

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036776.D
 Acq On : 02 Aug 2023 17:29
 Operator : JC/MD
 Sample : 03775-04
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 03 07:30:10 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)

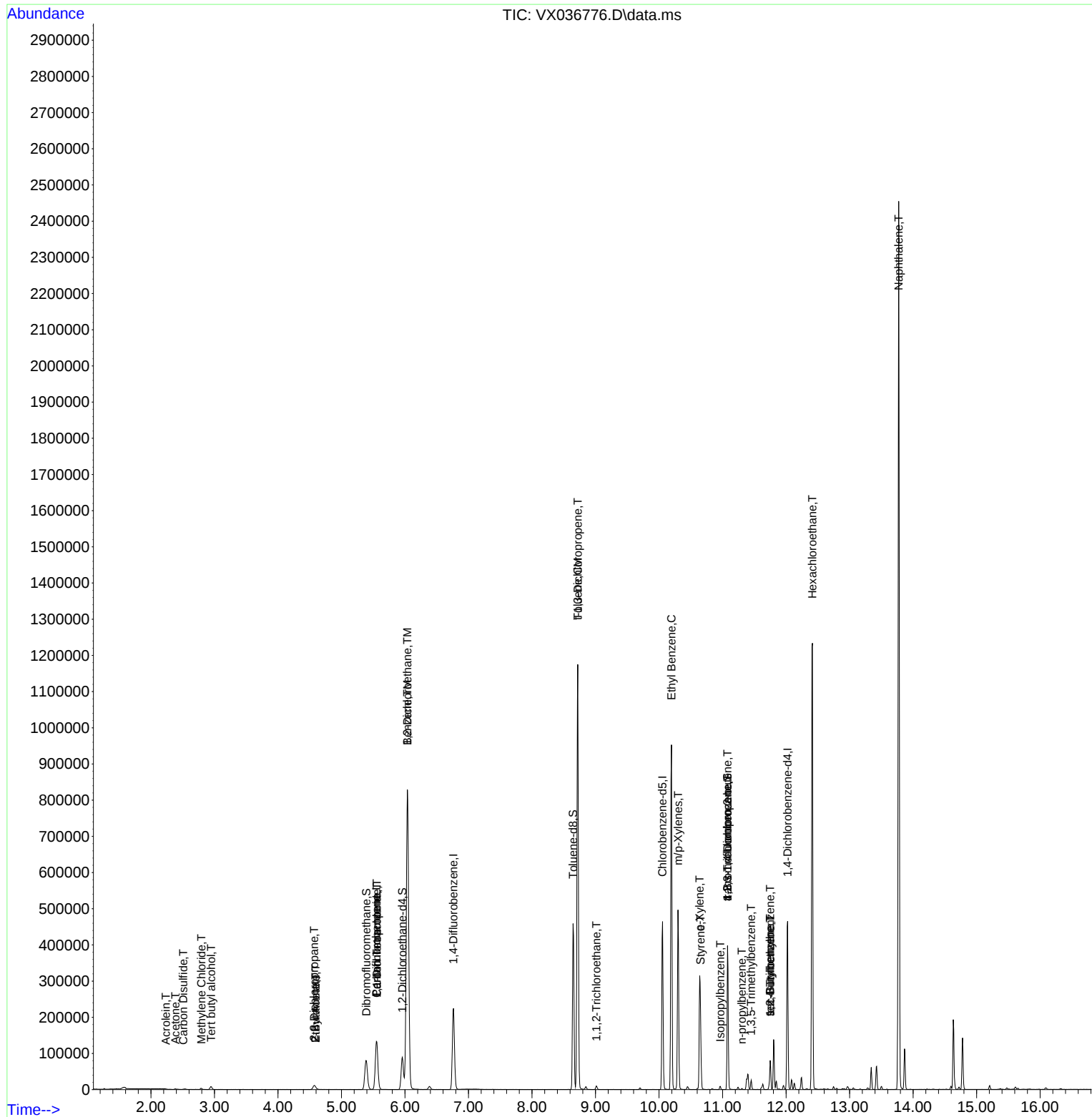
Internal Standards						
1) Pentafluorobenzene	5.550	168	126891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85192	45.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.740%		
35) Dibromofluoromethane	5.391	113	72331	45.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.647	98	275520	48.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	102976	48.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.040%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	4869	10.954	ug/l #	82
13) Acrolein	2.233	56	197	0.777	ug/l #	14
16) Acetone	2.386	43	1949	2.502	ug/l	92
17) Carbon Disulfide	2.508	76	1014	0.259	ug/l #	76
20) Methylene Chloride	2.794	84	1840	1.062	ug/l #	77
25) 2-Butanone	4.593	43	1146	0.907	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	891	0.317	ug/l #	54
36) 1,1-Dichloropropene	5.556	75	10256	4.338	ug/l #	48
37) Ethyl Acetate	4.593	43	1146	0.428	ug/l #	46
38) Carbon Tetrachloride	5.556	117	13320	5.300	ug/l #	15
40) Benzene	6.037	78	1008414	146.607	ug/l	99
42) 1,2-Dichloroethane	6.037	62	9208	3.661	ug/l #	77
52) Toluene	8.720	92	443357	102.869	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	5257	1.763	ug/l #	1
55) 1,1,2-Trichloroethane	9.013	97	6189	3.416	ug/l #	20
67) Ethyl Benzene	10.195	91	550320	65.443	ug/l	99
68) m/p-Xylenes	10.299	106	112343	35.806	ug/l	99
69) o-Xylene	10.640	106	61193	19.539	ug/l	100
70) Styrene	10.653	104	49214	9.524	ug/l	89
73) Isopropylbenzene	10.963	105	4810	0.610	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	53255	23.744	ug/l #	39
78) n-propylbenzene	11.305	91	1959	0.215	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	10936	1.657	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	53255	53.818	ug/l #	5
83) tert-Butylbenzene	11.750	119	4359	0.672	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.750	105	34075	5.161	ug/l	97
85) sec-Butylbenzene	11.750	105	34075	4.213	ug/l #	57
90) Hexachloroethane	12.414	117	47894	35.498	ug/l #	17
95) Naphthalene	13.774	128	1444220	209.425	ug/l	99

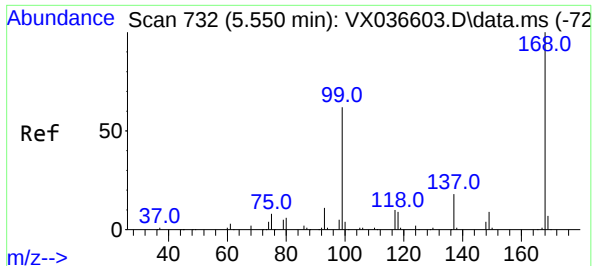
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
Data File : VX036776.D
Acq On : 02 Aug 2023 17:29
Operator : JC/MD
Sample : 03775-04
Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

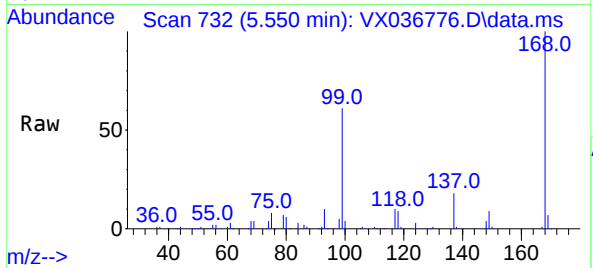
Quant Time: Aug 03 07:30:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



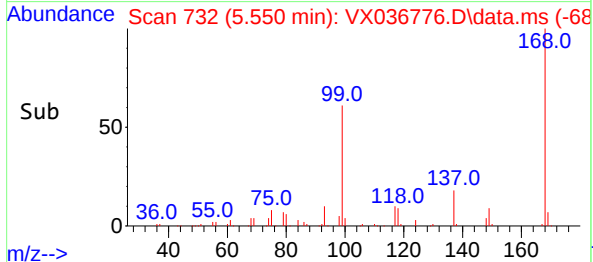
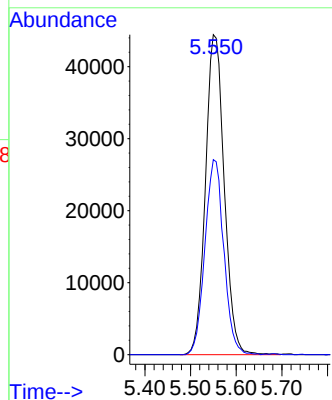


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :

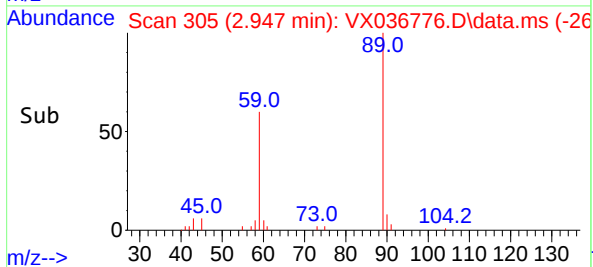
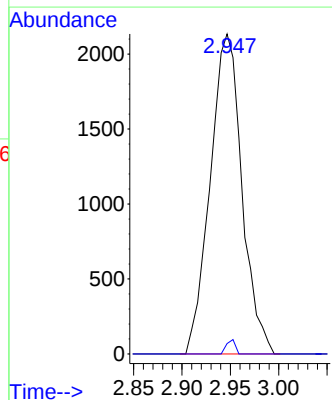
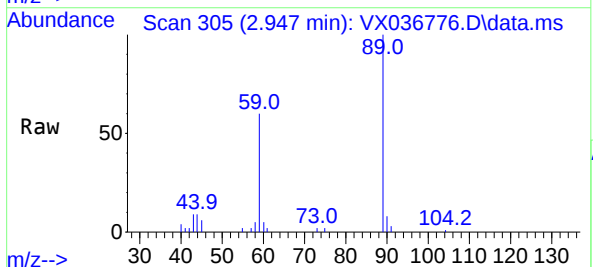


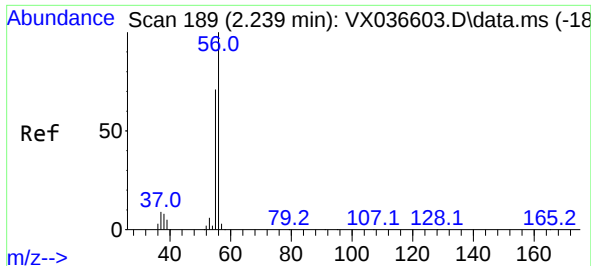
Tgt Ion:168 Resp: 126891
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.954 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

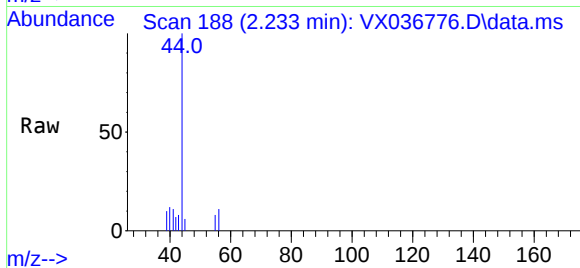
Tgt Ion: 59 Resp: 4869
Ion Ratio Lower Upper
59 100
57 1.2 6.0 9.0#



