

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027651.D
 Acq On : 23 Mar 2022 06:52
 Operator : JC/MD
 Sample : N2028-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 23 07:45:33 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)

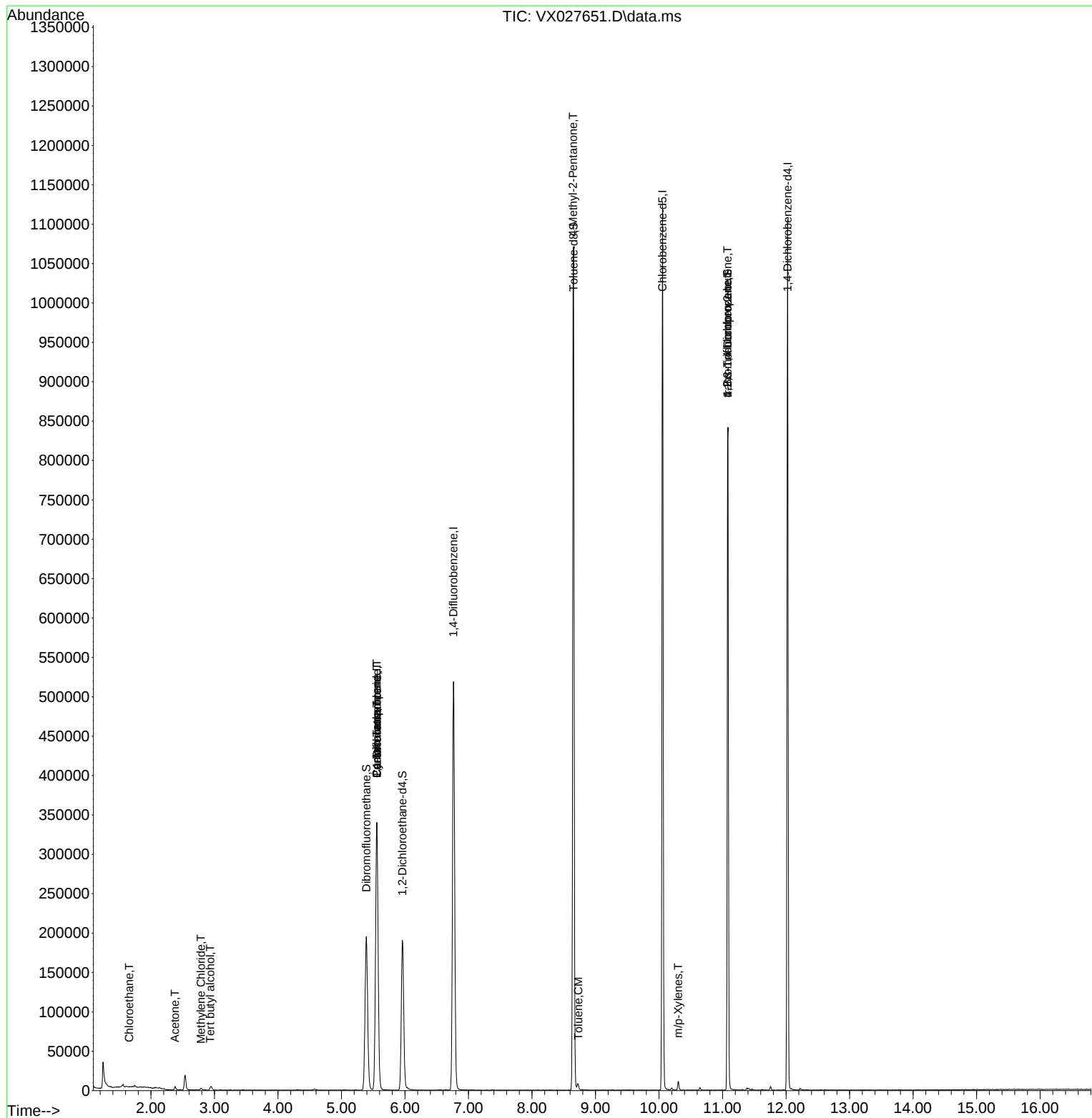
Internal Standards						
1) Pentafluorobenzene	5.556	168	354234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	552861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184056	42.178	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.360%
35) Dibromofluoromethane	5.391	113	174068	48.937	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.880%
50) Toluene-d8	8.653	98	664421	49.362	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	235979	47.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	597	Below Cal	#	61
6) Chloroethane	1.654	64	3349	1.565	ug/l #	60
11) Tert butyl alcohol	2.934	59	2773	3.334	ug/l #	72
16) Acetone	2.380	43	4031	2.266	ug/l	89
20) Methylene Chloride	2.788	84	1124	0.294	ug/l #	89
31) Cyclohexane	5.556	56	5107	0.942	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21629	4.450	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32577	5.858	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2508	0.504	ug/l #	1
52) Toluene	8.726	92	2982	0.319	ug/l	94
68) m/p-Xylenes	10.299	106	2957	0.416	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	113683	23.535	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113683	71.476	ug/l #	15

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

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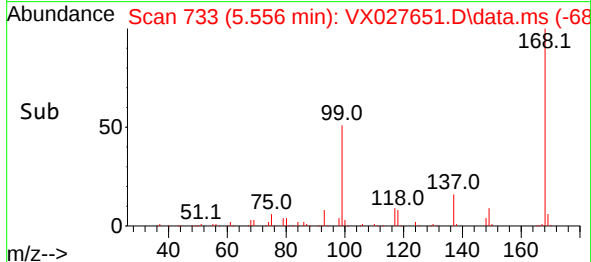
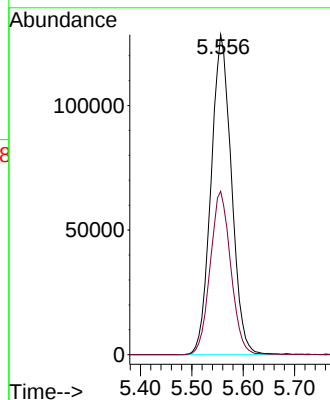
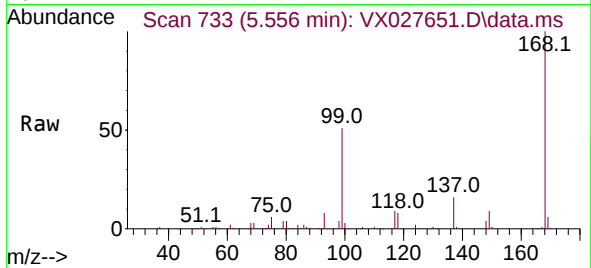




