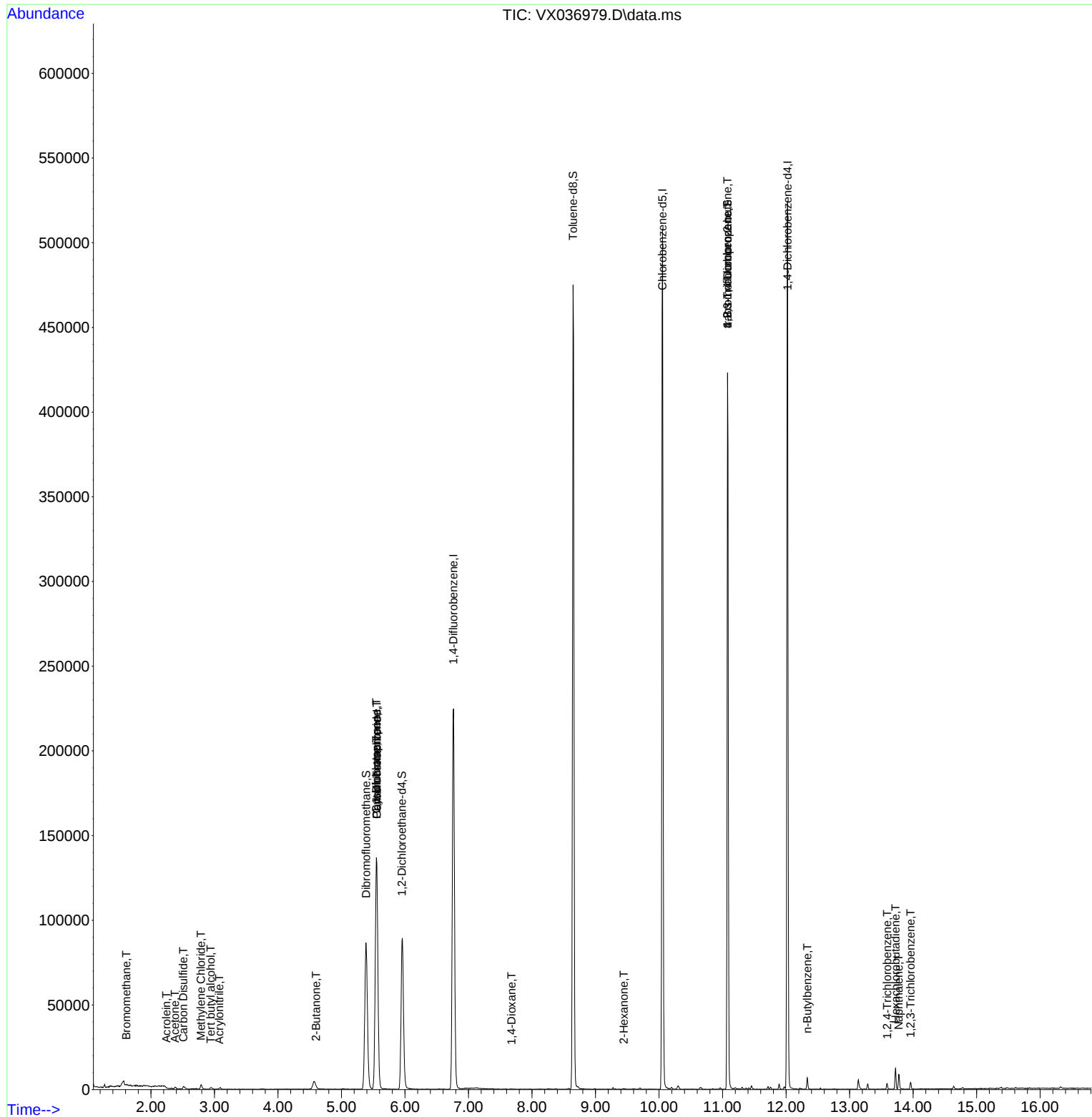
Internal Standards						
1) Pentafluorobenzene	5.556	168	127561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89461	47.398	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.385	113	75934	47.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	8.646	98	284227	49.794	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.580%		
62) 4-Bromofluorobenzene	11.079	95	115521	53.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.280%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	276	0.296	ug/l	86
11) Tert butyl alcohol	2.940	59	665	1.488	ug/l #	78
13) Acrolein	2.239	56	225	0.882	ug/l #	9
15) Acrylonitrile	3.074	53	328	0.365	ug/l #	71
16) Acetone	2.379	43	1237	1.579	ug/l	92
17) Carbon Disulfide	2.507	76	1806	0.458	ug/l	97
20) Methylene Chloride	2.788	84	1423	0.817	ug/l #	92
25) 2-Butanone	4.598	43	557	0.438	ug/l #	51
31) Cyclohexane	5.549	56	2939	1.125	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	10395	4.333	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13679	5.363	ug/l #	14
49) 1,4-Dioxane	7.677	88	44	1.002	ug/l #	12
59) 2-Hexanone	9.445	43	471	0.245	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	60518	23.427	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60518	53.100	ug/l #	5
89) n-Butylbenzene	12.335	91	2517	0.367	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1001	0.439	ug/l	98
94) Hexachlorobutadiene	13.725	225	1726	1.830	ug/l	95
95) Naphthalene	13.774	128	6378	0.803	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1228	0.547	ug/l	93

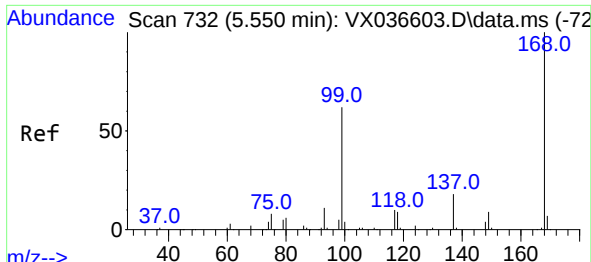
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 15 16:52:55 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: VX036979.D

Acq: 15 Aug 2023 11:30

Instrument :

MSVOA_X

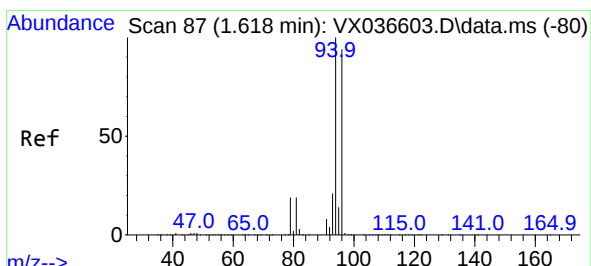
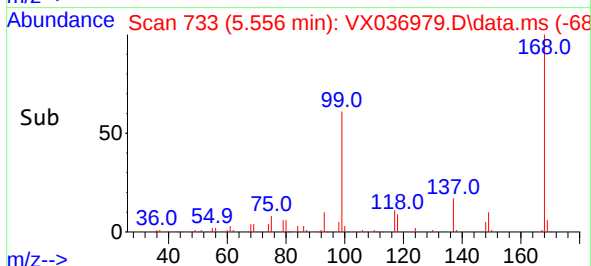
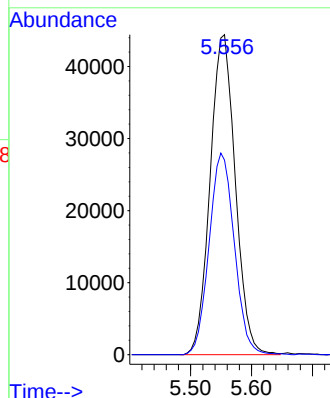
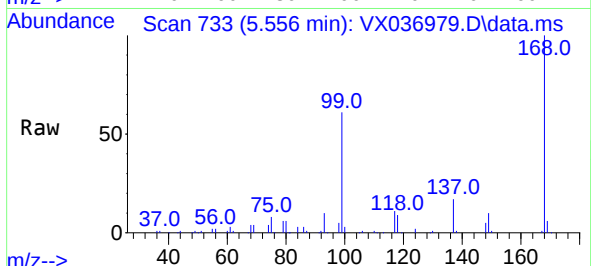
ClientSampleId :

