

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027650.D
 Acq On : 23 Mar 2022 06:28
 Operator : JC/MD
 Sample : N2028-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031822

Quant Time: Mar 23 07:45:17 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)

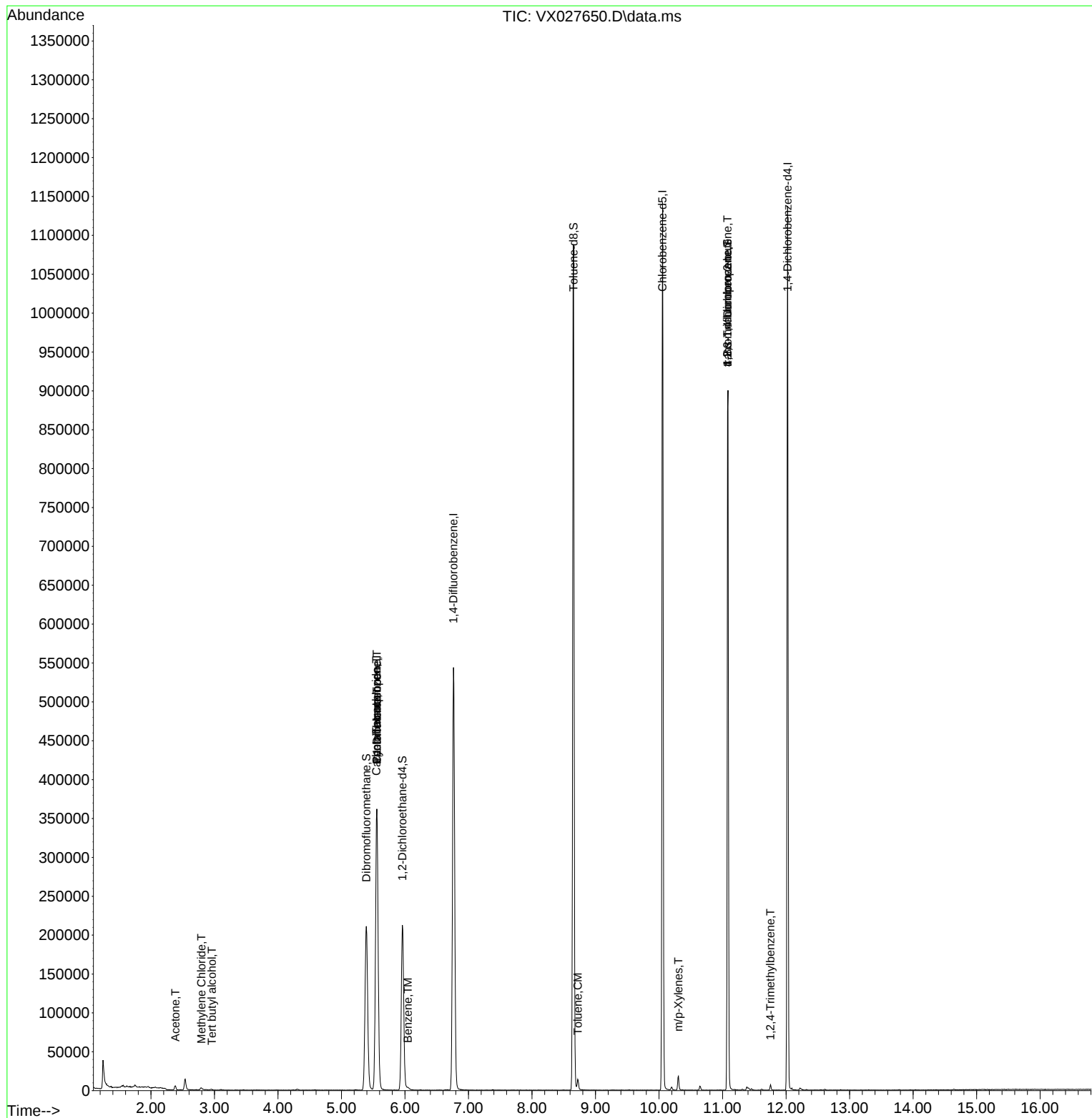
Internal Standards						
1) Pentafluorobenzene	5.556	168	359849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	537293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	251264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210533	47.492	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.980%		
35) Dibromofluoromethane	5.391	113	188442	50.196	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.400%		
50) Toluene-d8	8.653	98	679542	47.835	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.660%		
62) 4-Bromofluorobenzene	11.079	95	253873	48.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.240%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	466	Below Cal	#	59
11) Tert butyl alcohol	2.959	59	638	0.755	ug/l #	72
16) Acetone	2.386	43	5718	3.165	ug/l #	87
20) Methylene Chloride	2.794	84	1428	0.368	ug/l #	82
31) Cyclohexane	5.556	56	6356	1.155	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25436	4.958	ug/l #	45
38) Carbon Tetrachloride	5.550	117	35828	6.104	ug/l #	15
40) Benzene	6.043	78	3698	0.251	ug/l #	86
52) Toluene	8.720	92	4893	0.496	ug/l	97
68) m/p-Xylenes	10.305	106	4644	0.623	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	119874	22.809	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	119874	69.271	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3473	0.226	ug/l	99

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

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Quant Title : SW846 8260
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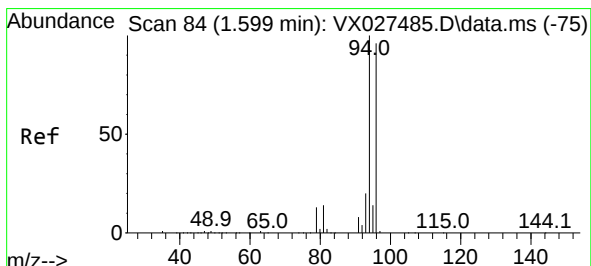
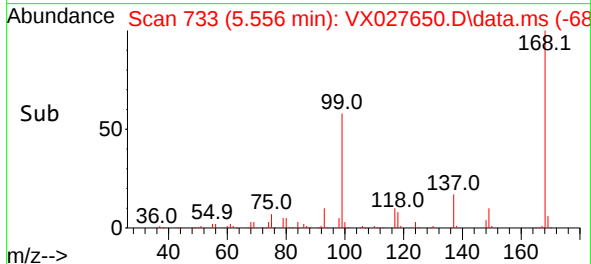
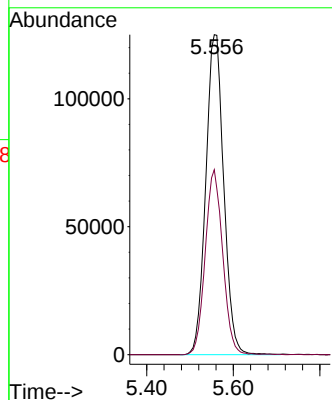
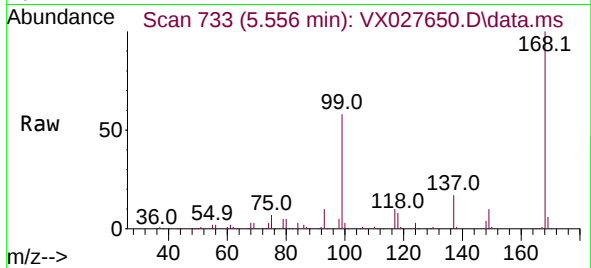