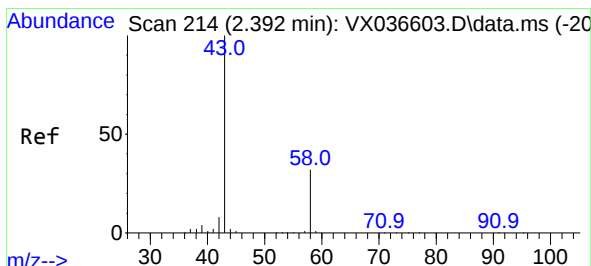
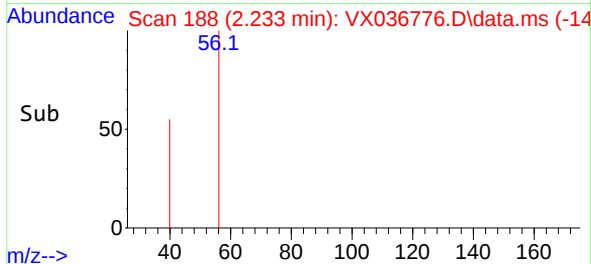
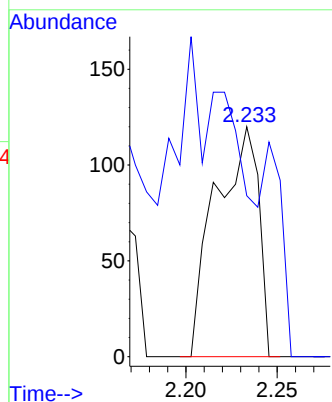


#13
Acrolein
Concen: 0.777 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :

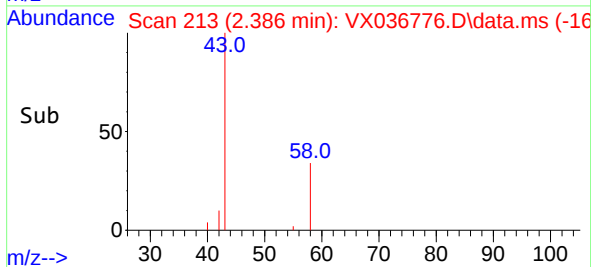
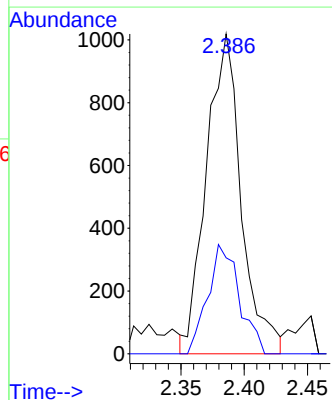
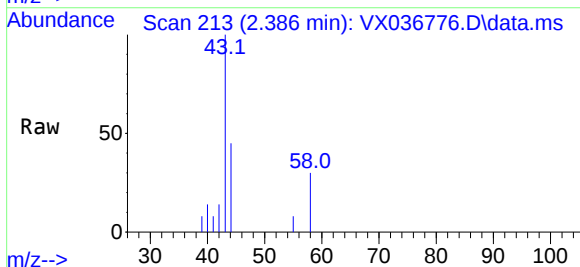


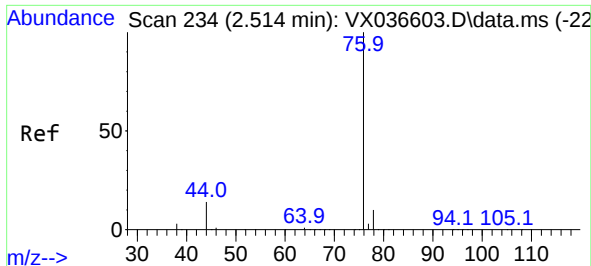
Tgt Ion: 56 Resp: 197
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.502 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

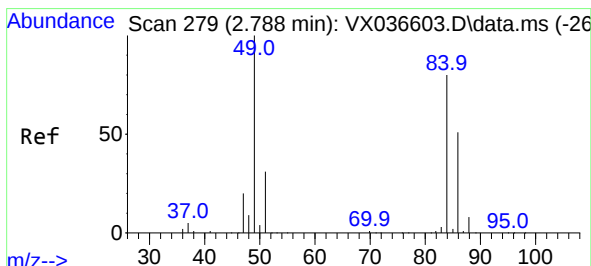
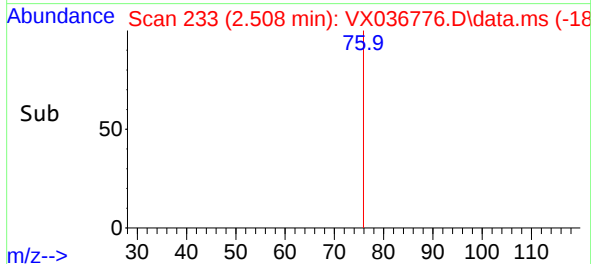
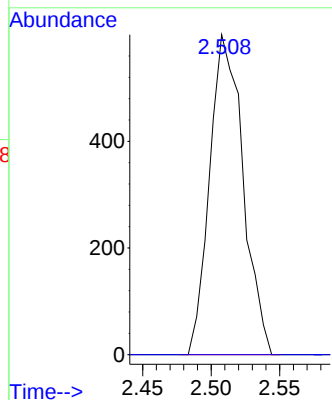
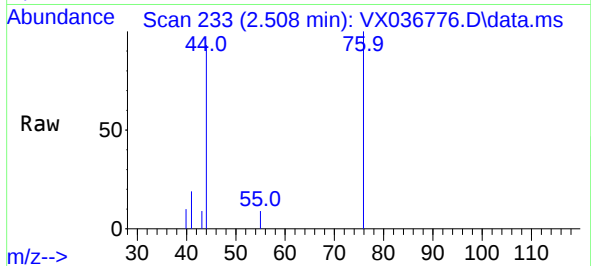




#17
Carbon Disulfide
Concen: 0.259 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

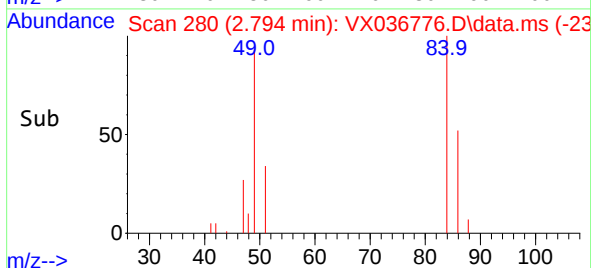
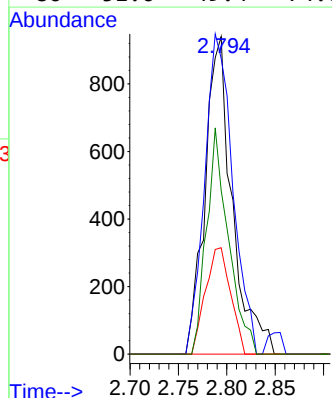
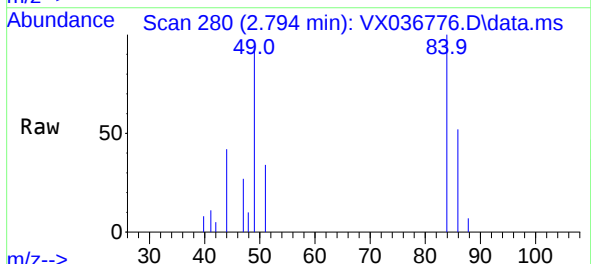
Instrument :
MSVOA_X
ClientSampleId :

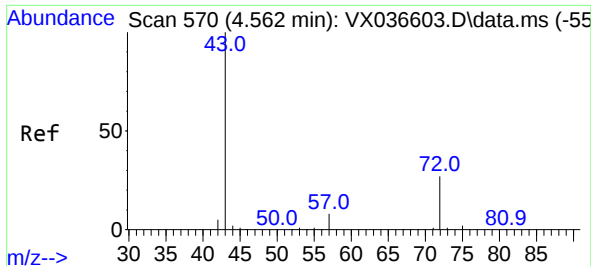
Tgt Ion: 76 Resp: 1014
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 1.062 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 84 Resp: 1840
Ion Ratio Lower Upper
84 100
49 93.2 103.6 155.4#
51 33.5 33.8 50.6#
86 51.6 49.4 74.0

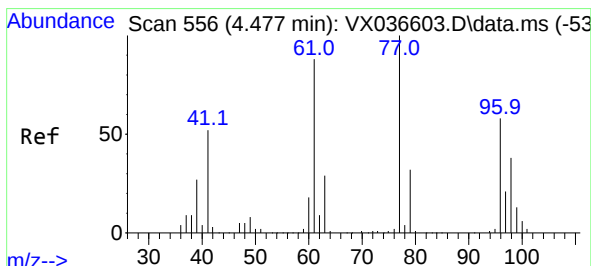
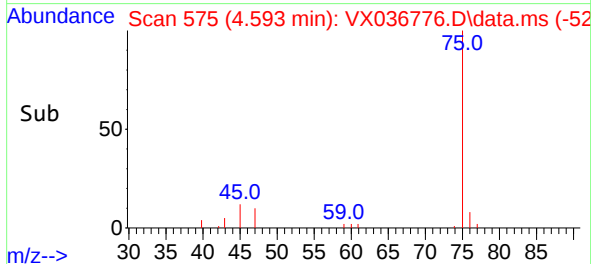
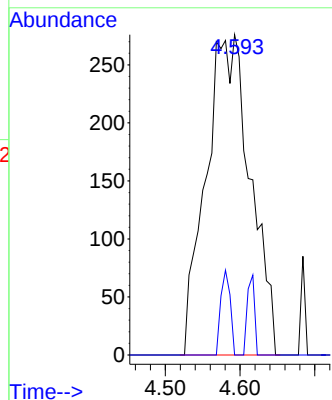
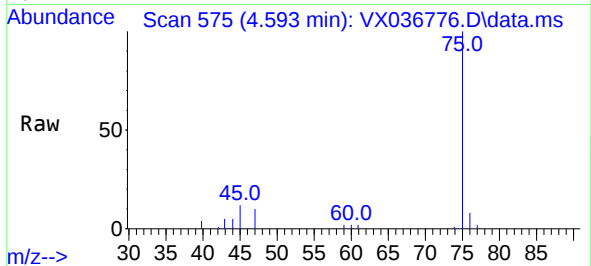




#25
2-Butanone
Concen: 0.907 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