Tgt Ion:168 Resp: 127561

Ion Ratio Lower Upper

168 100

99 60.8 56.6 85.0



#5

Bromomethane

Concen: 0.296 ug/l

RT: 1.611 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX036979.D

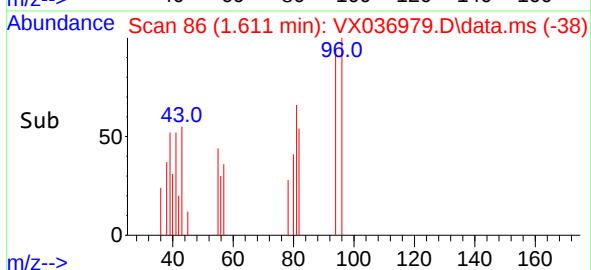
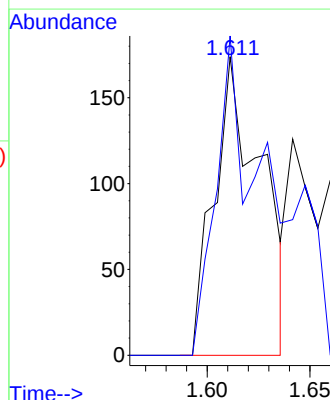
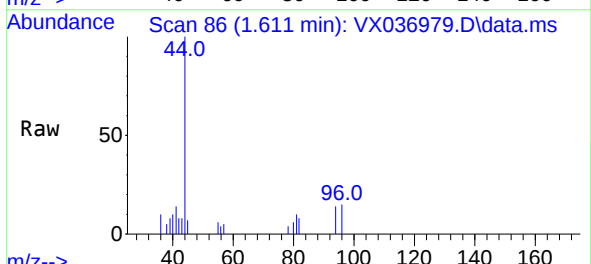
Acq: 15 Aug 2023 11:30

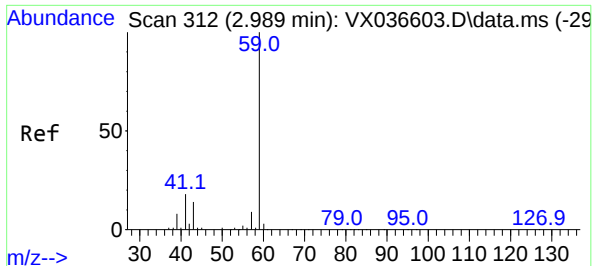
Tgt Ion: 94 Resp: 276

Ion Ratio Lower Upper

94 100

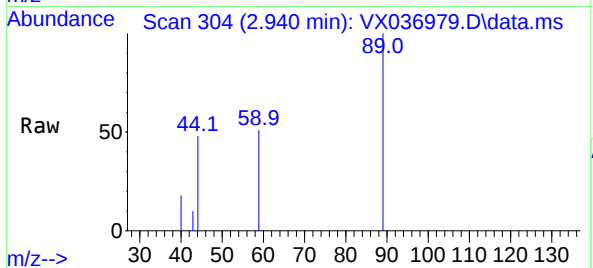
96 106.9 74.6 111.8



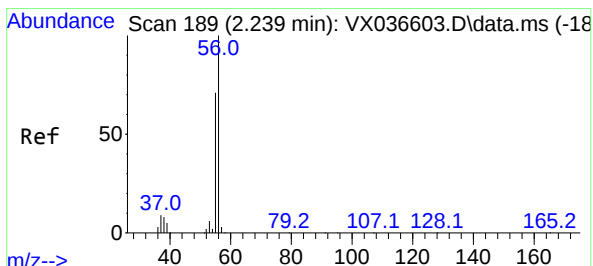
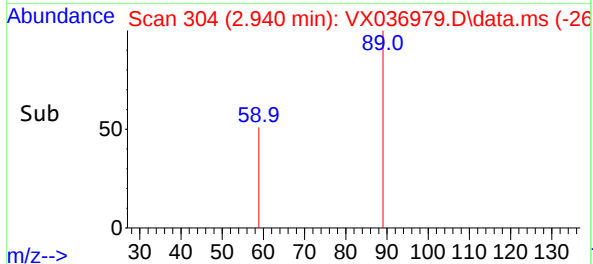
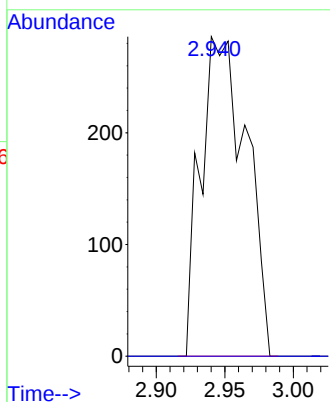


#11
Tert butyl alcohol
Concen: 1.488 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

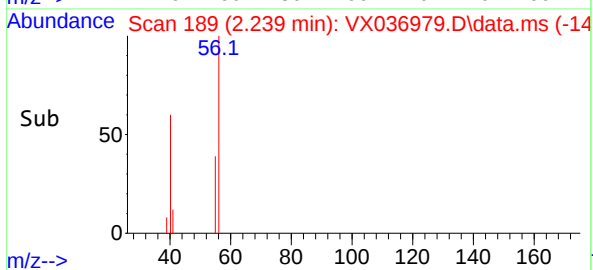
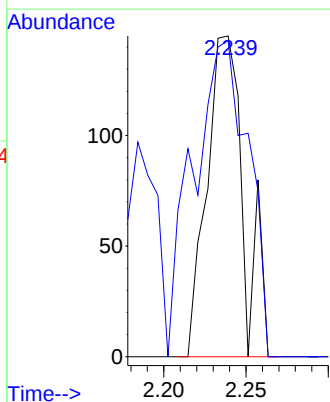
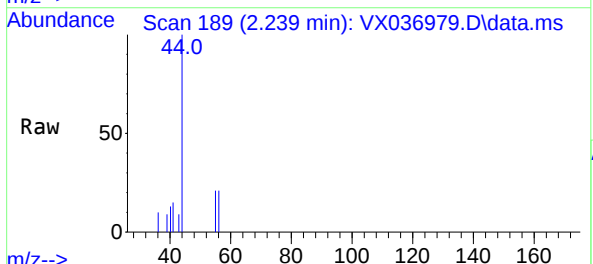


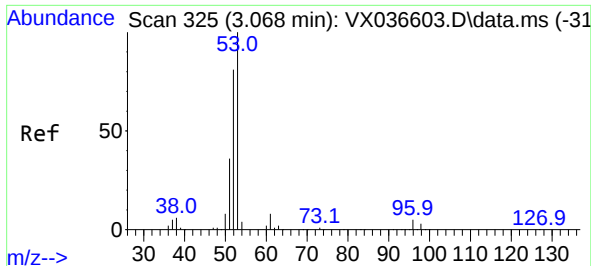
Tgt Ion: 59 Resp: 665
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.882 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

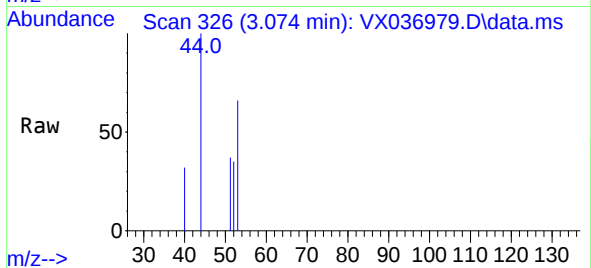
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 147.1 57.1 85.7#



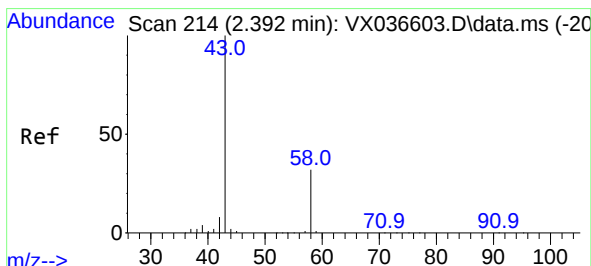
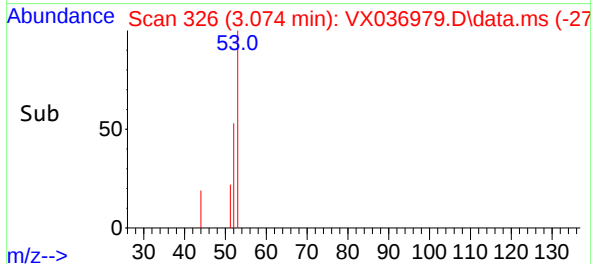
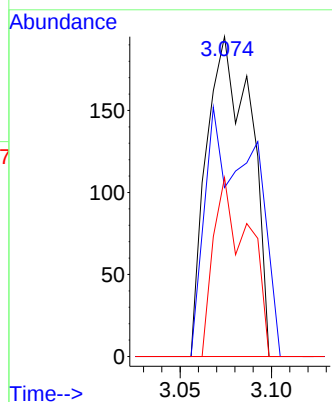


