

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031584.D
 Acq On : 22 Sep 2022 20:38
 Operator : JC/MD
 Sample : N4751-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-9-21-22

Quant Time: Sep 23 01:51:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

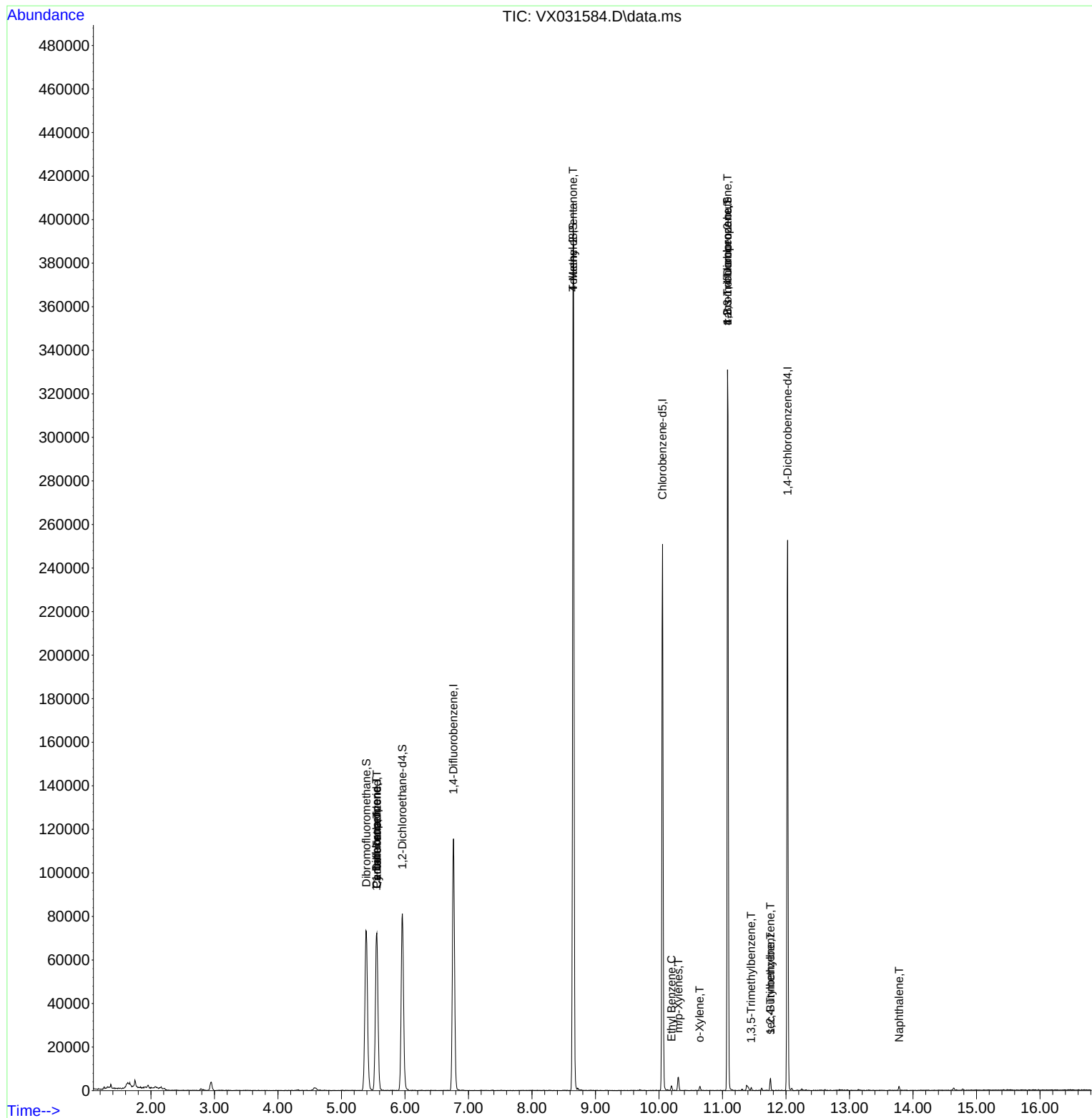
Internal Standards						
1) Pentafluorobenzene	5.556	168	71555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71631	54.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.160%			
35) Dibromofluoromethane	5.391	113	60840	49.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.040%			
50) Toluene-d8	8.647	98	234750	49.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	72881	44.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.980%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	131	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2269	Below Cal	#	73
16) Acetone	2.404	43	170	Below Cal	#	45
20) Methylene Chloride	2.788	84	338	Below Cal	#	69
31) Cyclohexane	5.556	56	1650	0.848	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	5646	2.959	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6908	3.266	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1110	0.493	ug/l #	1
67) Ethyl Benzene	10.195	91	1475	0.253	ug/l	97
68) m/p-Xylenes	10.305	106	1583	0.676	ug/l	99
69) o-Xylene	10.640	106	462	0.207	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.079	83	151	Below Cal	#	8
76) 1,2,3-Trichloropropane	11.079	75	41692	37.701	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.451	105	820	0.261	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	41692	121.392	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.756	105	2560	0.828	ug/l	99
85) sec-Butylbenzene	11.756	105	2560	0.665	ug/l #	56
95) Naphthalene	13.780	128	1598	0.450	ug/l #	94

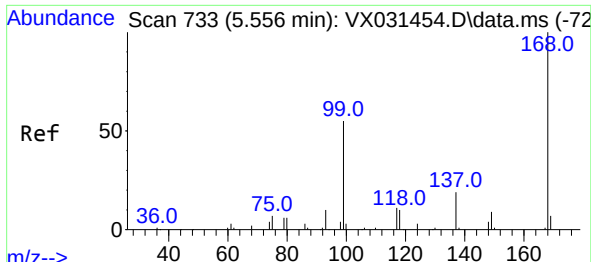
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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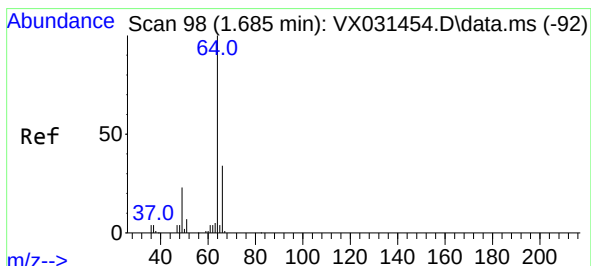
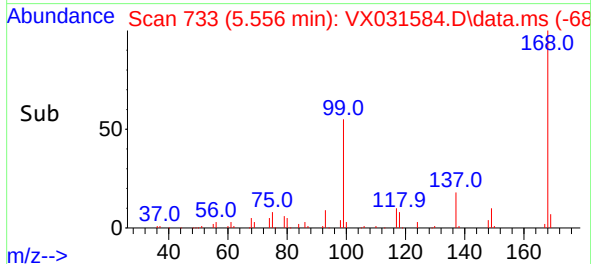
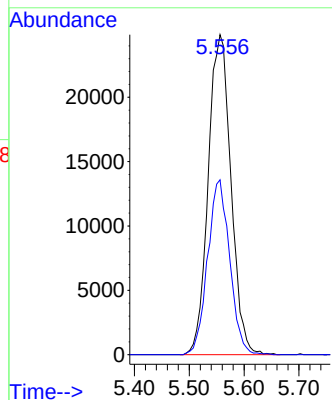
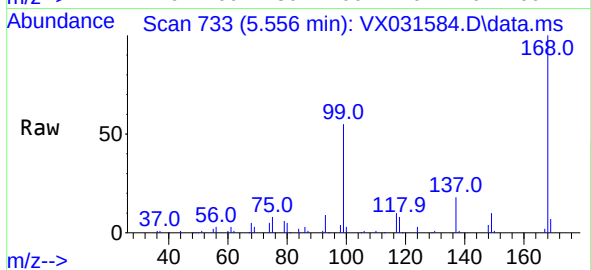




