

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034795.D
 Acq On : 28 Mar 2023 16:04
 Operator : JC/MD
 Sample : 02065-02 10X
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1161ME

Quant Time: Mar 28 16:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

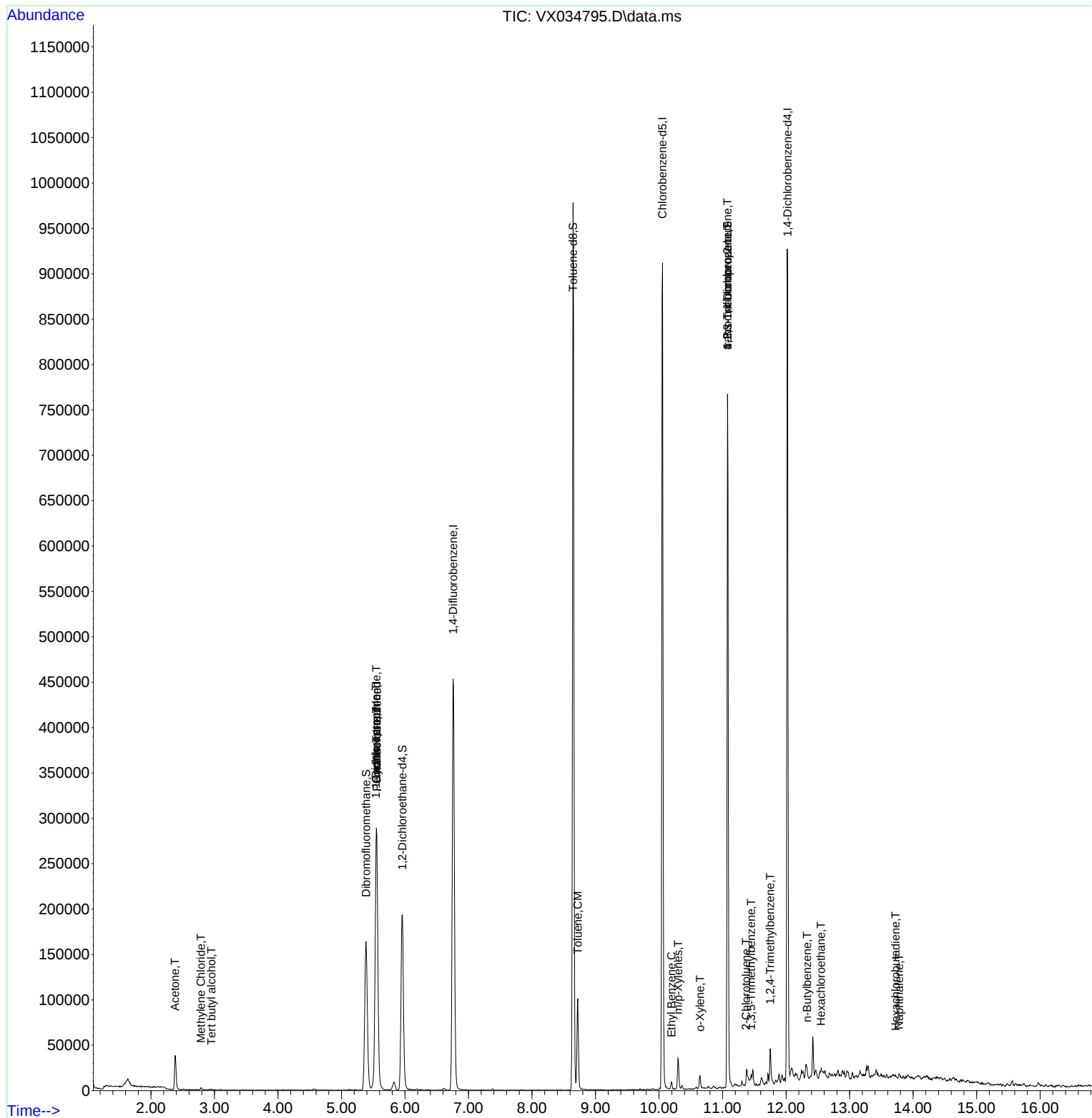
Internal Standards						
1) Pentafluorobenzene	5.556	168	266855	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	455561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186632	48.074	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	141691	47.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	551933	49.155	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	198789	43.830	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	352	Below Cal	#	80
11) Tert butyl alcohol	2.953	59	672	0.831	ug/l #	73
16) Acetone	2.380	43	41971	22.951	ug/l	95
20) Methylene Chloride	2.788	84	986	0.278	ug/l #	90
31) Cyclohexane	5.550	56	8498	1.561	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	23904	5.174	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27987	6.090	ug/l #	15
52) Toluene	8.720	92	37792	4.517	ug/l	98
67) Ethyl Benzene	10.195	91	4566	0.289	ug/l	92
68) m/p-Xylenes	10.299	106	8121	1.339	ug/l	99
69) o-Xylene	10.646	106	3388	0.557	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	107005	25.457	ug/l #	35
79) 2-Chlorotoluene	11.372	91	2127	0.211	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	3827	0.322	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.079	75	107005	68.868	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	15394	1.269	ug/l	98
89) n-Butylbenzene	12.329	91	2339	0.214	ug/l #	53
90) Hexachloroethane	12.549	117	474	0.208	ug/l	75
94) Hexachlorobutadiene	13.725	225	330	0.204	ug/l	85
95) Naphthalene	13.780	128	3036	0.225	ug/l #	81

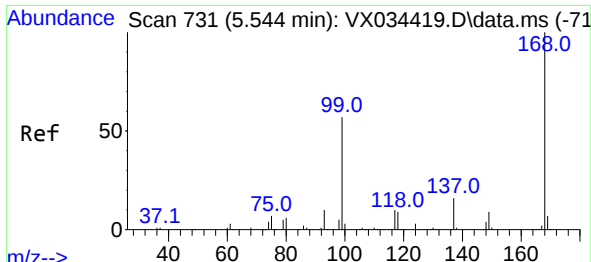
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
Data File : VX034795.D
Acq On : 28 Mar 2023 16:04
Operator : JC/MD
Sample : 02065-02 10X
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1161ME

Quant Time: Mar 28 16:32:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

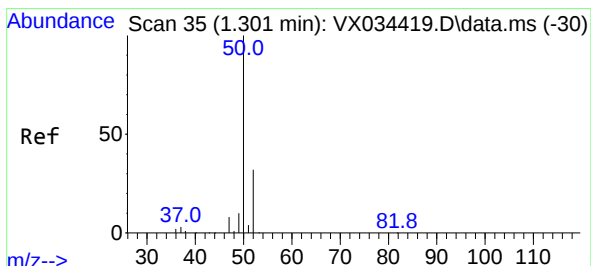
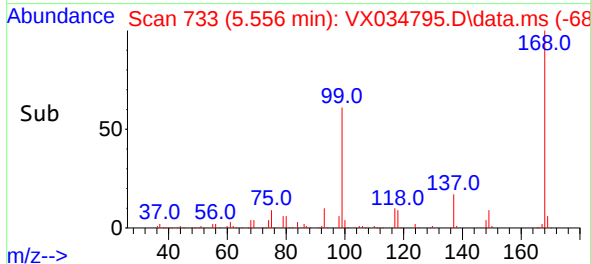
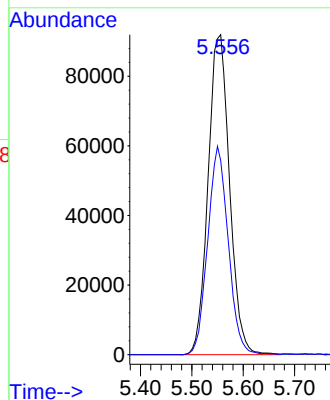
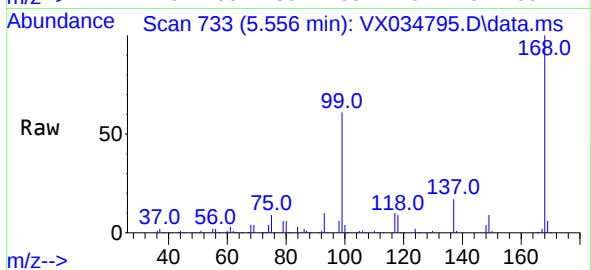