#15
Acrylonitrile
Concen: 0.365 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

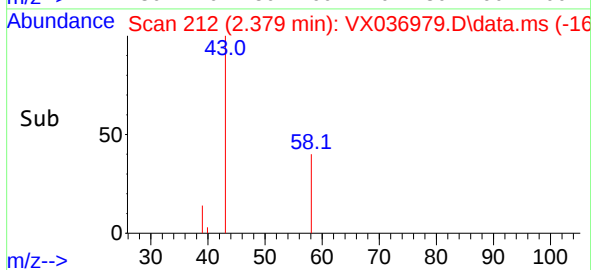
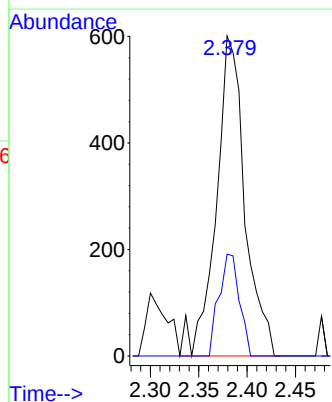
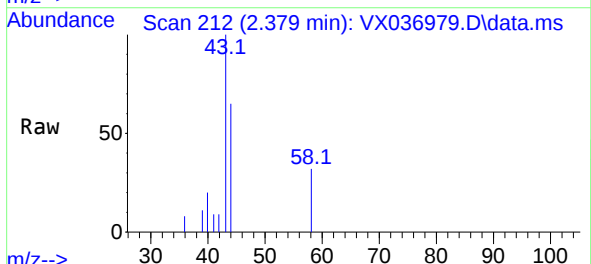


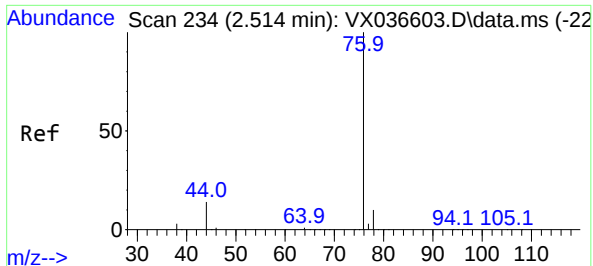
Tgt Ion: 53 Resp: 328
Ion Ratio Lower Upper
53 100
52 49.4 66.0 99.0#
51 44.2 29.8 44.6



#16
Acetone
Concen: 1.579 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

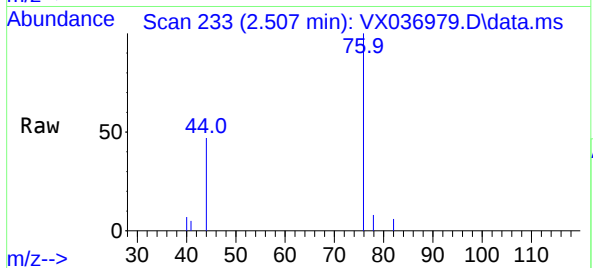
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



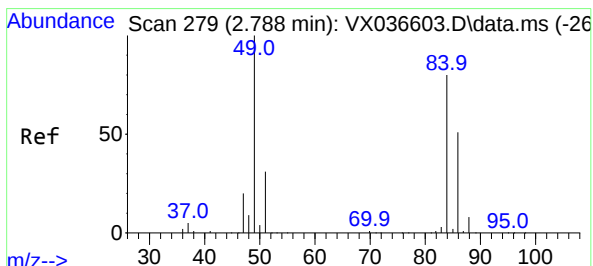
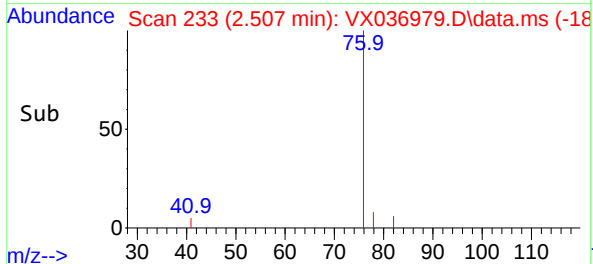
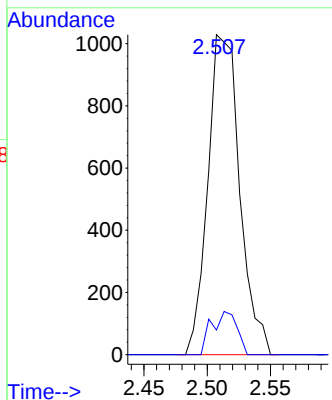


#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

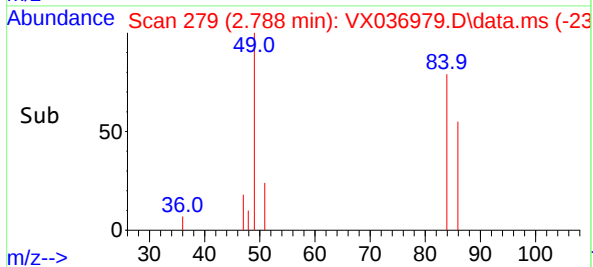
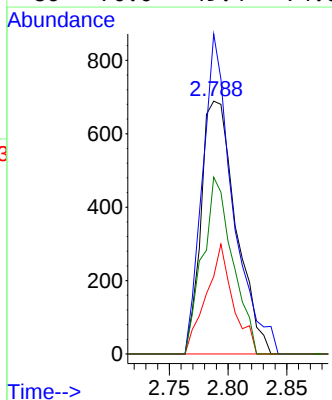
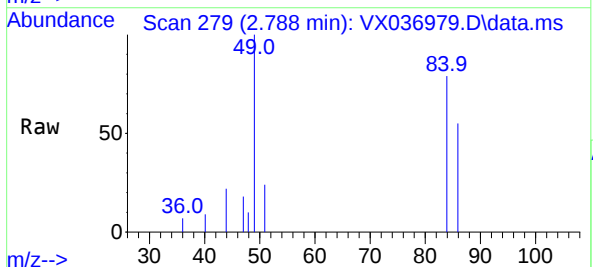


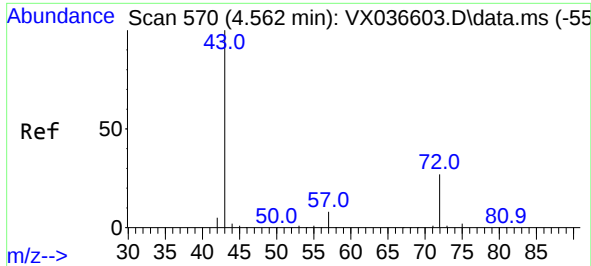
Tgt Ion: 76 Resp: 1806
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6



#20
Methylene Chloride
Concen: 0.817 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Tgt Ion: 84 Resp: 1423
Ion Ratio Lower Upper
84 100
49 126.6 103.6 155.4
51 30.6 33.8 50.6#
86 70.0 49.4 74.0





#25

2-Butanone

Concen: 0.438 ug/l

RT: 4.598 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX036979.D

Acq: 15 Aug 2023 11:30

Instrument :