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

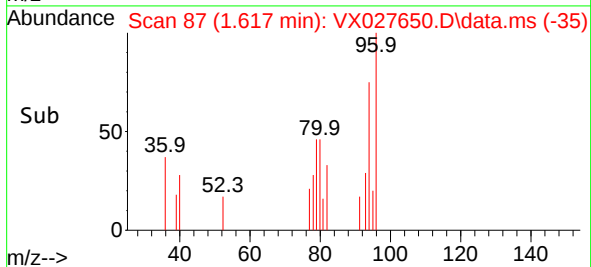
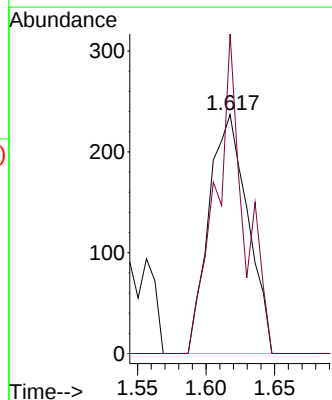
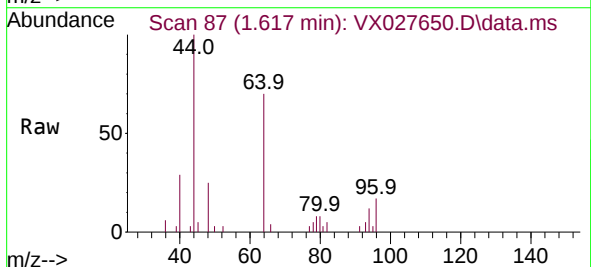
Instrument :
MSVOA_X
ClientSampleId :
FB031822

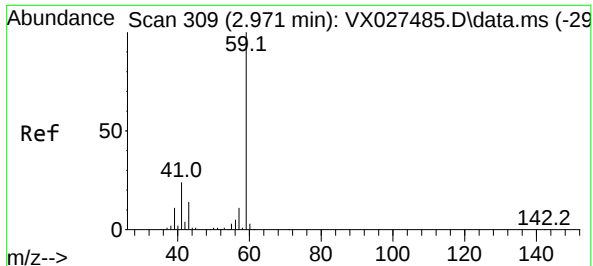
Tgt Ion:168 Resp: 359849
Ion Ratio Lower Upper
168 100
99 57.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 133.8 75.3 112.9#

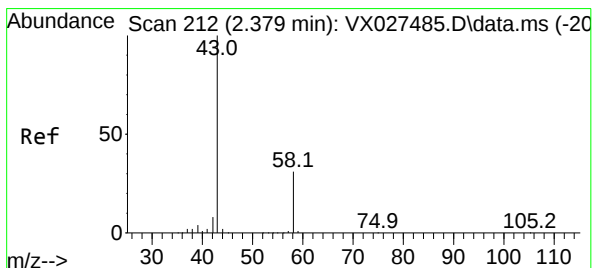
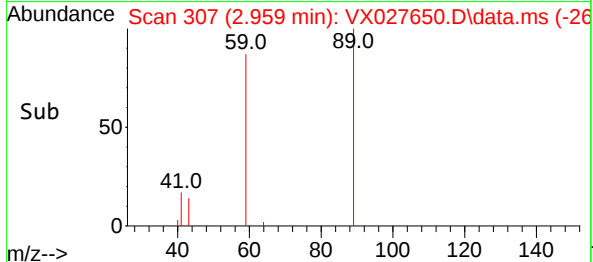
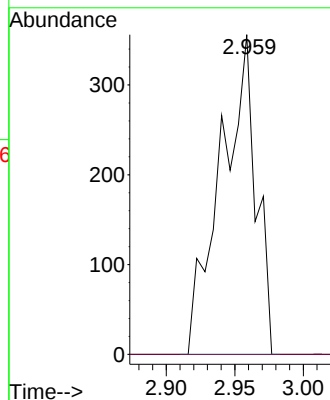
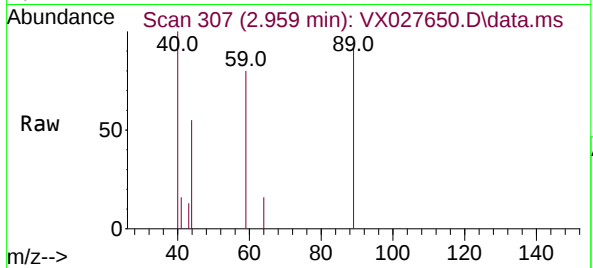




#11
Tert butyl alcohol
Concen: 0.755 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

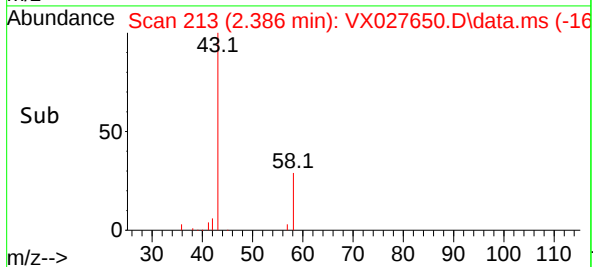
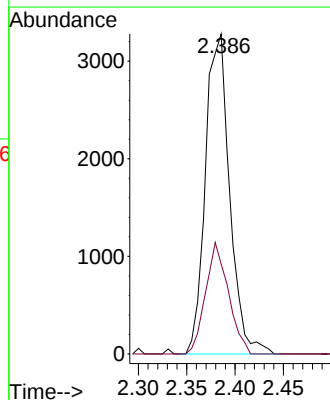
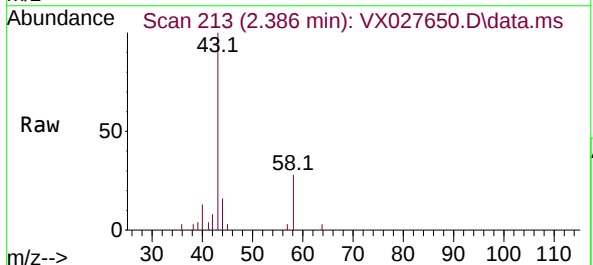
Instrument :
MSVOA_X
ClientSampleId :
FB031822