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

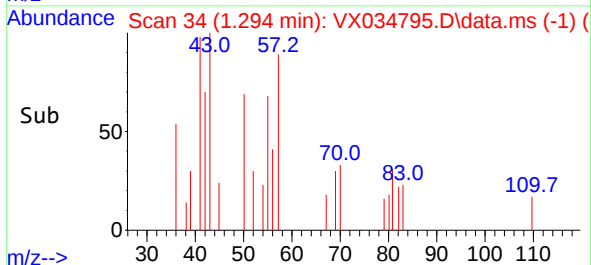
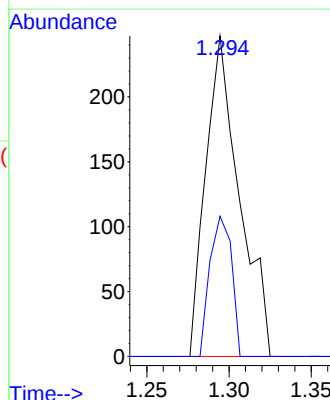
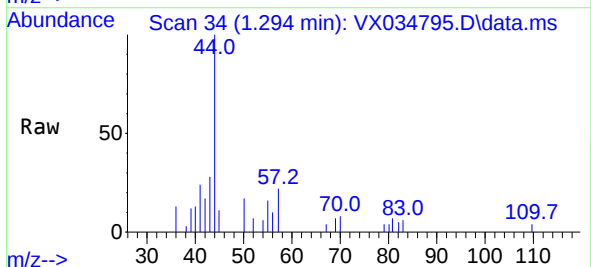
Instrument :
MSVOA_X
ClientSampleId :
1161ME

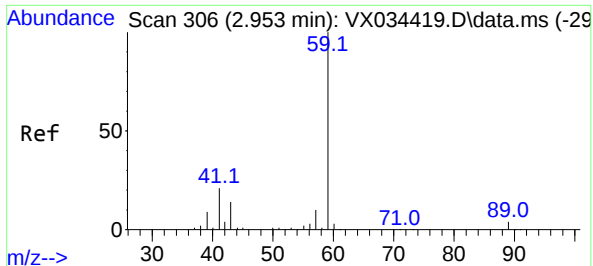
Tgt Ion:168 Resp: 266855
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 43.7 25.9 38.9

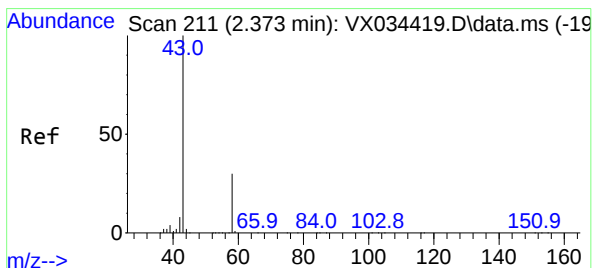
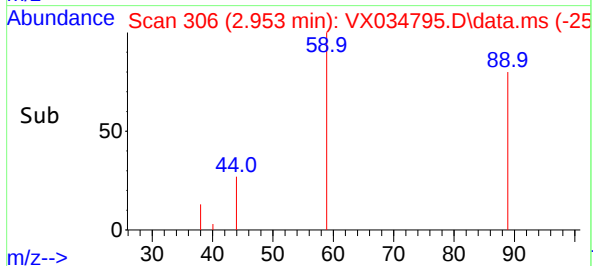
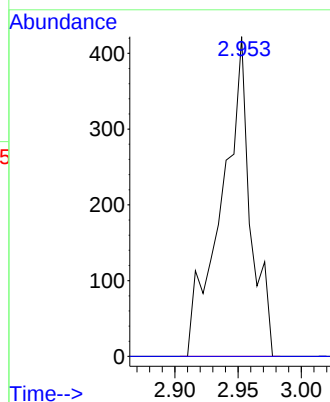
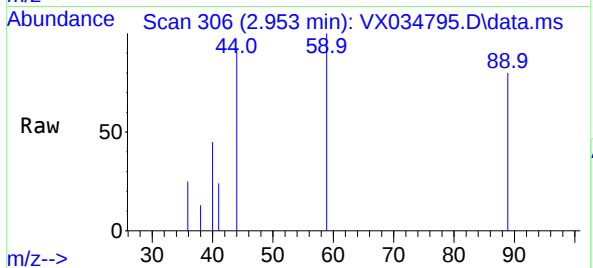




#11
Tert butyl alcohol
Concen: 0.831 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

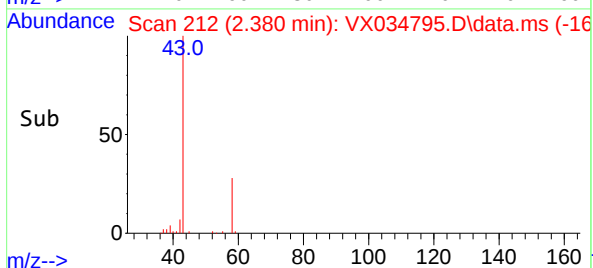
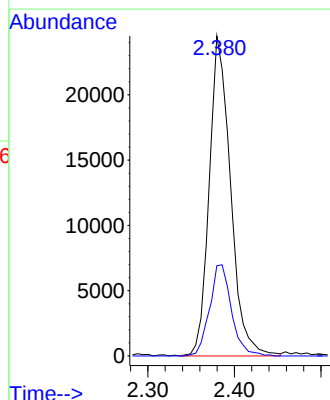
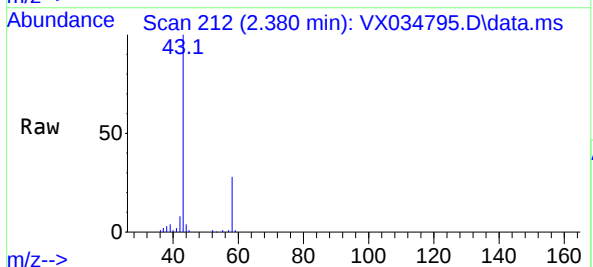
Instrument :
MSVOA_X
ClientSampleId :
1161ME

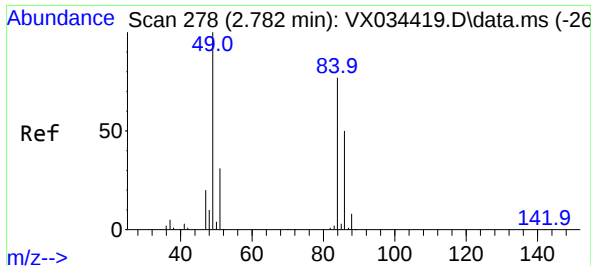
Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 22.951 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 43 Resp: 41971
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



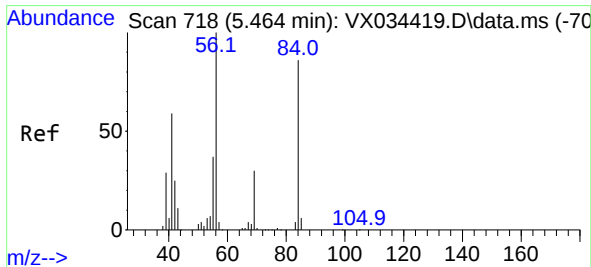
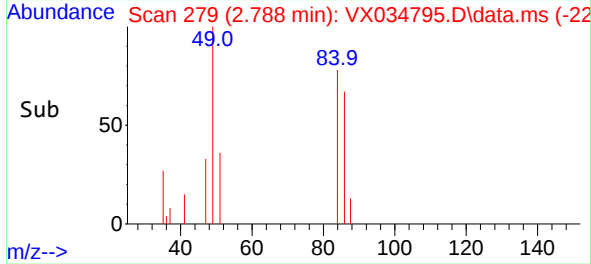
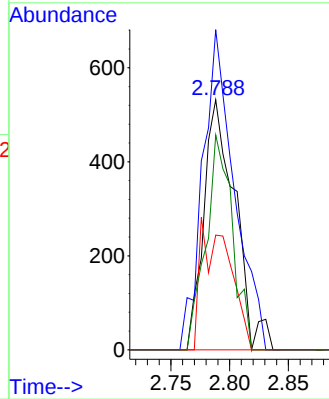
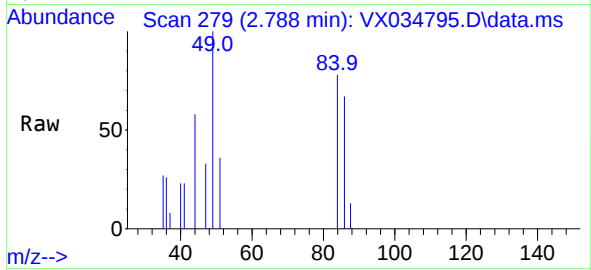