MSVOA_X

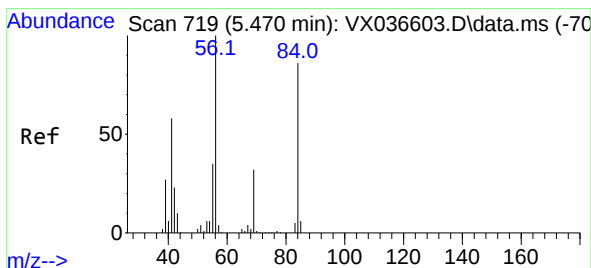
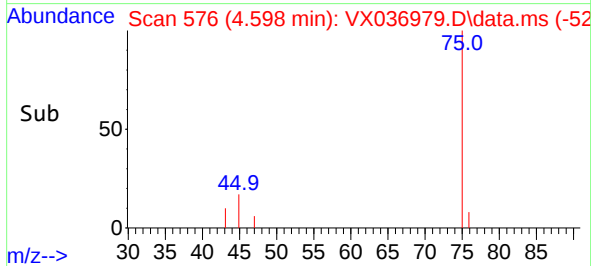
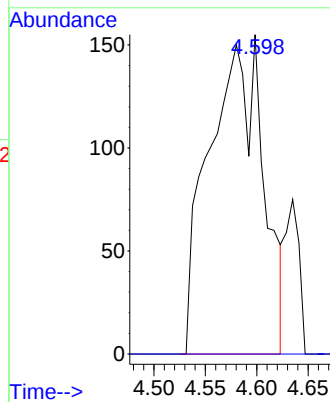
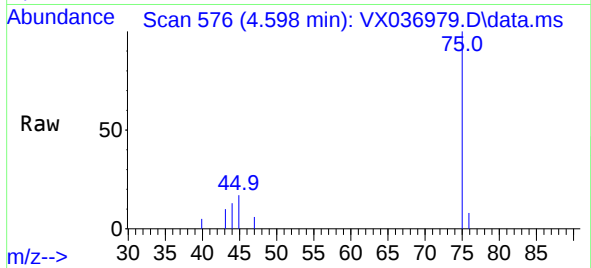
ClientSampleId :

Tgt Ion: 43 Resp: 557

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036979.D

Acq: 15 Aug 2023 11:30

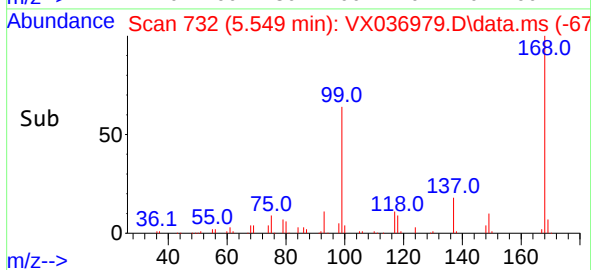
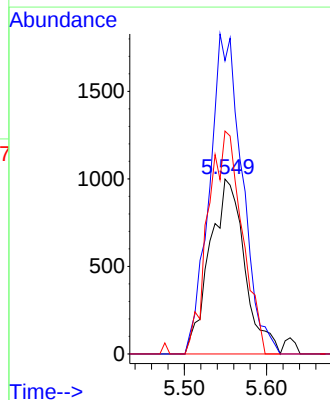
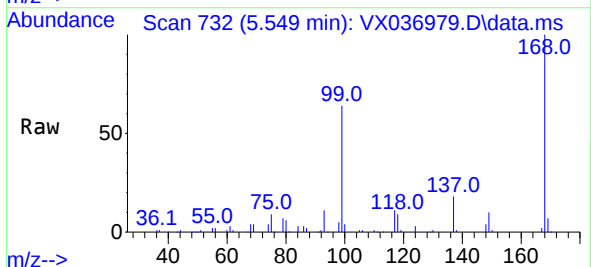
Tgt Ion: 56 Resp: 2939

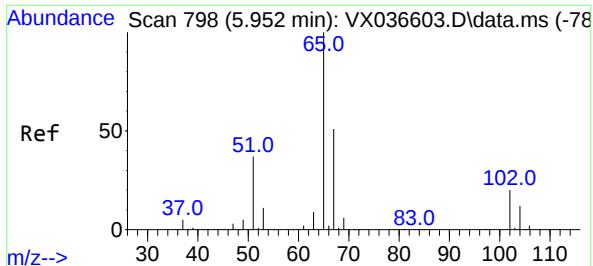
Ion Ratio Lower Upper

56 100

69 167.7 23.4 35.2#

84 127.4 65.9 98.9#

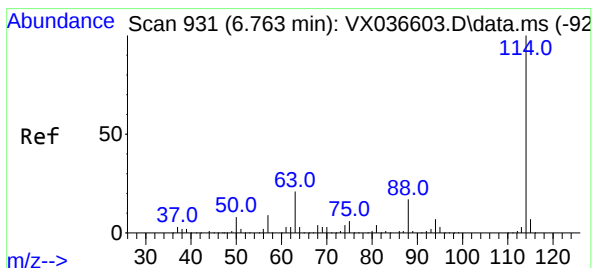
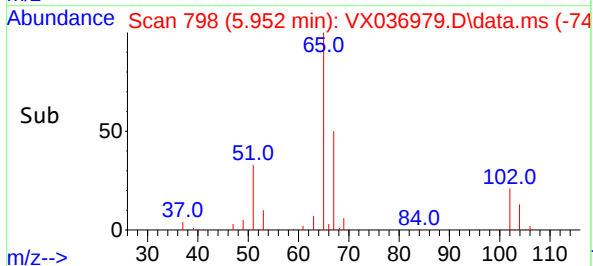
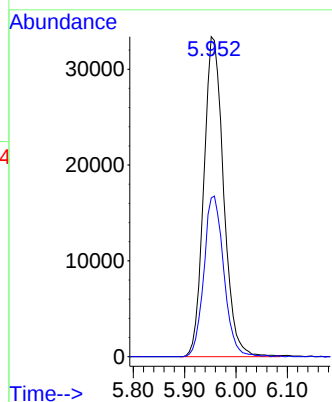
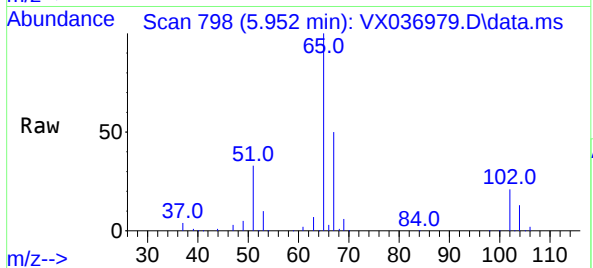




#33
1,2-Dichloroethane-d4
Concen: 47.398 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

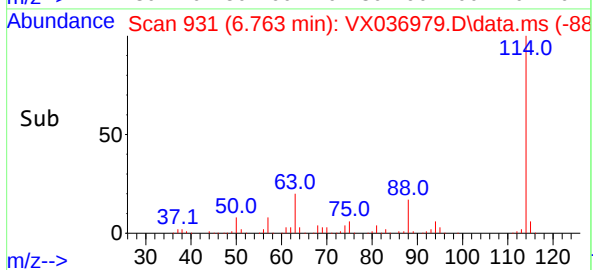
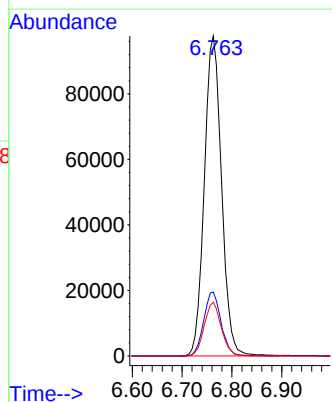
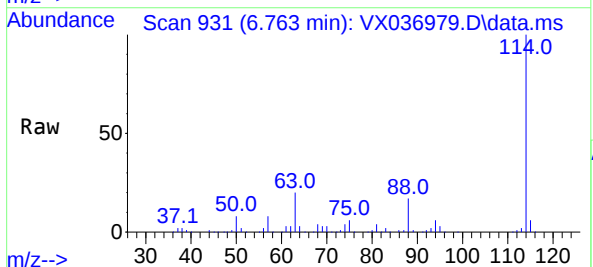
Instrument :
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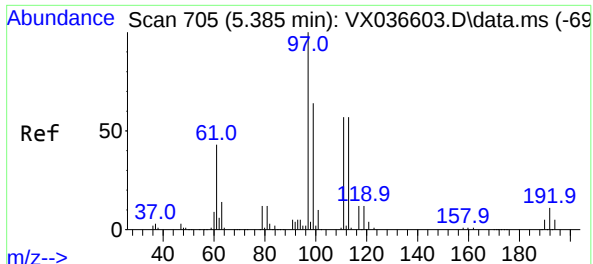
Tgt Ion: 65 Resp: 89461
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

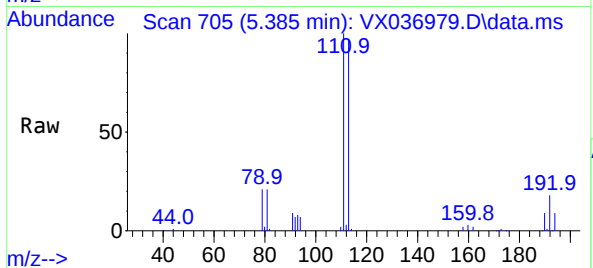
Tgt Ion: 114 Resp: 234181
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.8 0.0 36.6