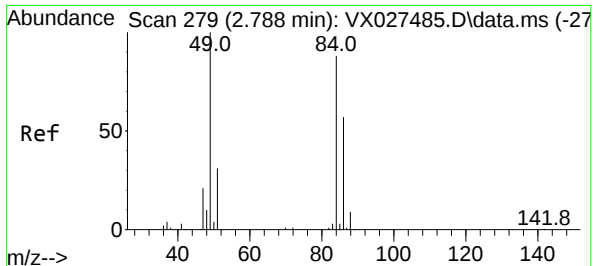
Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.165 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 43 Resp: 5718
Ion Ratio Lower Upper
43 100
58 28.1 28.8 43.2#

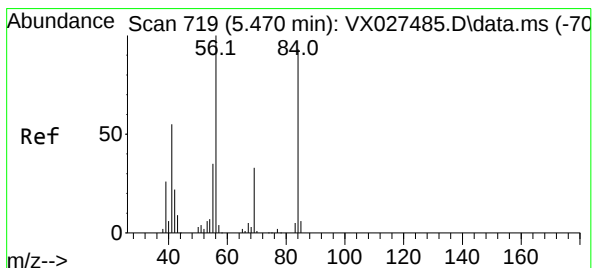
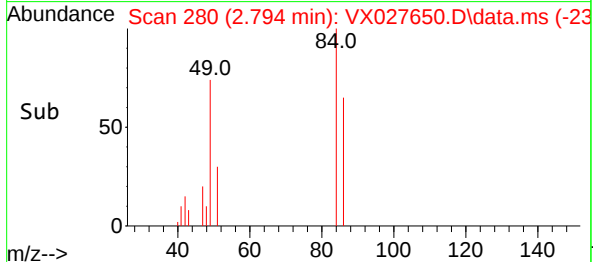
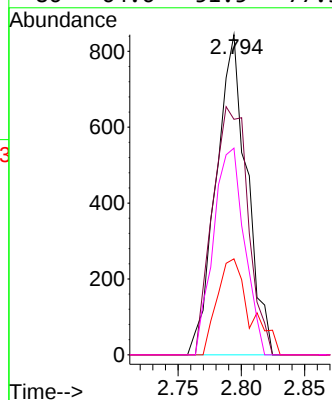
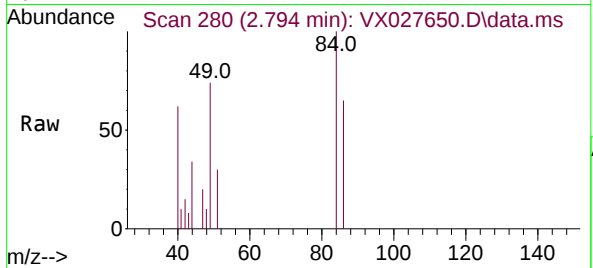




#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

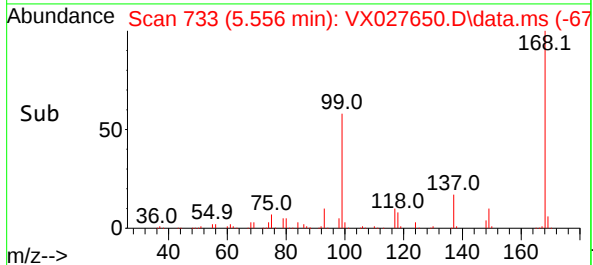
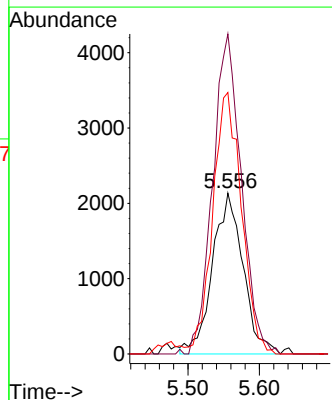
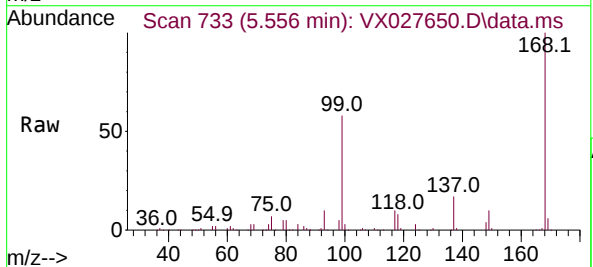
Instrument :
MSVOA_X
ClientSampleId :
FB031822

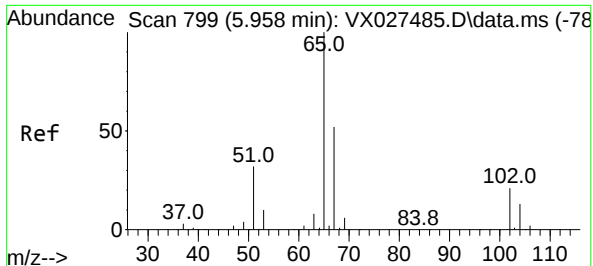
Tgt Ion: 84	Resp: 1428
Ion Ratio	Lower Upper
84 100	
49 73.6	85.5 128.3#
51 30.0	26.6 39.8
86 64.6	51.5 77.3



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 56	Resp: 6356		
Ion Ratio	Lower	Upper	
56	100		
69	198.9	26.7	40.1#
84	162.5	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.492 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027650.D