#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
1161ME

Tgt Ion: 84 Resp: 986

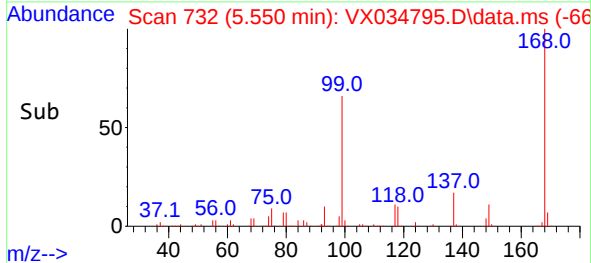
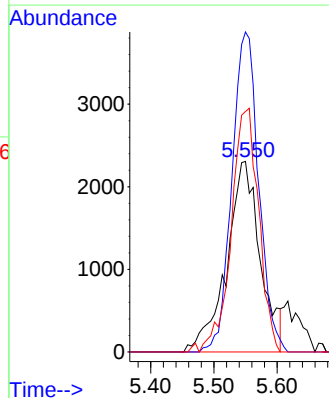
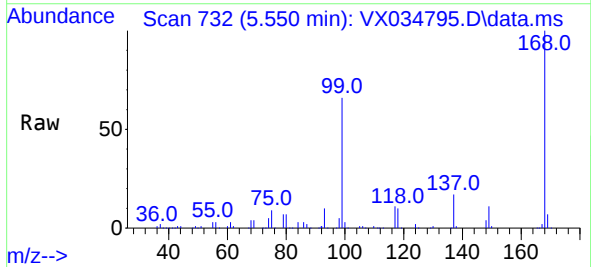
Ion	Ratio	Lower	Upper
84	100		
49	128.0	103.8	155.8
51	45.9	31.8	47.8
86	85.9	51.4	77.2

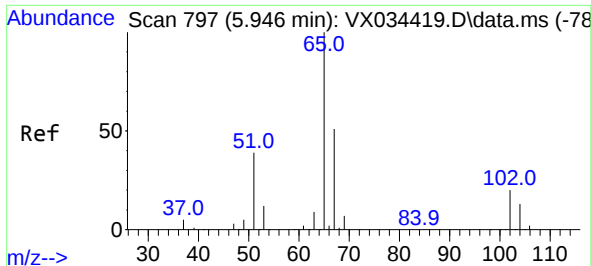


#31
Cyclohexane
Concen: 1.561 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 56 Resp: 8498

Ion	Ratio	Lower	Upper
56	100		
69	167.9	23.7	35.5
84	126.2	68.5	102.7

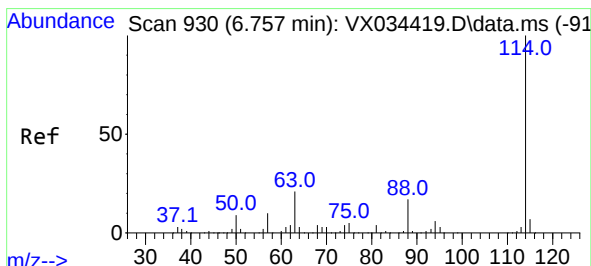
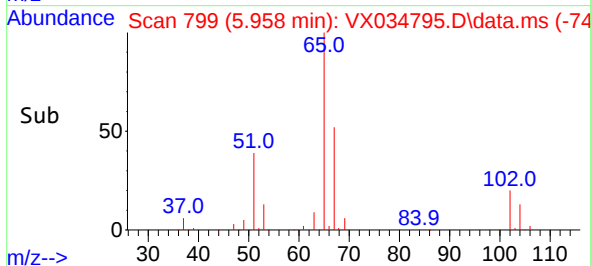
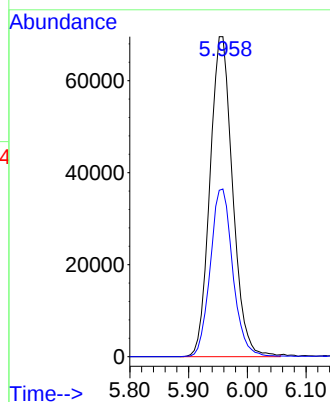
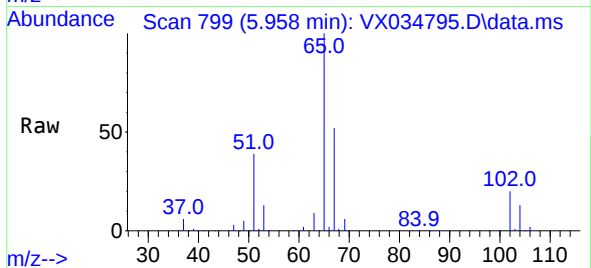




#33
1,2-Dichloroethane-d4
Concen: 48.074 ug/l
RT: 5.958 min Scan# 797
Delta R.T. 0.012 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

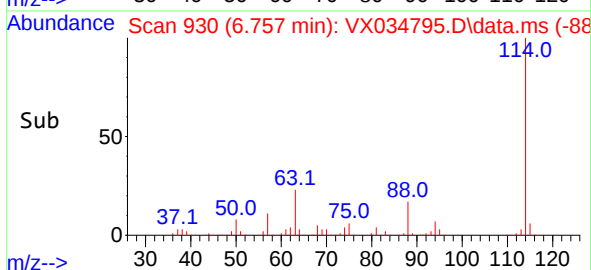
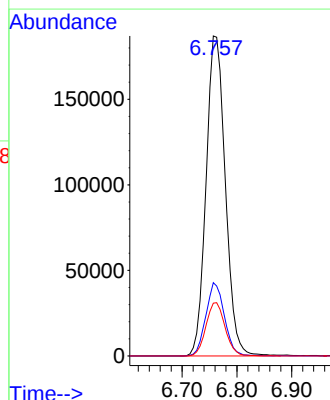
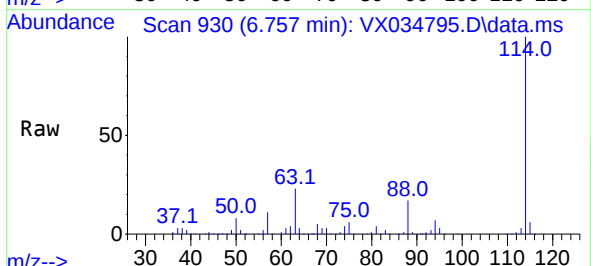
Instrument :
MSVOA_X
ClientSampleId :
1161ME

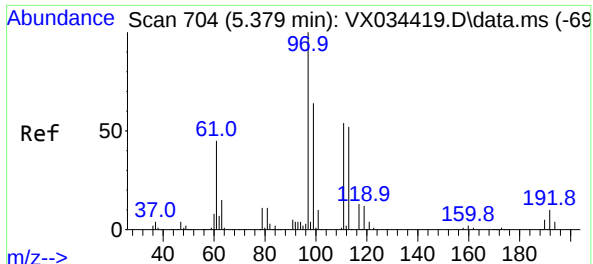
Tgt Ion: 65 Resp: 186632
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 114 Resp: 455561
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 16.5 0.0 33.2

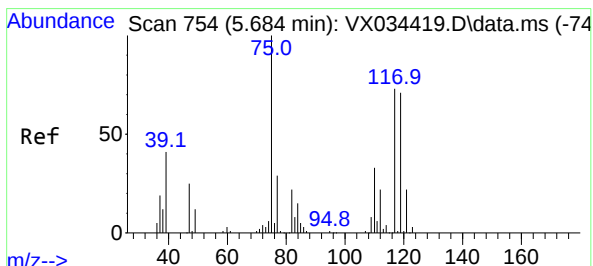
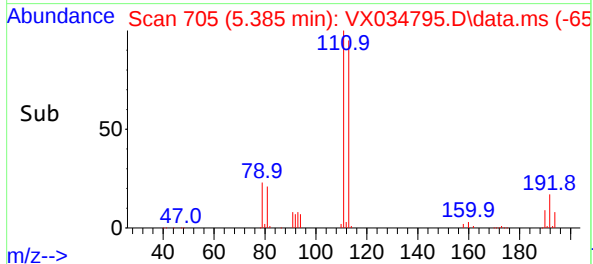
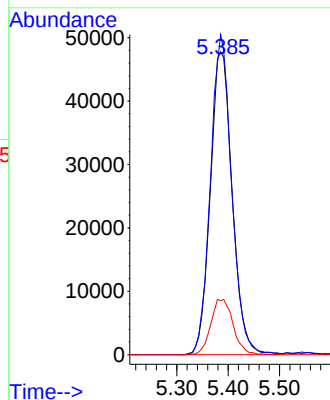
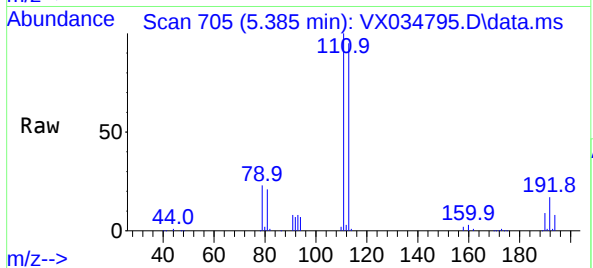