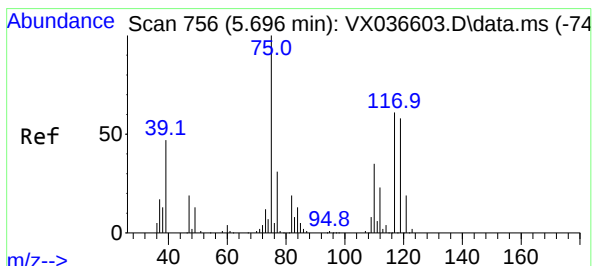
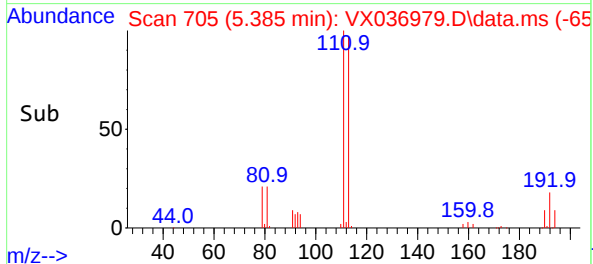
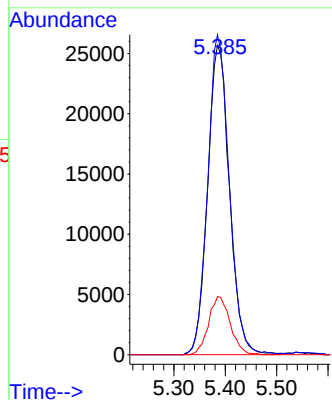
#35
Dibromofluoromethane
Concen: 47.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 113 Resp: 75934

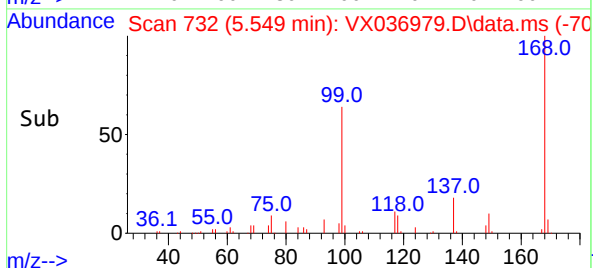
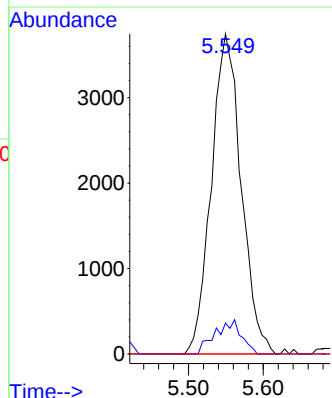
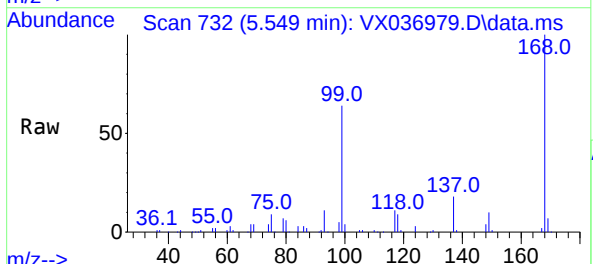
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	18.5	13.3	19.9

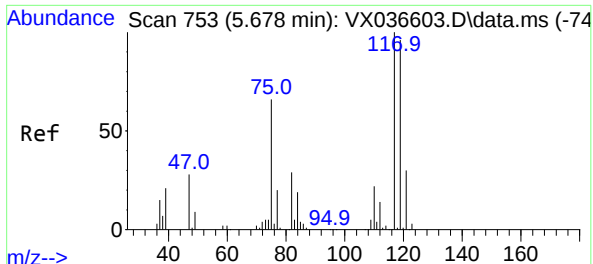


#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Tgt Ion: 75 Resp: 10395

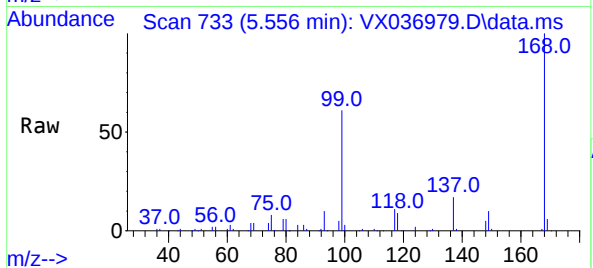
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.0	50.9#
77	0.0	24.7	37.1#



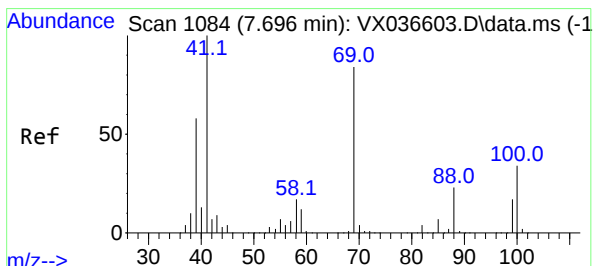
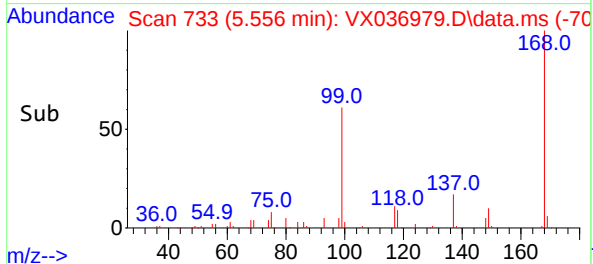
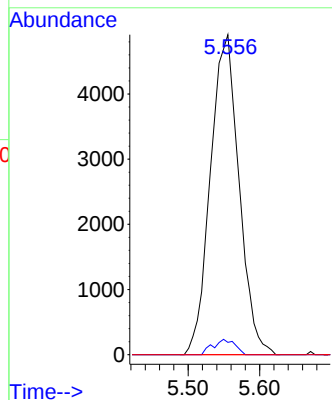


#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

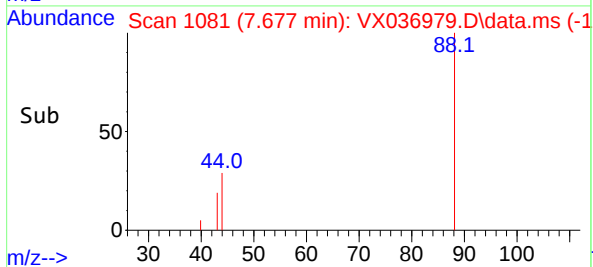
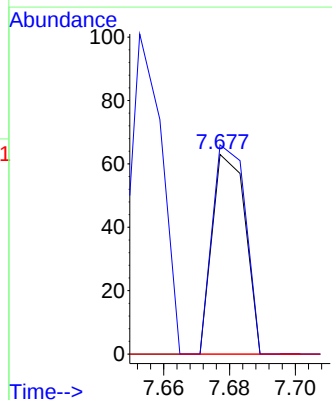
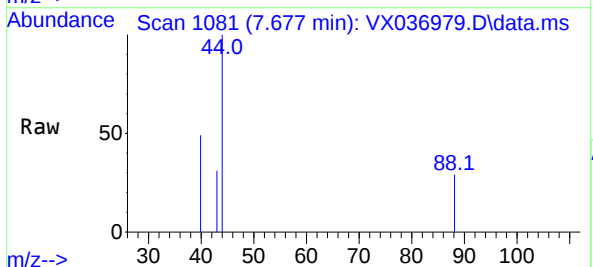


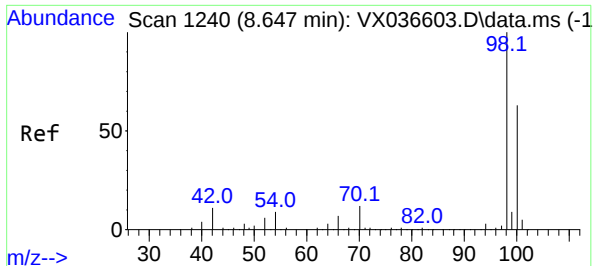
Tgt Ion:117 Resp: 13679
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.002 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.019 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 104.5 0.0 0.0#
58 0.0 60.1 90.1#





