

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027853.D
 Acq On : 31 Mar 2022 17:17
 Operator : JC/MD
 Sample : N2074-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20220318

Quant Time: Apr 01 04:09:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

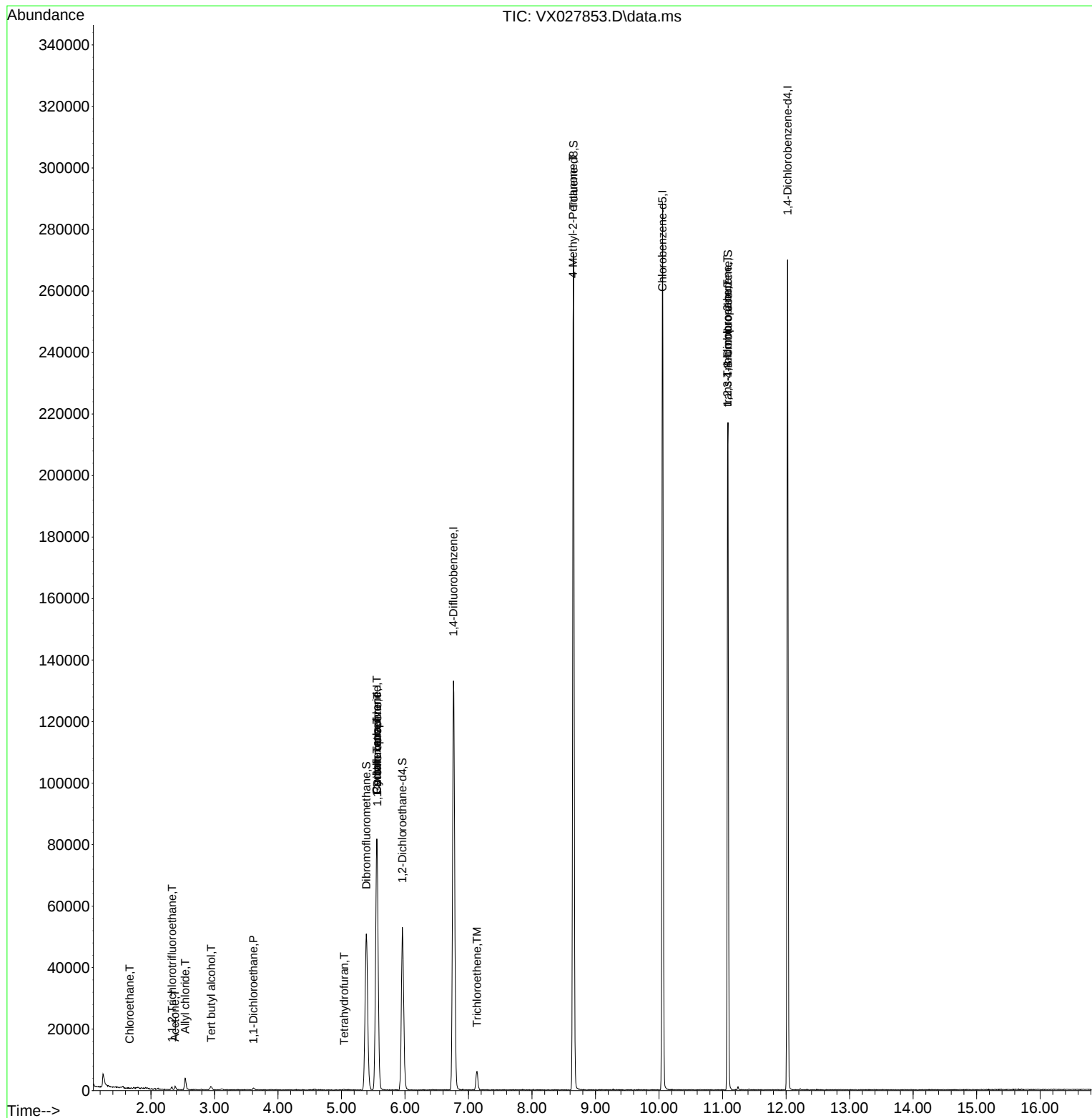
Internal Standards						
1) Pentafluorobenzene	5.556	168	77619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50309	50.234	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.460%	
35) Dibromofluoromethane	5.391	113	43712	53.075	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.160%	
50) Toluene-d8	8.653	98	153523	52.980	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	11.085	95	59822	48.579	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.160%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	322	0.749	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	285	0.392	ug/l #	87
11) Tert butyl alcohol	2.947	59	808	4.200	ug/l #	72
14) Allyl chloride	2.538	41	386	0.315	ug/l #	39
16) Acetone	2.380	43	1085	2.448	ug/l	94
24) 1,1-Dichloroethane	3.611	63	879	0.637	ug/l #	81
29) Tetrahydrofuran	5.044	42	193	0.466	ug/l #	25
31) Cyclohexane	5.556	56	1625	1.468	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5891	5.679	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7681	6.702	ug/l #	17
44) Trichloroethene	7.135	130	2457	2.876	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	813	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32744	28.432	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32744	83.000	ug/l #	15