#35
Dibromofluoromethane
Concen: 47.107 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

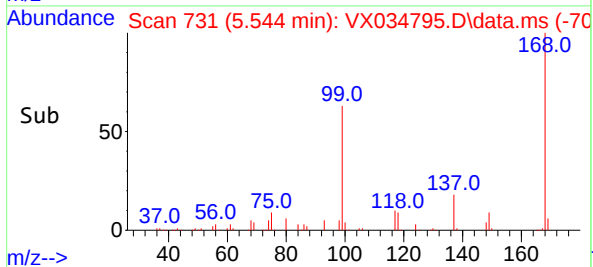
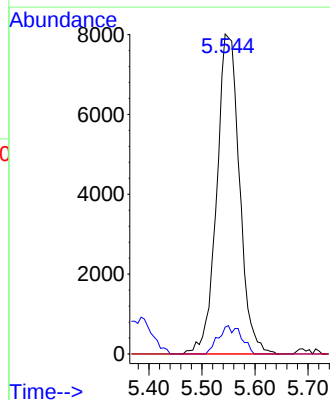
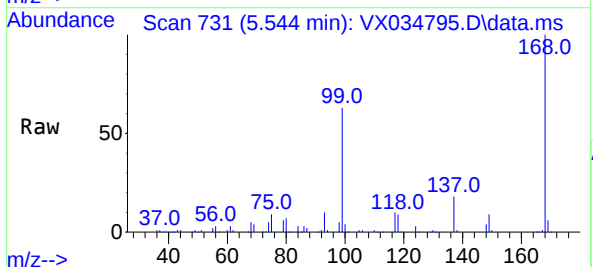
Instrument :
MSVOA_X
ClientSampleId :
1161ME

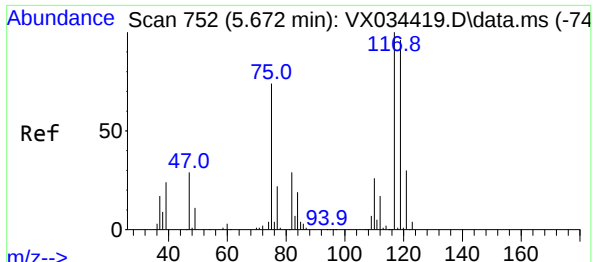
Tgt Ion:113 Resp: 141691
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 18.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

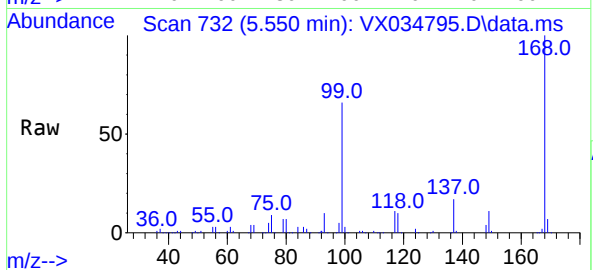
Tgt Ion: 75 Resp: 23904
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



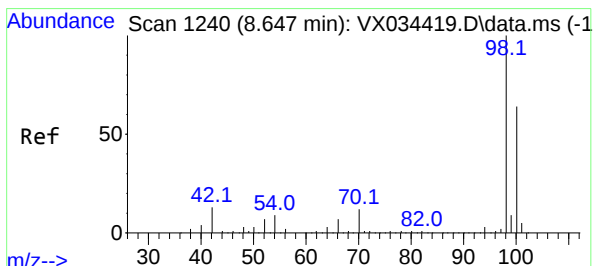
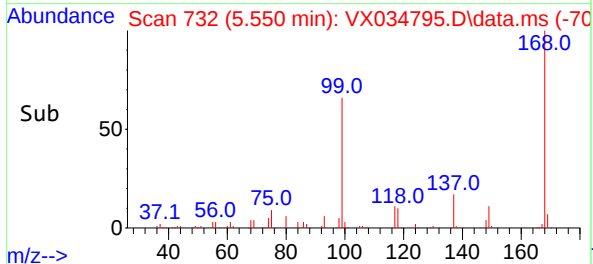
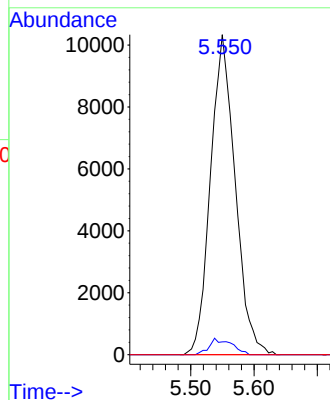


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
1161ME

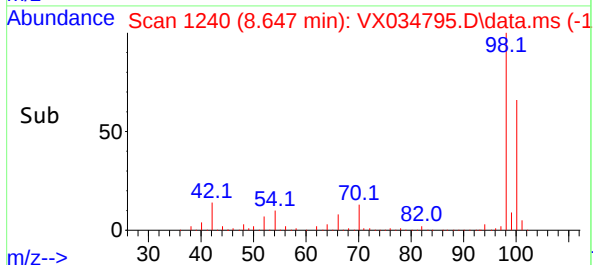
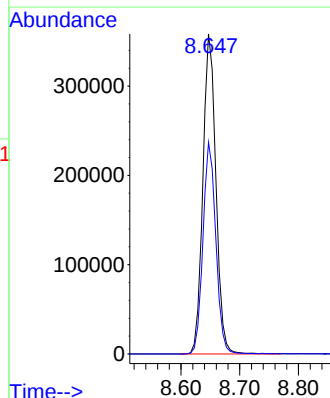
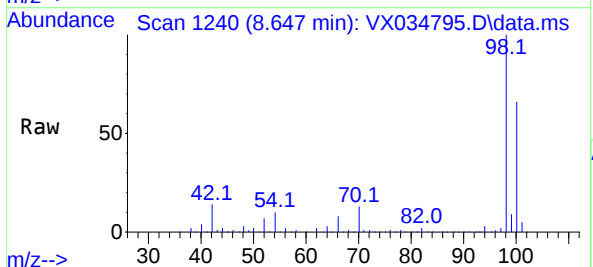


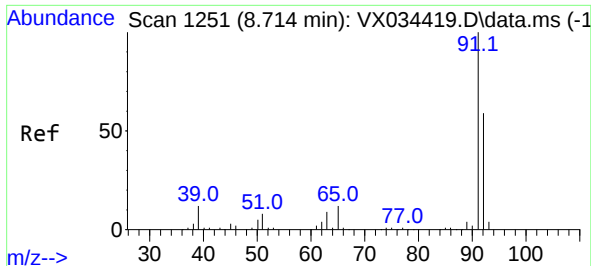
Tgt Ion:117 Resp: 27987
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 98 Resp: 551933
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