#50

Toluene-d8

Concen: 49.794 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036979.D

Acq: 15 Aug 2023 11:30

Instrument :

MSVOA_X

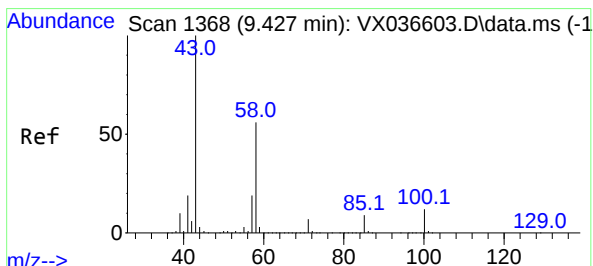
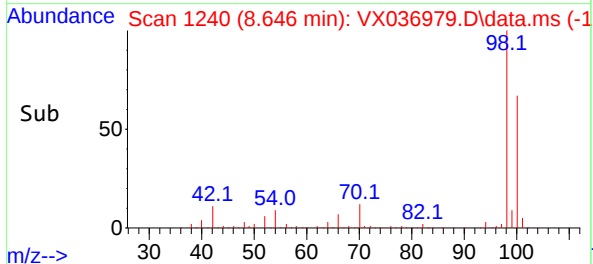
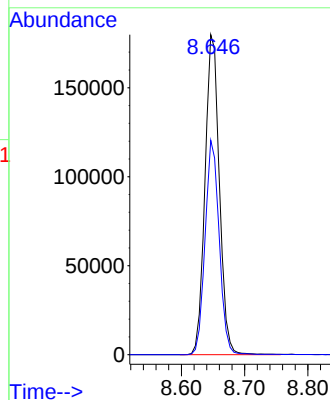
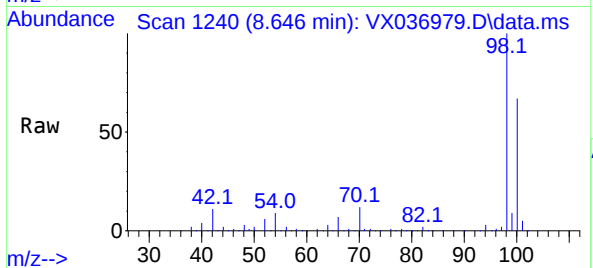
ClientSampleId :

Tgt Ion: 98 Resp: 284227

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#59

2-Hexanone

Concen: 0.245 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX036979.D

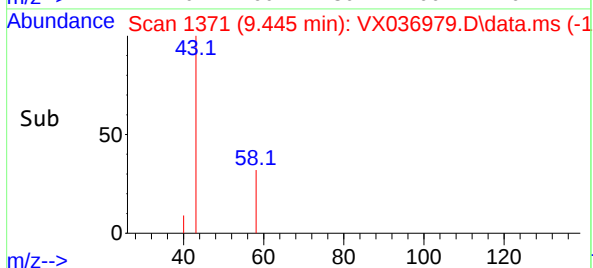
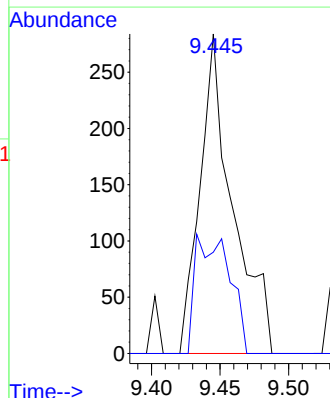
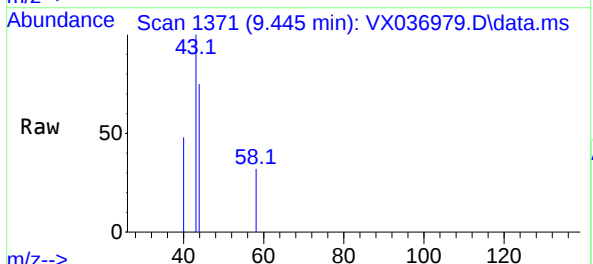
Acq: 15 Aug 2023 11:30

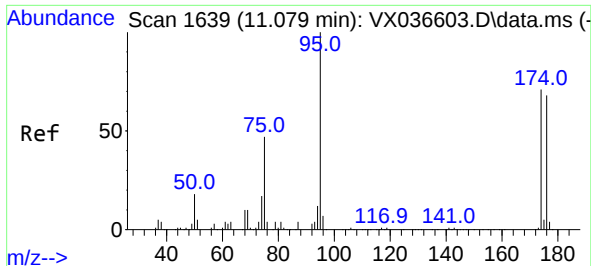
Tgt Ion: 43 Resp: 471

Ion Ratio Lower Upper

43 100

58 39.1 26.2 78.5

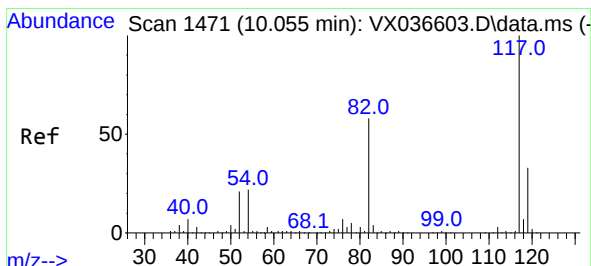
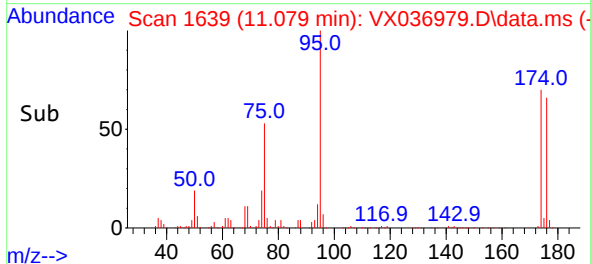
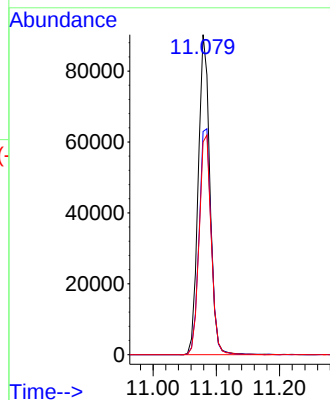
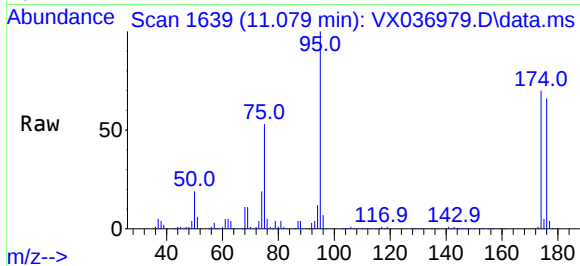




#62
4-Bromofluorobenzene
Concen: 53.642 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

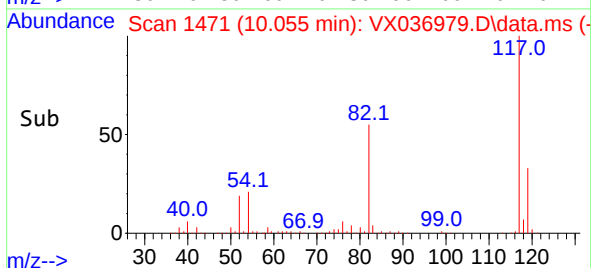
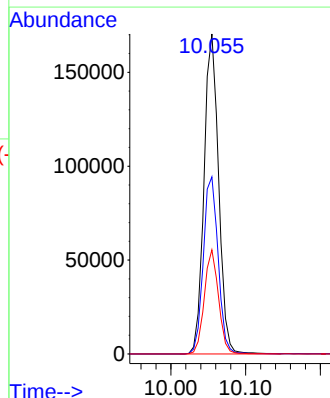
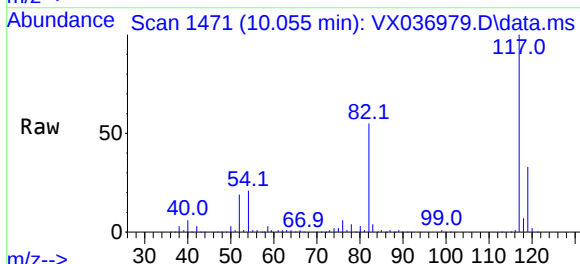
Instrument :
MSVOA_X
ClientSampleId :