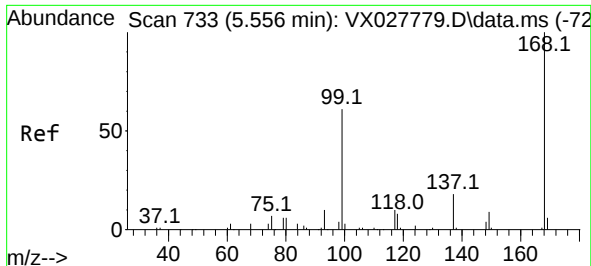
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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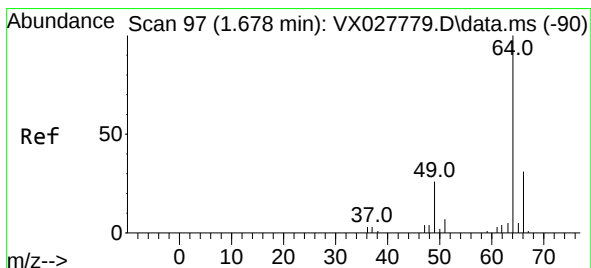
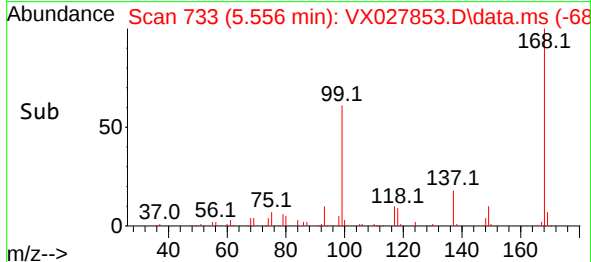
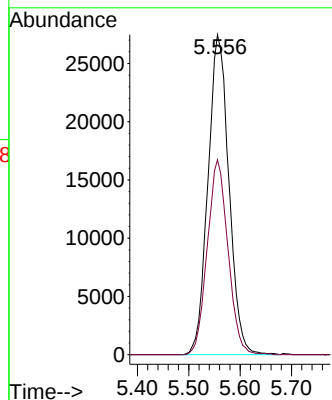
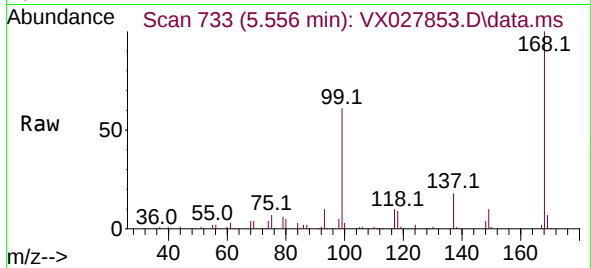




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

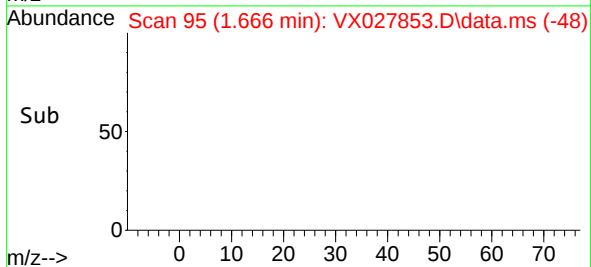
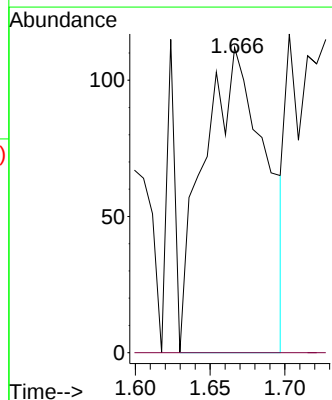
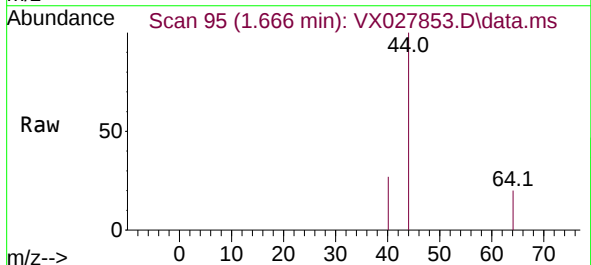
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