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

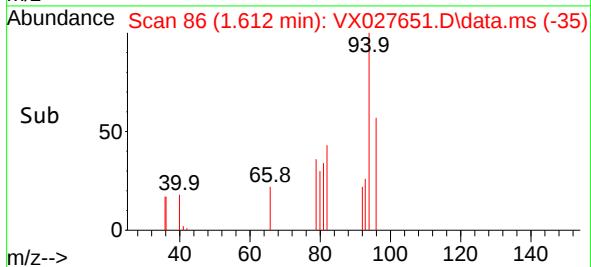
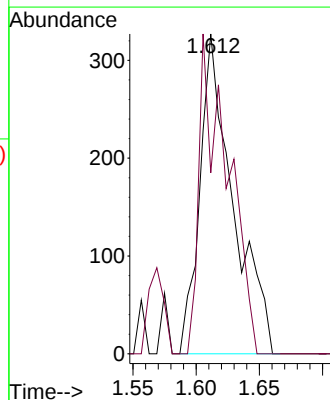
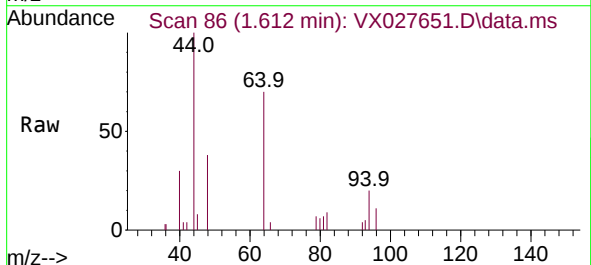
Instrument :
MSVOA_X
ClientSampleId :
TB

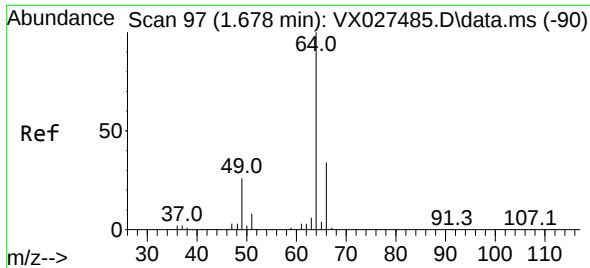
Tgt Ion:168 Resp: 354234
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 56.6 75.3 112.9#

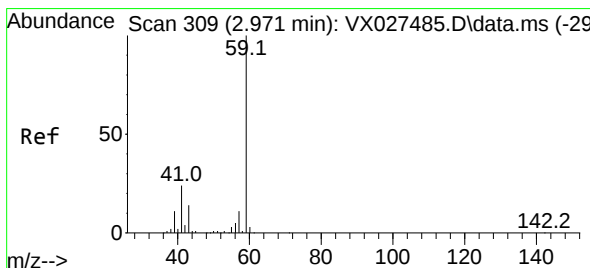
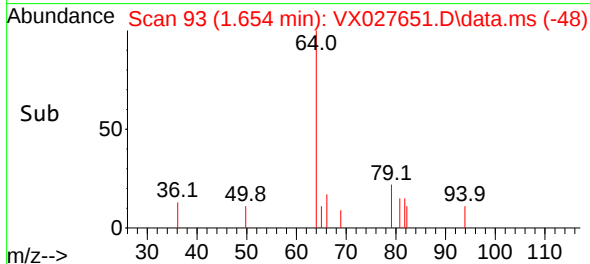
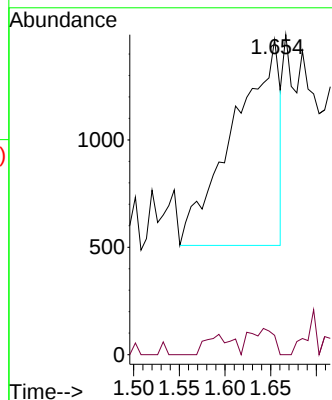
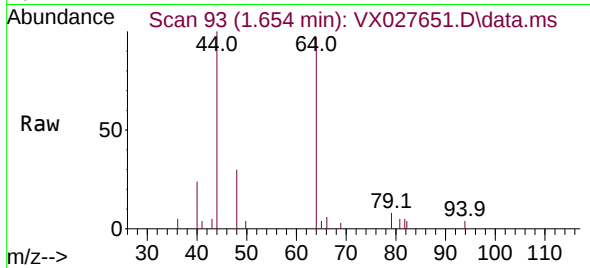




#6
Chloroethane
Concen: 1.565 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

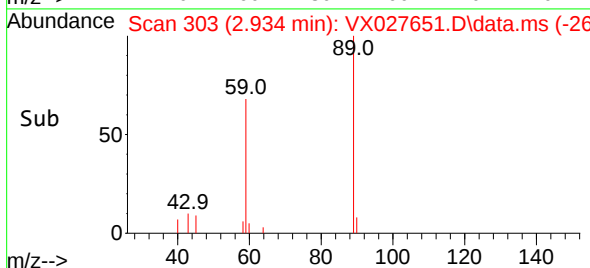
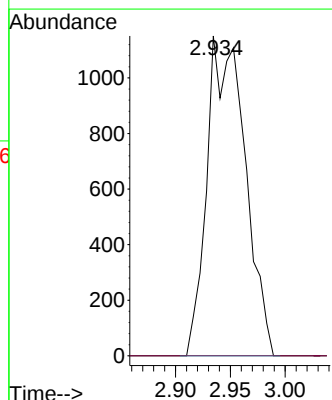
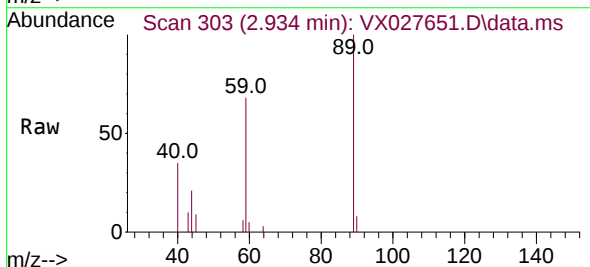
Instrument :
MSVOA_X
ClientSampleId :
TB

