

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027649.D
 Acq On : 23 Mar 2022 06:05
 Operator : JC/MD
 Sample : N2028-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031722

Quant Time: Mar 23 07:45:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

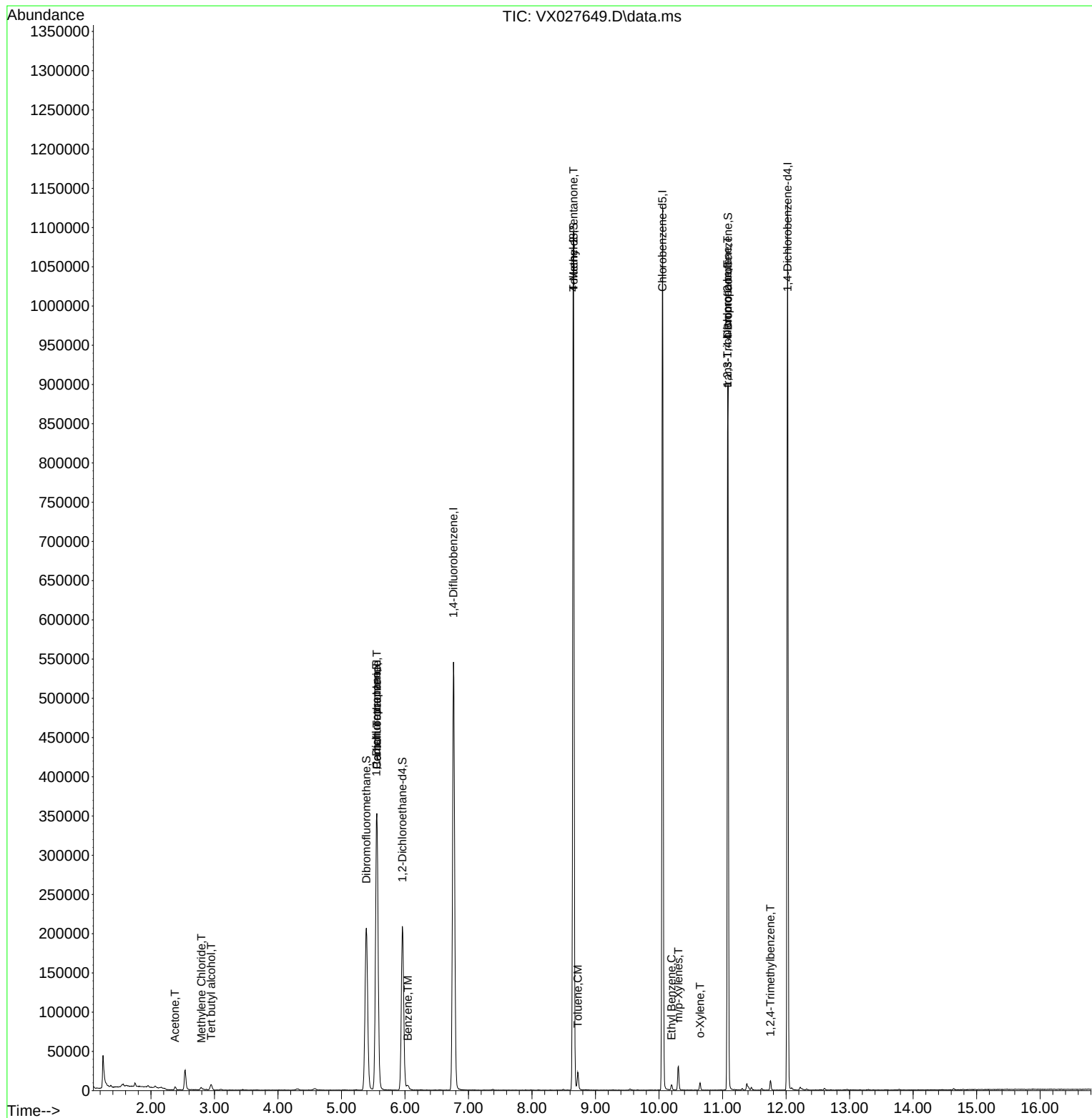
Internal Standards						
1) Pentafluorobenzene	5.556	168	352449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	586394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205138	47.247	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.500%		
35) Dibromofluoromethane	5.391	113	183880	48.739	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.480%		
50) Toluene-d8	8.653	98	682082	47.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.085	95	245313	46.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.500%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	558	Below Cal		93
11) Tert butyl alcohol	2.947	59	4361	5.270 ug/l #		72
16) Acetone	2.380	43	4049	2.288 ug/l		93
20) Methylene Chloride	2.794	84	1121	0.295 ug/l #		77
36) 1,1-Dichloropropene	5.550	75	24708	4.792 ug/l #		49
38) Carbon Tetrachloride	5.556	117	34854	5.909 ug/l #		15
40) Benzene	6.044	78	6605	0.447 ug/l		97
51) 4-Methyl-2-Pentanone	8.653	43	2499	0.473 ug/l #		1
52) Toluene	8.720	92	8752	0.883 ug/l		99
67) Ethyl Benzene	10.195	91	4551	0.247 ug/l		95
68) m/p-Xylenes	10.305	106	7726	1.067 ug/l		96
69) o-Xylene	10.646	106	2240	0.319 ug/l		93
76) 1,2,3-Trichloropropane	11.079	75	118681	23.527 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	118681	71.451 ug/l #		15
84) 1,2,4-Trimethylbenzene	11.756	105	5527	0.375 ug/l		93

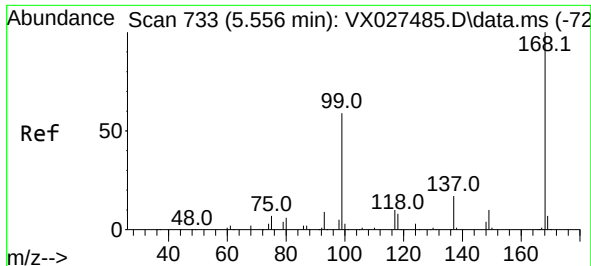
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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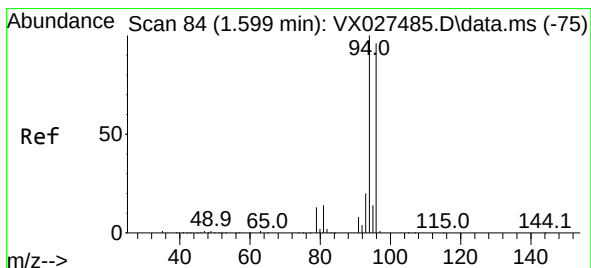
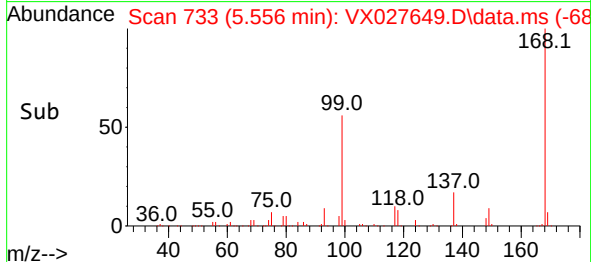
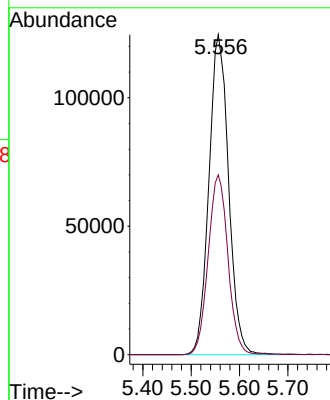
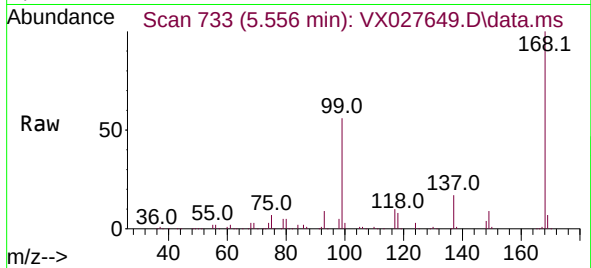