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

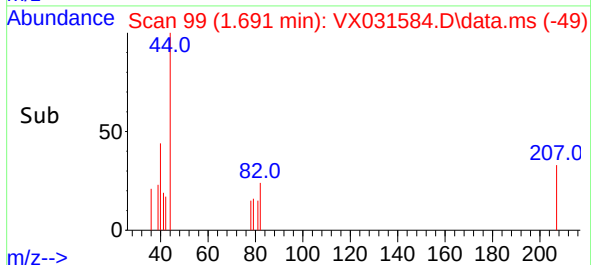
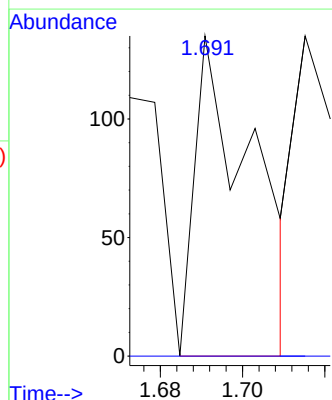
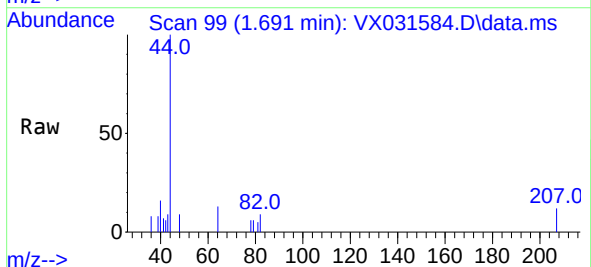
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

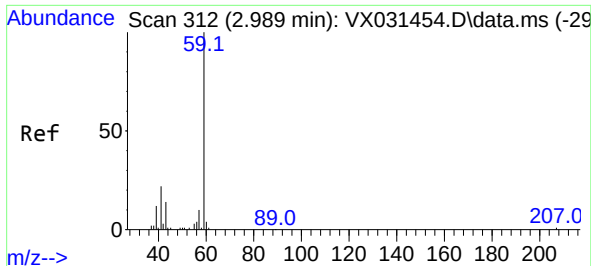
Tgt Ion:168 Resp: 71555
Ion Ratio Lower Upper
168 100
99 54.6 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

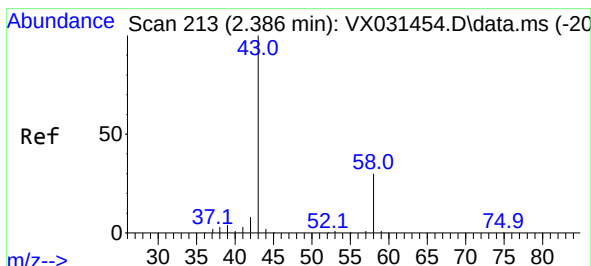
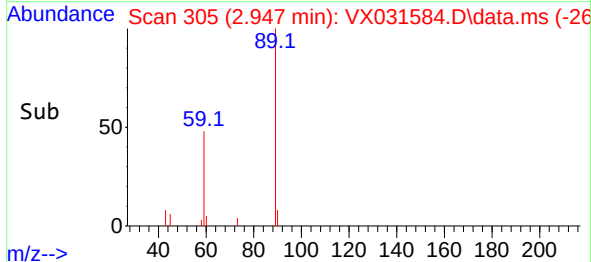
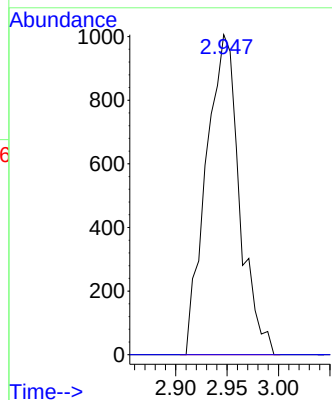
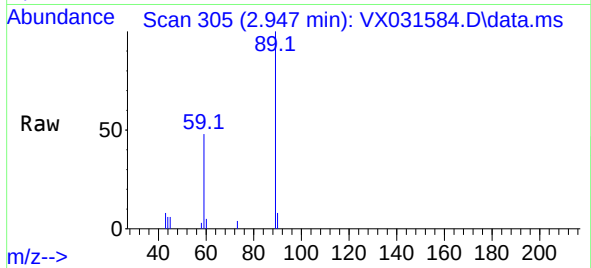




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

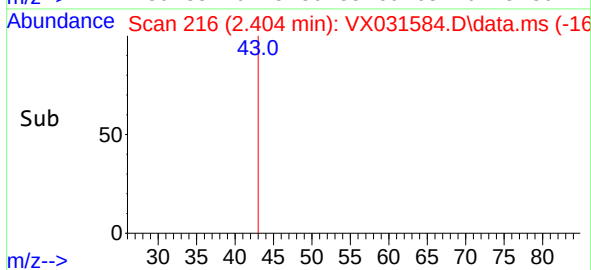
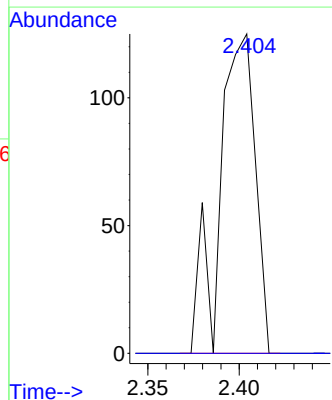
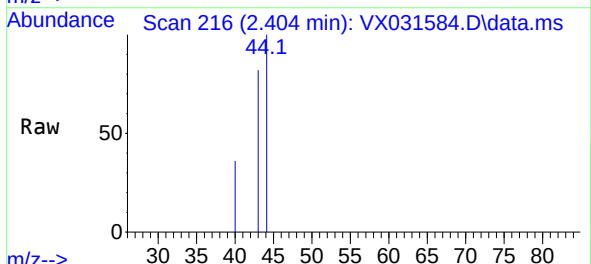
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

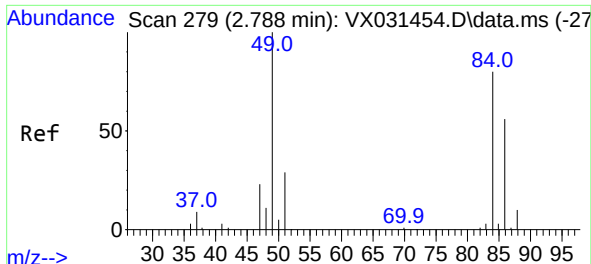
Tgt Ion: 59 Resp: 2269
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



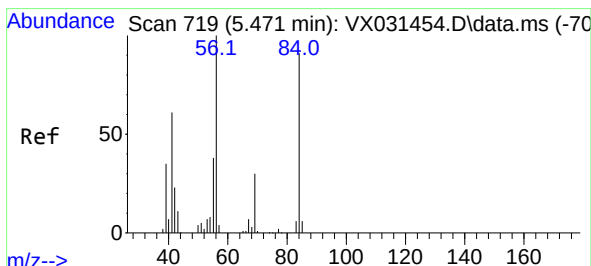
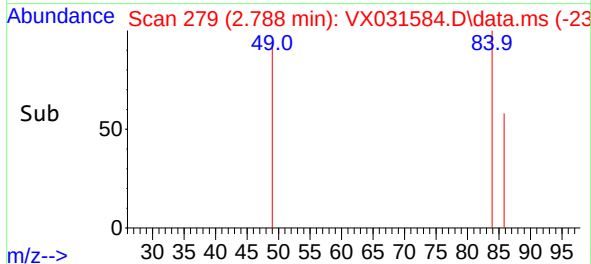
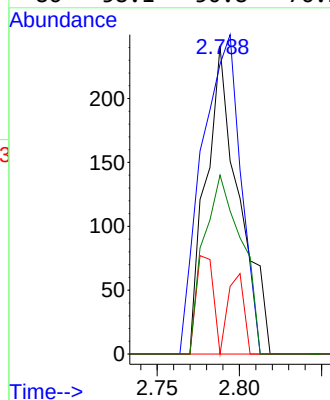
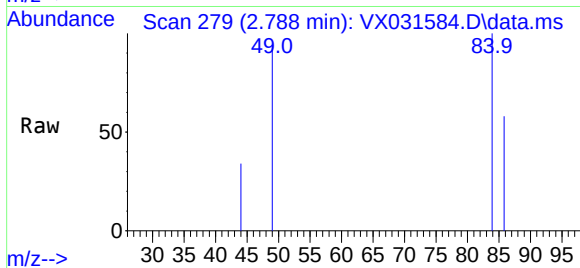