Acq: 23 Mar 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

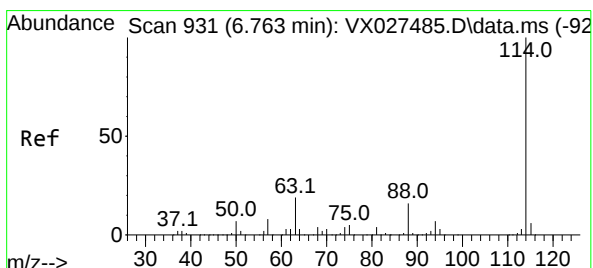
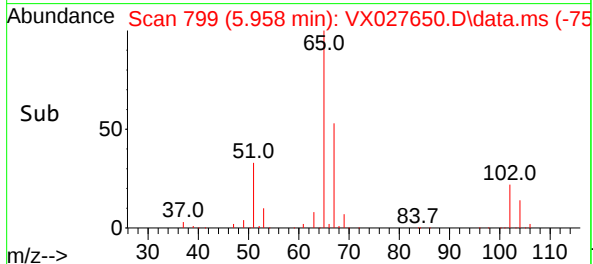
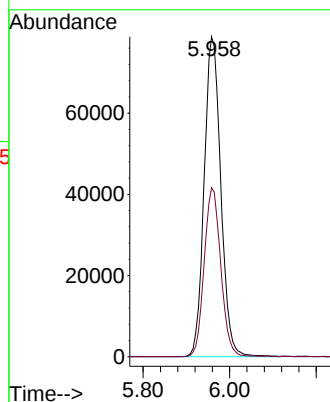
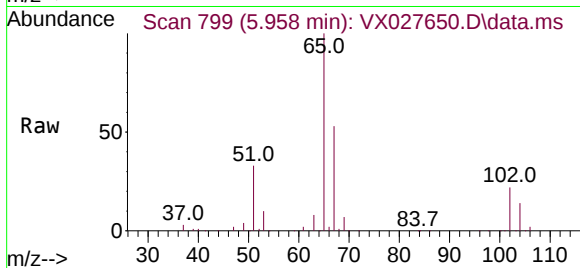
FB031822

Tgt Ion: 65 Resp: 210533

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027650.D

Acq: 23 Mar 2022 06:28

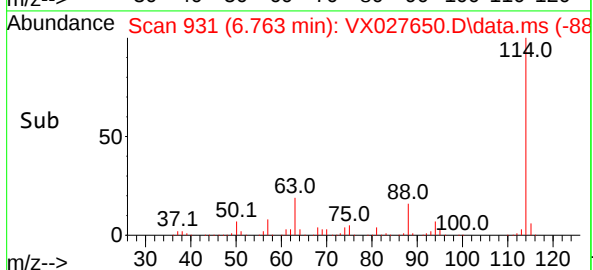
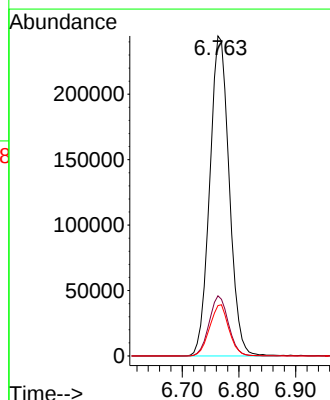
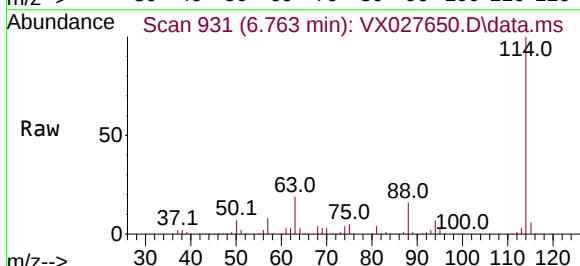
Tgt Ion:114 Resp: 583496

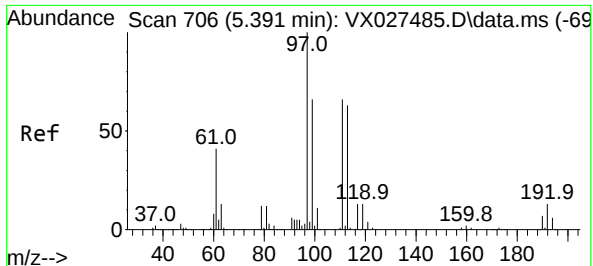
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.196 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027650.D

Acq: 23 Mar 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

FB031822

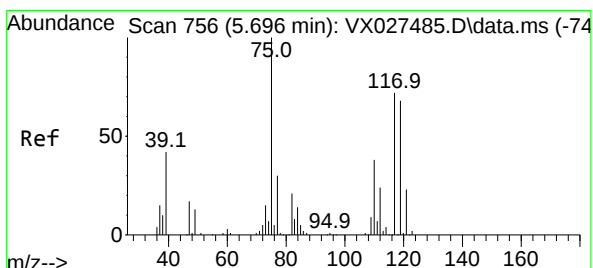
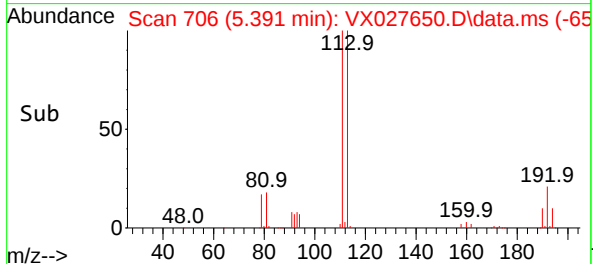
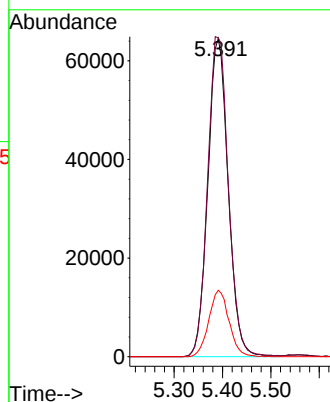
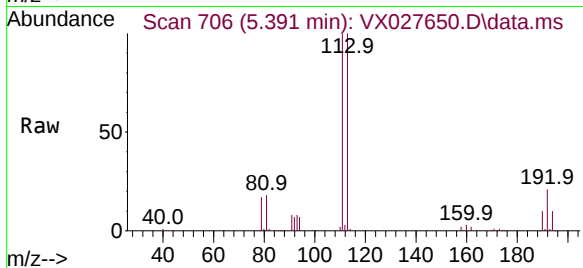
Tgt Ion:113 Resp: 188442

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 20.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027650.D