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

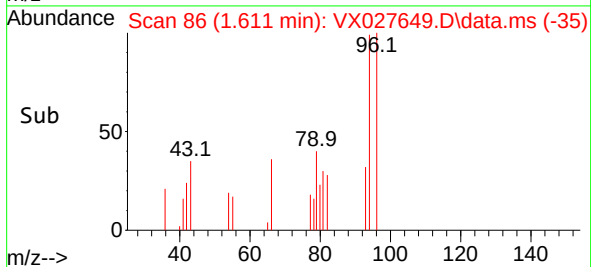
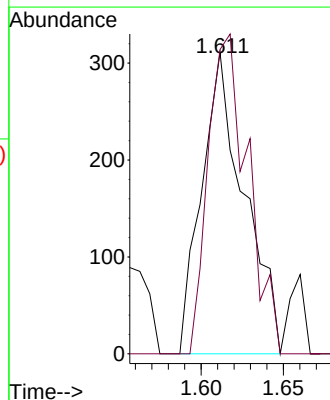
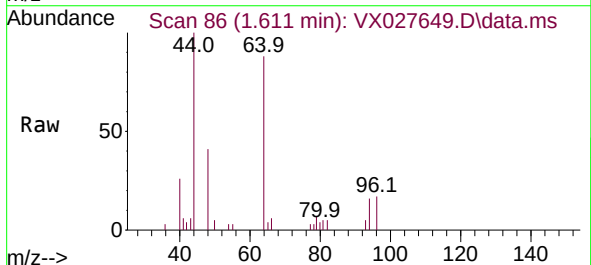
Instrument :
MSVOA_X
ClientSampleId :
FB031722

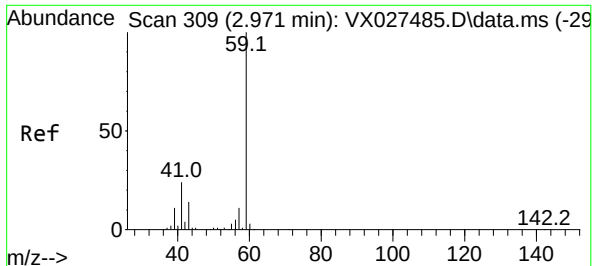
Tgt Ion:168 Resp: 352449
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 101.0 75.3 112.9





#11

Tert butyl alcohol

Concen: 5.270 ug/l

RT: 2.947 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX027649.D

Acq: 23 Mar 2022 06:05

Instrument :

MSVOA_X

ClientSampleId :

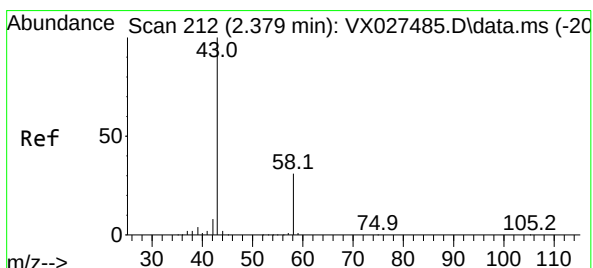
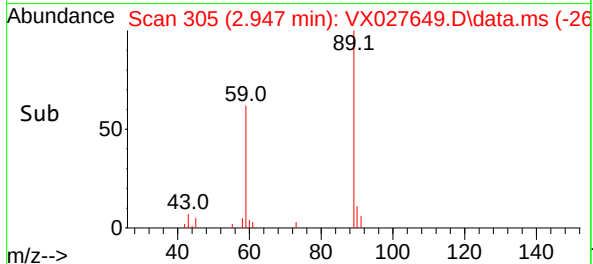
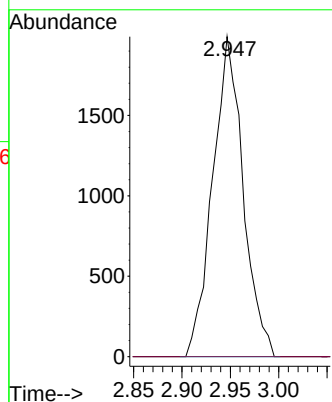
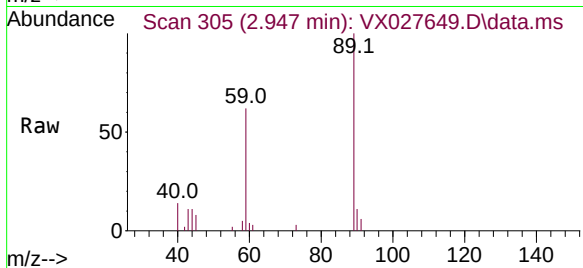
FB031722

Tgt Ion: 59 Resp: 4361

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.288 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027649.D

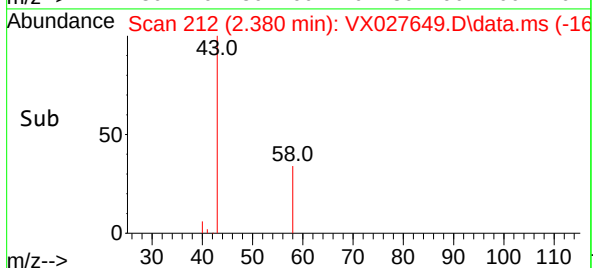
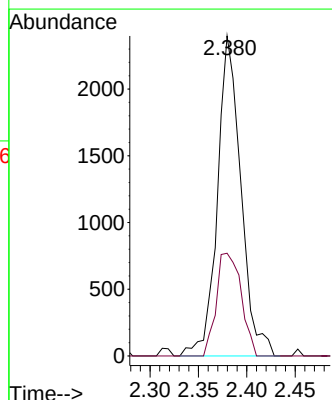
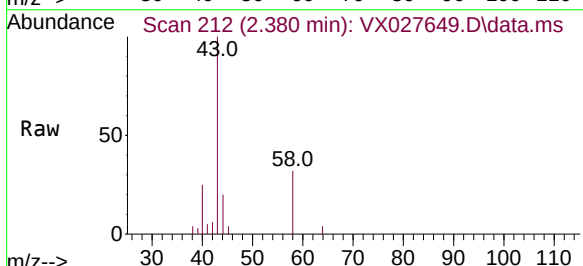
Acq: 23 Mar 2022 06:05