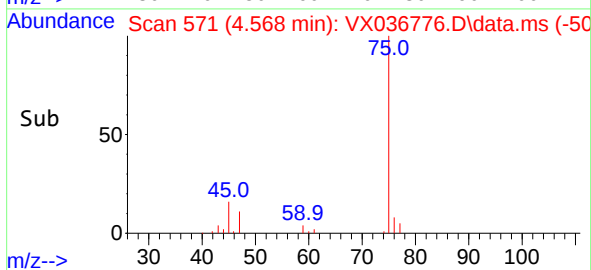
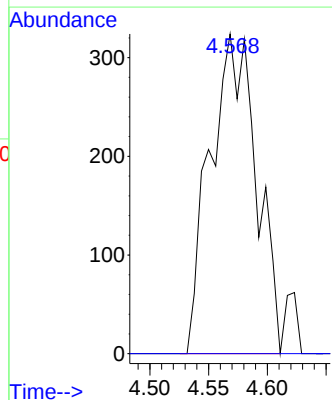
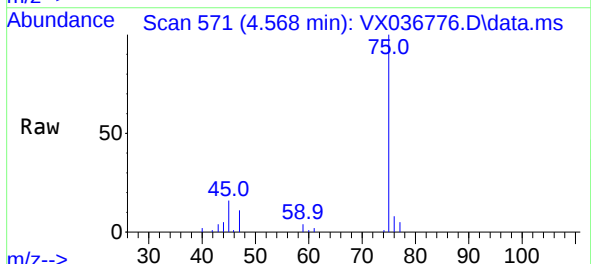
Instrument :
MSVOA_X
ClientSampleId :

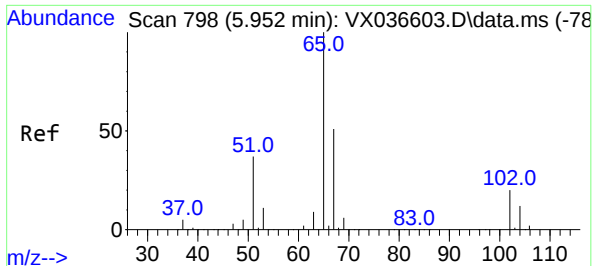
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.317 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.091 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 77 Resp: 891
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

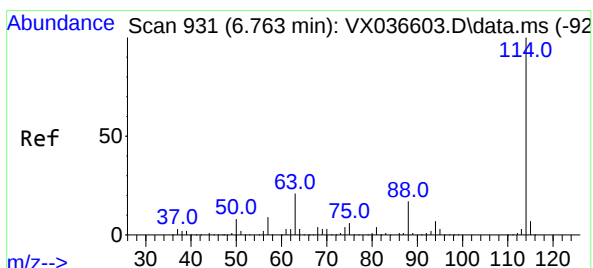
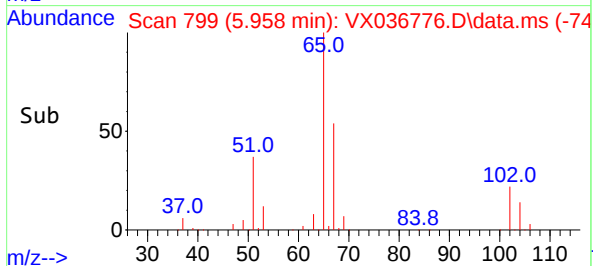
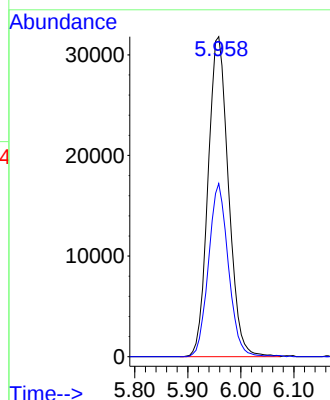
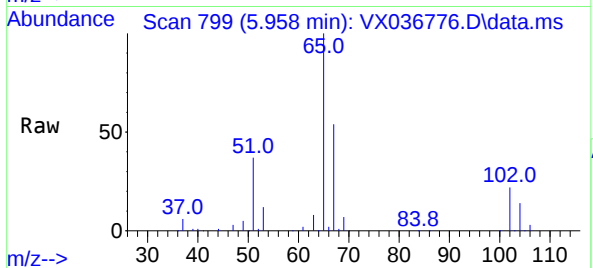




#33
 1,2-Dichloroethane-d4
 Concen: 45.374 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036776.D
 Acq: 02 Aug 2023 17:29

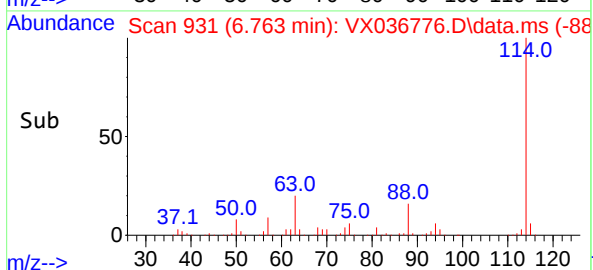
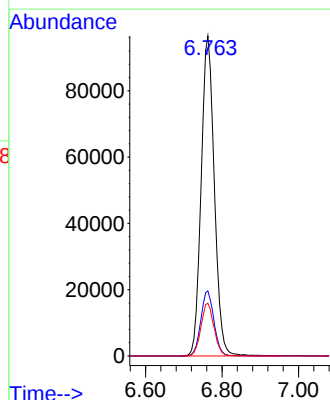
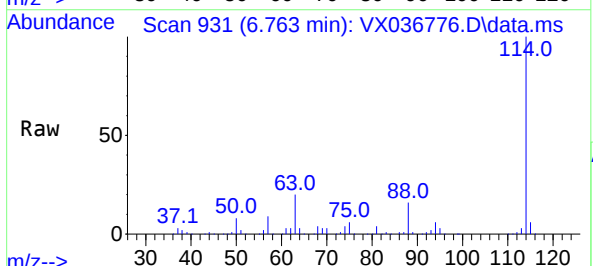
Instrument :
 MSVOA_X
 ClientSampleId :

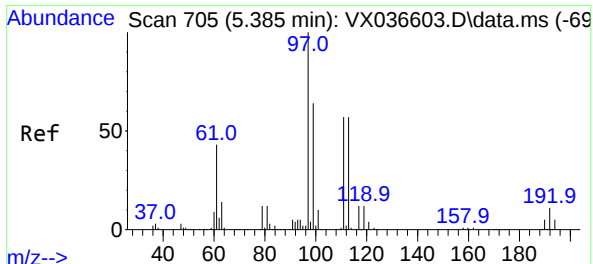
Tgt Ion: 65 Resp: 85192
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036776.D
 Acq: 02 Aug 2023 17:29

Tgt Ion: 114 Resp: 230765
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.602 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

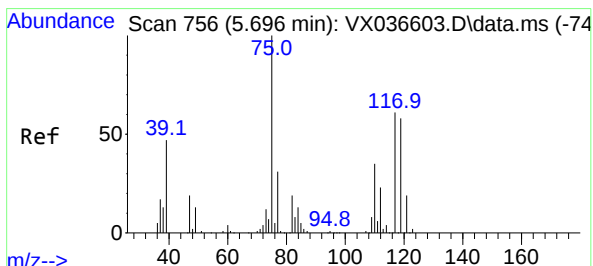
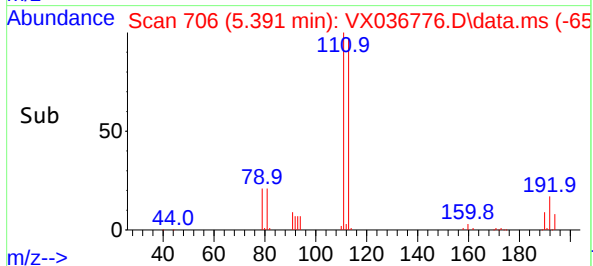
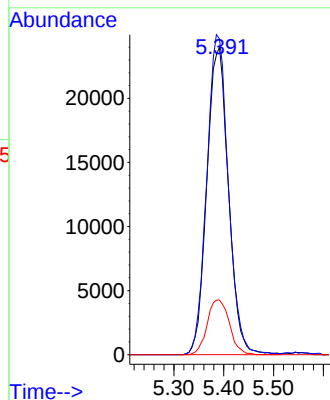
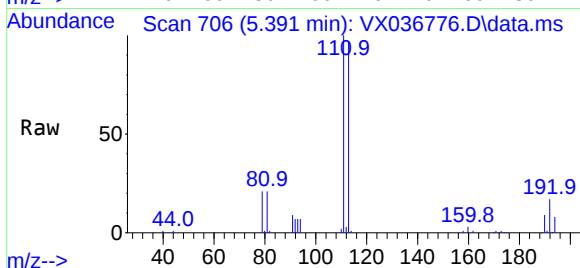
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:113 Resp: 72331

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.2	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.338 ug/l

RT: 5.556 min Scan# 733

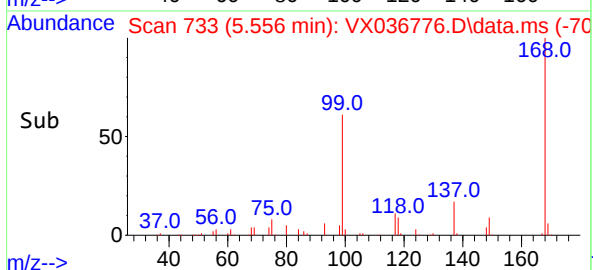
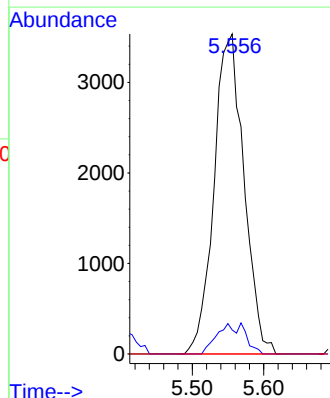
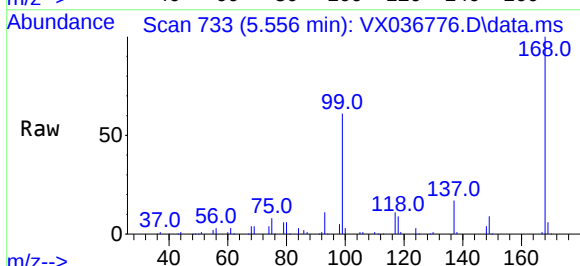
Delta R.T. -0.140 min

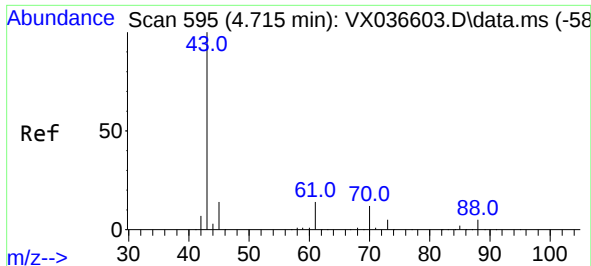
Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