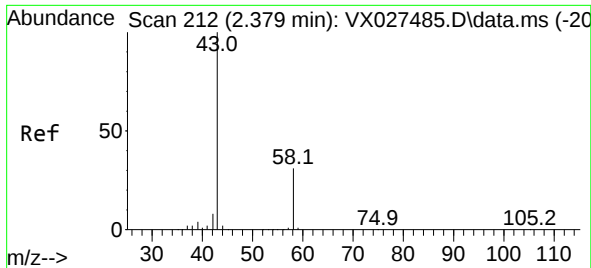
Tgt Ion: 64 Resp: 3349
Ion Ratio Lower Upper
64 100
66 9.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.334 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.036 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 59 Resp: 2773
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

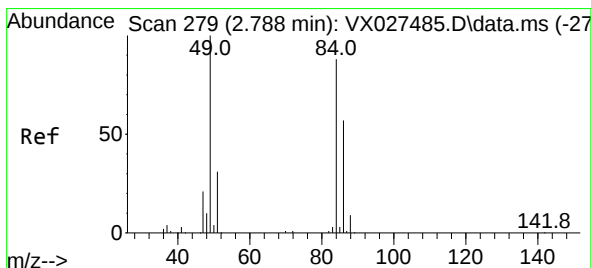
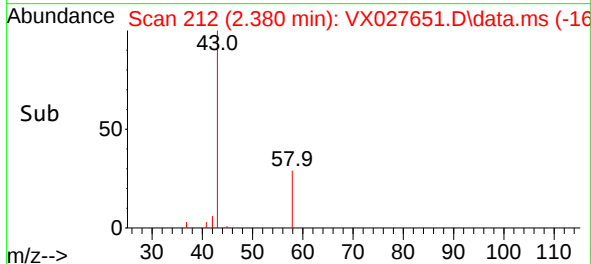
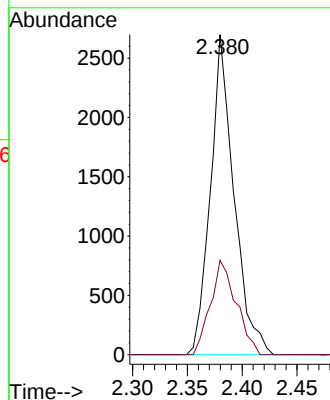
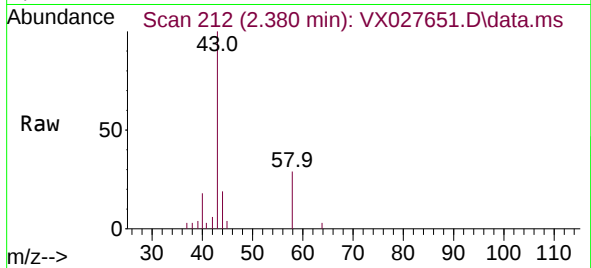




#16
Acetone
Concen: 2.266 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

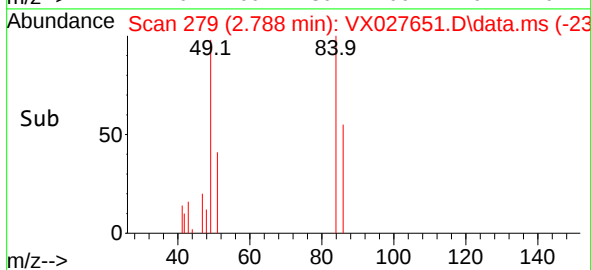
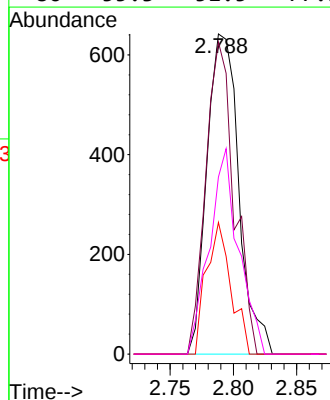
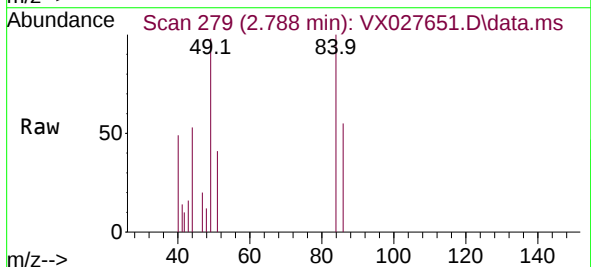
Instrument :
MSVOA_X
ClientSampleId :
TB

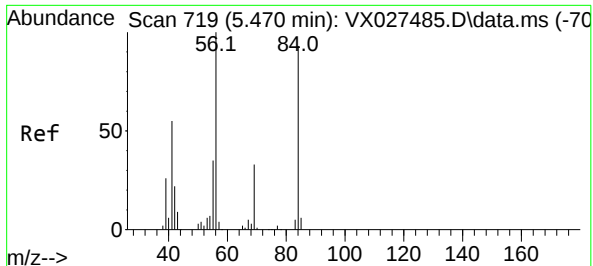
Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 29.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 84 Resp: 1124
Ion Ratio Lower Upper
84 100
49 97.5 85.5 128.3
51 41.1 26.6 39.8#
86 55.3 51.5 77.3