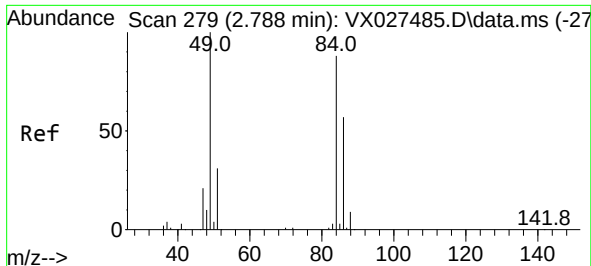
Tgt Ion: 43 Resp: 4049

Ion Ratio Lower Upper

43 100

58 32.1 28.8 43.2

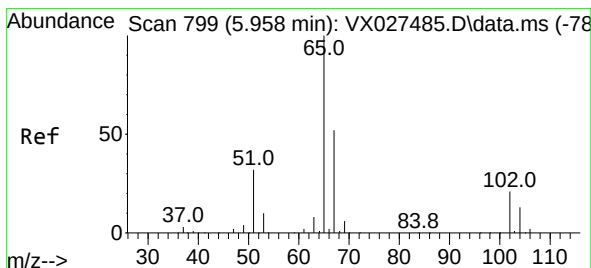
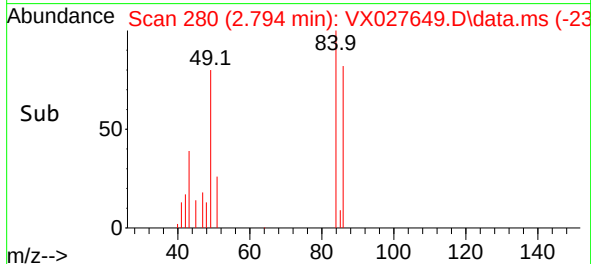
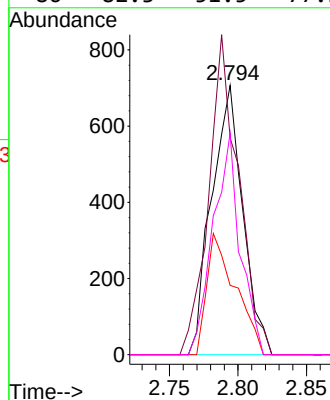
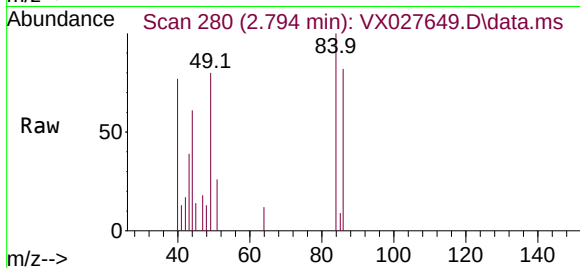




#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

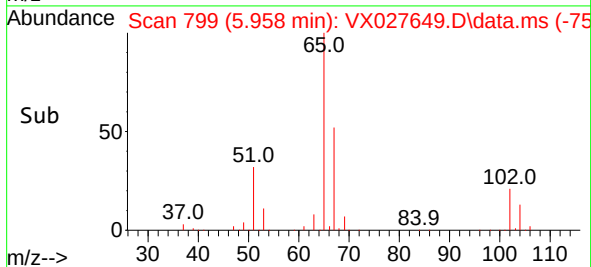
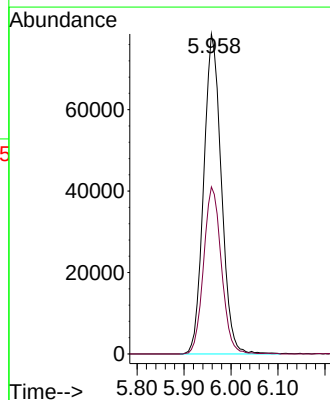
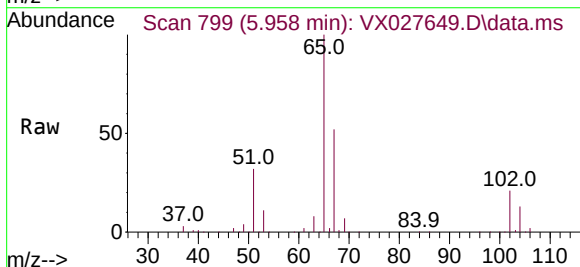
Instrument :
MSVOA_X
ClientSampleId :
FB031722

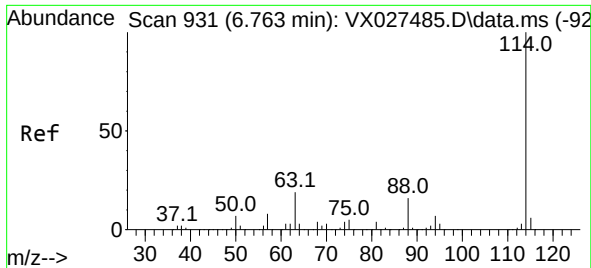
Tgt Ion: 84	Resp: 1121
Ion Ratio	Lower Upper
84 100	
49 80.5	85.5 128.3#
51 25.7	26.6 39.8#
86 82.3	51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 47.247 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 65	Resp: 205138
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 107.4

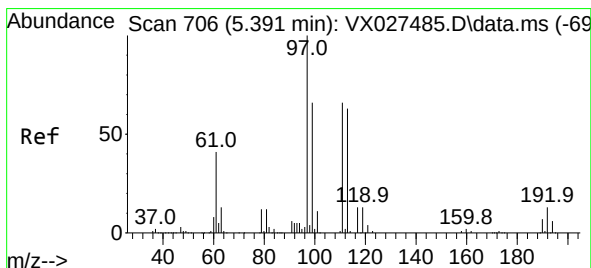
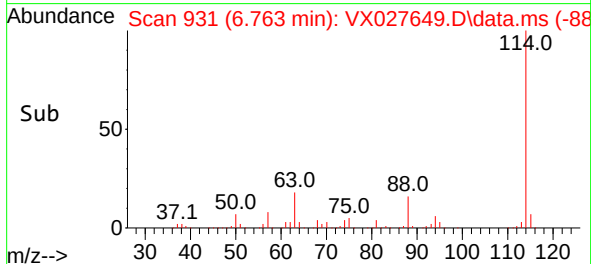
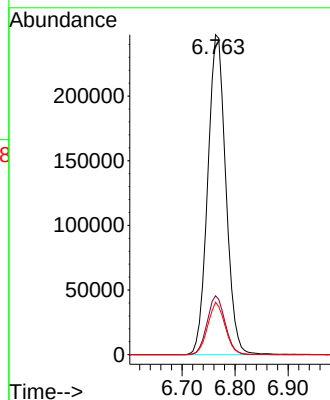
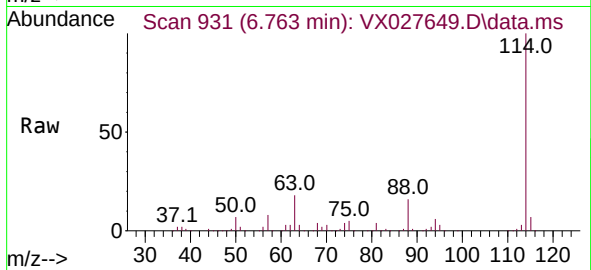