Tgt Ion: 75 Resp: 10256

Ion	Ratio	Lower	Upper
75	100		
110	6.1	17.0	50.9#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.428 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

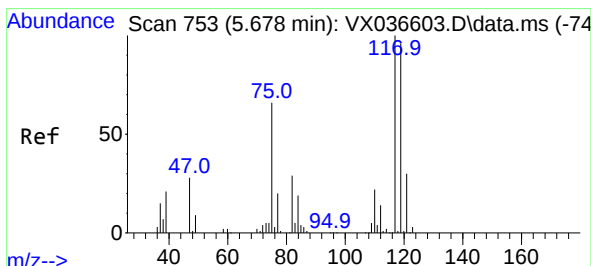
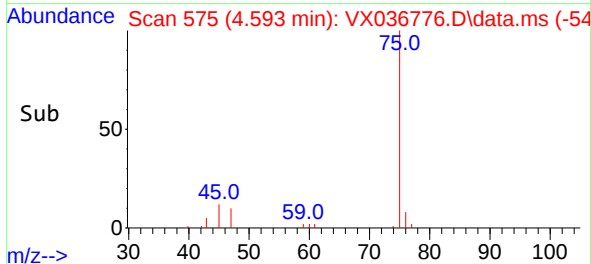
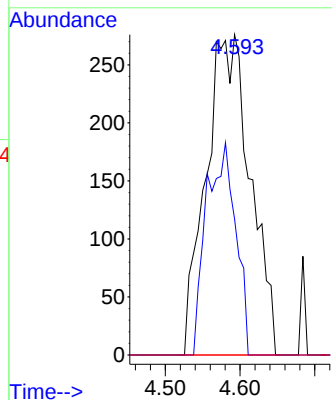
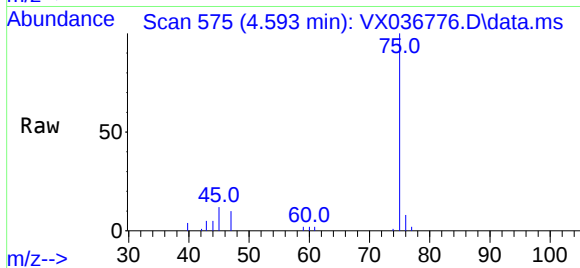
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 1146

Ion	Ratio	Lower	Upper
43	100		
61	43.5	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.300 ug/l

RT: 5.556 min Scan# 733

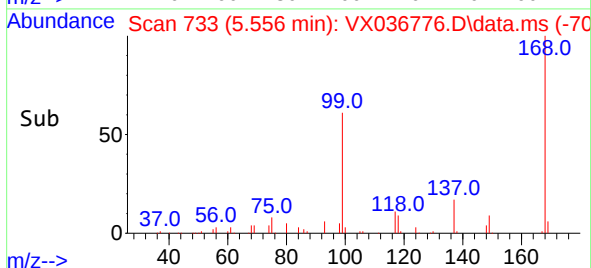
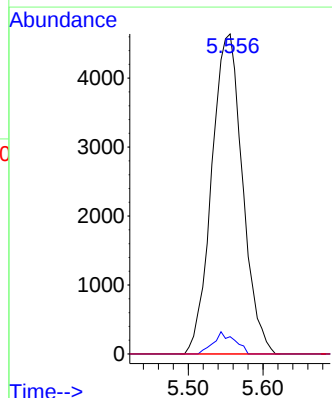
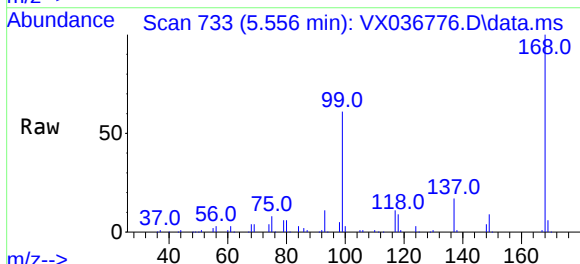
Delta R.T. -0.122 min

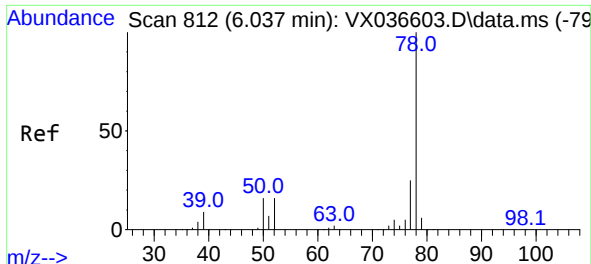
Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

Tgt Ion: 117 Resp: 13320

Ion	Ratio	Lower	Upper
117	100		
119	5.4	78.2	117.2#
121	0.0	24.4	36.6#

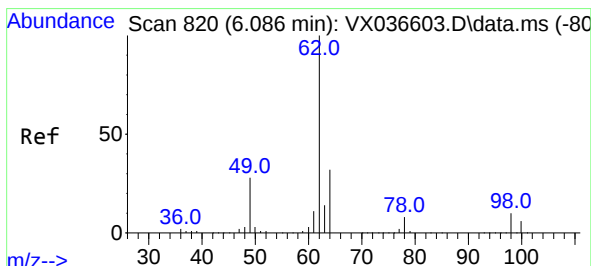
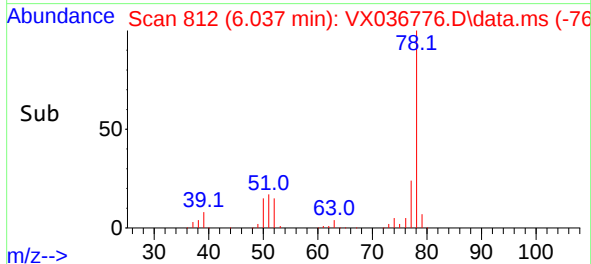
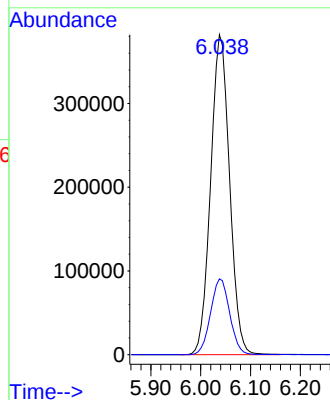
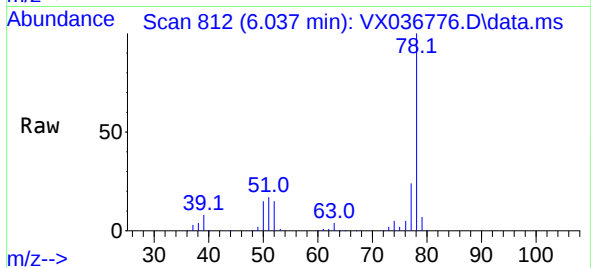




#40
Benzene
Concen: 146.607 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

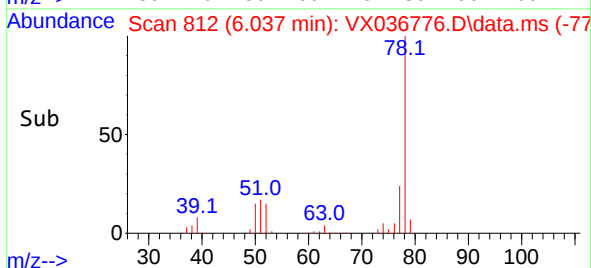
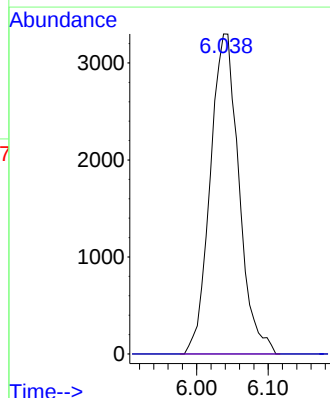
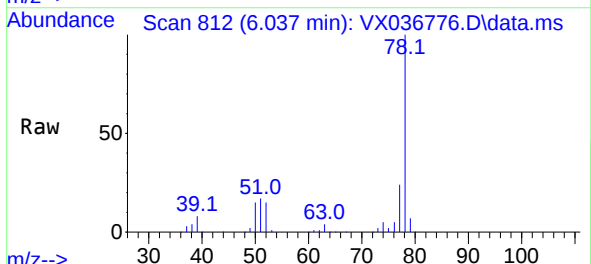
Instrument :
MSVOA_X
ClientSampleId :

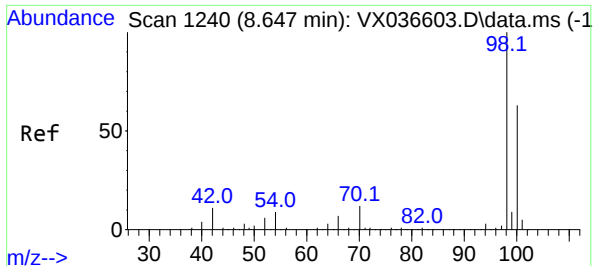
Tgt Ion: 78 Resp: 1008414
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#42
1,2-Dichloroethane
Concen: 3.661 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 62 Resp: 9208
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#50

Toluene-d8

Concen: 48.983 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

Instrument :

MSVOA_X

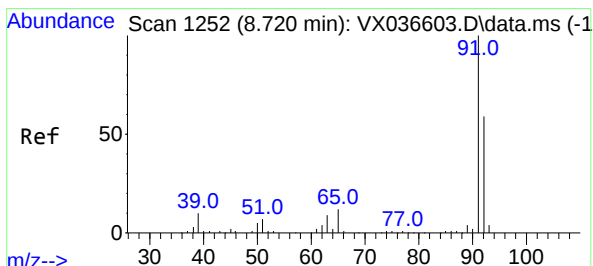
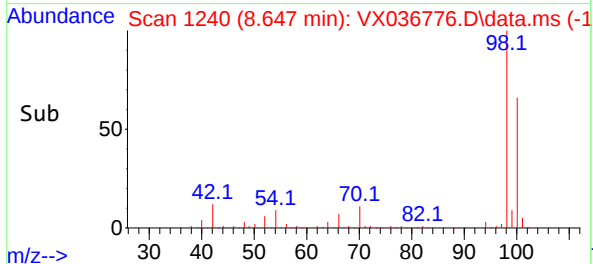
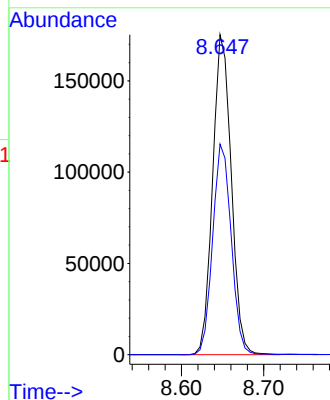
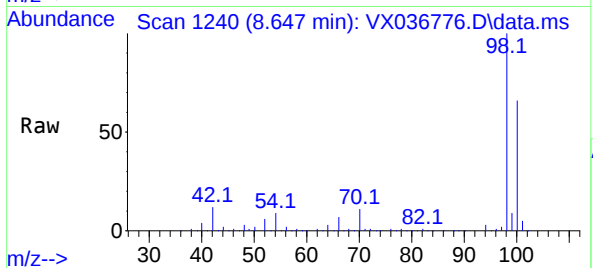
ClientSampleId :