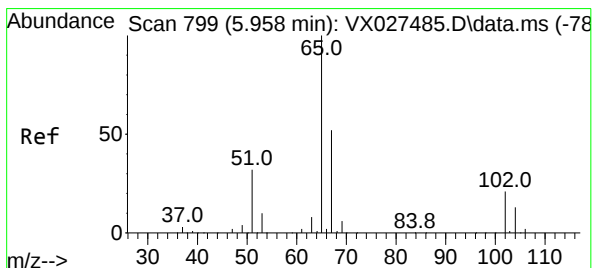
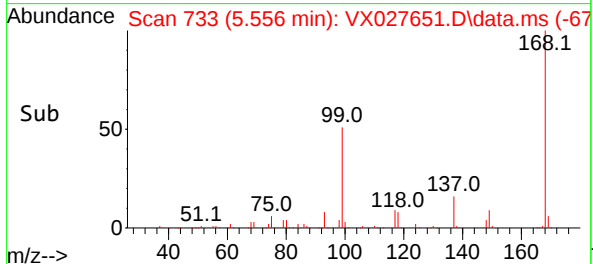
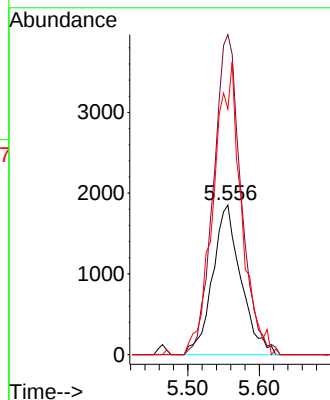
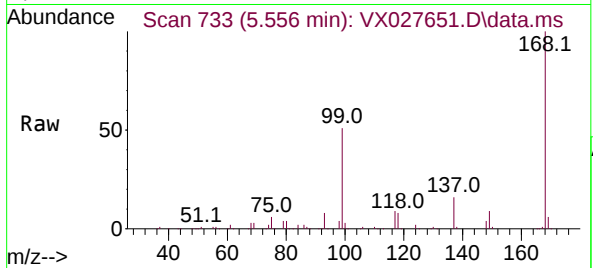




#31
Cyclohexane
Concen: 0.942 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

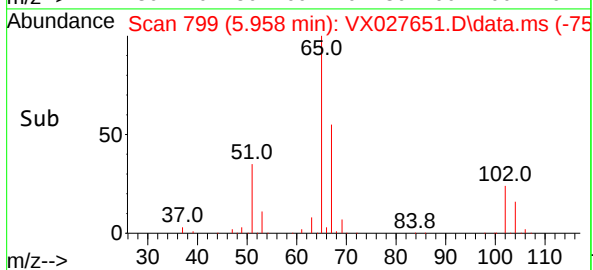
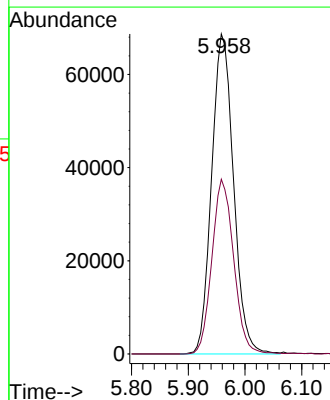
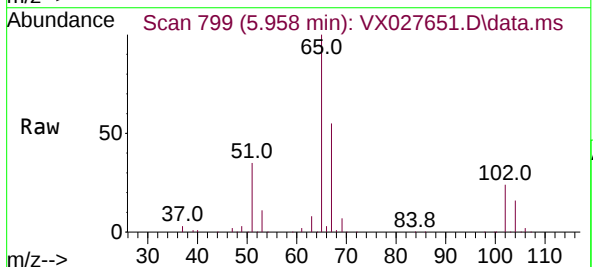
Instrument :
MSVOA_X
ClientSampleId :
TB

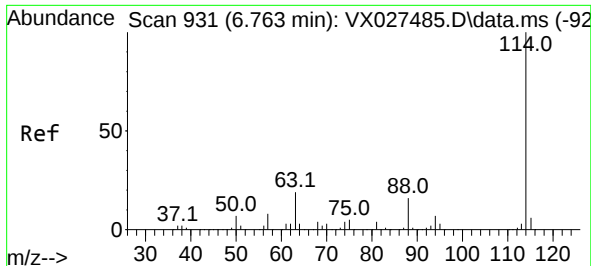
Tgt Ion: 56 Resp: 5107
Ion Ratio Lower Upper
56 100
69 213.8 26.7 40.1#
84 164.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.178 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 65 Resp: 184056
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.4

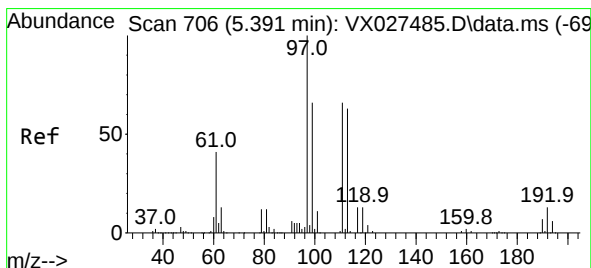
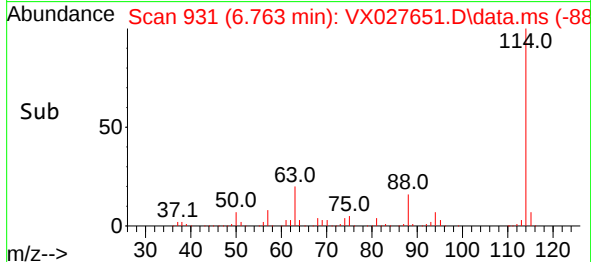
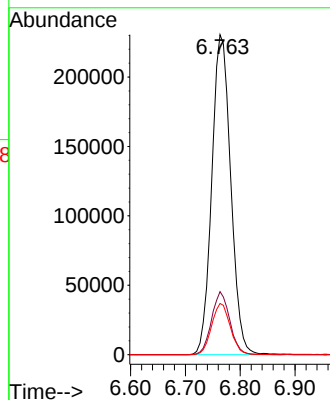
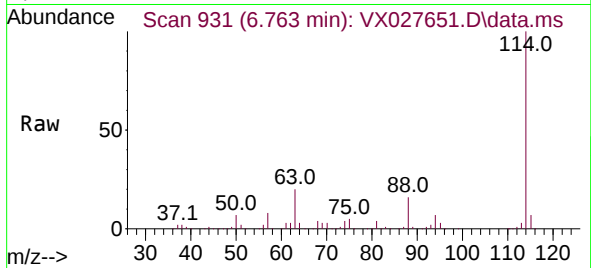




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX027651.D
 Acq: 23 Mar 2022 06:52