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

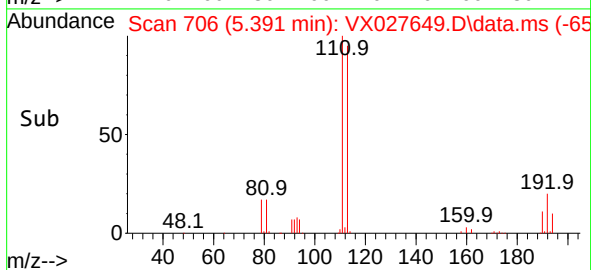
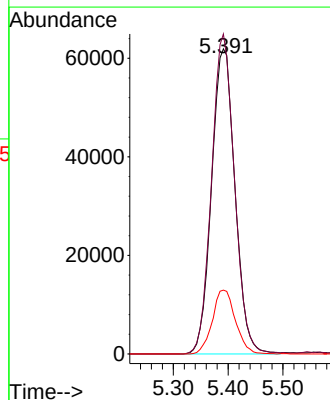
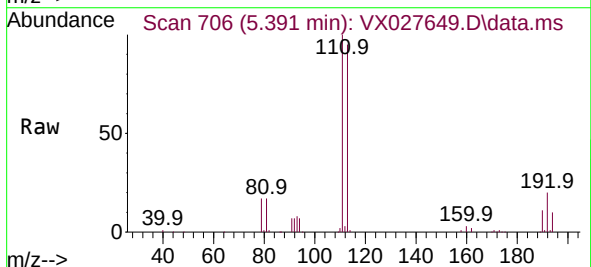
Instrument :
MSVOA_X
ClientSampleId :
FB031722

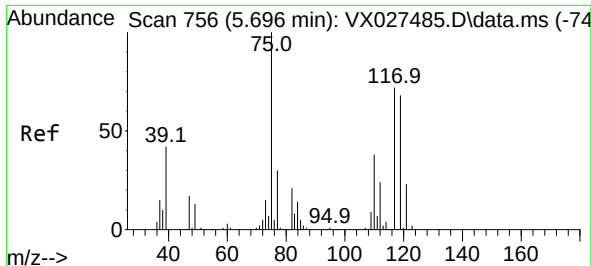
Tgt Ion:114 Resp: 586394
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.739 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion:113 Resp: 183880
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.6 16.9 25.3

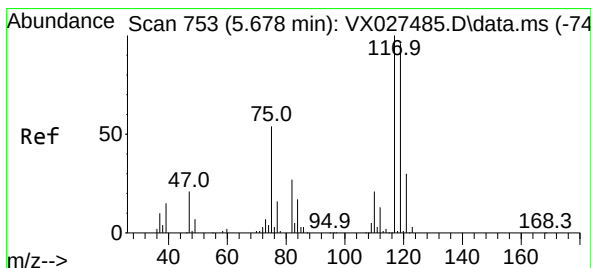
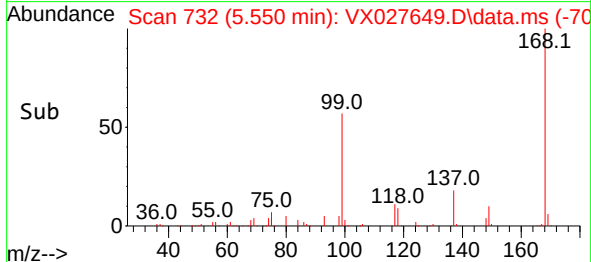
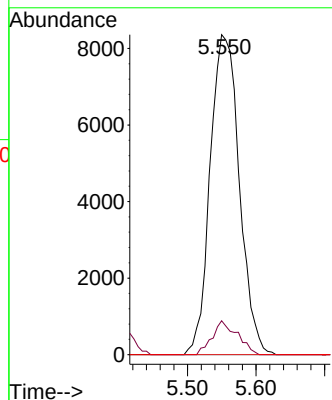
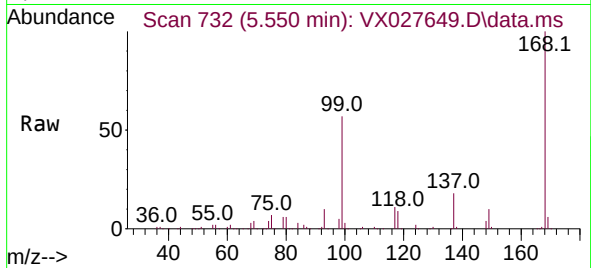




#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

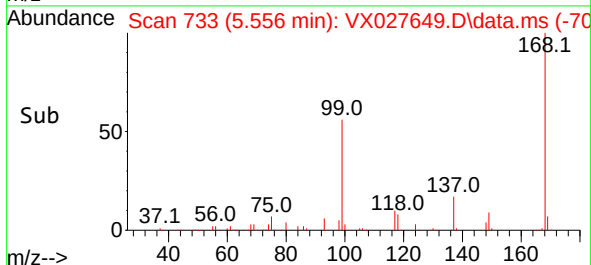
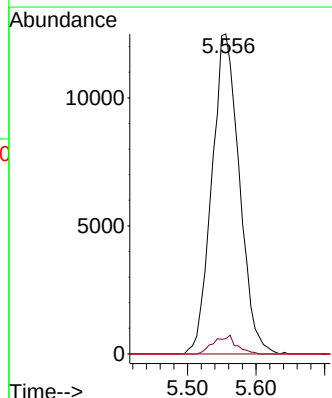
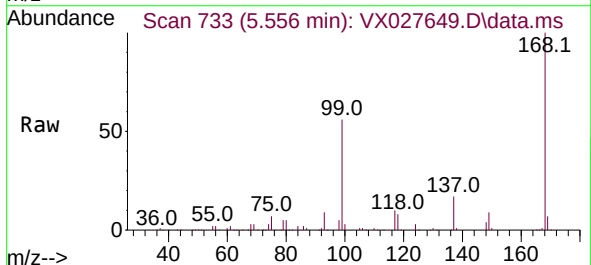
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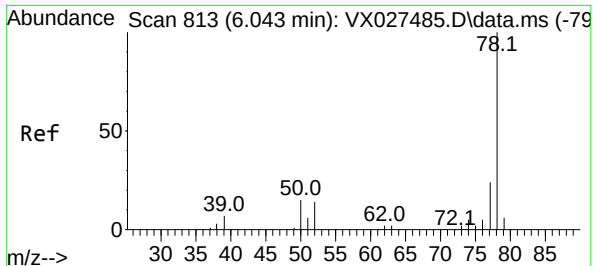
Tgt Ion: 75 Resp: 24708
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 117 Resp: 34854
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