Tgt Ion: 98 Resp: 275520

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#52

Toluene

Concen: 102.869 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036776.D

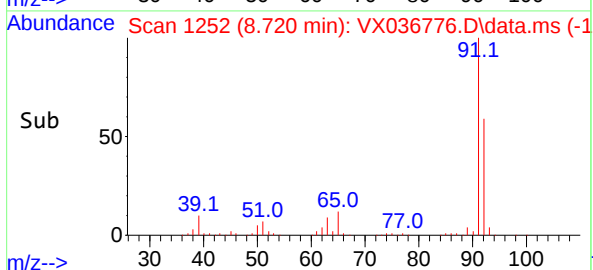
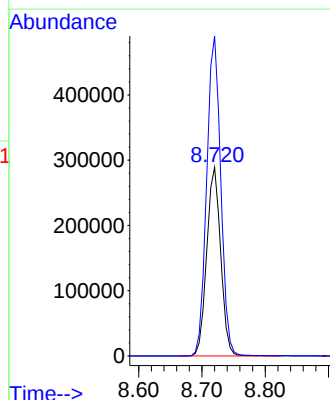
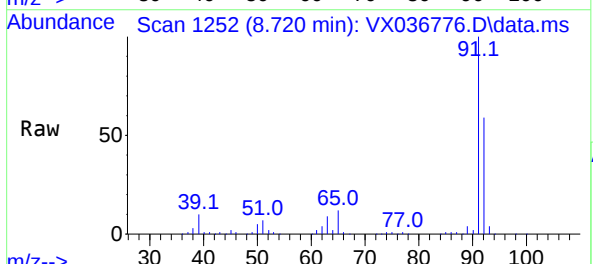
Acq: 02 Aug 2023 17:29

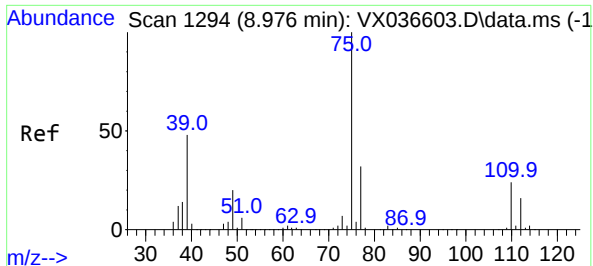
Tgt Ion: 92 Resp: 443357

Ion Ratio Lower Upper

92 100

91 171.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.763 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

Instrument :

MSVOA_X

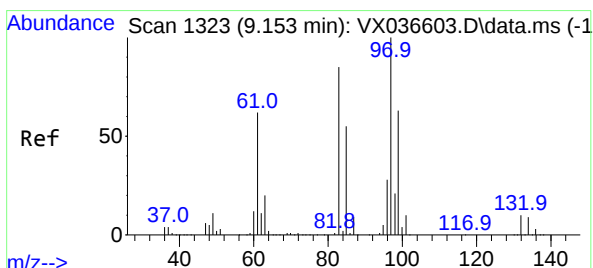
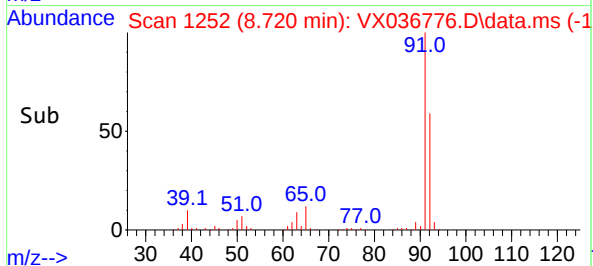
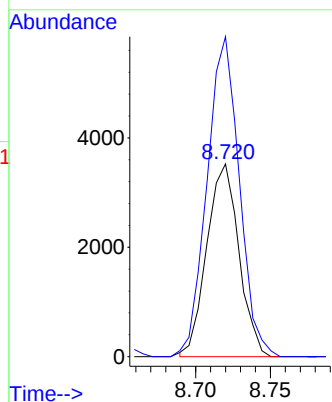
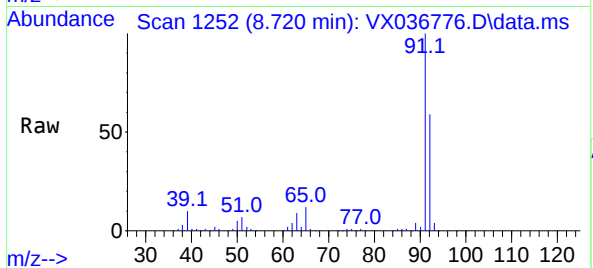
ClientSampleId :

Tgt Ion: 75 Resp: 5257

Ion Ratio Lower Upper

75 100

77 166.0 25.7 38.5#



#55

1,1,2-Trichloroethane

Concen: 3.416 ug/l

RT: 9.013 min Scan# 1300

Delta R.T. -0.140 min

Lab File: VX036776.D

Acq: 02 Aug 2023 17:29

Tgt Ion: 97 Resp: 6189

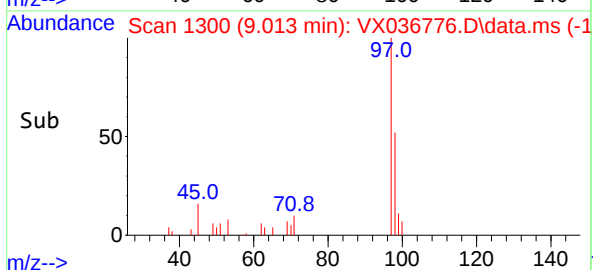
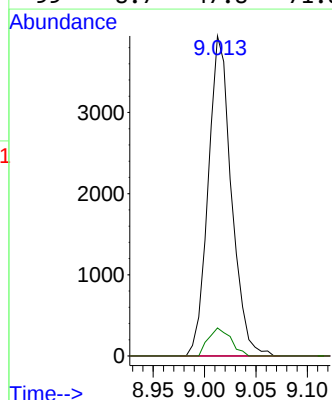
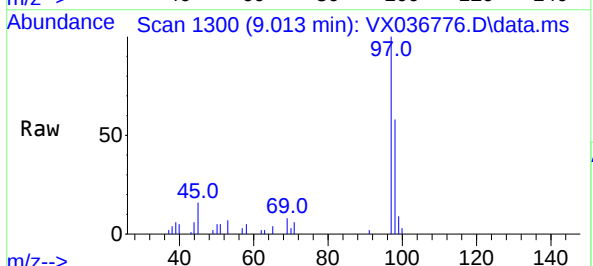
Ion Ratio Lower Upper

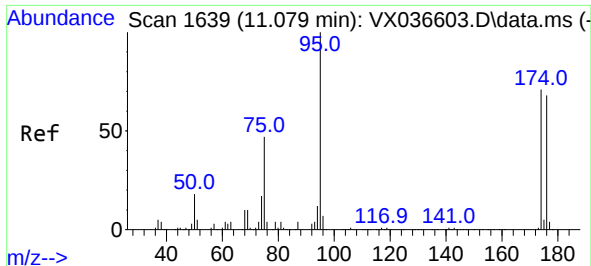
97 100

83 0.0 65.8 98.8#

85 0.0 41.6 62.4#

99 8.7 47.8 71.8#

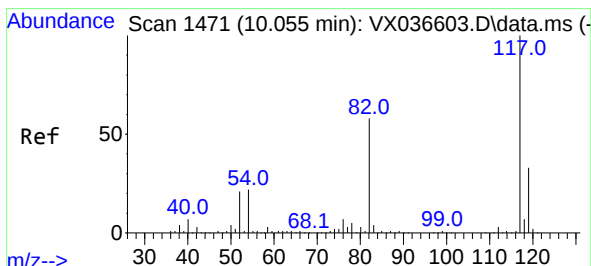
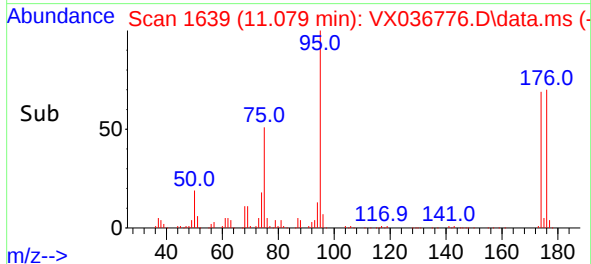
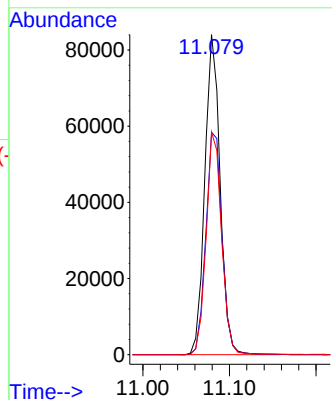
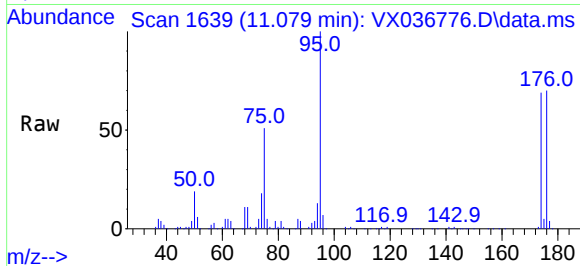




#62
4-Bromofluorobenzene
Concen: 48.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

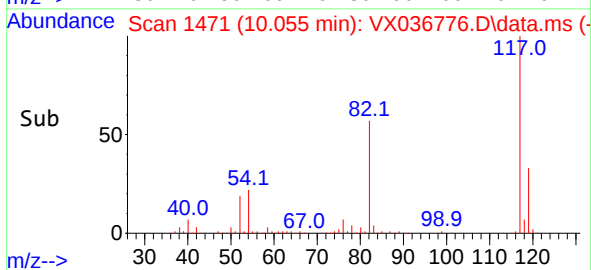
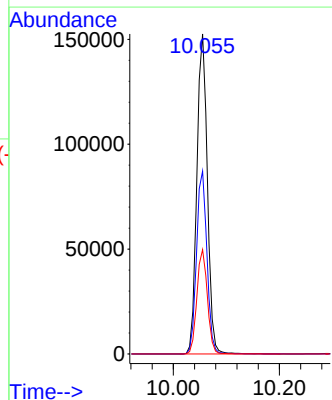
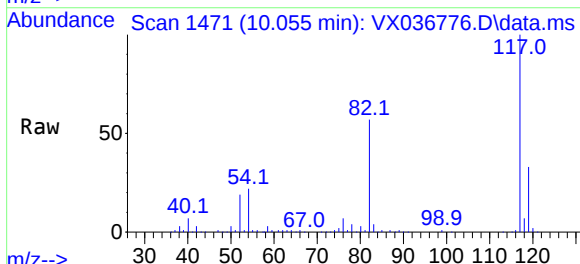
Instrument :
MSVOA_X
ClientSampleId :