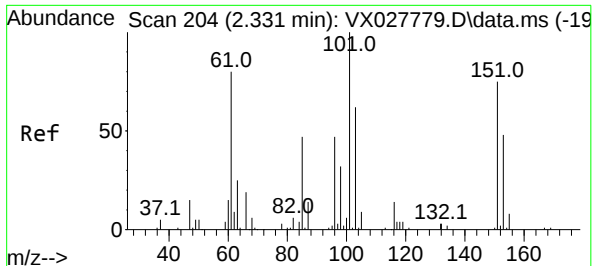
Tgt Ion:168 Resp: 77619
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#6
Chloroethane
Concen: 0.749 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

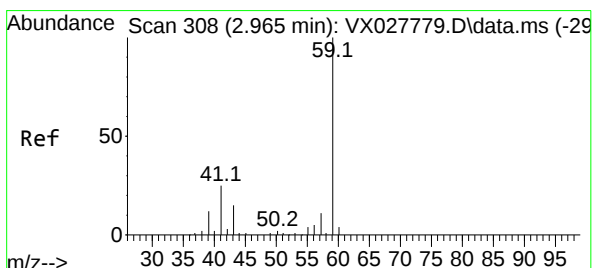
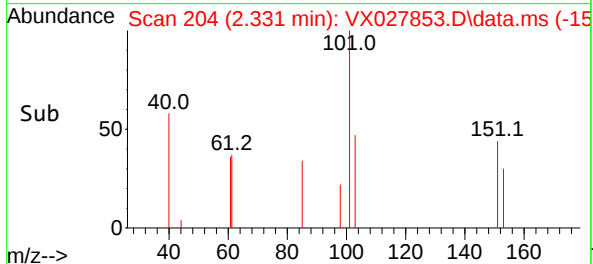
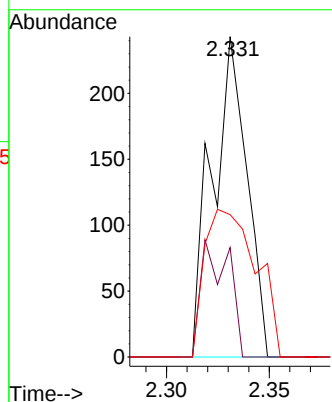
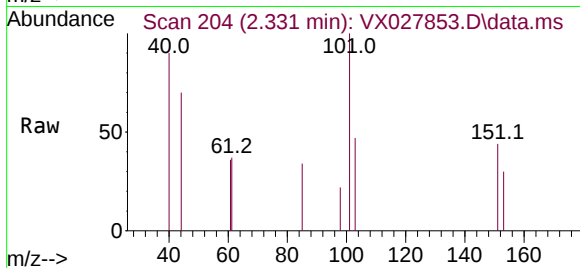




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.392 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

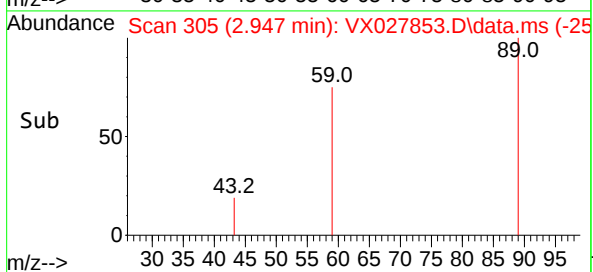
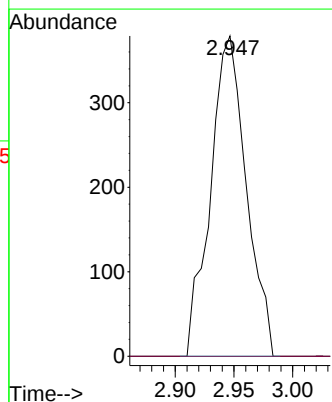
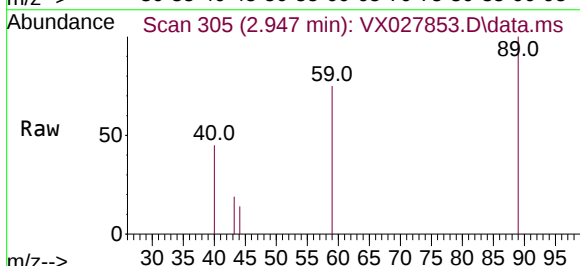
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