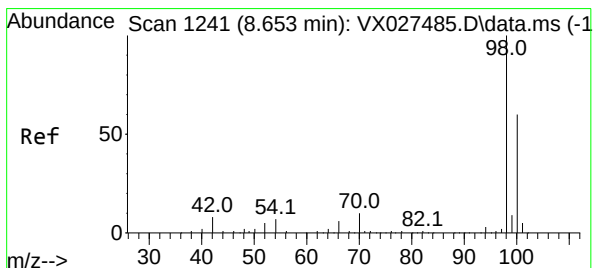
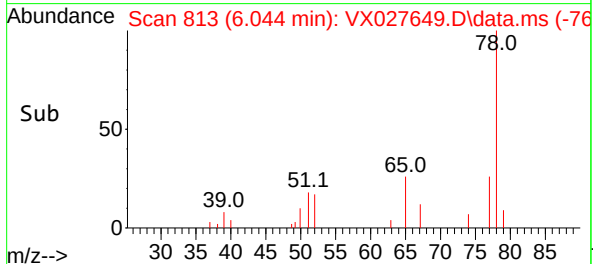
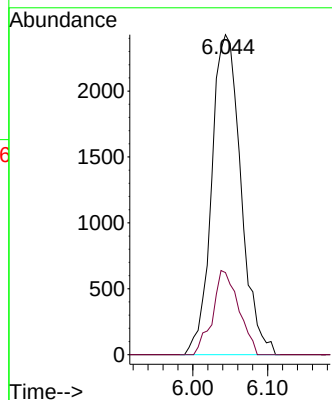
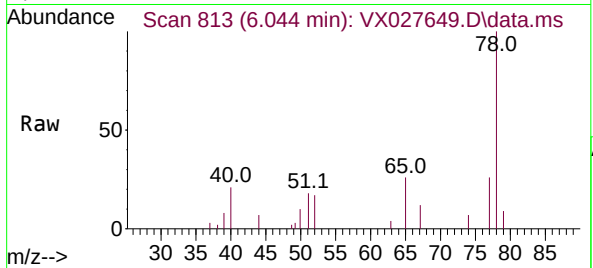




#40
Benzene
Concen: 0.447 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

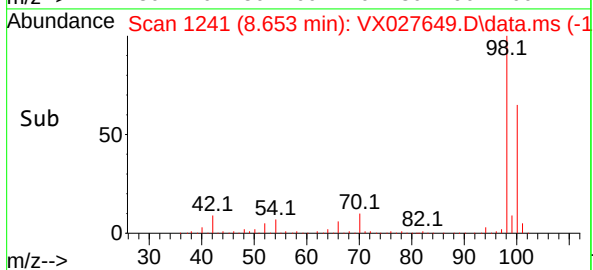
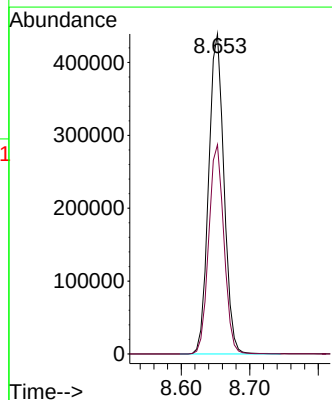
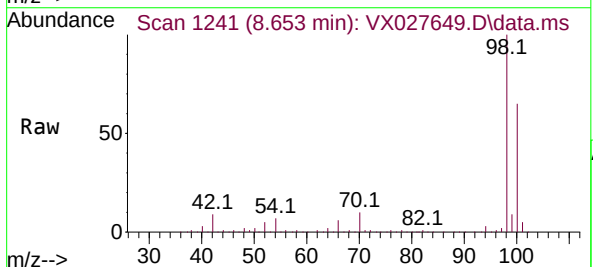
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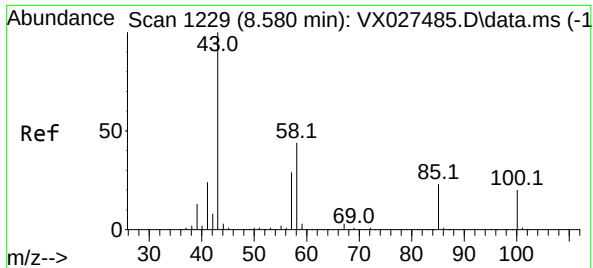
Tgt Ion: 78 Resp: 6605
Ion Ratio Lower Upper
78 100
77 25.7 19.3 28.9



#50
Toluene-d8
Concen: 47.776 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 98 Resp: 682082
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

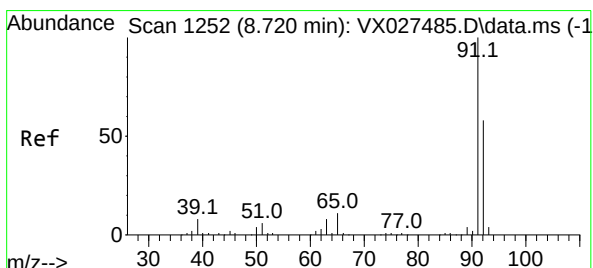
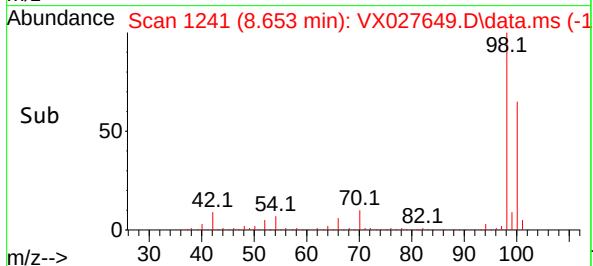
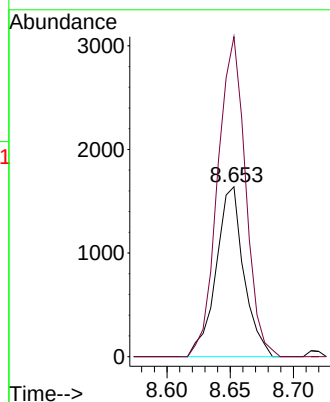
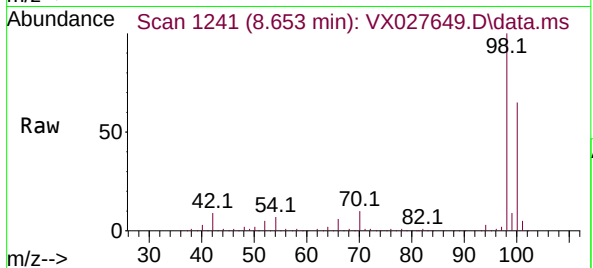