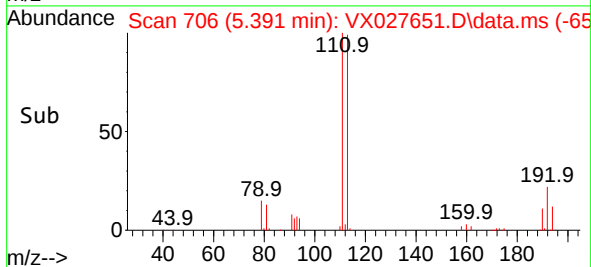
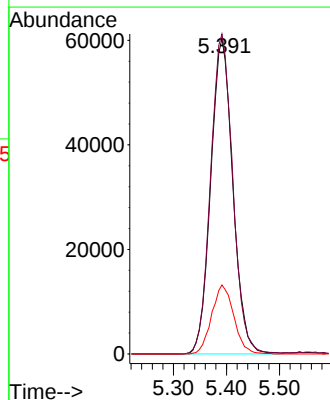
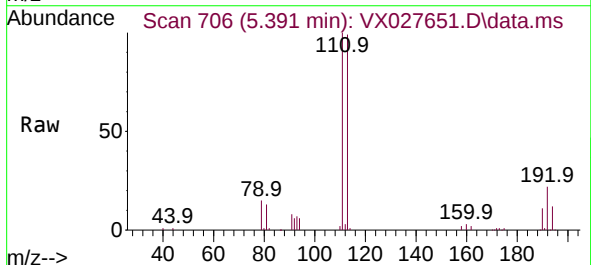
Instrument :
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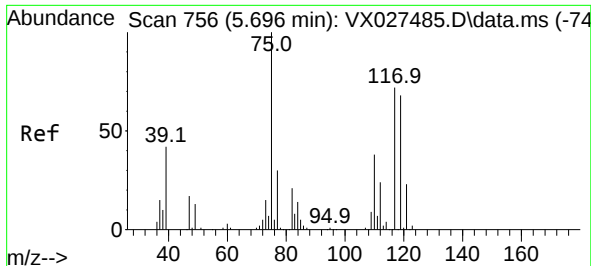
Tgt Ion:114 Resp: 552861
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.8
 88 16.0 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 48.937 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027651.D
 Acq: 23 Mar 2022 06:52

Tgt Ion:113 Resp: 174068
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 22.0 16.9 25.3

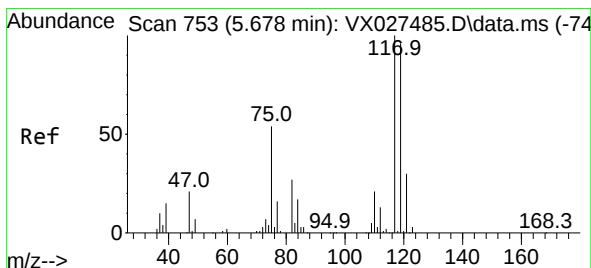
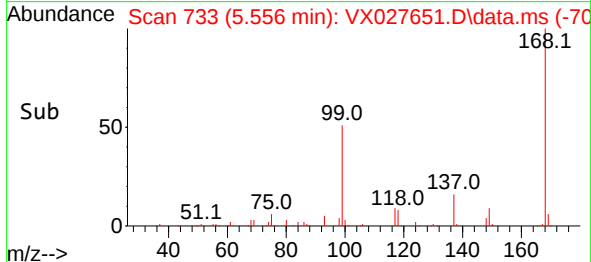
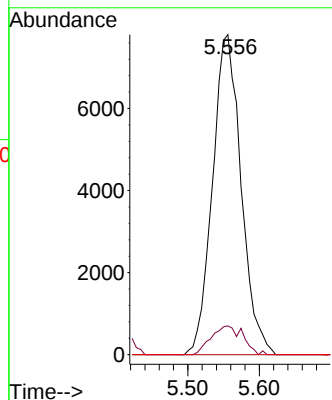
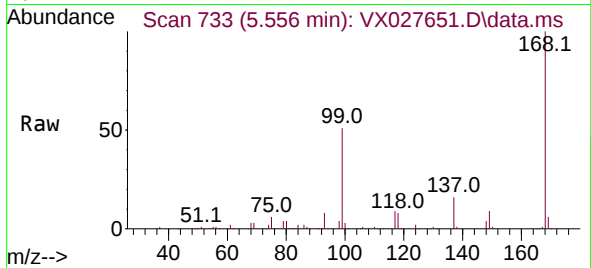




#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

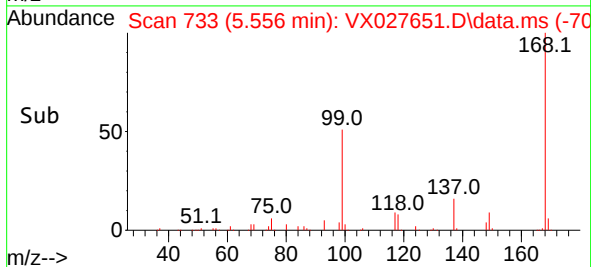
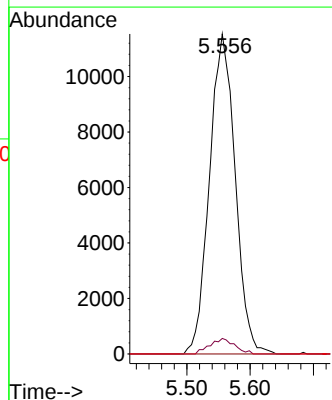
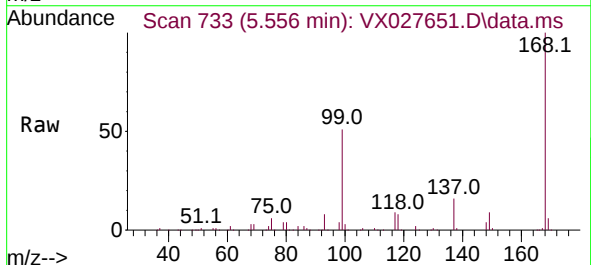
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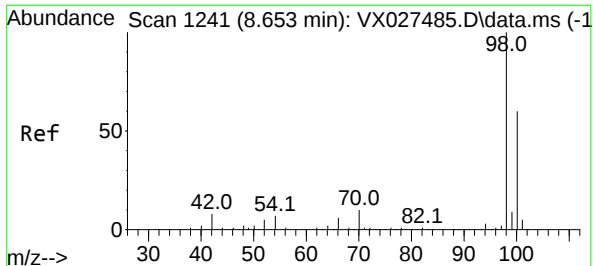
Tgt Ion: 75 Resp: 21629
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 117 Resp: 32577
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#