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

Tgt Ion: 84 Resp: 338

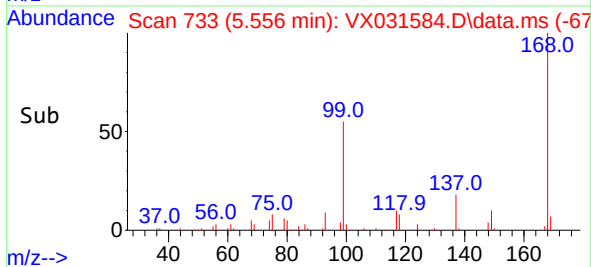
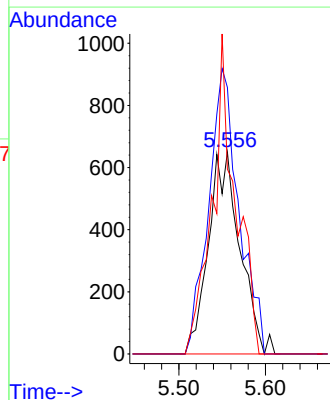
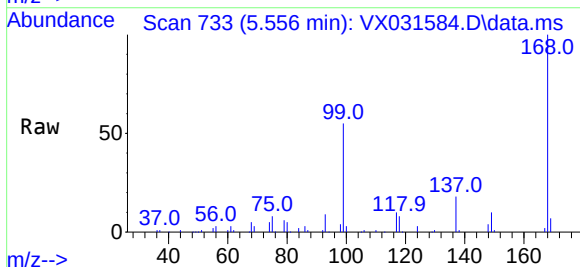
Ion	Ratio	Lower	Upper
84	100		
49	94.2	105.9	158.9#
51	0.0	32.2	48.2#
86	58.1	50.8	76.2

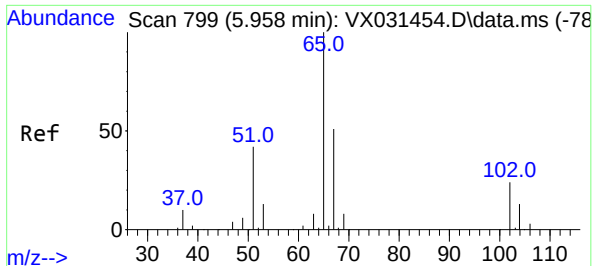


#31
Cyclohexane
Concen: 0.848 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 56 Resp: 1650

Ion	Ratio	Lower	Upper
56	100		
69	132.0	25.1	37.7#
84	91.5	70.2	105.4

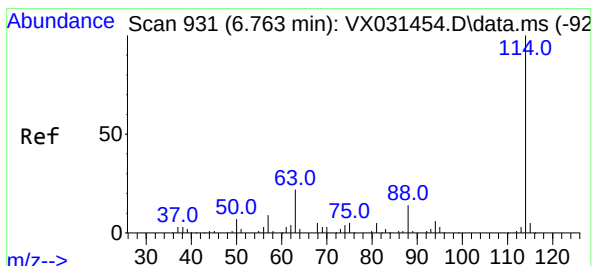
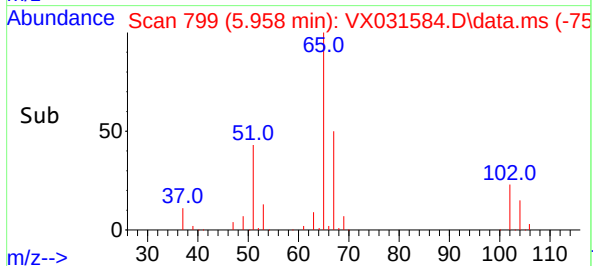
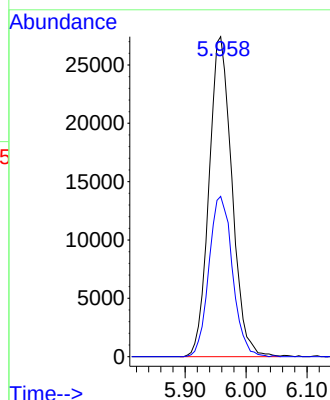
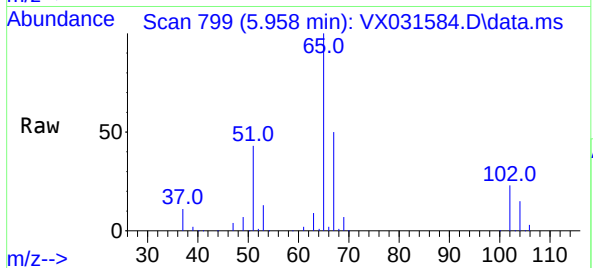




#33
1,2-Dichloroethane-d4
Concen: 54.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

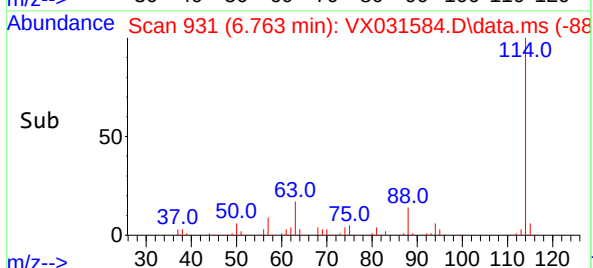
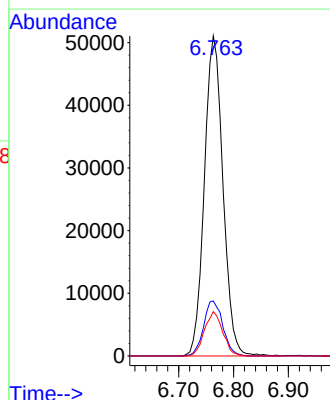
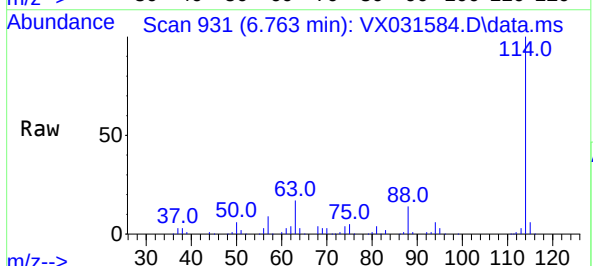
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

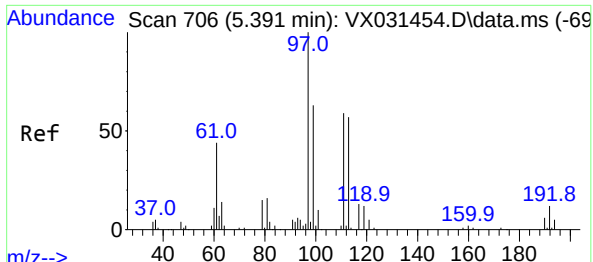
Tgt Ion: 65 Resp: 71631
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 114 Resp: 120046
Ion Ratio Lower Upper
114 100
63 17.2 0.0 42.6
88 13.8 0.0 33.0