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

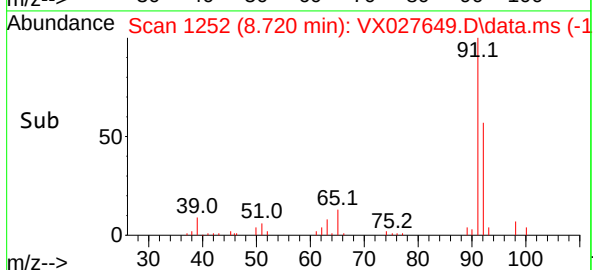
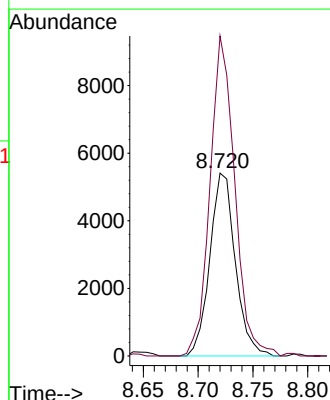
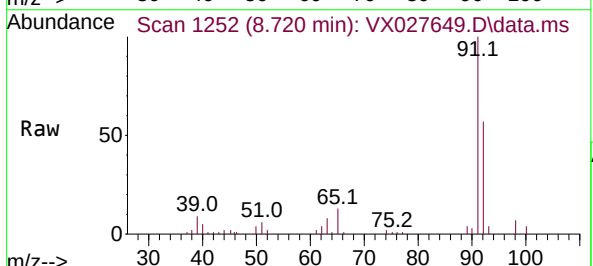
Instrument :
MSVOA_X
ClientSampleId :
FB031722

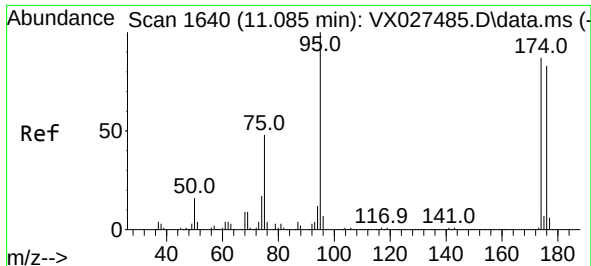
Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 189.0 36.1 54.1#



#52
Toluene
Concen: 0.883 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 92 Resp: 8752
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3

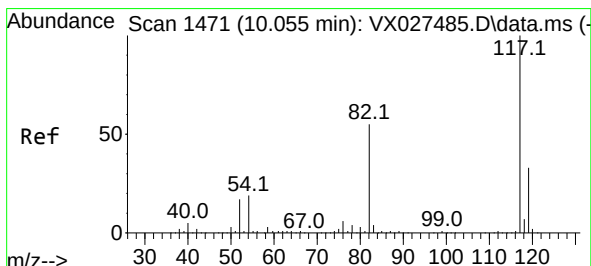
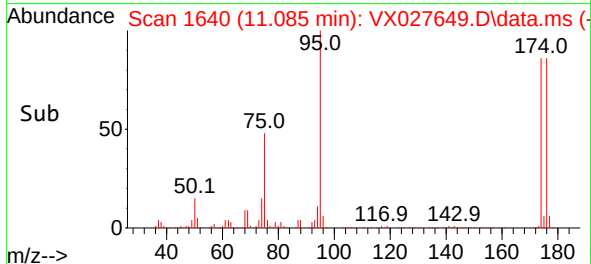
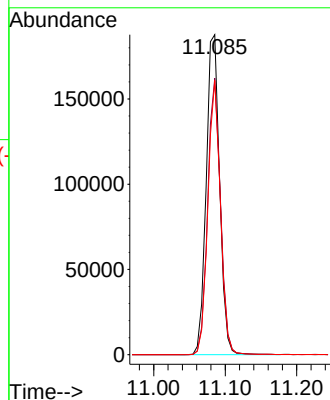
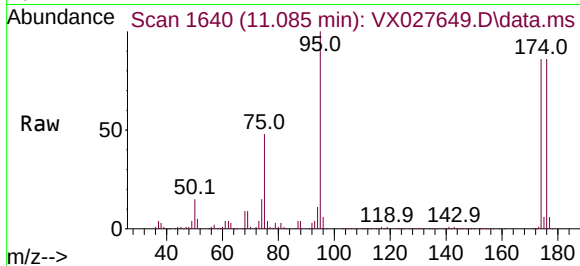




#62
4-Bromofluorobenzene
Concen: 46.749 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

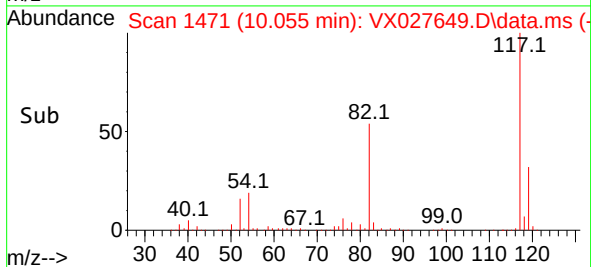
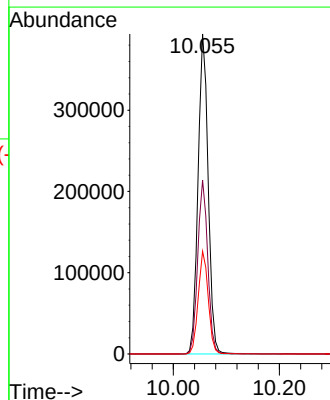
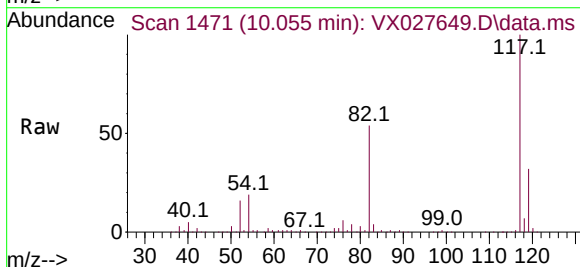
Instrument :
MSVOA_X
ClientSampleId :
FB031722

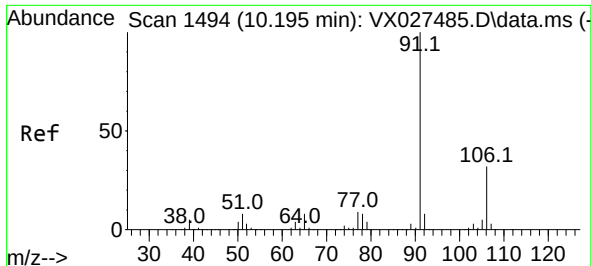
Tgt Ion: 95 Resp: 245313
Ion Ratio Lower Upper
95 100
174 82.3 0.0 163.0
176 80.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 117 Resp: 522364
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 0.247 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027649.D

Acq: 23 Mar 2022 06:05

Instrument :

MSVOA_X

ClientSampleId :