Acq: 23 Mar 2022 06:28

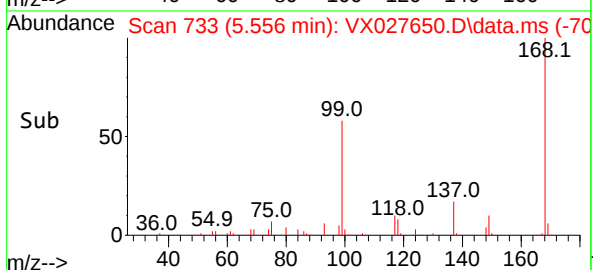
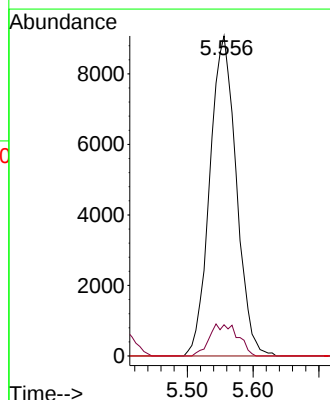
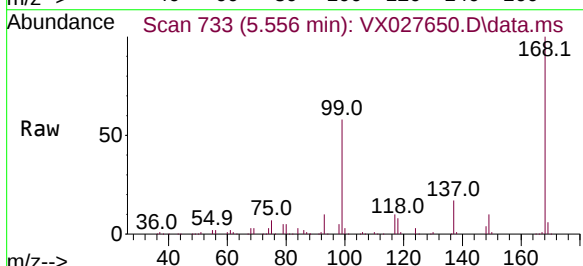
Tgt Ion: 75 Resp: 25436

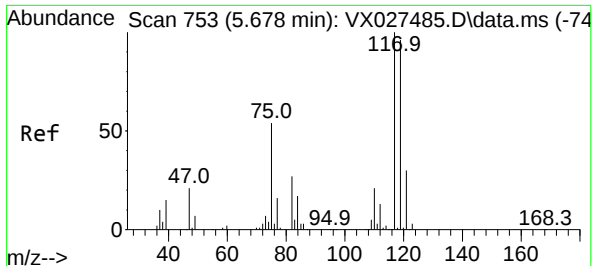
Ion Ratio Lower Upper

75 100

110 4.6 18.3 54.8#

77 0.0 24.8 37.2#

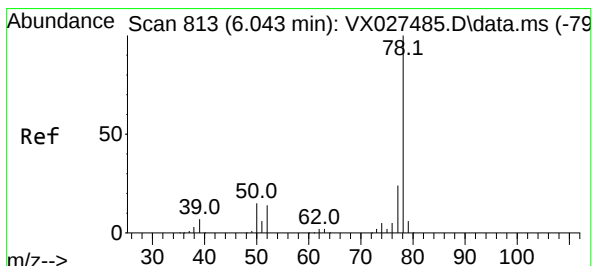
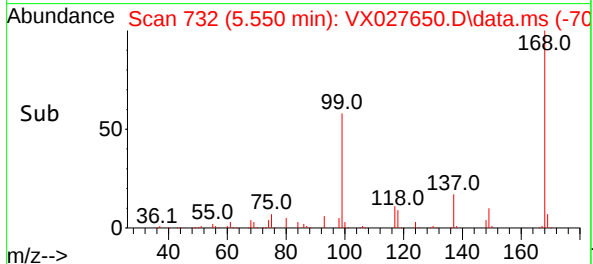
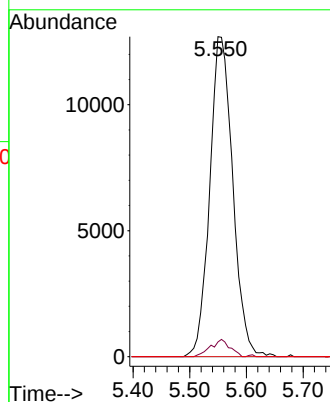
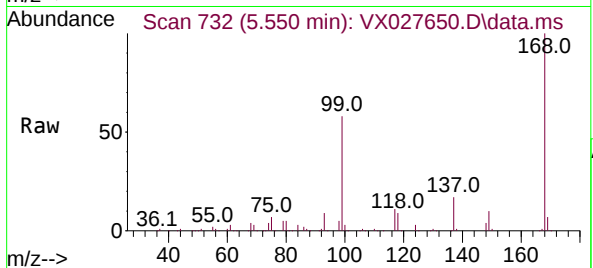




#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

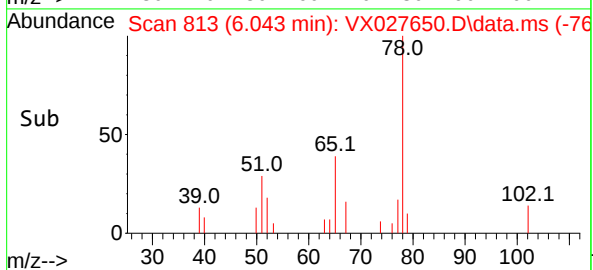
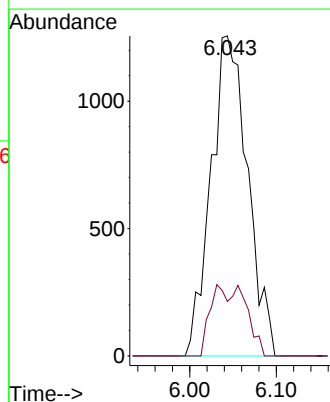
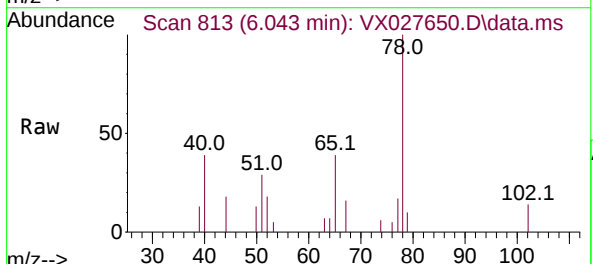
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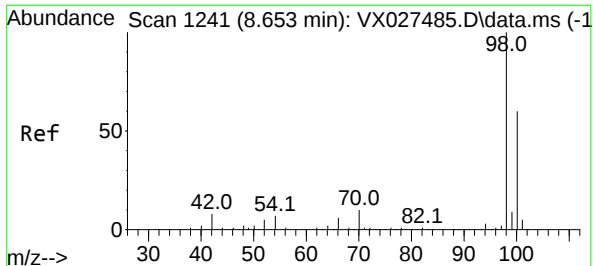
Tgt Ion:117 Resp: 35828
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.251 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 78 Resp: 3698
Ion Ratio Lower Upper
78 100
77 17.0 19.3 28.9#