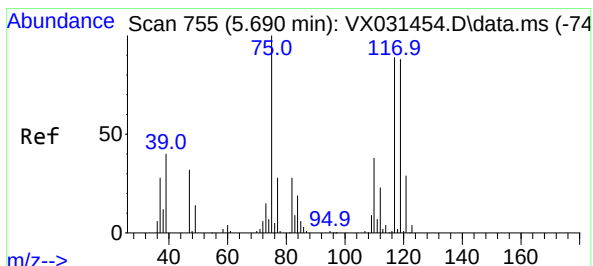
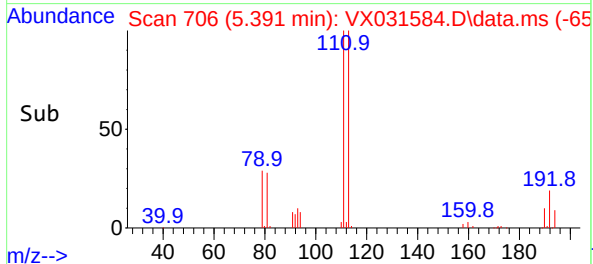
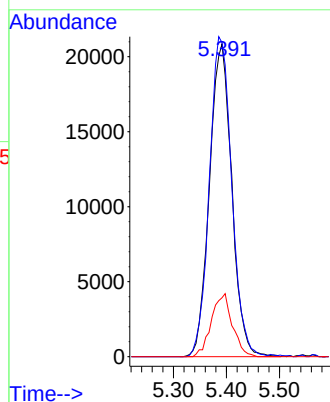
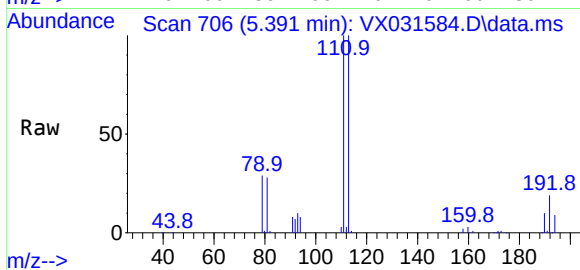




#35
Dibromofluoromethane
Concen: 49.019 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

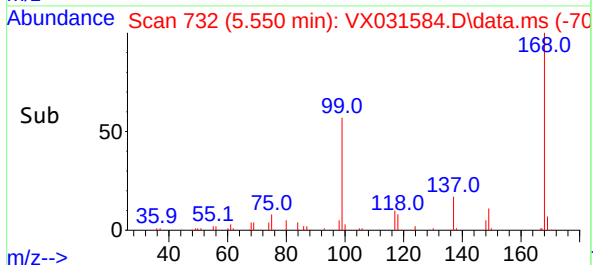
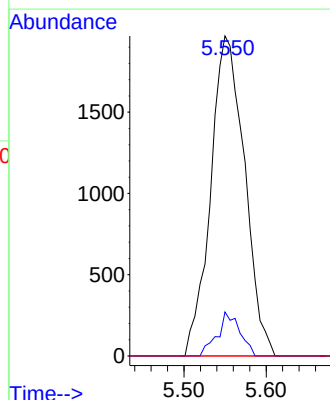
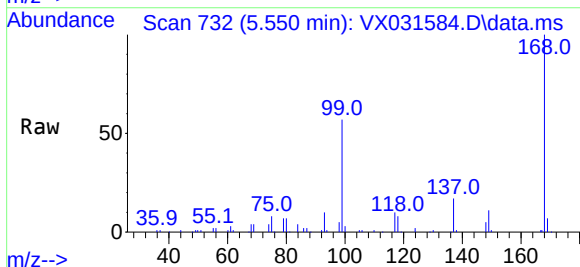
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

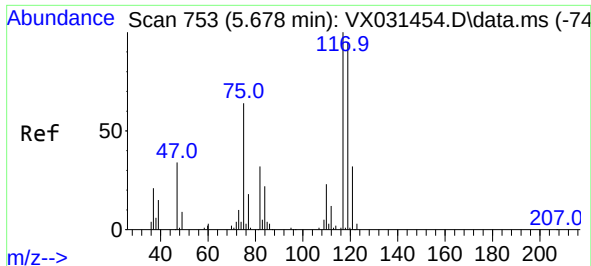
Tgt Ion:	113	Resp:	60840
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	19.0	14.1	21.1



#36
1,1-Dichloropropene
Concen: 2.959 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion:	75	Resp:	5646
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	24.9	37.3#

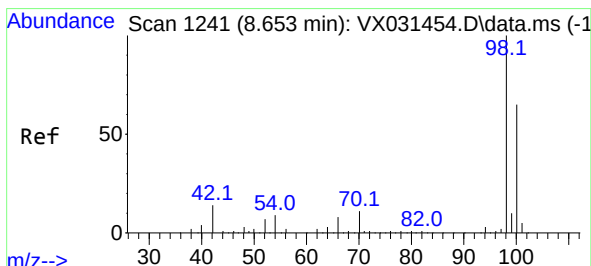
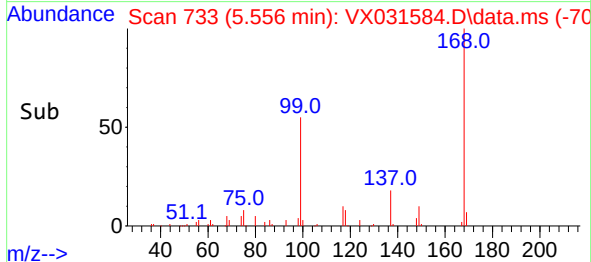
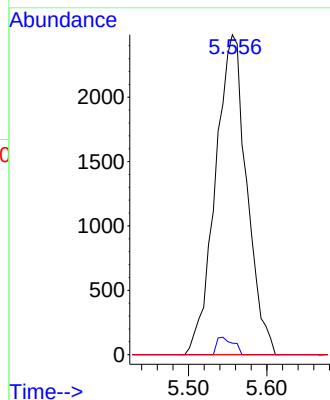
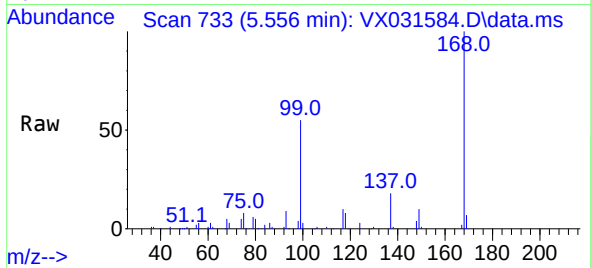




#38
Carbon Tetrachloride
Concen: 3.266 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

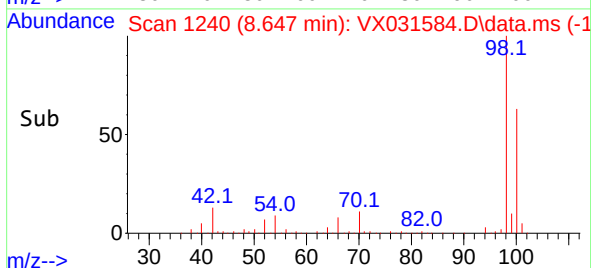
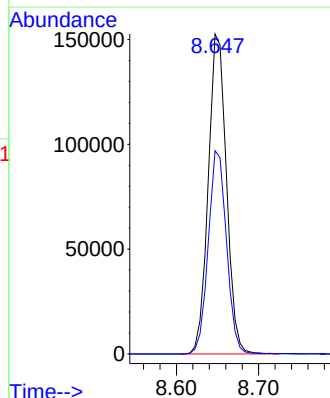
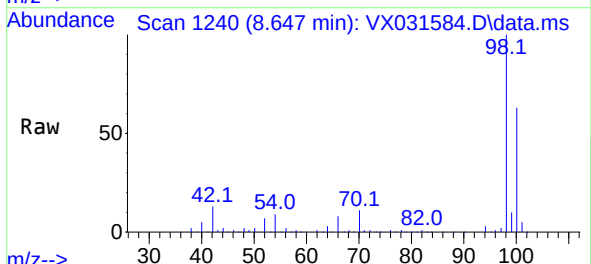
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MSVOA_X
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FB-9-21-22