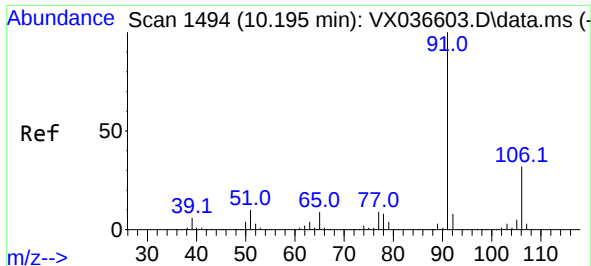
Tgt Ion: 95 Resp: 102976
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 117 Resp: 208830
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.6 25.5 38.3

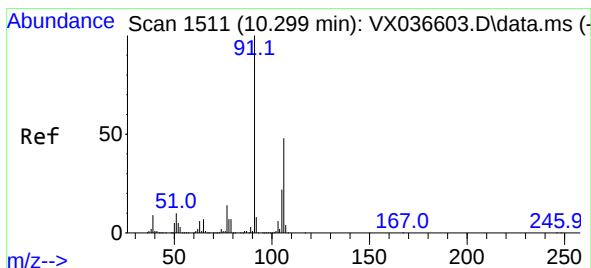
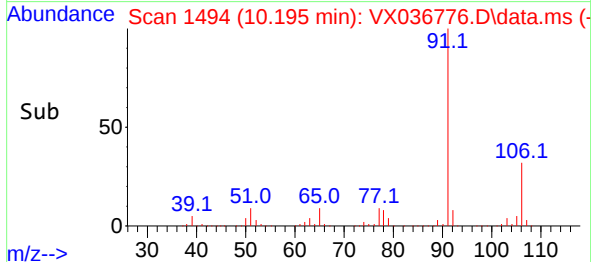
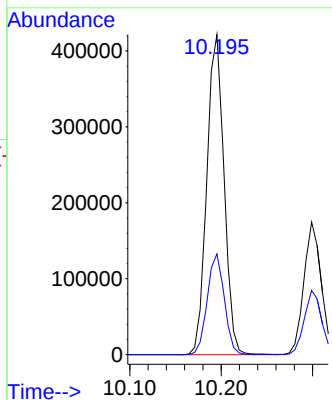
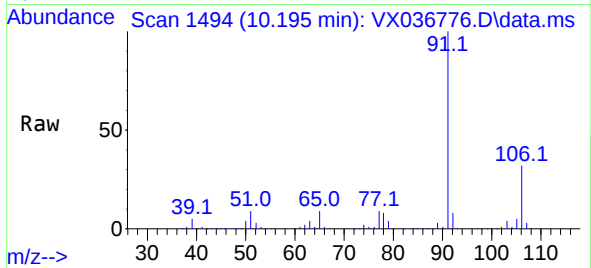




#67
Ethyl Benzene
Concen: 65.443 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

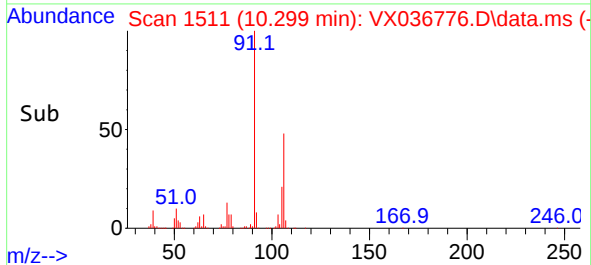
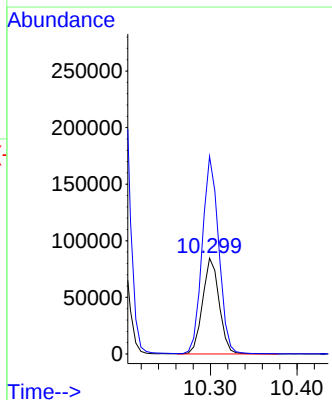
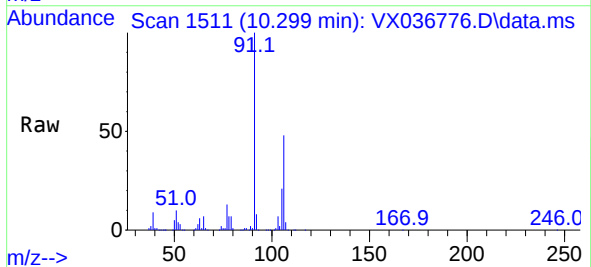
Instrument :
MSVOA_X
ClientSampleId :

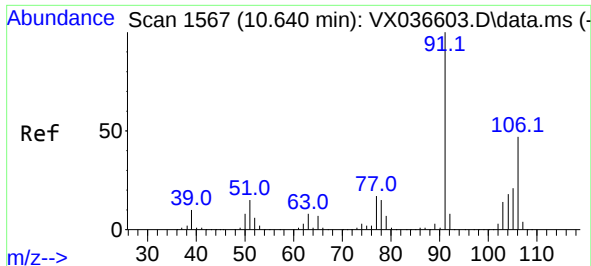
Tgt Ion: 91 Resp: 550320
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 35.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 106 Resp: 112343
Ion Ratio Lower Upper
106 100
91 205.8 165.5 248.3

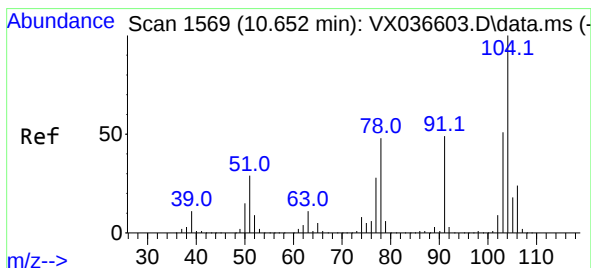
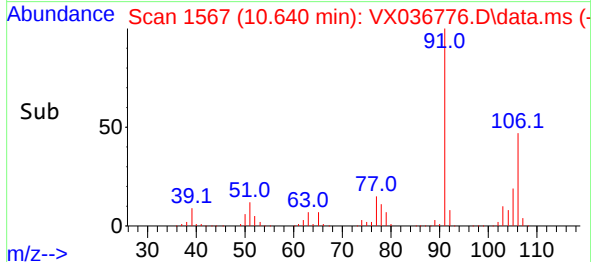
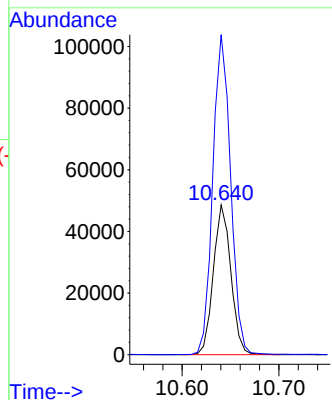
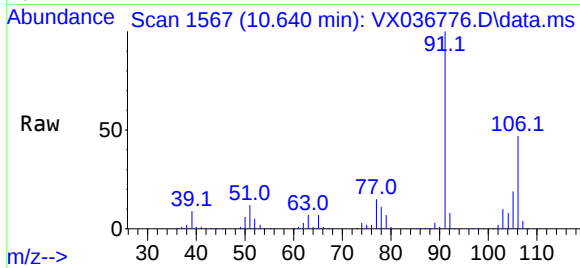




#69
o-Xylene
Concen: 19.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

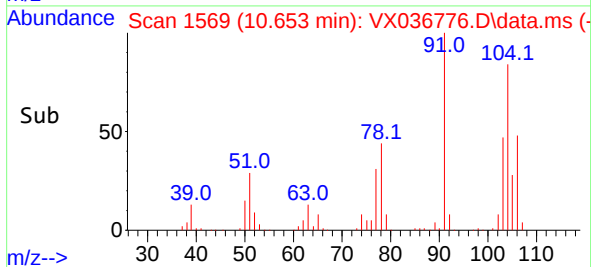
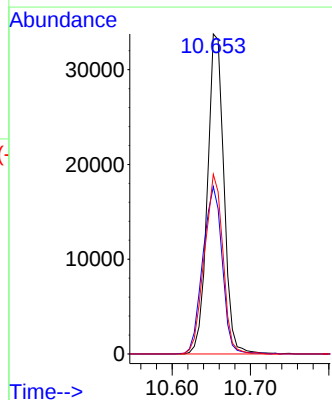
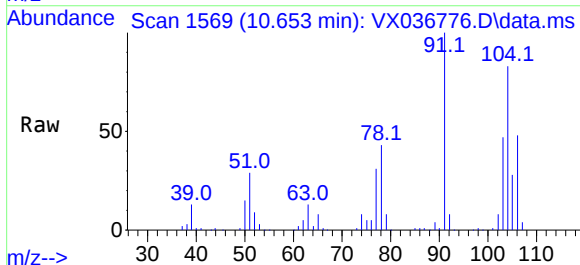
Instrument :
MSVOA_X
ClientSampleId :

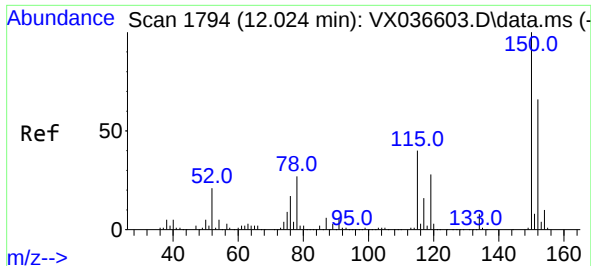
Tgt Ion:106 Resp: 61193
Ion Ratio Lower Upper
106 100
91 217.8 108.9 326.8



#70
Styrene
Concen: 9.524 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:104 Resp: 49214
Ion Ratio Lower Upper
104 100
78 61.6 43.6 65.4
103 63.1 43.6 65.4