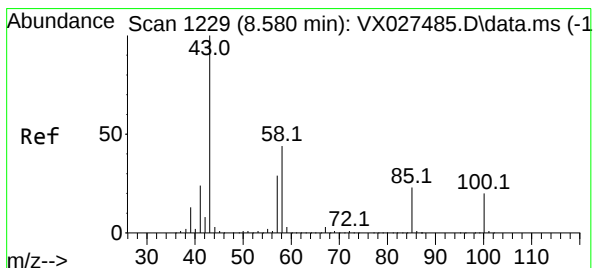
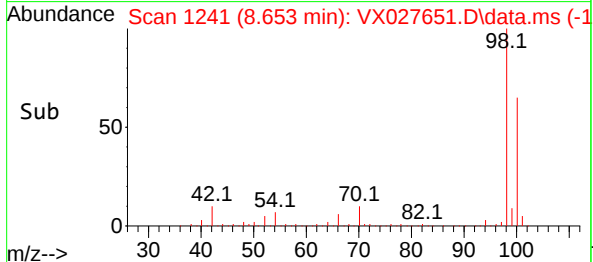
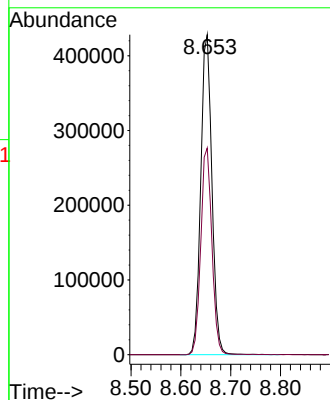
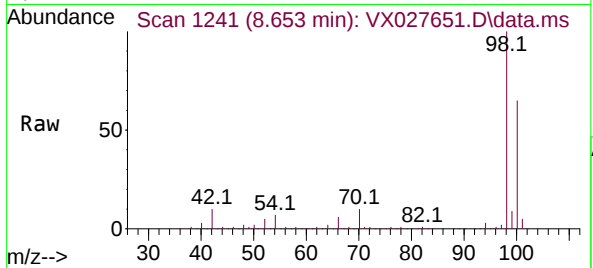




#50
Toluene-d8
Concen: 49.362 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

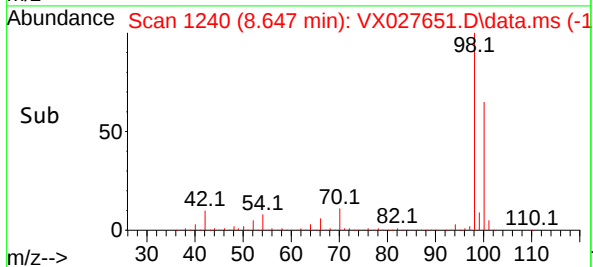
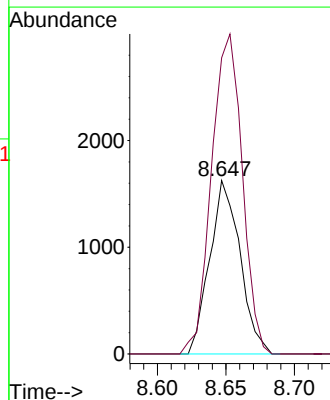
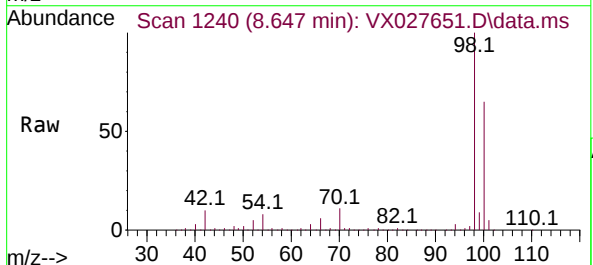
Instrument :
MSVOA_X
ClientSampleId :
TB

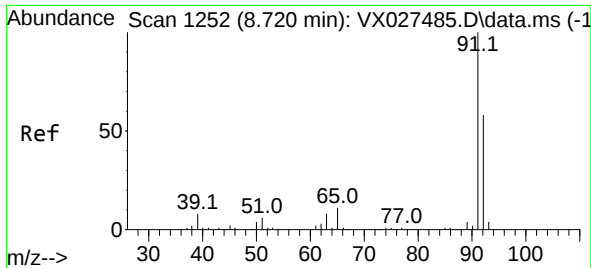
Tgt Ion: 98 Resp: 664421
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 186.8 36.1 54.1#





#52

Toluene

Concen: 0.319 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

Instrument :

MSVOA_X

ClientSampleId :

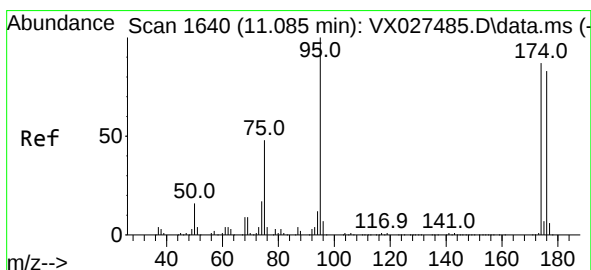
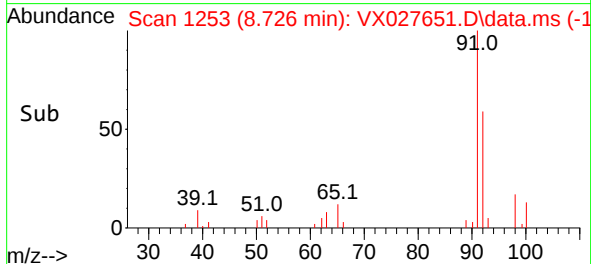
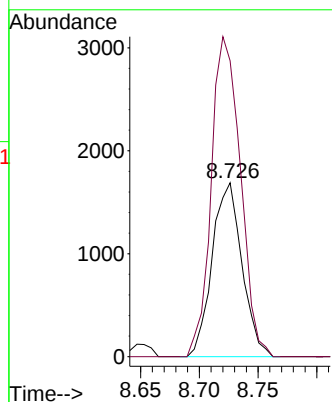
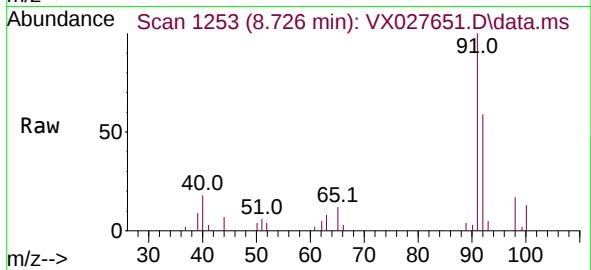
TB