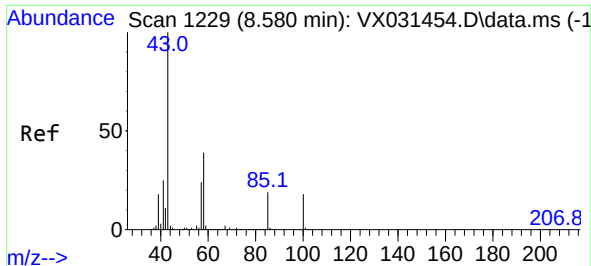
Tgt Ion:117 Resp: 6908
Ion Ratio Lower Upper
117 100
119 3.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.083 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 98 Resp: 234750
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.493 ug/l

RT: 8.647 min Scan# 1110

Delta R.T. 0.067 min

Lab File: VX031584.D

Acq: 22 Sep 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

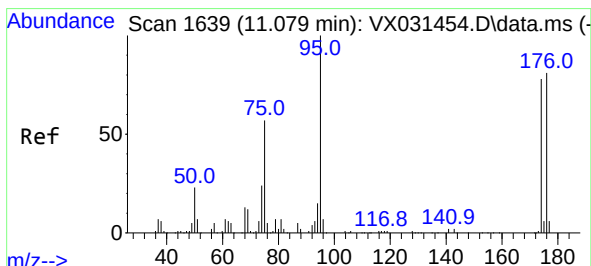
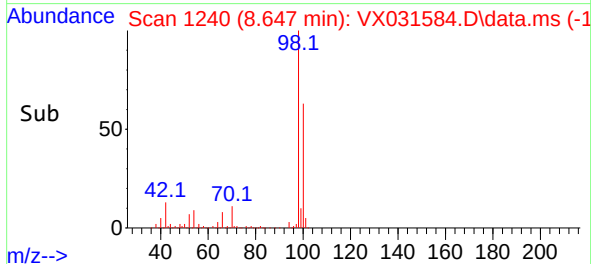
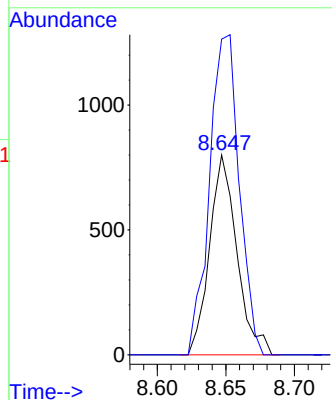
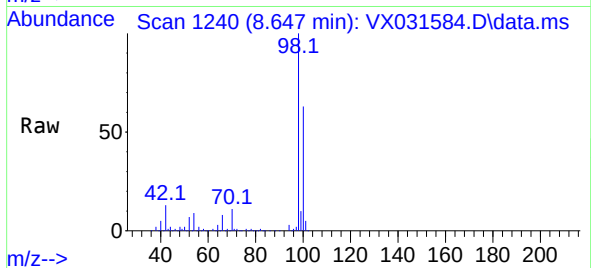
FB-9-21-22

Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

58 174.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.987 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031584.D

Acq: 22 Sep 2022 20:38

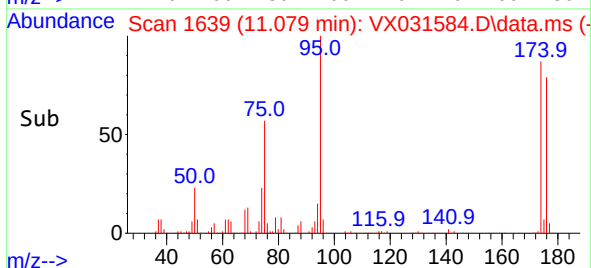
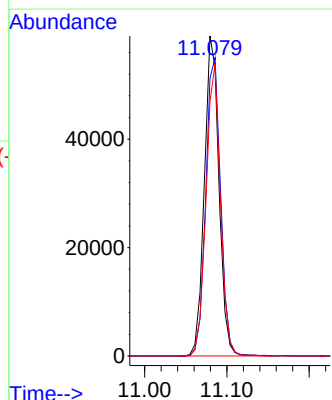
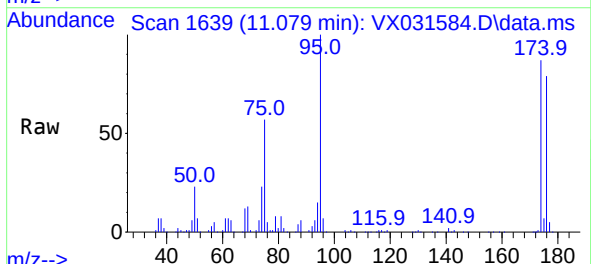
Tgt Ion: 95 Resp: 72881

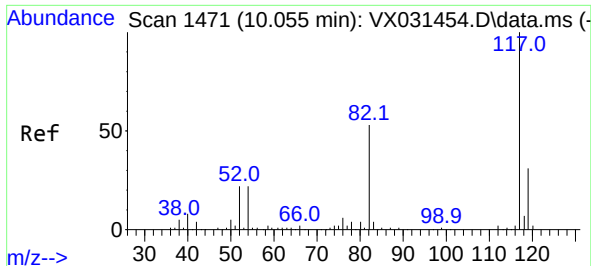
Ion Ratio Lower Upper

95 100

174 94.6 0.0 153.2

176 89.8 0.0 144.0

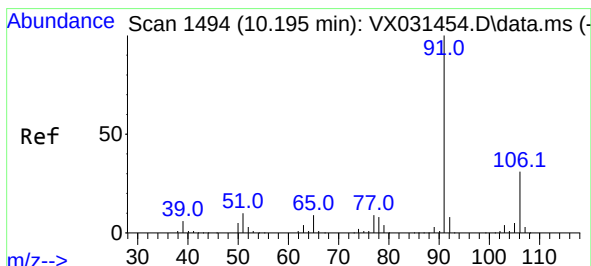
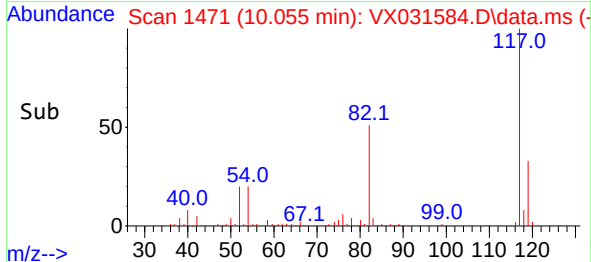
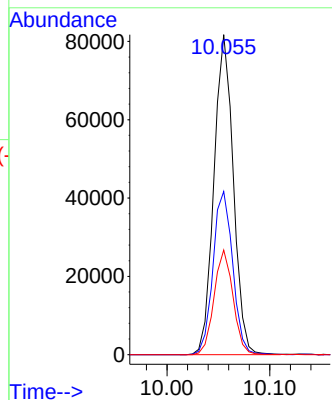
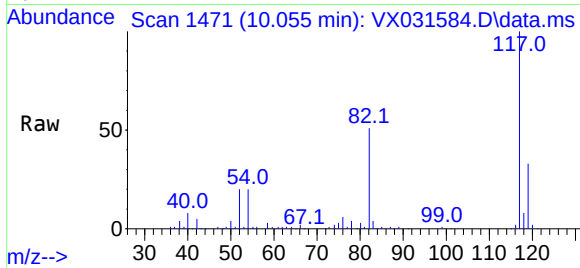