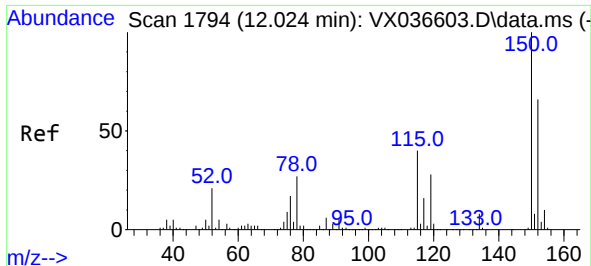
Tgt Ion: 95 Resp: 115521
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

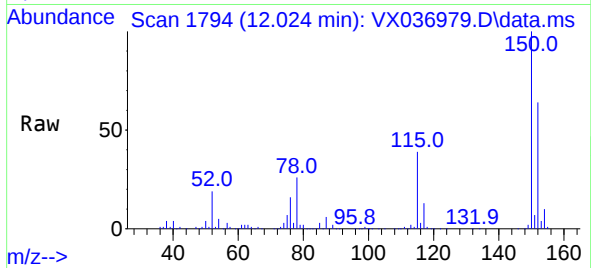
Tgt Ion: 117 Resp: 231260
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.6 25.5 38.3



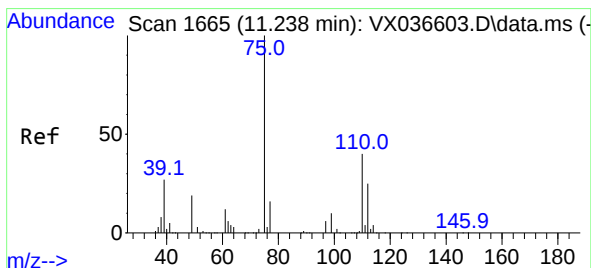
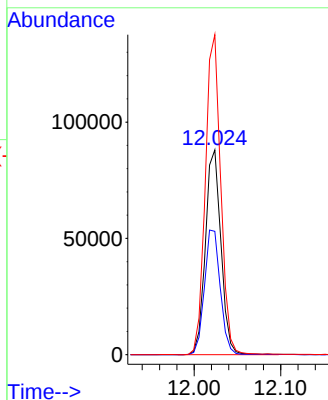
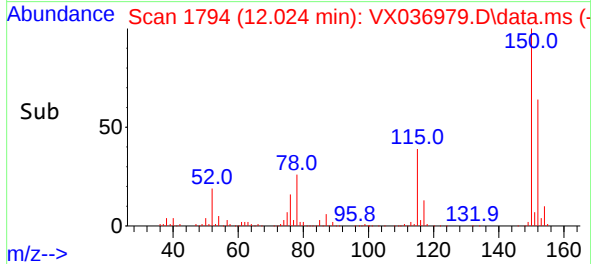


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

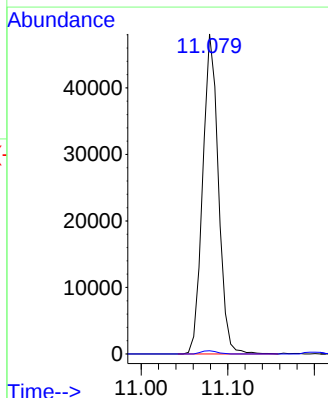
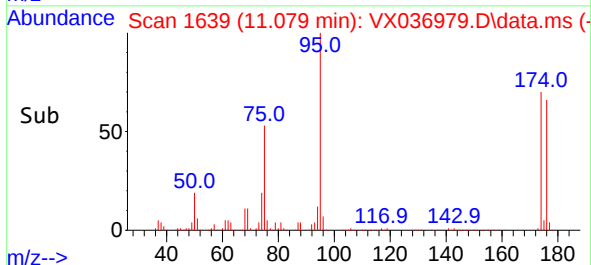
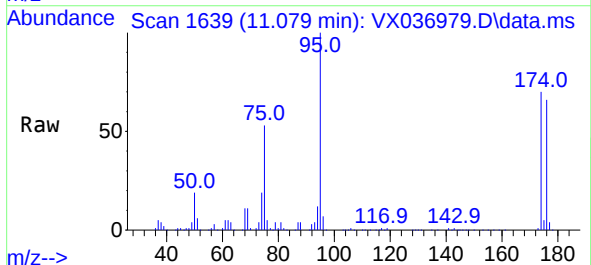


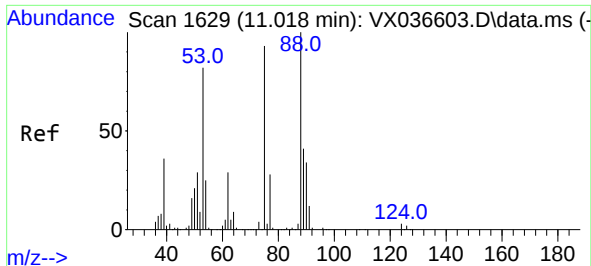
Tgt Ion:152 Resp: 109825
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

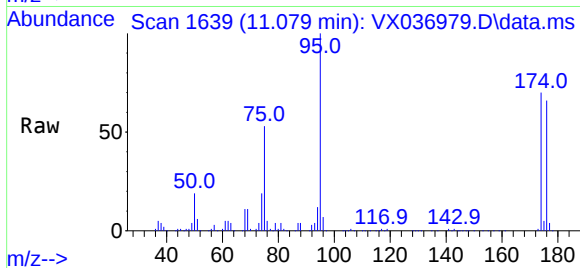
Tgt Ion: 75 Resp: 60518
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



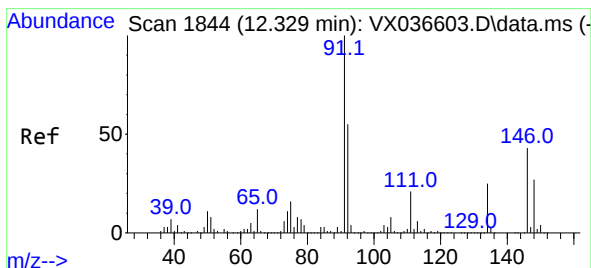
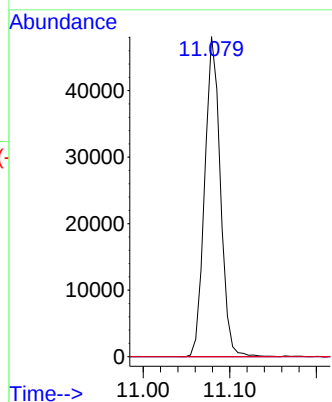
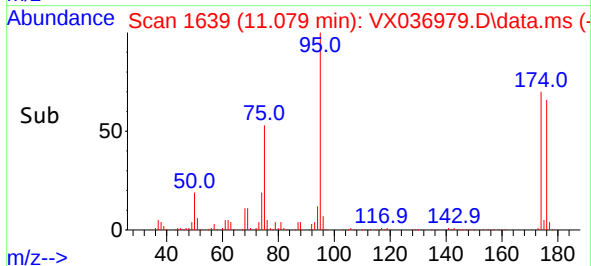


#81
trans-1,4-Dichloro-2-butene
Concen: 53.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :

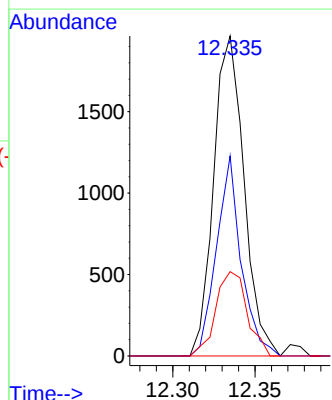
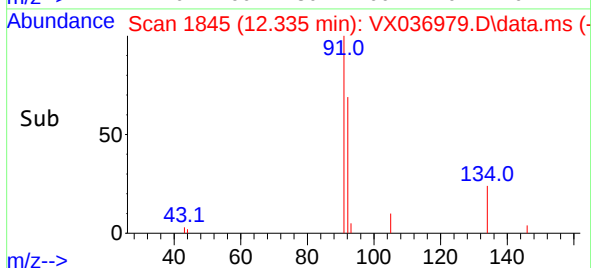
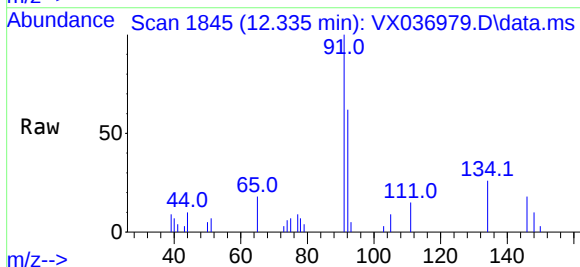