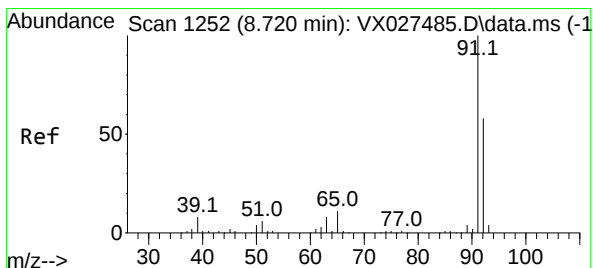
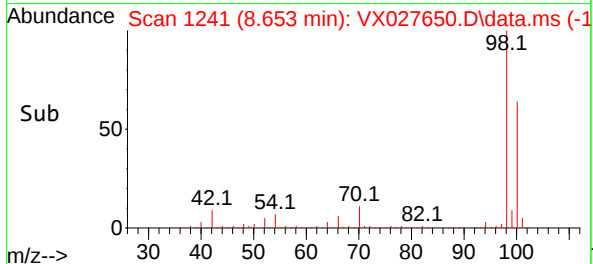
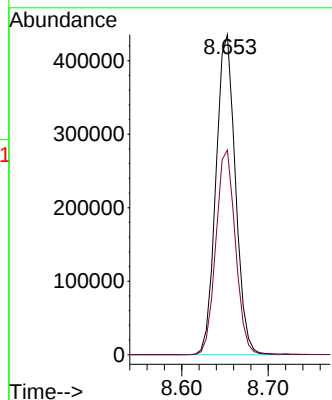
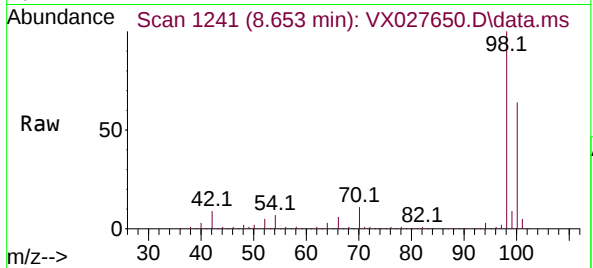




#50
Toluene-d8
Concen: 47.835 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

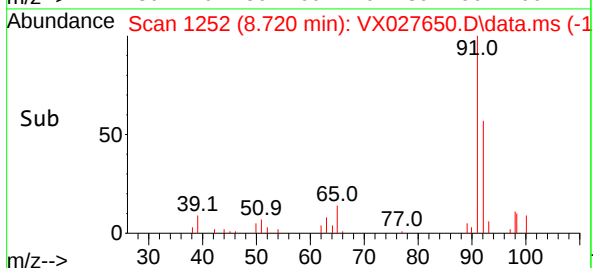
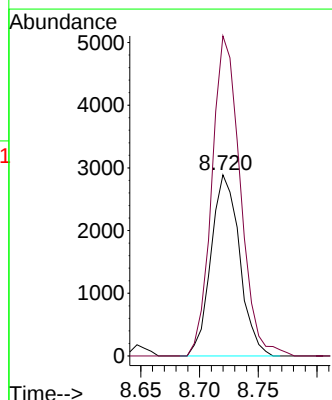
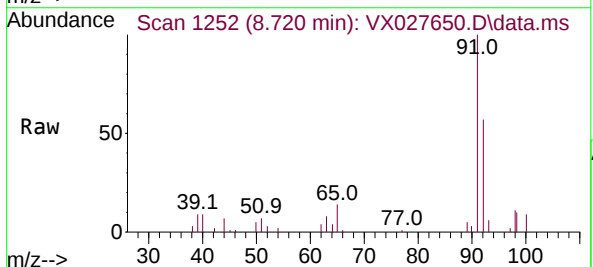
Instrument :
MSVOA_X
ClientSampleId :
FB031822

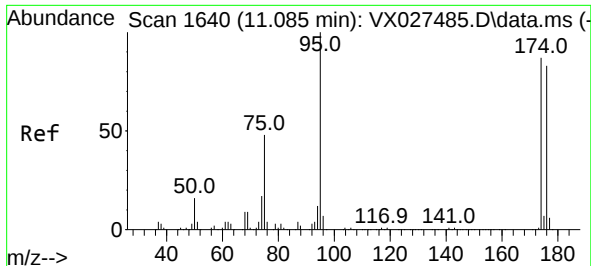
Tgt Ion: 98 Resp: 679542
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#52
Toluene
Concen: 0.496 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 92 Resp: 4893
Ion Ratio Lower Upper
92 100
91 175.4 137.5 206.3

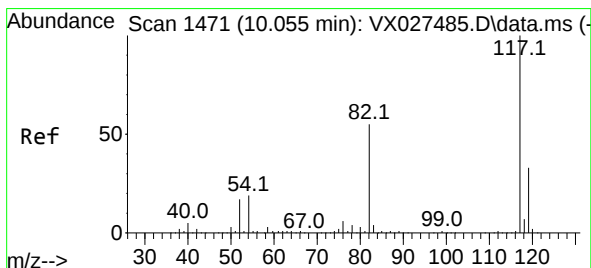
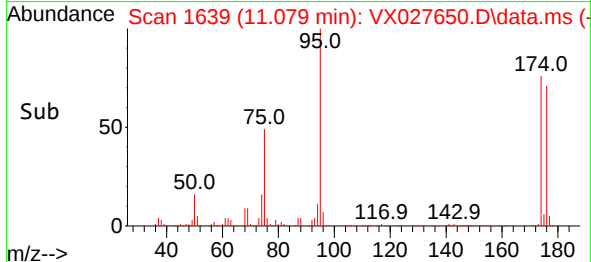
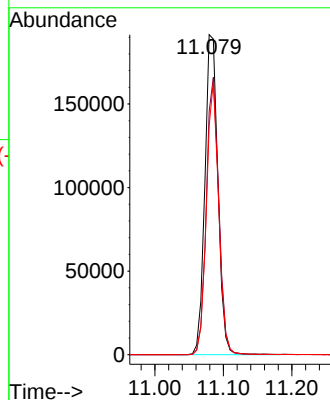
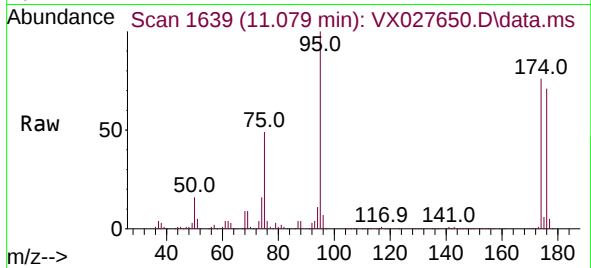