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

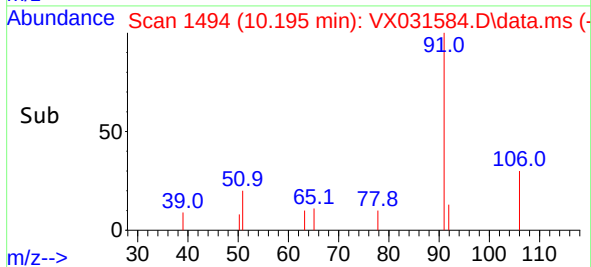
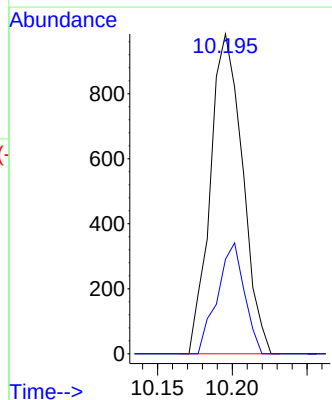
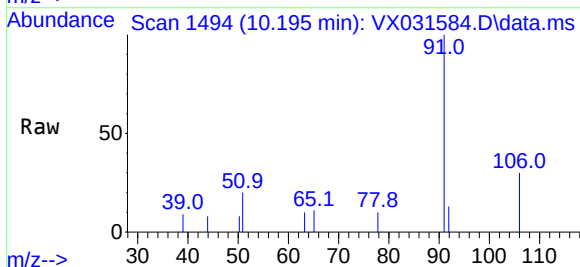
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

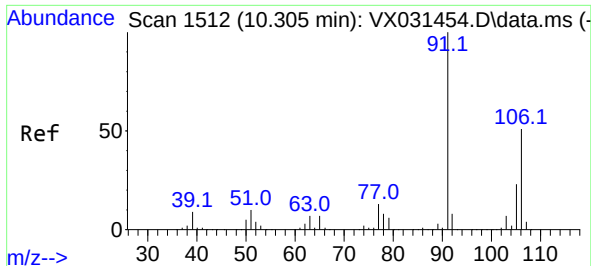
Tgt Ion:117 Resp: 106950
Ion Ratio Lower Upper
117 100
82 51.0 46.8 70.2
119 32.7 26.4 39.6



#67
Ethyl Benzene
Concen: 0.253 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 91 Resp: 1475
Ion Ratio Lower Upper
91 100
106 29.6 25.2 37.8

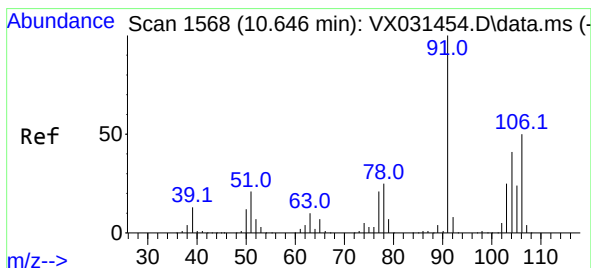
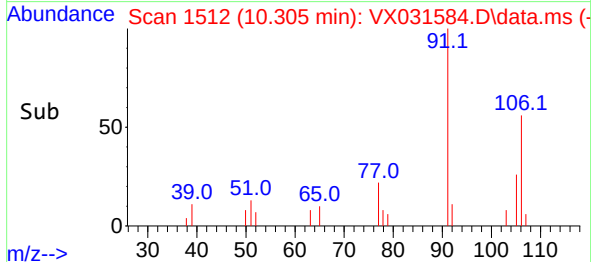
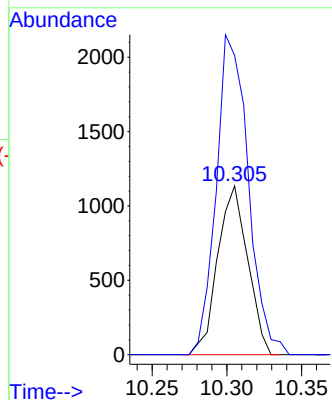
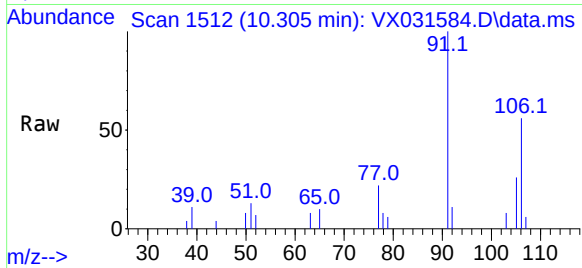




#68
m/p-Xylenes
Concen: 0.676 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

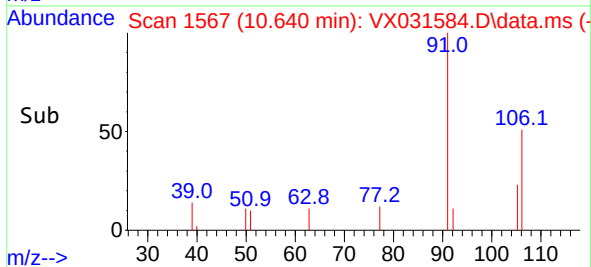
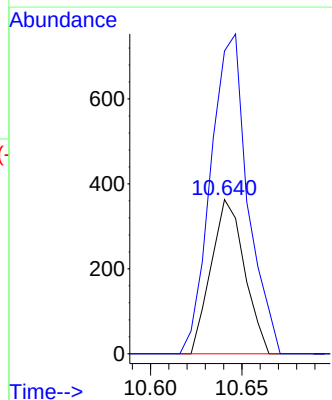
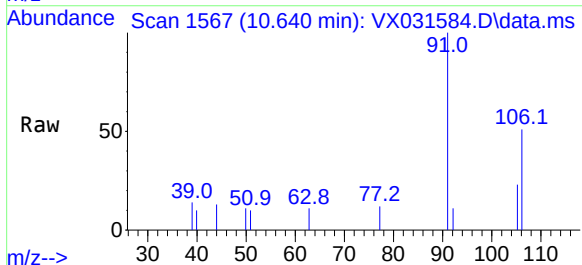
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

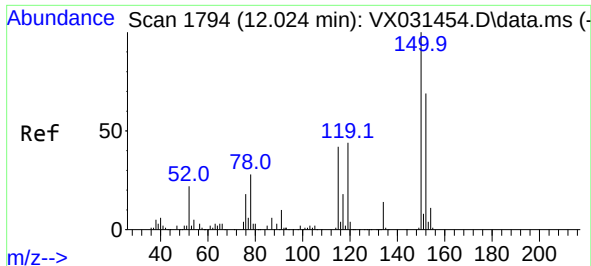
Tgt Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 202.3 161.0 241.4



#69
o-Xylene
Concen: 0.207 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion:106 Resp: 462
Ion Ratio Lower Upper
106 100
91 230.5 107.2 321.6