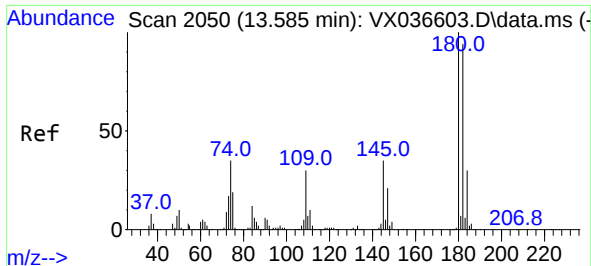
Tgt Ion: 75 Resp: 60518
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.367 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Tgt Ion: 91 Resp: 2517
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 27.3 12.6 37.8

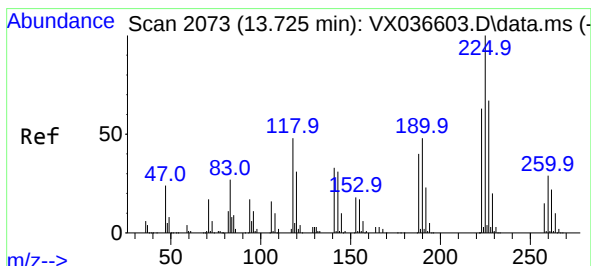
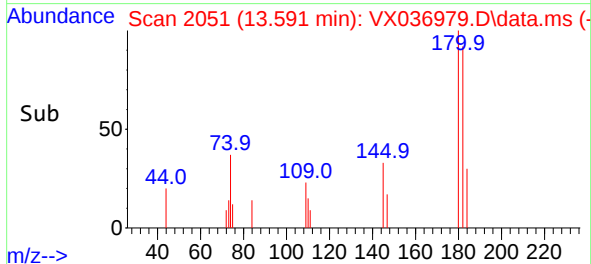
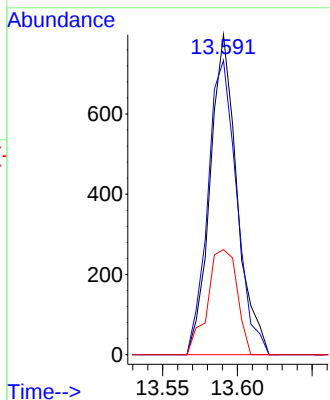
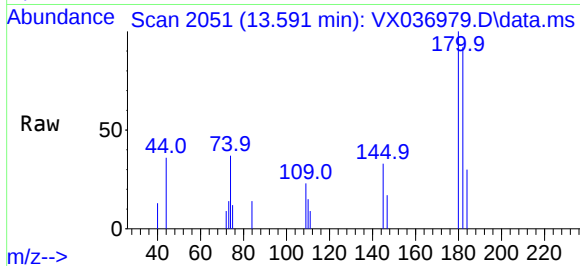




#93
1,2,4-Trichlorobenzene
Concen: 0.439 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

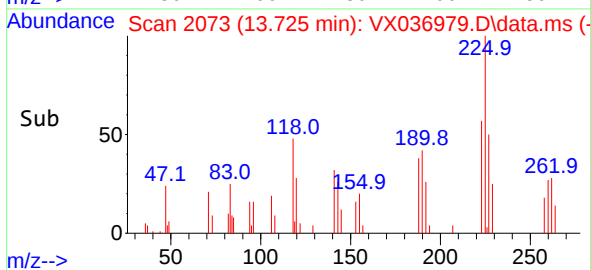
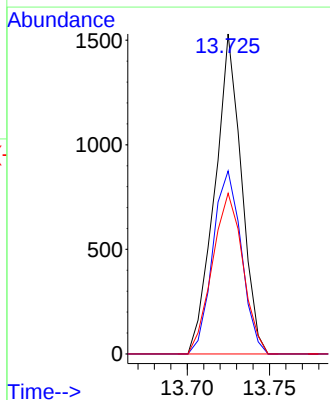
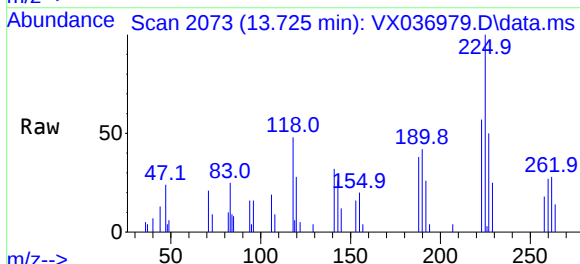
Instrument :
MSVOA_X
ClientSampleId :

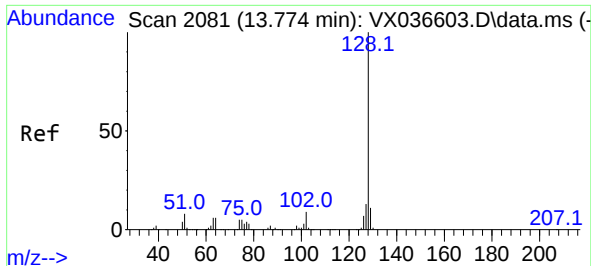
Tgt Ion:180 Resp: 1001
Ion Ratio Lower Upper
180 100
182 98.7 48.3 144.8
145 36.0 18.0 54.0



#94
Hexachlorobutadiene
Concen: 1.830 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

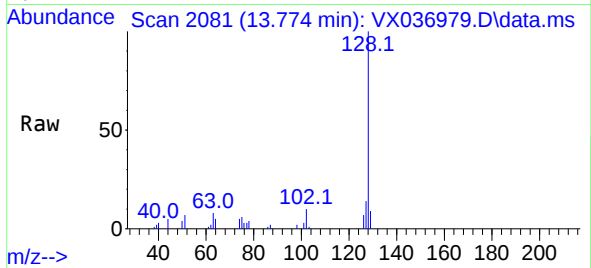
Tgt Ion:225 Resp: 1726
Ion Ratio Lower Upper
225 100
223 61.4 31.1 93.2
227 57.5 32.5 97.5



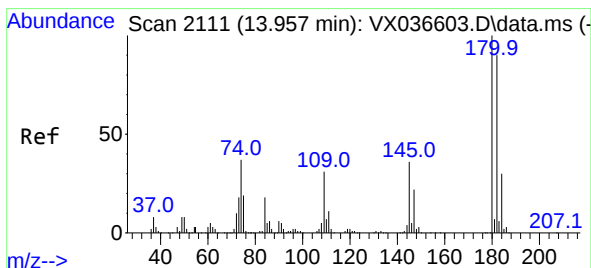
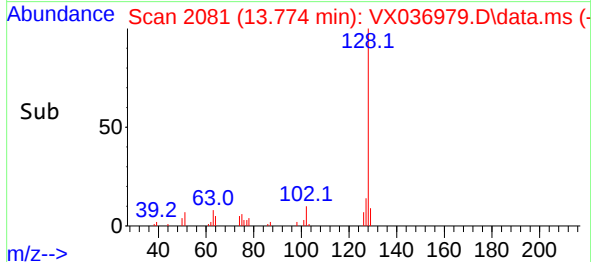
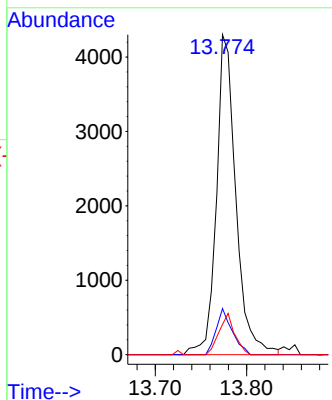


#95
Naphthalene
Concen: 0.803 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	6378
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	10.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.547 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036979.D
Acq: 15 Aug 2023 11:30

Tgt Ion:	180	Resp:	1228
Ion	Ratio	Lower	Upper
180	100		
182	87.1	46.9	140.6
145	30.5	17.8	53.5