#62
4-Bromofluorobenzene
Concen: 48.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

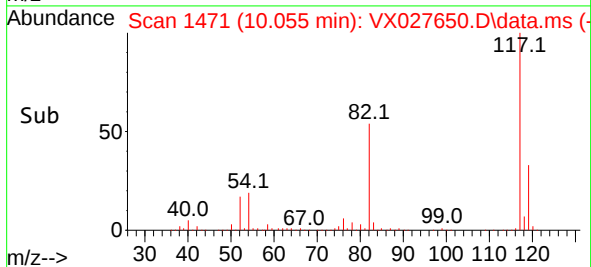
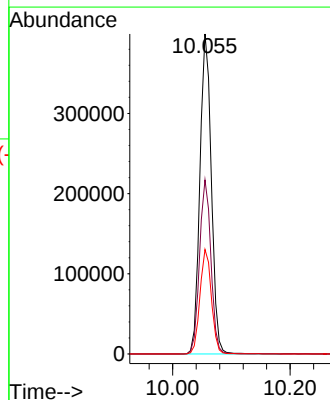
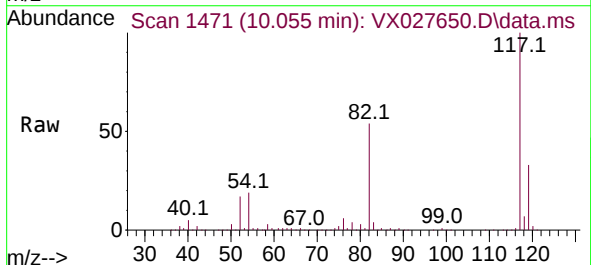
Instrument :
MSVOA_X
ClientSampleId :
FB031822

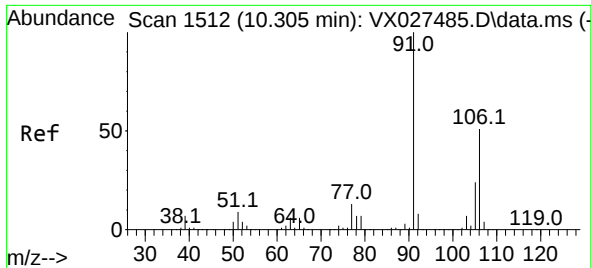
Tgt Ion: 95 Resp: 253873
Ion Ratio Lower Upper
95 100
174 83.3 0.0 163.0
176 80.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 117 Resp: 537293
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.6 24.8 37.2

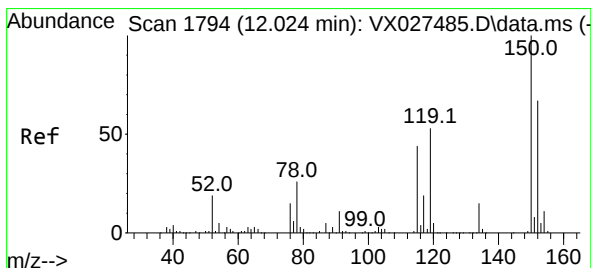
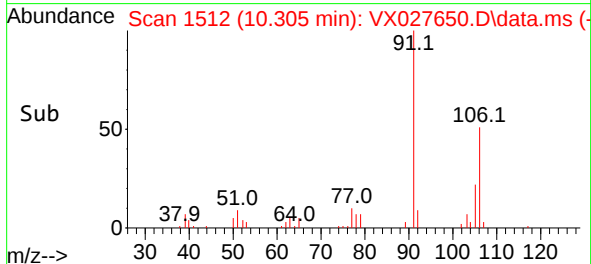
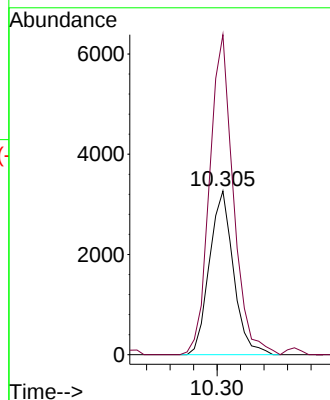
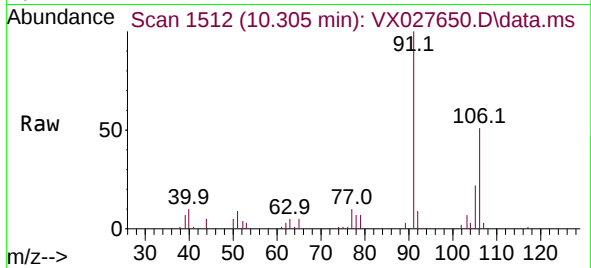




#68
m/p-Xylenes
Concen: 0.623 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

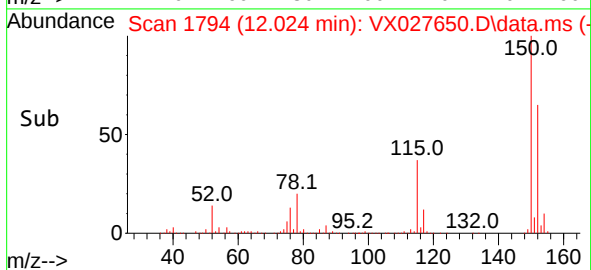
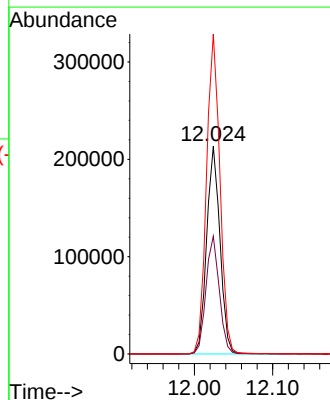
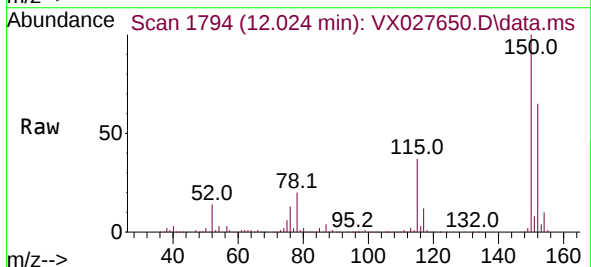
Instrument :
MSVOA_X
ClientSampleId :
FB031822