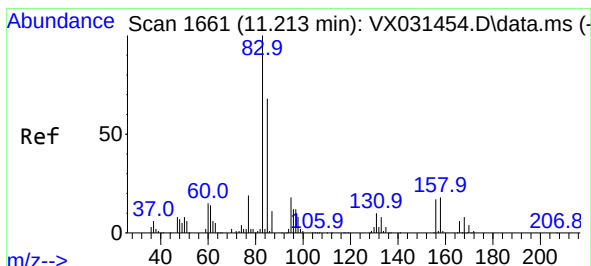
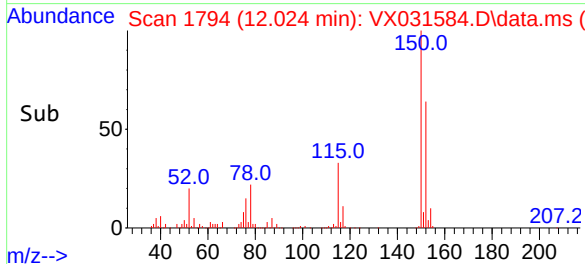
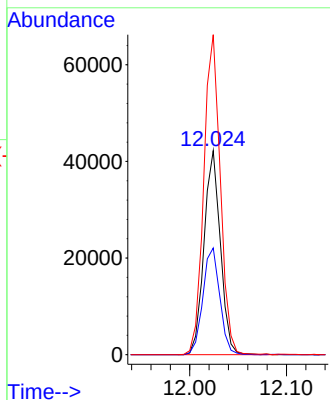
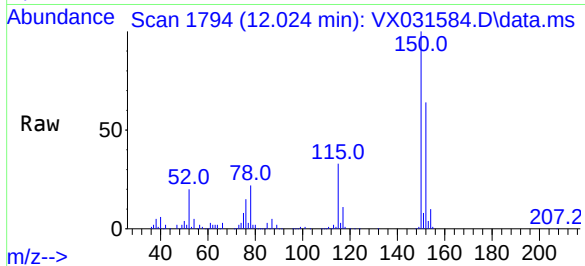




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031584.D
 Acq: 22 Sep 2022 20:38

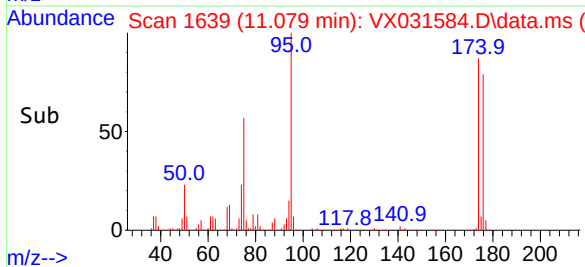
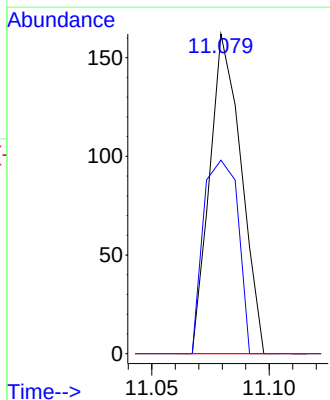
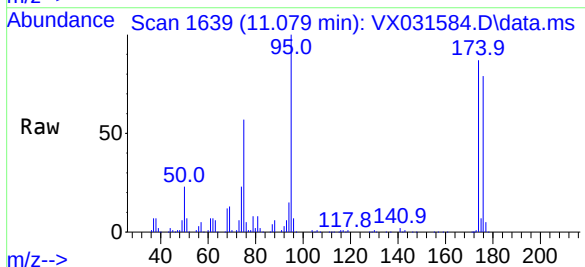
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-9-21-22

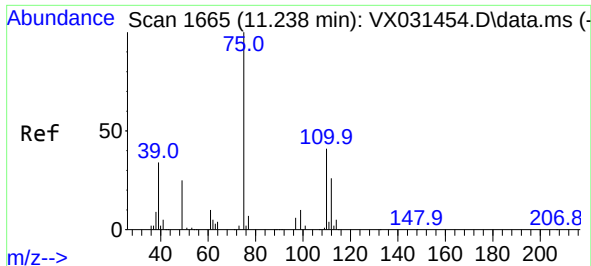
Tgt Ion:152 Resp: 49548
 Ion Ratio Lower Upper
 152 100
 115 54.1 43.4 130.1
 150 159.1 0.0 346.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.134 min
 Lab File: VX031584.D
 Acq: 22 Sep 2022 20:38

Tgt Ion: 83 Resp: 151
 Ion Ratio Lower Upper
 83 100
 131 66.2 5.1 15.4#
 85 0.0 32.6 97.8#

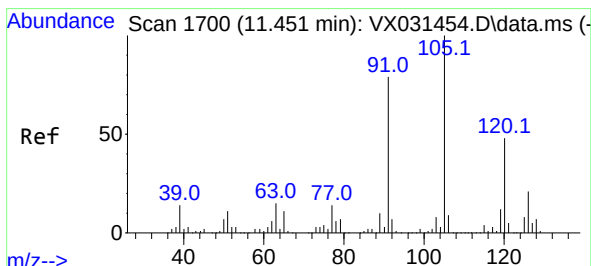
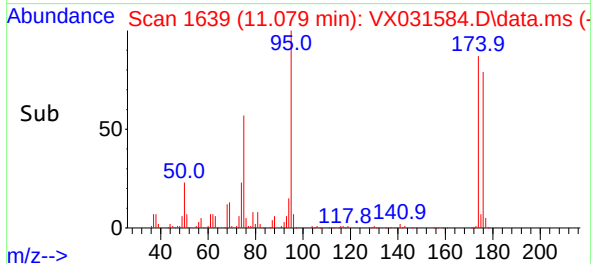
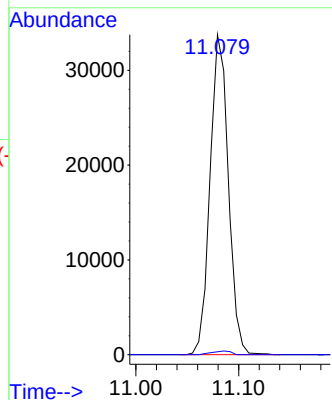
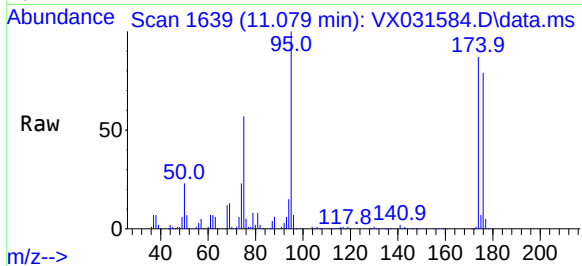




#76
1,2,3-Trichloropropane
Concen: 37.701 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

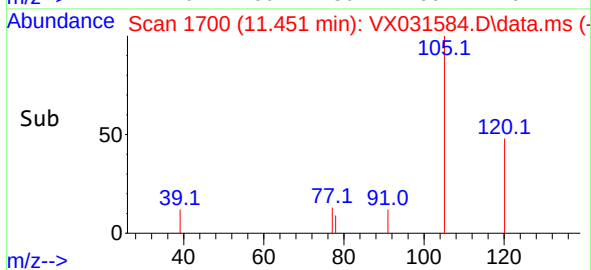
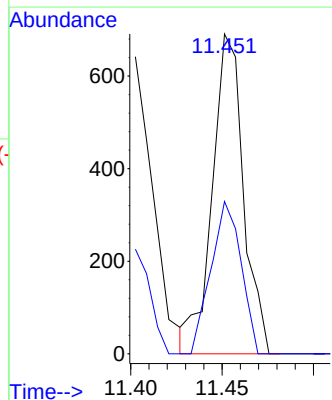
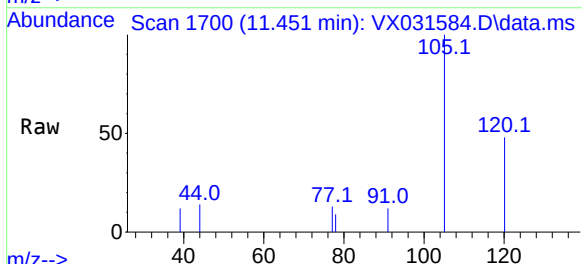
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