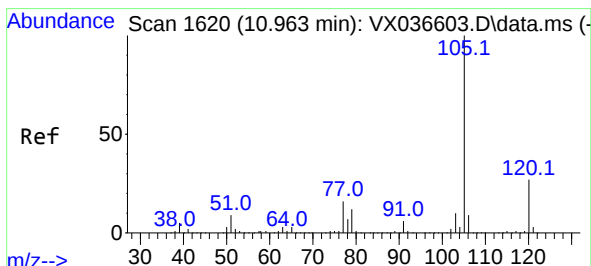
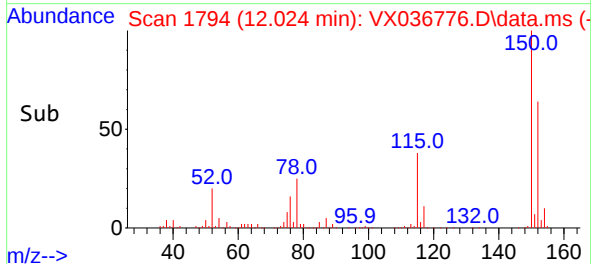
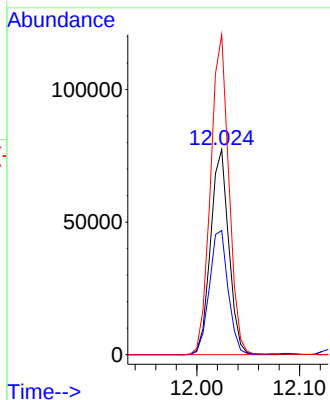
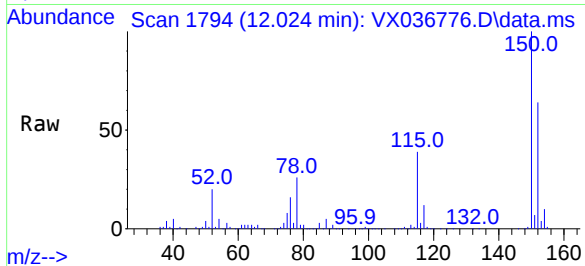




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

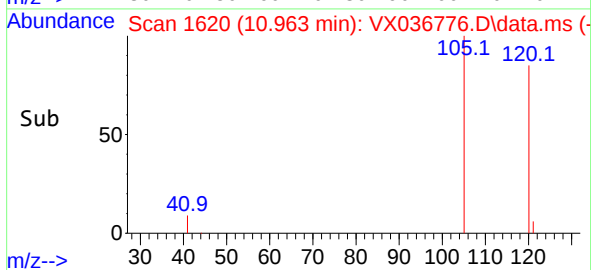
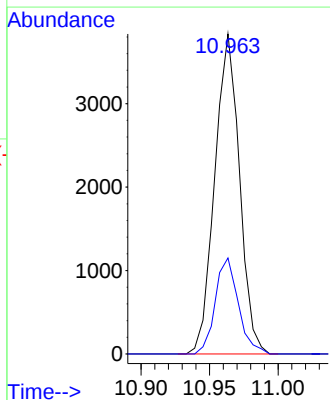
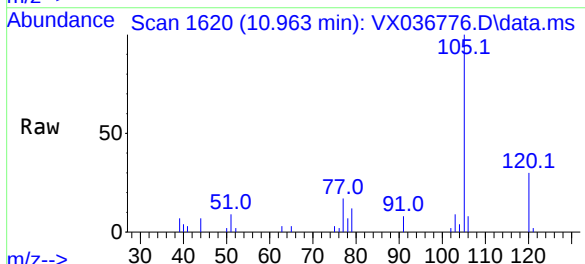
Instrument :
MSVOA_X
ClientSampleId :

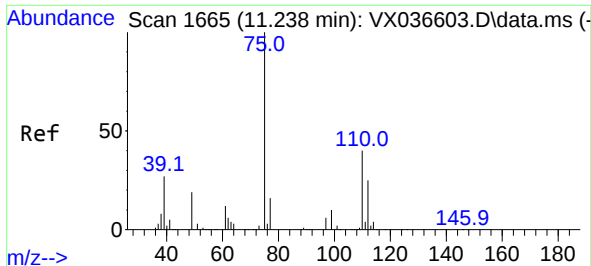
Tgt Ion:152 Resp: 95355
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.0 0.0 345.0



#73
Isopropylbenzene
Concen: 0.610 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:105 Resp: 4810
Ion Ratio Lower Upper
105 100
120 28.0 12.9 38.6

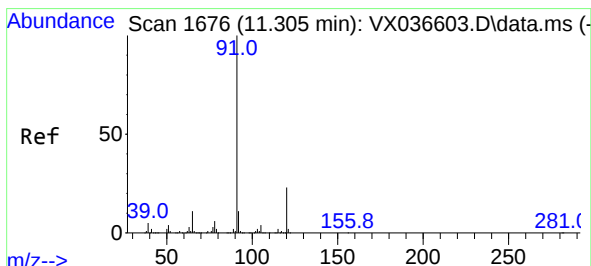
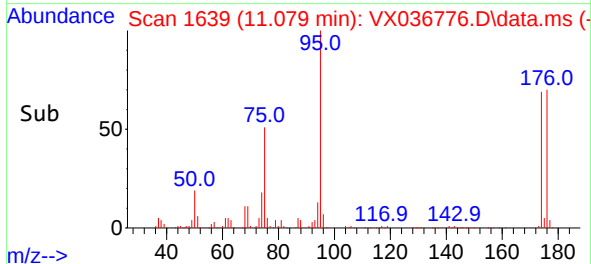
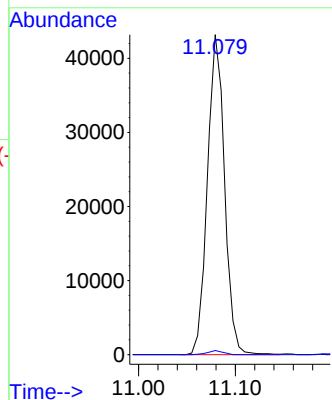
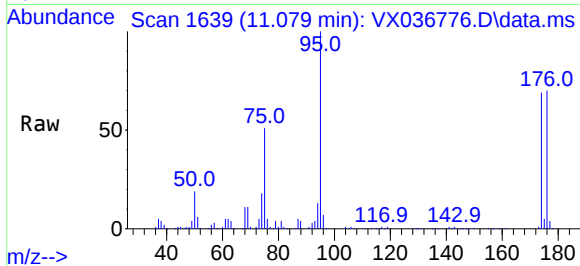




#76
1,2,3-Trichloropropane
Concen: 23.744 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

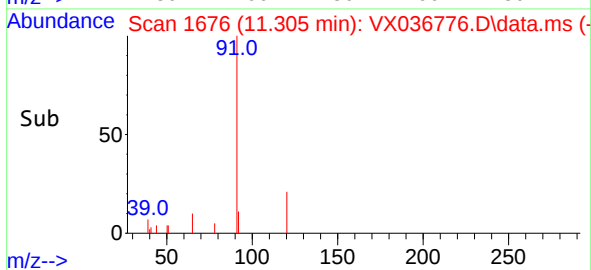
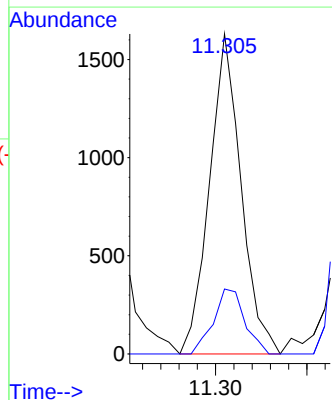
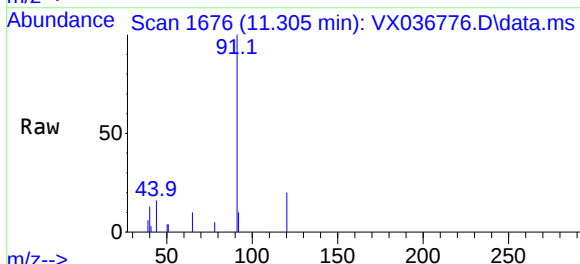
Instrument :
MSVOA_X
ClientSampleId :

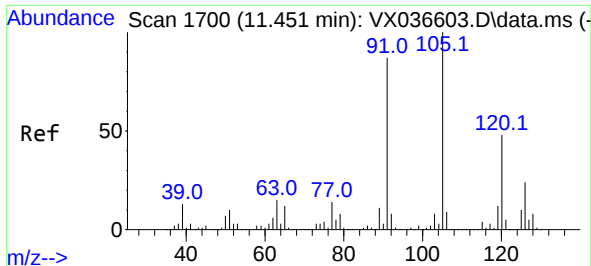
Tgt Ion: 75 Resp: 53255
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#78
n-propylbenzene
Concen: 0.215 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

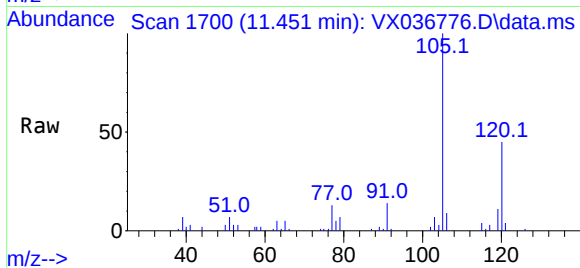
Tgt Ion: 91 Resp: 1959
Ion Ratio Lower Upper
91 100
120 20.1 11.5 34.4



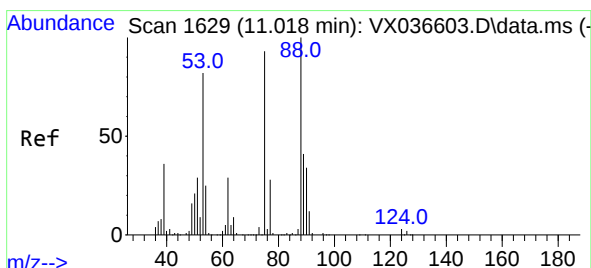
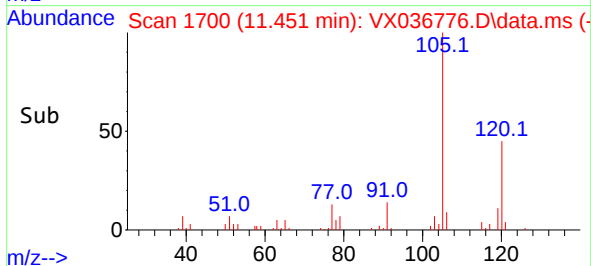
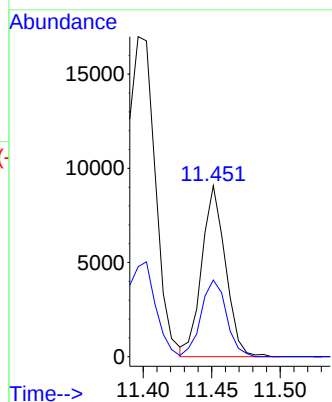


#80
1,3,5-Trimethylbenzene
Concen: 1.657 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :

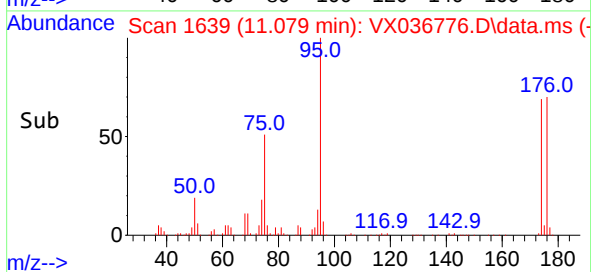
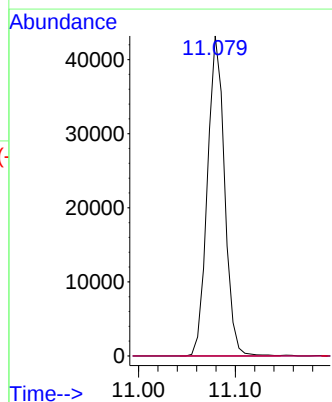
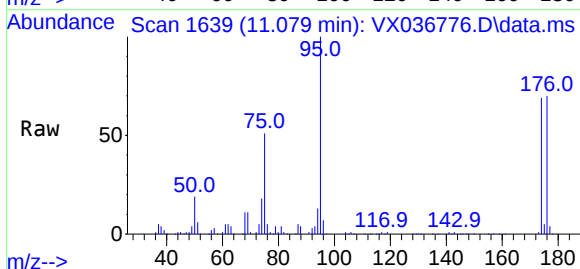