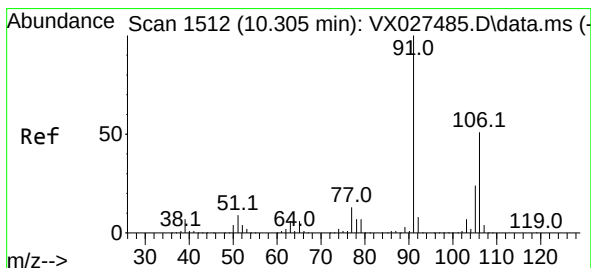
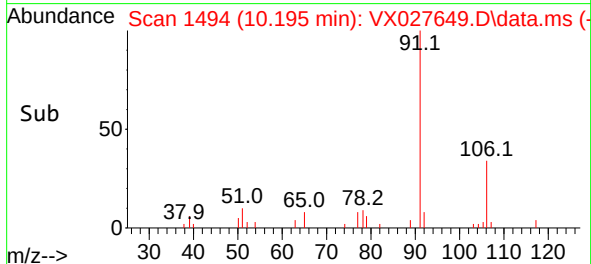
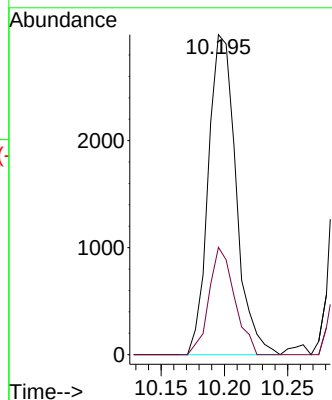
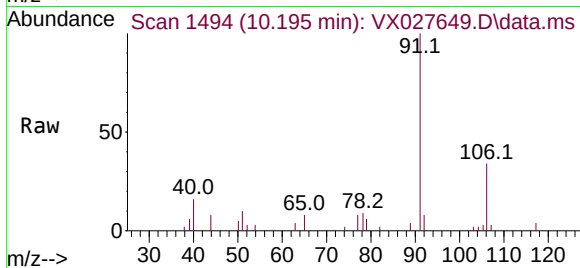
FB031722

Tgt Ion: 91 Resp: 4551

Ion Ratio Lower Upper

91 100

106 33.5 24.6 36.8



#68

m/p-Xylenes

Concen: 1.067 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027649.D

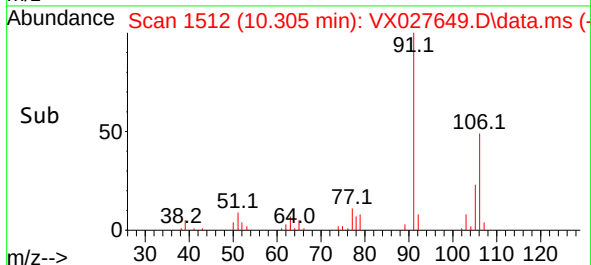
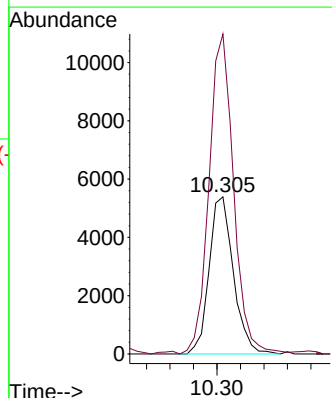
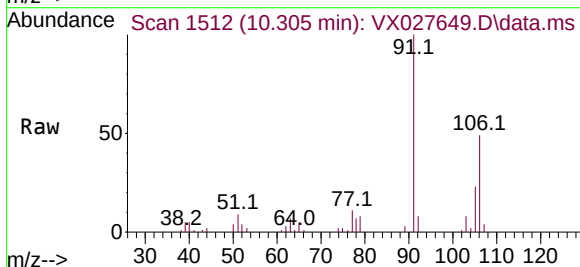
Acq: 23 Mar 2022 06:05

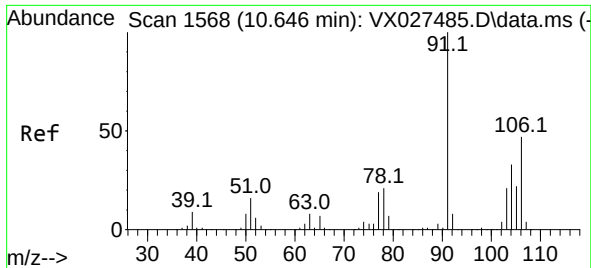
Tgt Ion: 106 Resp: 7726

Ion Ratio Lower Upper

106 100

91 207.3 160.4 240.6

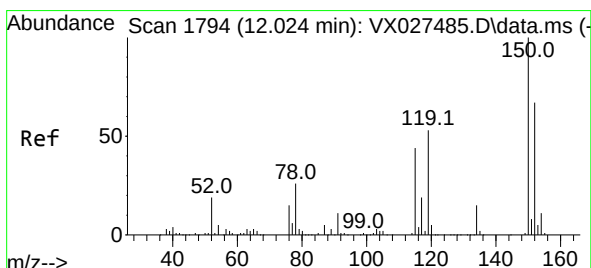
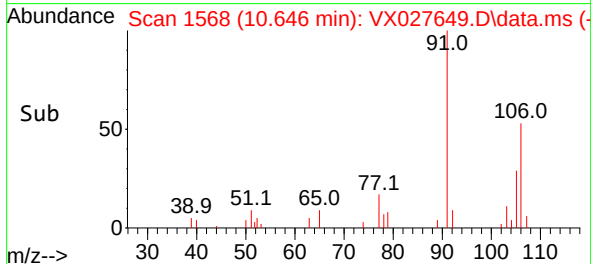
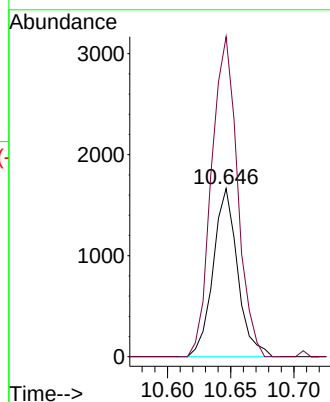
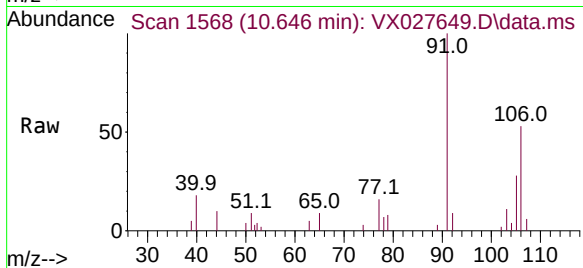