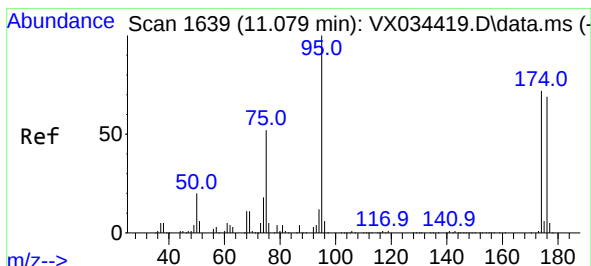
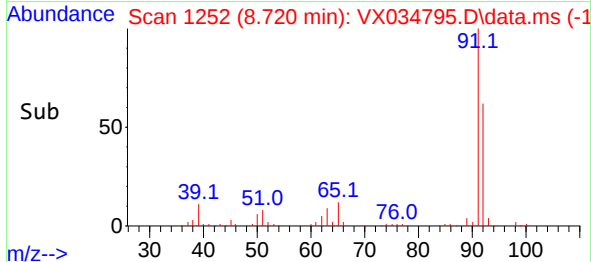
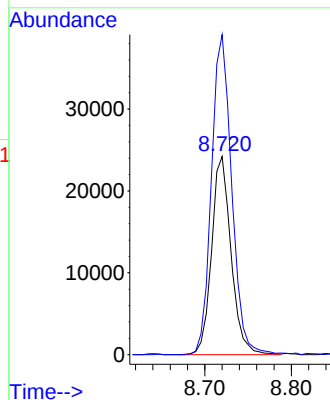
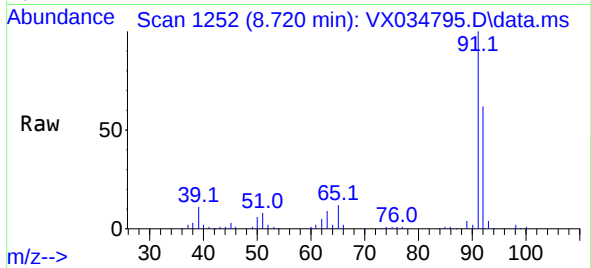




#52
Toluene
Concen: 4.517 ug/l
RT: 8.720 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

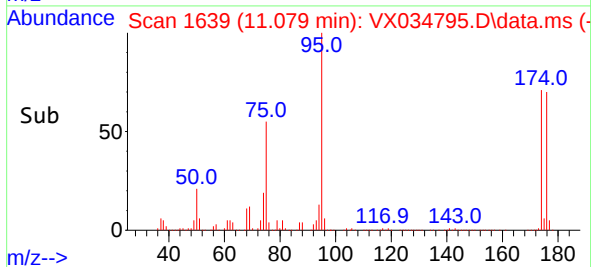
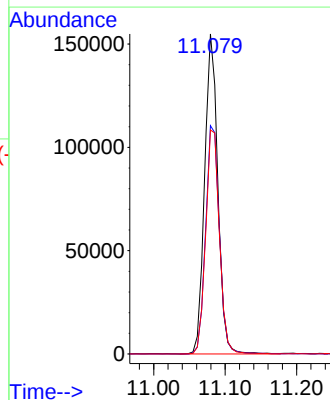
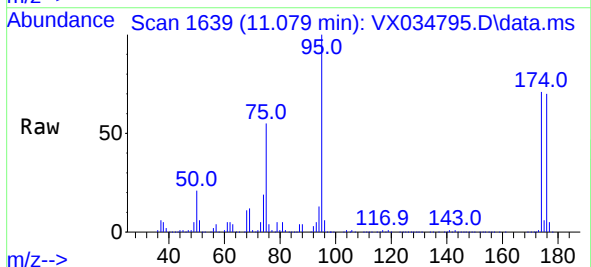
Instrument :
MSVOA_X
ClientSampleId :
1161ME

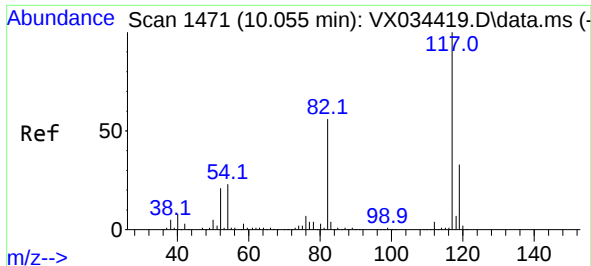
Tgt Ion: 92 Resp: 37792
Ion Ratio Lower Upper
92 100
91 168.6 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 43.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 95 Resp: 198789
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 73.1 0.0 140.6

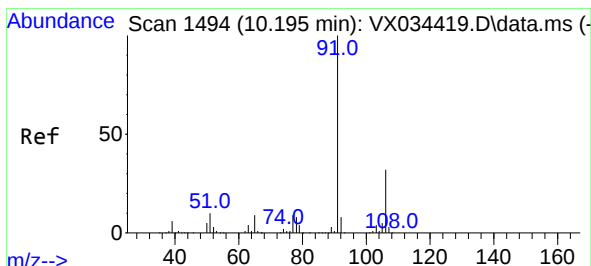
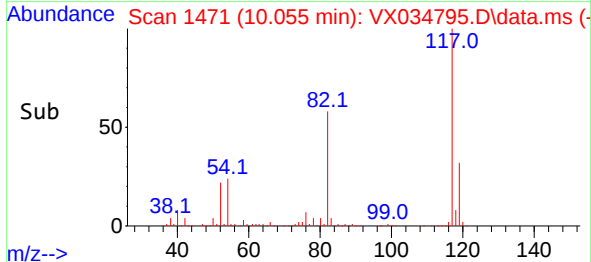
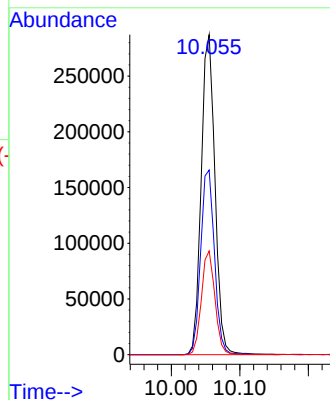
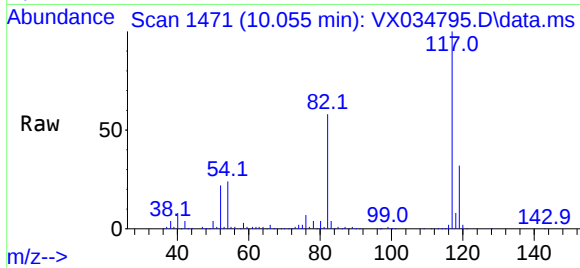




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

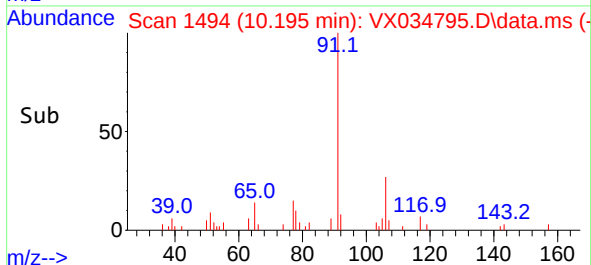
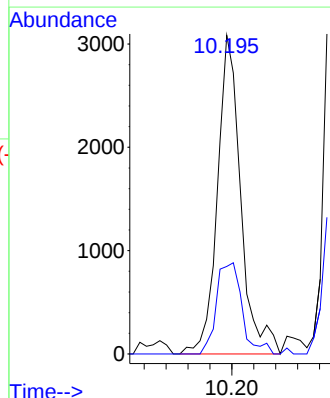
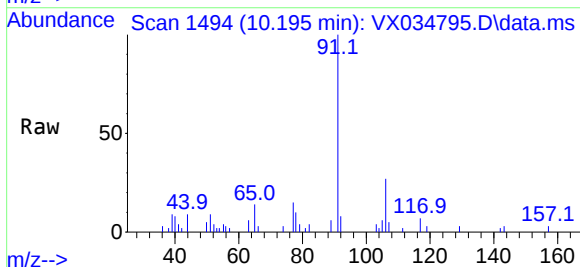
Instrument :
MSVOA_X
ClientSampleId :
1161ME

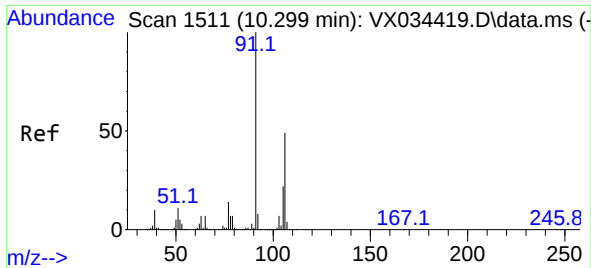
Tgt Ion:117 Resp: 401875
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.4 26.0 39.0



#67
Ethyl Benzene
Concen: 0.289 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 91 Resp: 4566
Ion Ratio Lower Upper
91 100
106 27.5 25.6 38.4