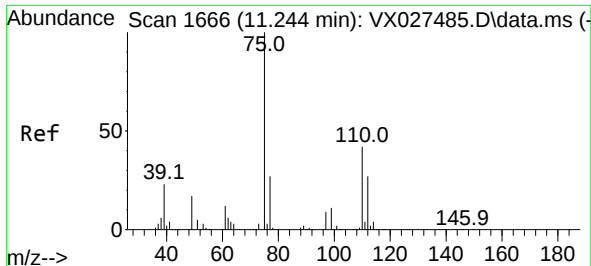
Tgt Ion:106 Resp: 4644
Ion Ratio Lower Upper
106 100
91 193.1 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion:152 Resp: 251264
Ion Ratio Lower Upper
152 100
115 56.8 37.5 112.7
150 155.6 0.0 338.2

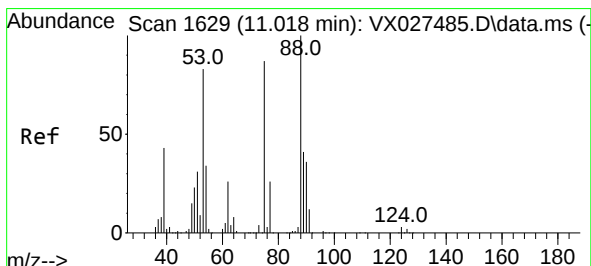
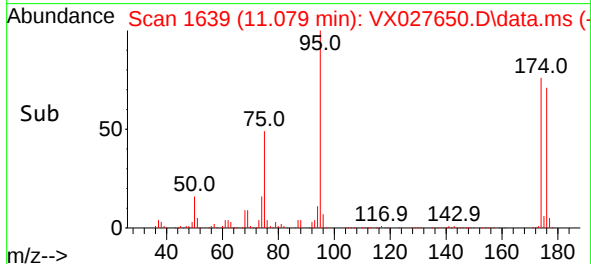
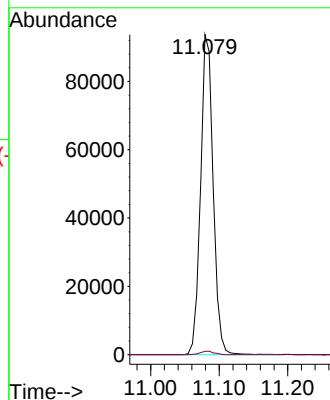
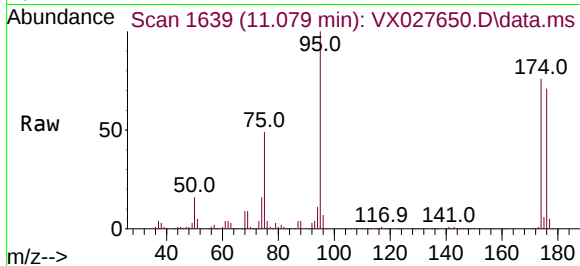




#76
1,2,3-Trichloropropane
Concen: 22.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

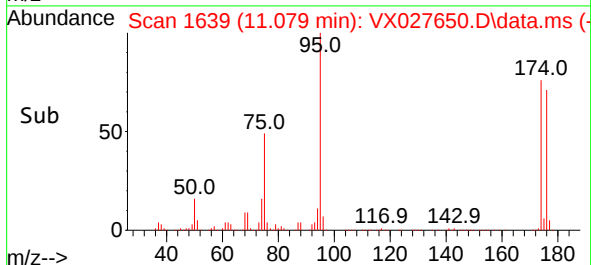
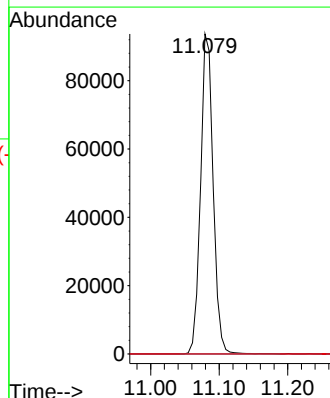
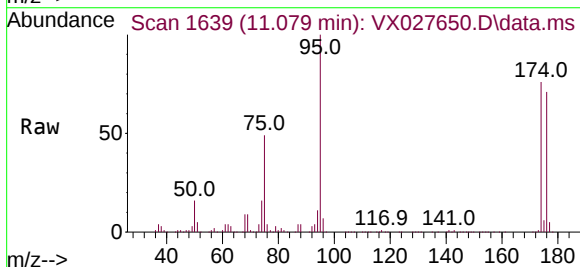
Instrument :
MSVOA_X
ClientSampleId :
FB031822

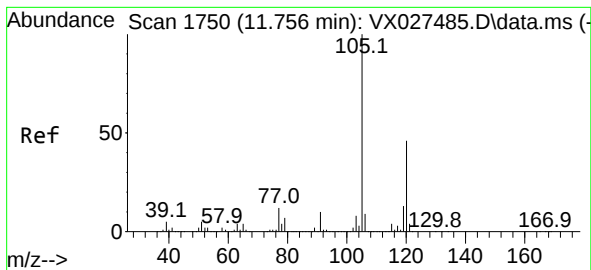
Tgt Ion: 75 Resp: 119874
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027650.D
Acq: 23 Mar 2022 06:28

Tgt Ion: 75 Resp: 119874
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.226 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027650.D

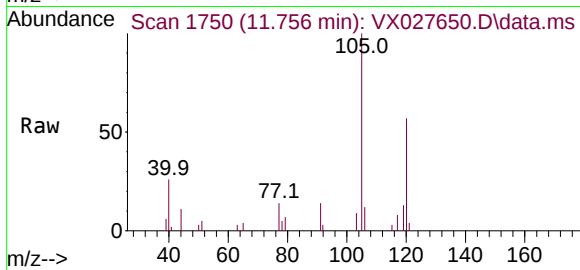
Acq: 23 Mar 2022 06:28

Instrument :

MSVOA_X

ClientSampleId :

FB031822



Tgt Ion:105 Resp: 3473

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8