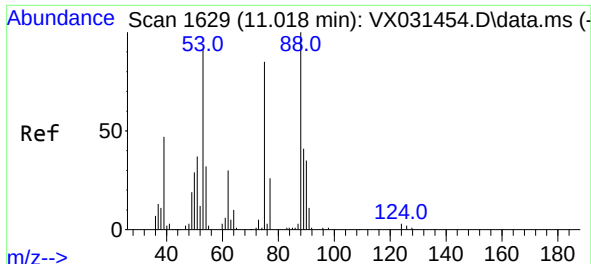
Tgt Ion: 75 Resp: 41692
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 105 Resp: 820
Ion Ratio Lower Upper
105 100
120 46.1 24.5 73.5

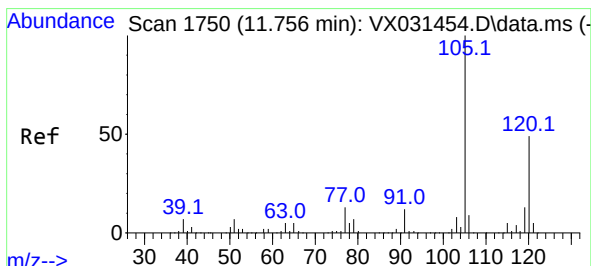
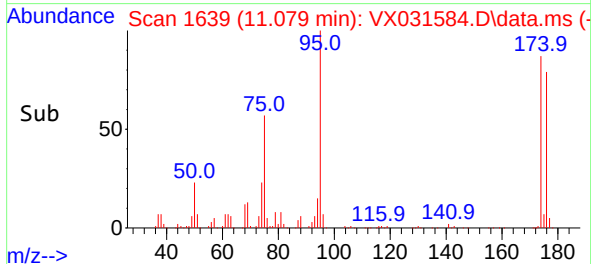
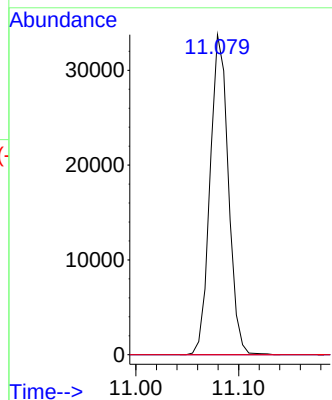
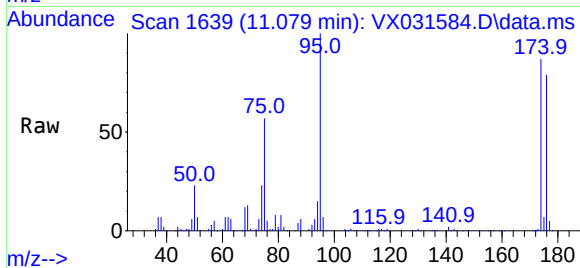




#81
trans-1,4-Dichloro-2-butene
Concen: 121.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

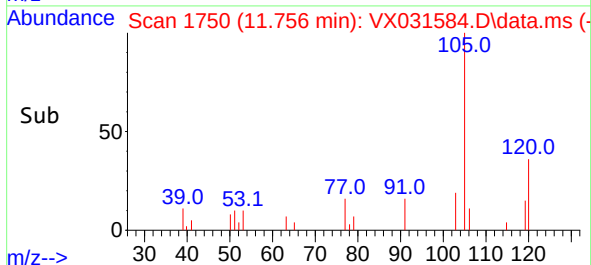
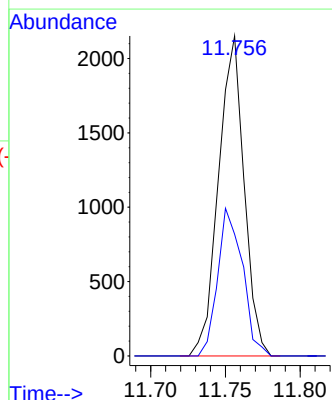
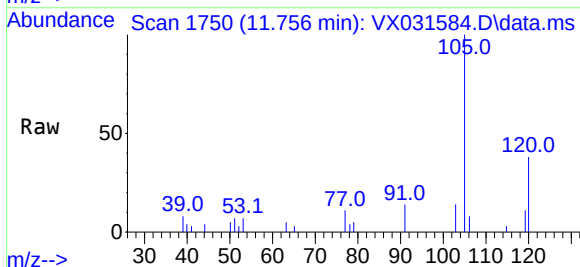
Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

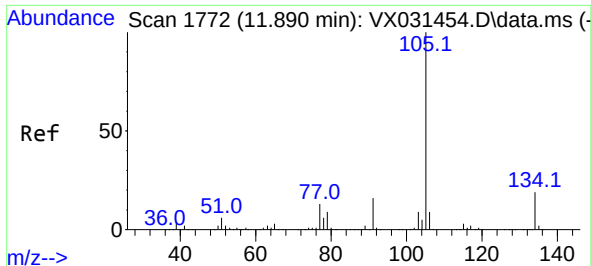
Tgt Ion: 75 Resp: 41692
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#84
1,2,4-Trimethylbenzene
Concen: 0.828 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion: 105 Resp: 2560
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8

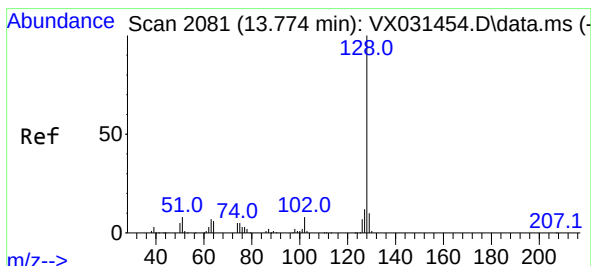
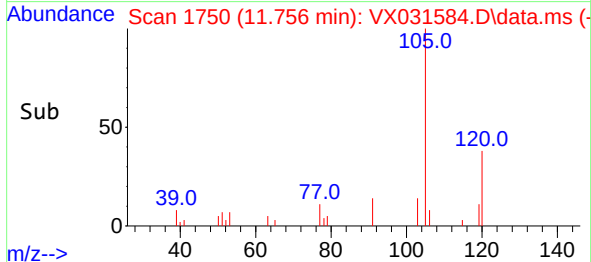
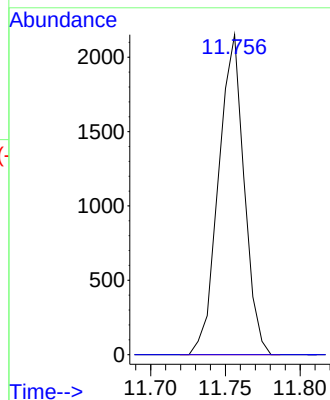
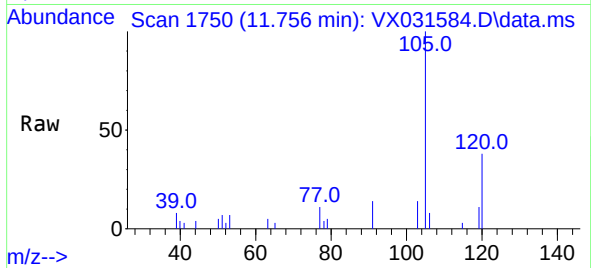




#85
sec-Butylbenzene
Concen: 0.665 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.134 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
FB-9-21-22

Tgt Ion:105 Resp: 2560
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#



#95
Naphthalene
Concen: 0.450 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031584.D
Acq: 22 Sep 2022 20:38

Tgt Ion:128 Resp: 1598
Ion Ratio Lower Upper
128 100
127 11.0 10.4 15.6
129 8.6 8.8 13.2#