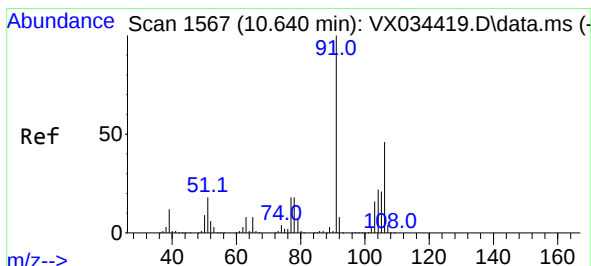
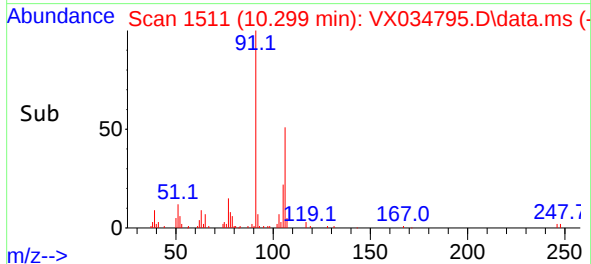
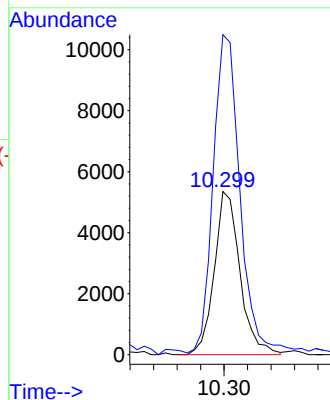
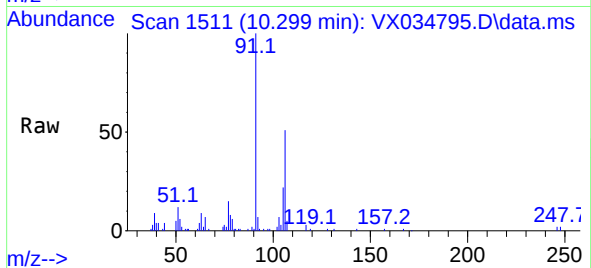




#68
m/p-Xylenes
Concen: 1.339 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

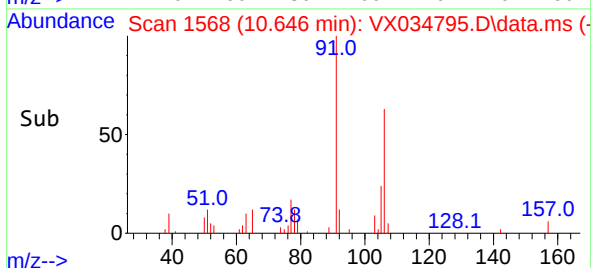
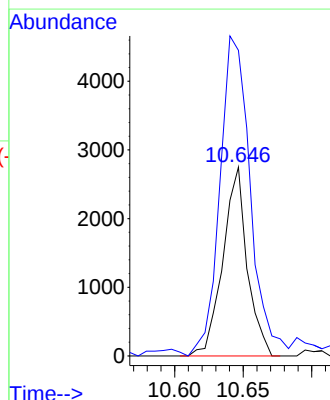
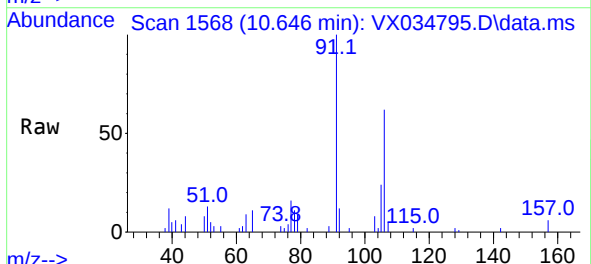
Instrument :
MSVOA_X
ClientSampleId :
1161ME

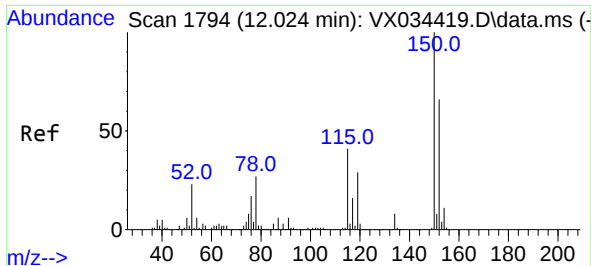
Tgt Ion:106 Resp: 8121
Ion Ratio Lower Upper
106 100
91 203.0 164.0 246.0



#69
o-Xylene
Concen: 0.557 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion:106 Resp: 3388
Ion Ratio Lower Upper
106 100
91 211.8 108.5 325.3

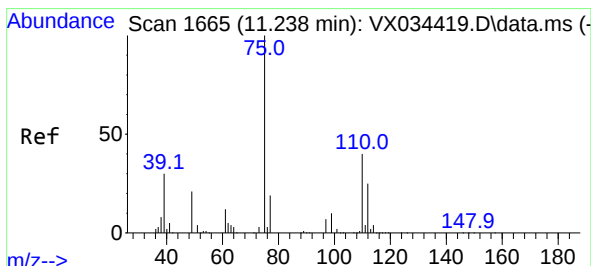
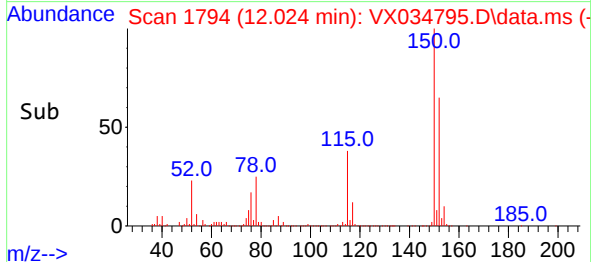
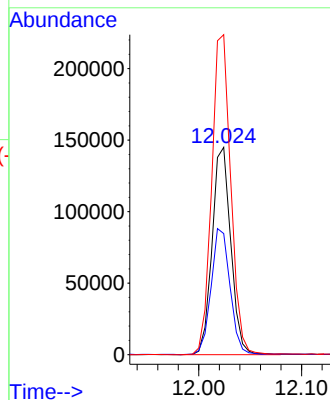
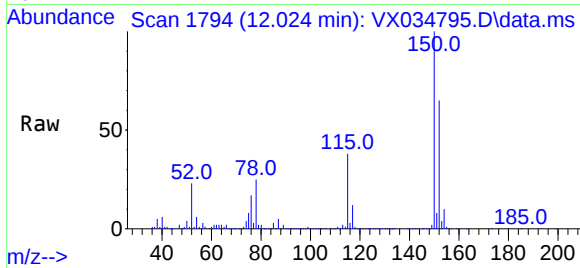




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034795.D
 Acq: 28 Mar 2023 16:04

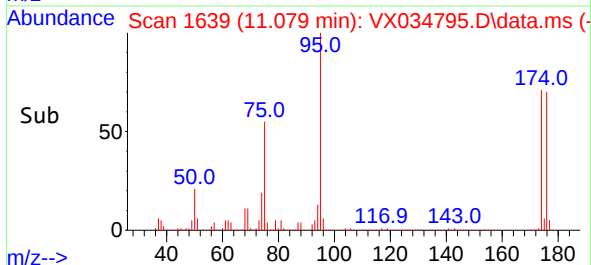
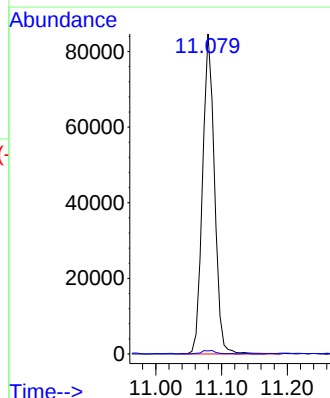
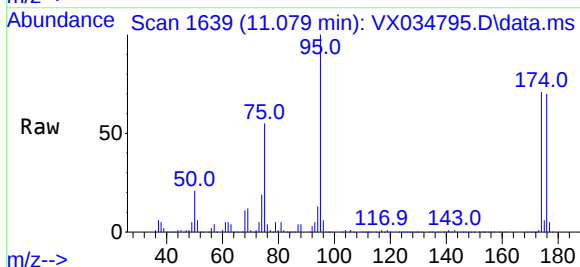
Instrument :
 MSVOA_X
 ClientSampleId :
 1161ME

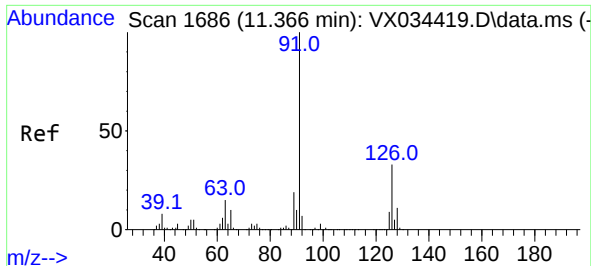
Tgt Ion:152 Resp: 183067
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.0 135.0
 150 157.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.457 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034795.D
 Acq: 28 Mar 2023 16:04