Tgt Ion: 92 Resp: 2982

Ion Ratio Lower Upper

92 100

91 180.2 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 47.698 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

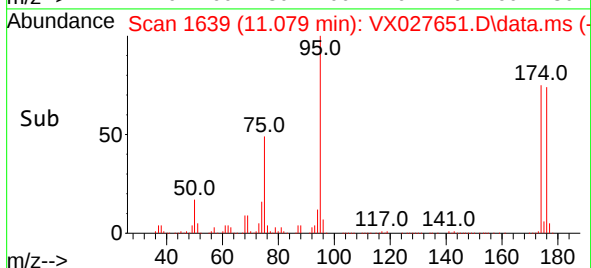
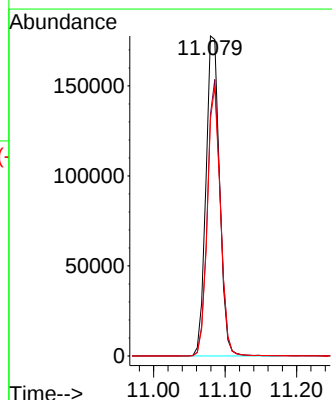
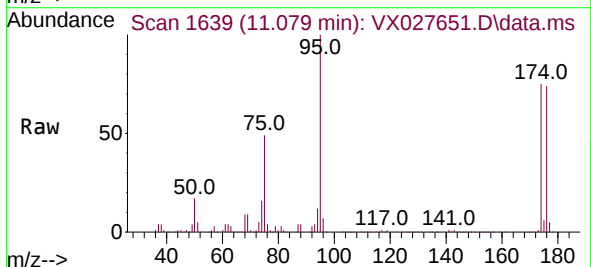
Tgt Ion: 95 Resp: 235979

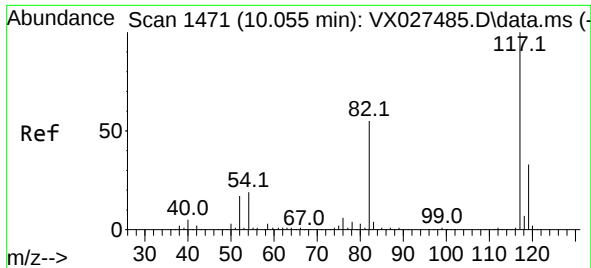
Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.0

176 80.0 0.0 155.0

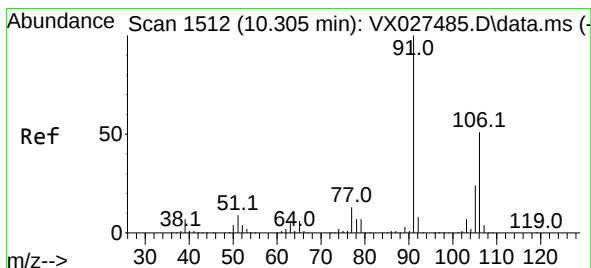
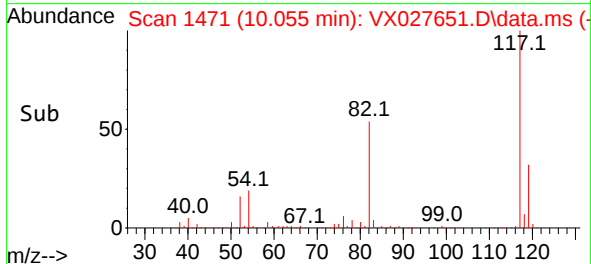
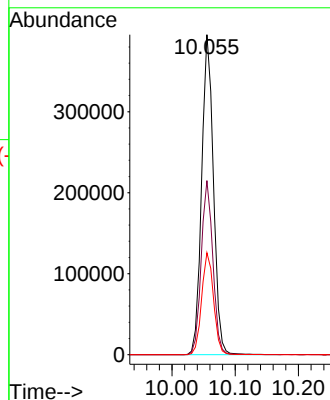
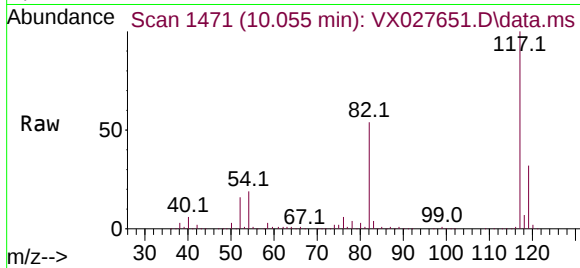