#69
o-Xylene
Concen: 0.319 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

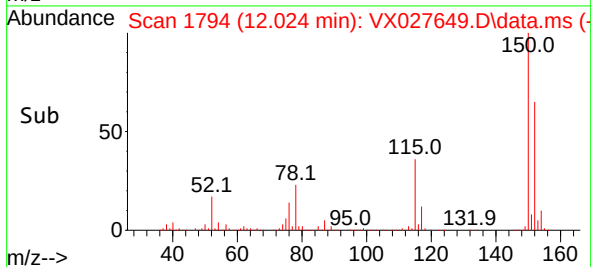
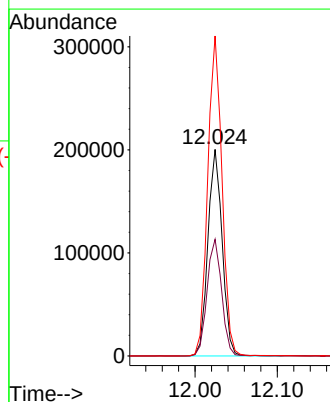
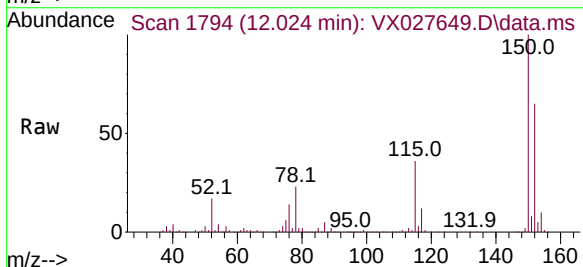
Instrument :
MSVOA_X
ClientSampleId :
FB031722

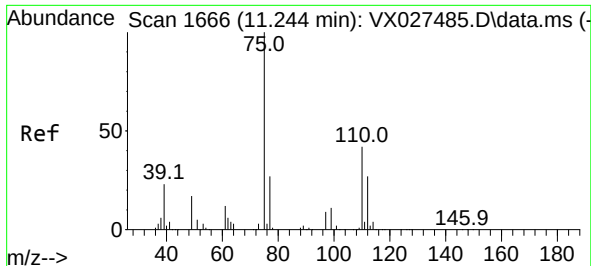
Tgt Ion:106 Resp: 2240
Ion Ratio Lower Upper
106 100
91 201.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion:152 Resp: 241175
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 155.4 0.0 338.2

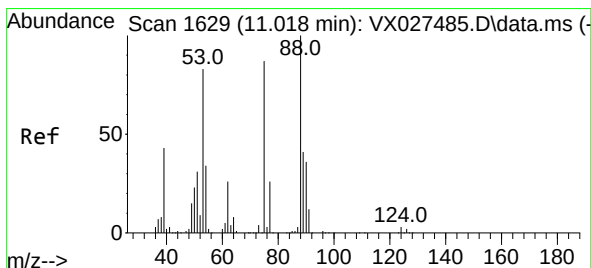
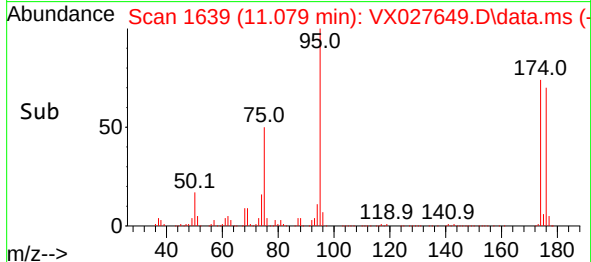
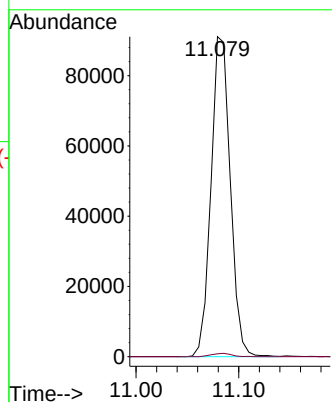
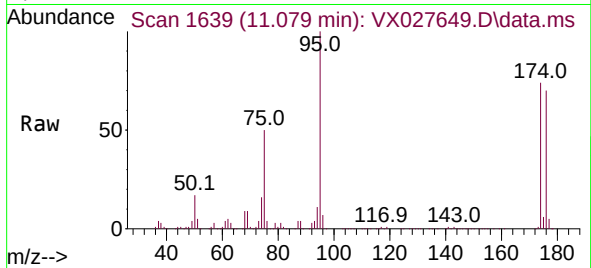




#76
1,2,3-Trichloropropane
Concen: 23.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

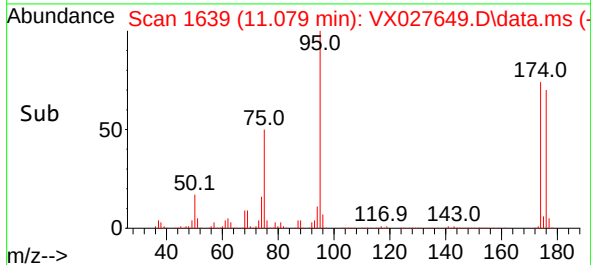
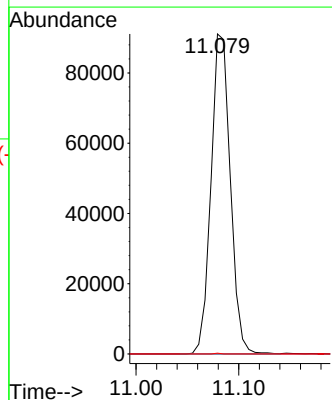
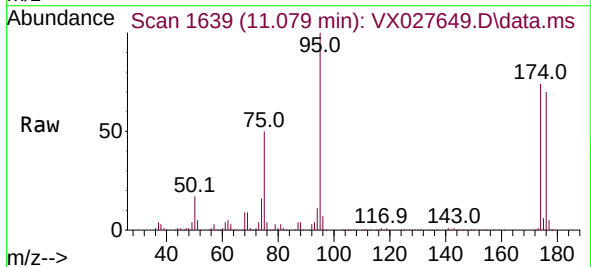
Instrument :
MSVOA_X
ClientSampleId :
FB031722

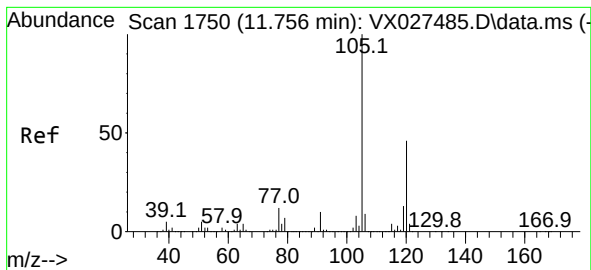
Tgt Ion: 75 Resp: 118681
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027649.D
Acq: 23 Mar 2022 06:05

Tgt Ion: 75 Resp: 118681
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.375 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027649.D

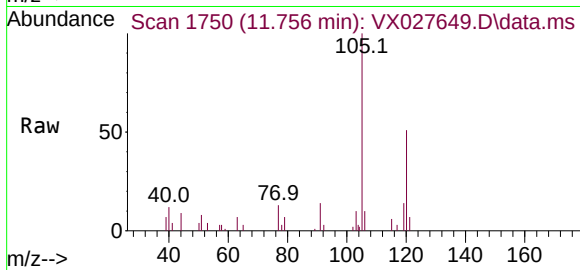
Acq: 23 Mar 2022 06:05

Instrument :

MSVOA_X

ClientSampleId :

FB031722



Tgt Ion:105 Resp: 5527

Ion Ratio Lower Upper

105 100

120 49.5 22.6 67.8