Tgt Ion: 75 Resp: 107005
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.6 64.8#





#79

2-Chlorotoluene

Concen: 0.211 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034795.D

Acq: 28 Mar 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

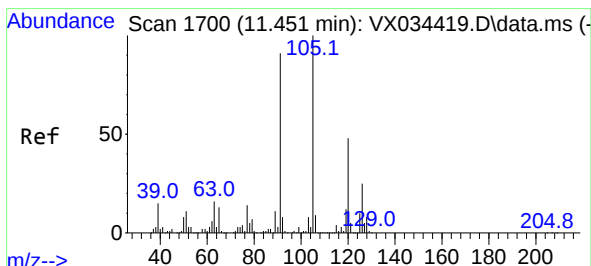
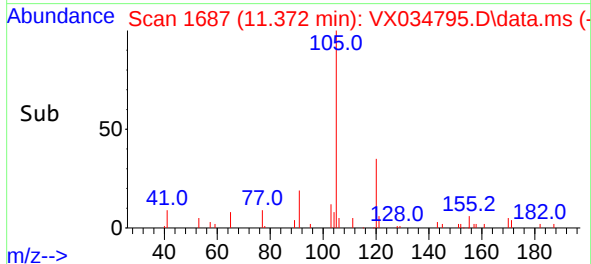
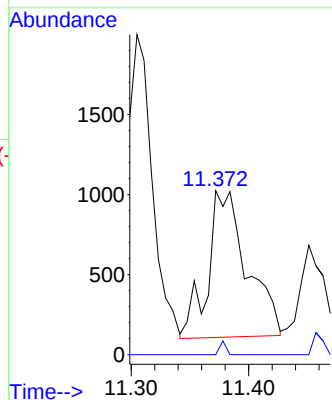
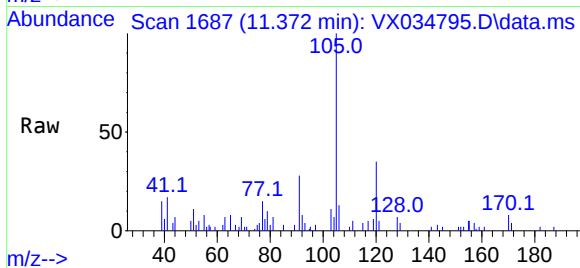
1161ME

Tgt Ion: 91 Resp: 2127

Ion Ratio Lower Upper

91 100

126 1.5 16.3 48.9#



#80

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034795.D

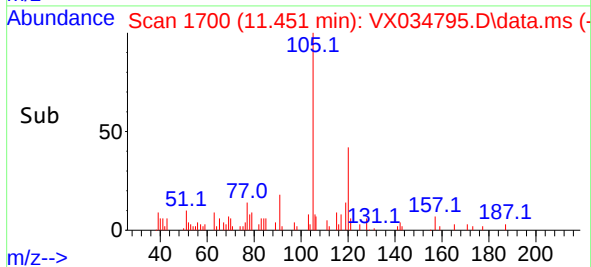
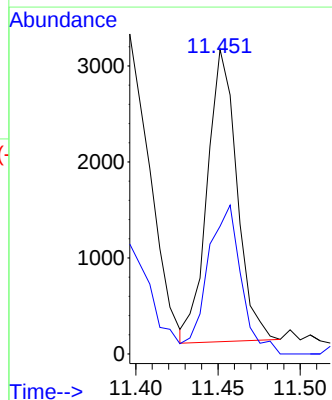
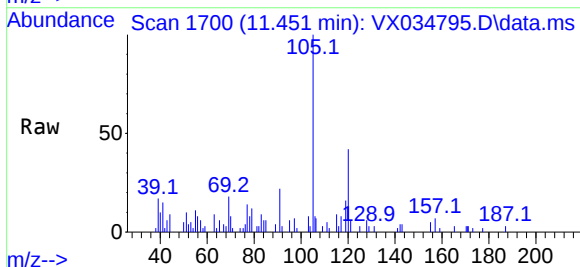
Acq: 28 Mar 2023 16:04

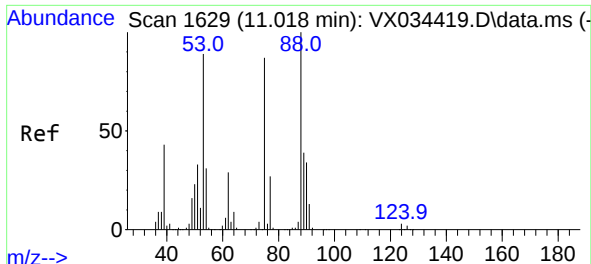
Tgt Ion: 105 Resp: 3827

Ion Ratio Lower Upper

105 100

120 57.3 23.7 71.1

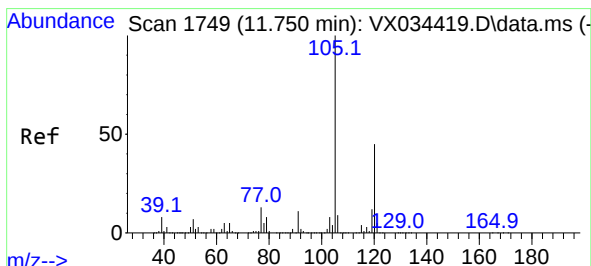
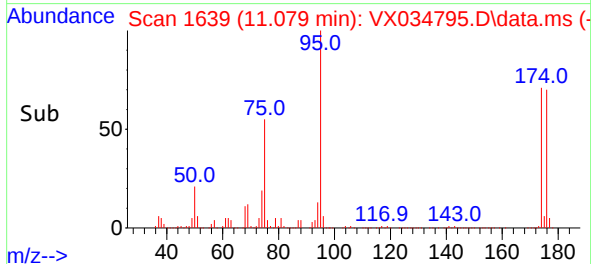
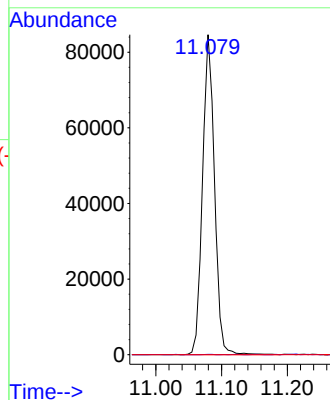
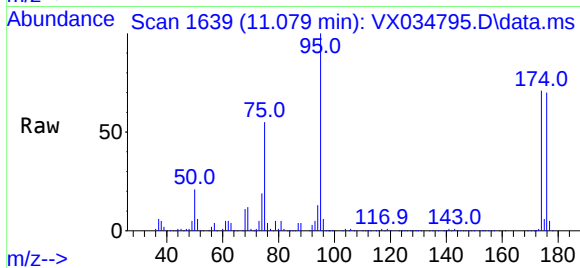




#81
trans-1,4-Dichloro-2-butene
Concen: 68.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

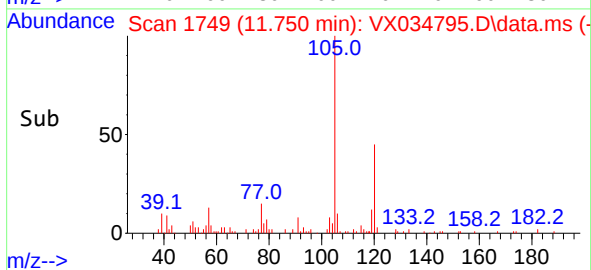
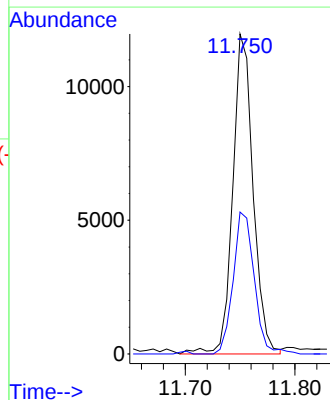
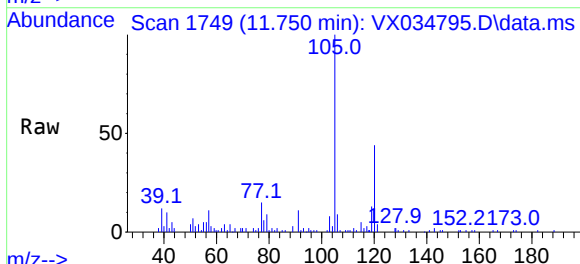
Instrument :
MSVOA_X
ClientSampleId :
1161ME