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

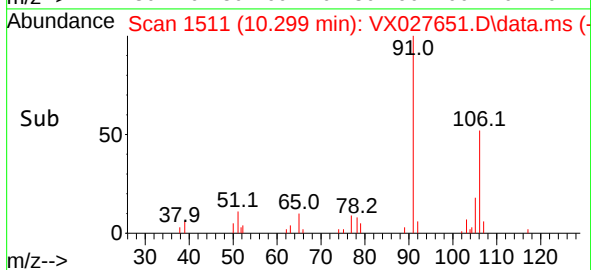
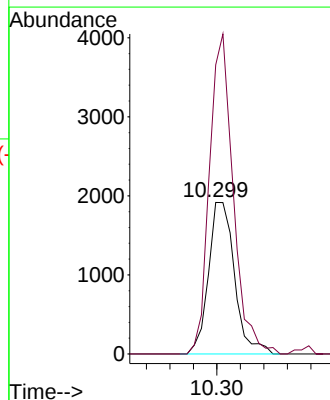
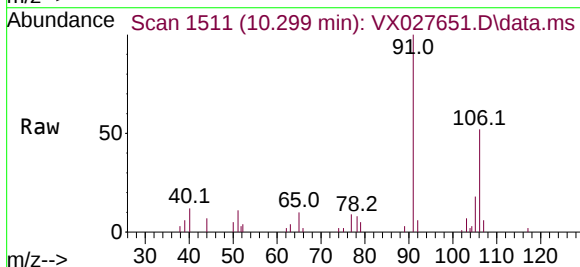
Instrument :
MSVOA_X
ClientSampleId :
TB

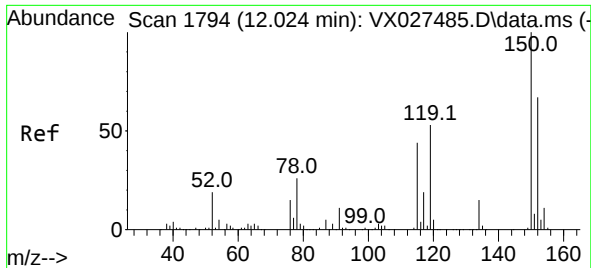
Tgt Ion:117 Resp: 513144
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 0.416 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion:106 Resp: 2957
Ion Ratio Lower Upper
106 100
91 192.1 160.4 240.6

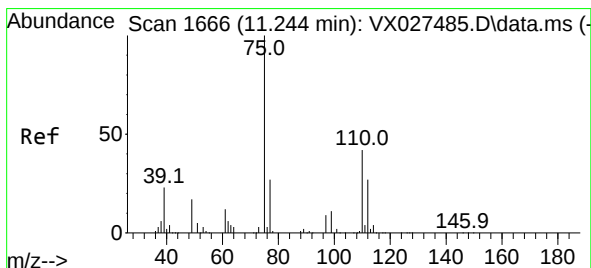
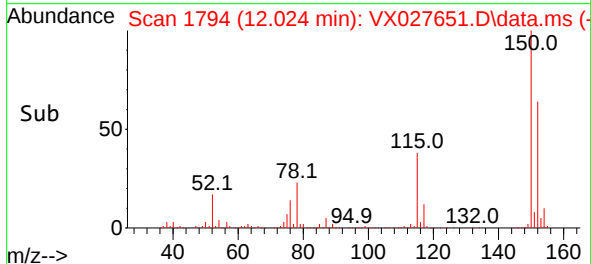
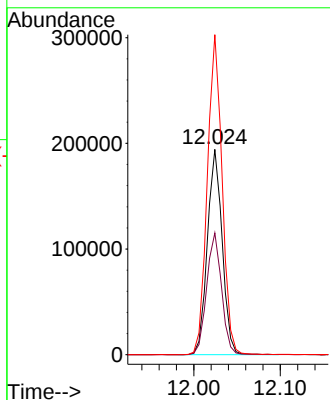
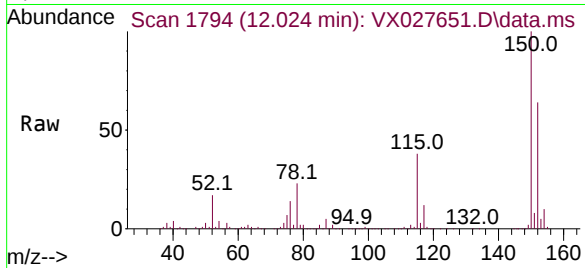




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027651.D
 Acq: 23 Mar 2022 06:52

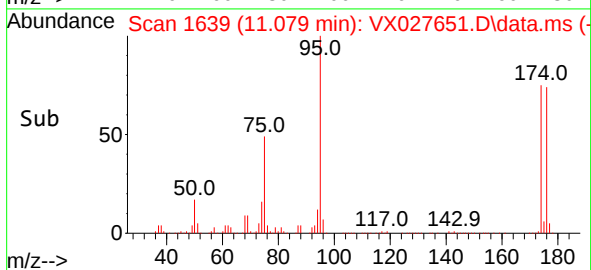
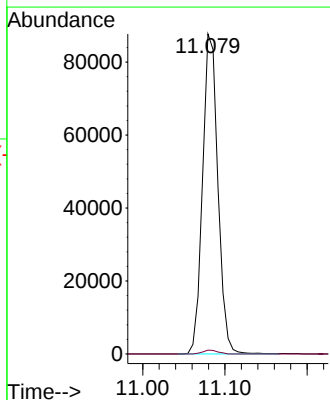
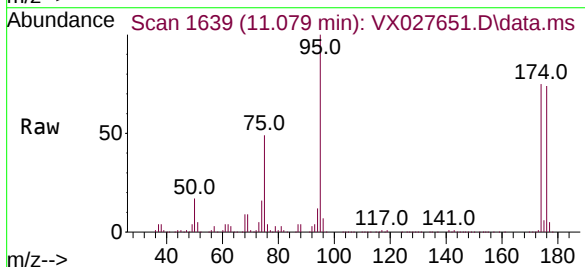
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

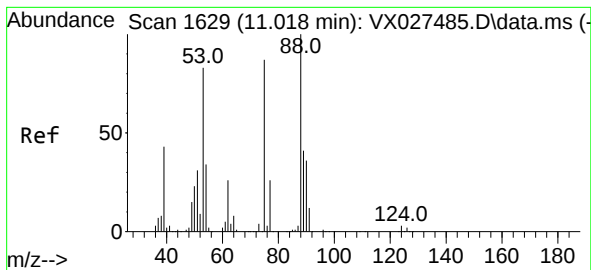
Tgt Ion:152 Resp: 230937
 Ion Ratio Lower Upper
 152 100
 115 59.7 37.5 112.7
 150 155.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.535 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX027651.D
 Acq: 23 Mar 2022 06:52

Tgt Ion: 75 Resp: 113683
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.476 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027651.D
 Acq: 23 Mar 2022 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 113683
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