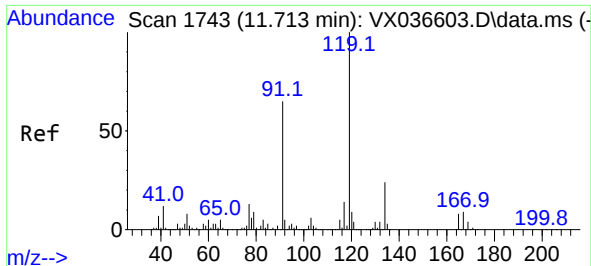
Tgt Ion:105 Resp: 10936
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 53.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

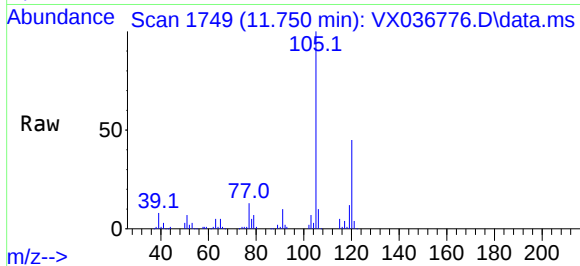
Tgt Ion: 75 Resp: 53255
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



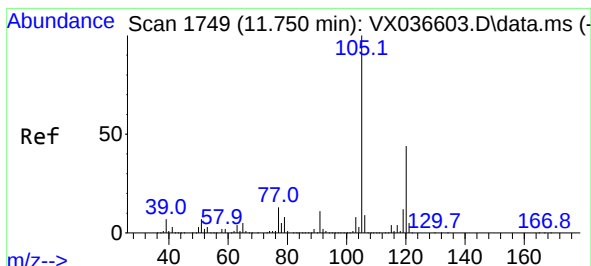
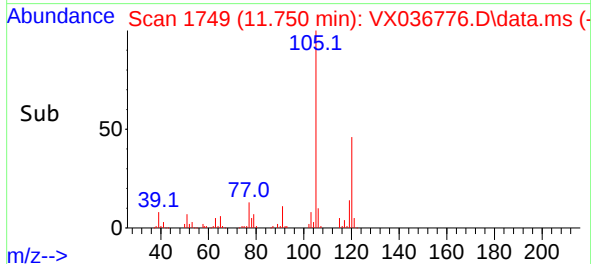
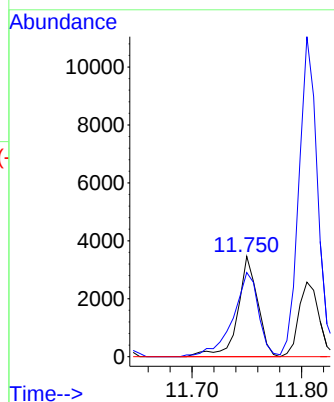


#83
tert-Butylbenzene
Concen: 0.672 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :

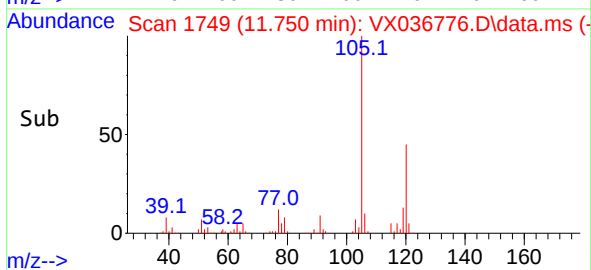
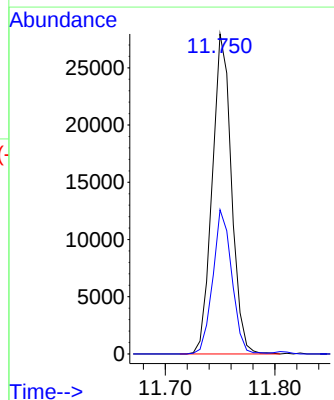
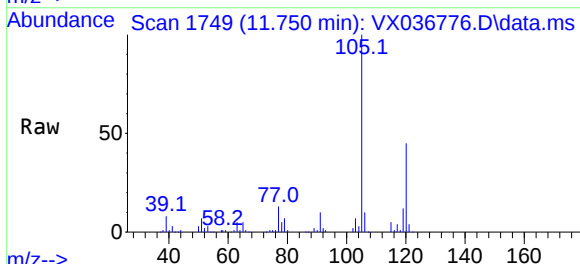


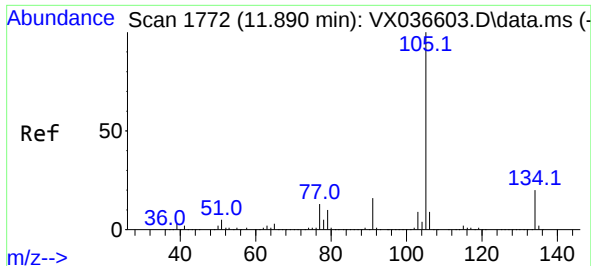
Tgt Ion:119 Resp: 4359
Ion Ratio Lower Upper
119 100
91 108.6 31.2 93.6#
134 0.0 11.7 35.0#



#84
1,2,4-Trimethylbenzene
Concen: 5.161 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:105 Resp: 34075
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6

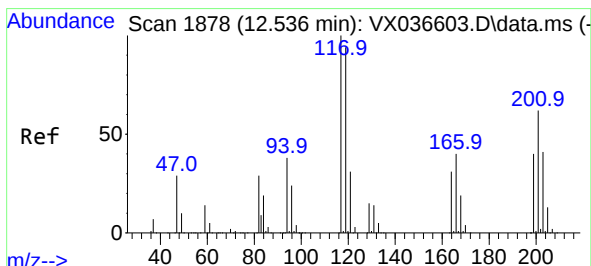
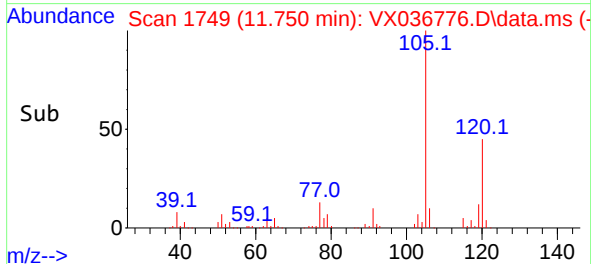
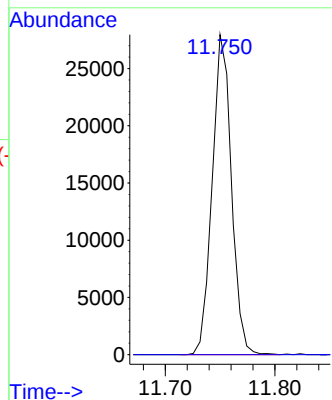
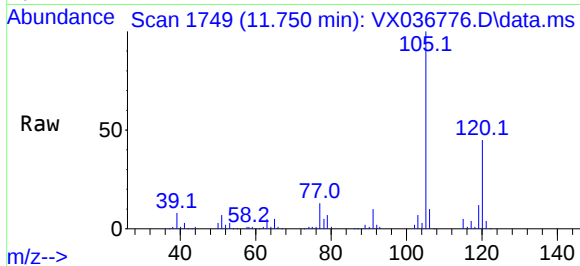




#85
sec-Butylbenzene
Concen: 4.213 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.140 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

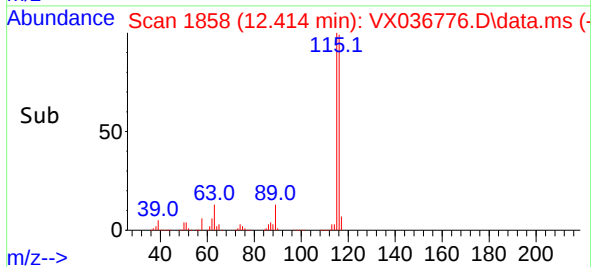
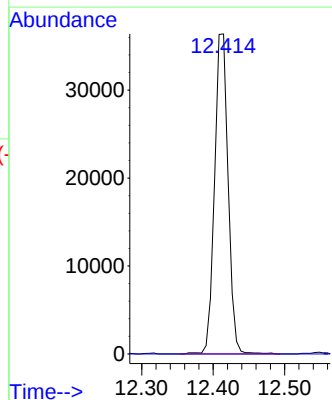
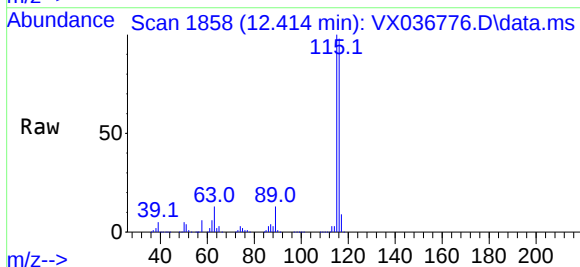
Instrument :
MSVOA_X
ClientSampleId :

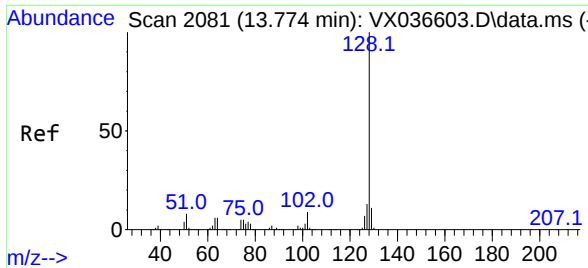
Tgt Ion:105 Resp: 34075
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#90
Hexachloroethane
Concen: 35.498 ug/l
RT: 12.414 min Scan# 1858
Delta R.T. -0.122 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

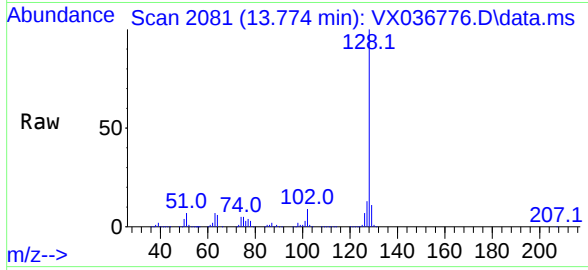
Tgt Ion:117 Resp: 47894
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 209.425 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1444220
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.8 13.2