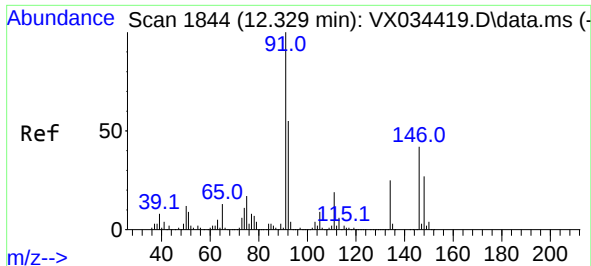
Tgt Ion: 75 Resp: 107005
Ion Ratio Lower Upper
75 100
53 0.1 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.269 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion: 105 Resp: 15394
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#89

n-Butylbenzene

Concen: 0.214 ug/l

RT: 12.329 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VX034795.D

Acq: 28 Mar 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

1161ME

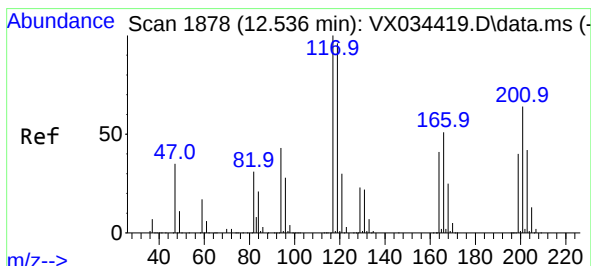
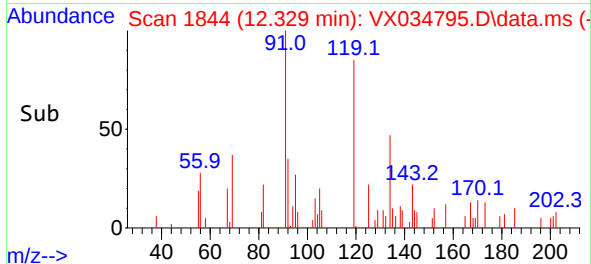
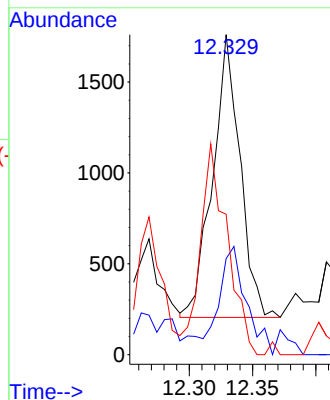
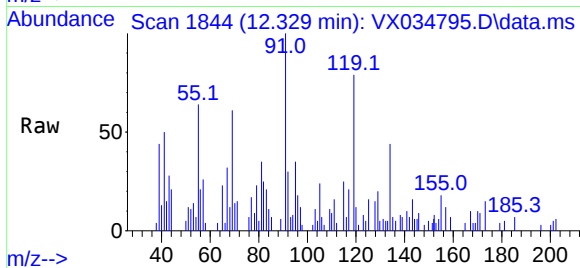
Tgt Ion: 91 Resp: 2339

Ion Ratio Lower Upper

91 100

92 37.2 27.7 83.0

134 73.3 13.0 38.9#



#90

Hexachloroethane

Concen: 0.208 ug/l

RT: 12.549 min Scan# 1880

Delta R.T. 0.012 min

Lab File: VX034795.D

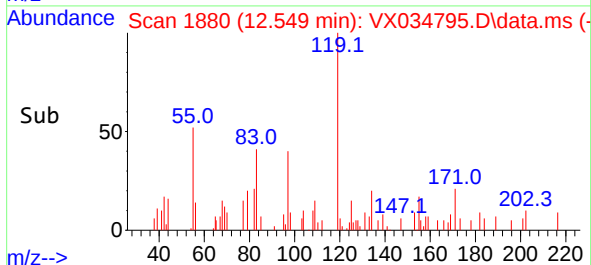
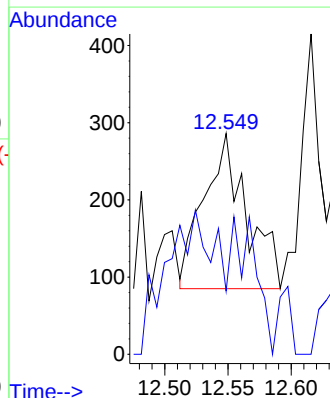
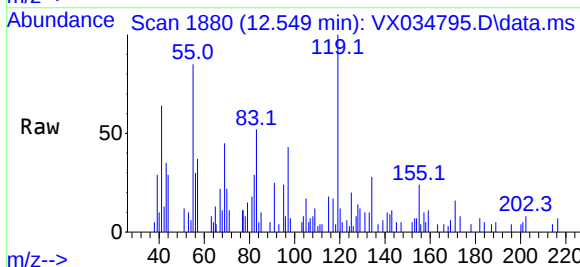
Acq: 28 Mar 2023 16:04

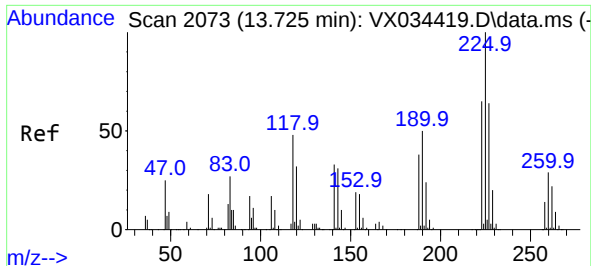
Tgt Ion: 117 Resp: 474

Ion Ratio Lower Upper

117 100

201 48.5 34.4 103.1

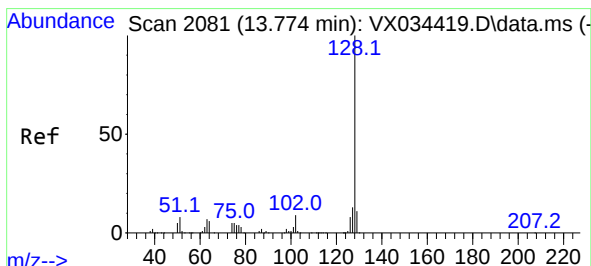
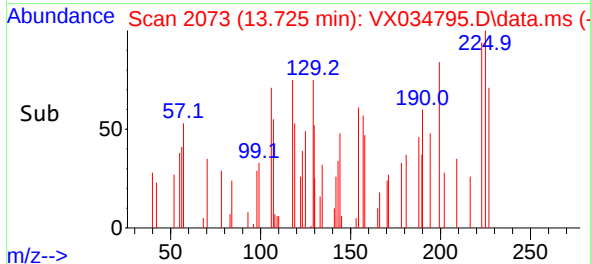
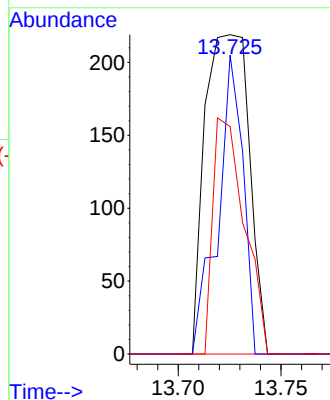
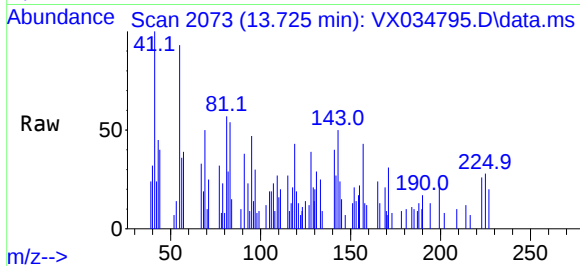




#94
Hexachlorobutadiene
Concen: 0.204 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
1161ME

Tgt Ion:	225	Resp:	330
Ion	Ratio	Lower	Upper
225	100		
223	52.7	32.1	96.5
227	52.4	31.8	95.4



#95
Naphthalene
Concen: 0.225 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034795.D
Acq: 28 Mar 2023 16:04

Tgt Ion:	128	Resp:	3036
Ion	Ratio	Lower	Upper
128	100		
127	23.2	10.2	15.4#
129	14.4	8.6	13.0#