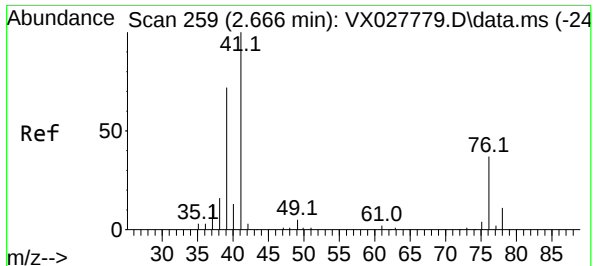
Tgt Ion:101 Resp: 285
Ion Ratio Lower Upper
101 100
85 29.1 33.5 50.3#
151 68.8 61.8 92.6



#11
Tert butyl alcohol
Concen: 4.200 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 59 Resp: 808
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.315 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.128 min

Lab File: VX027853.D

Acq: 31 Mar 2022 17:17

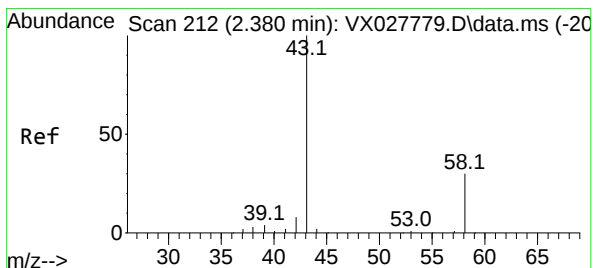
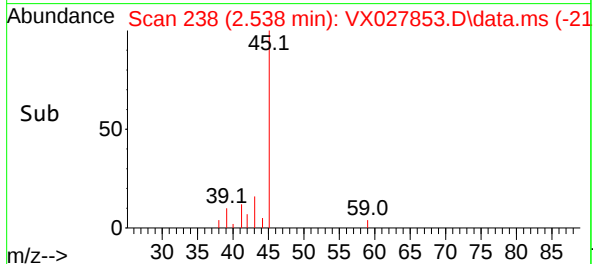
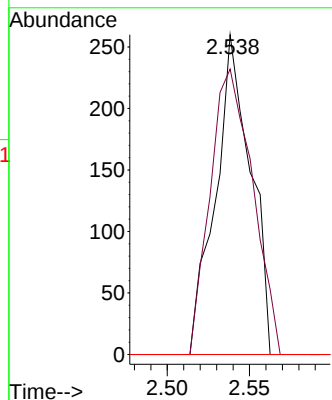
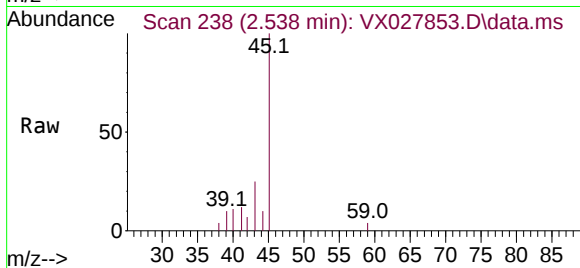
Instrument :

MSVOA_X

ClientSampleId :

TT180D-20220318

Tgt Ion: 41	Resp: 386
Ion Ratio	Lower Upper
41 100	
39 108.0	50.4 75.6#
76 0.0	32.7 49.1#



#16

Acetone

Concen: 2.448 ug/l

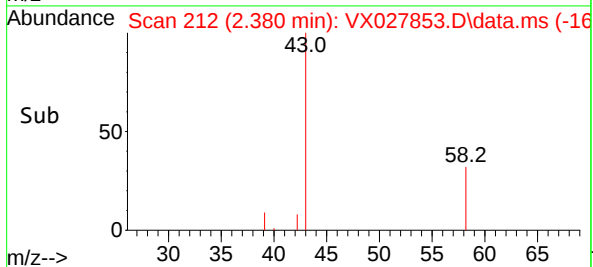
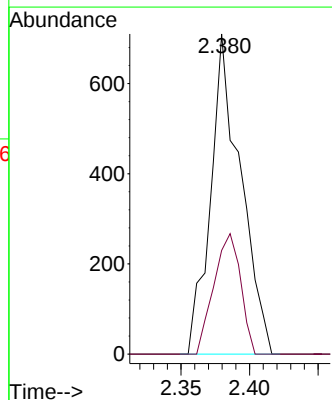
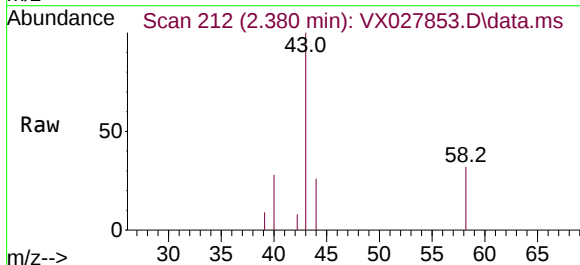
RT: 2.380 min Scan# 212

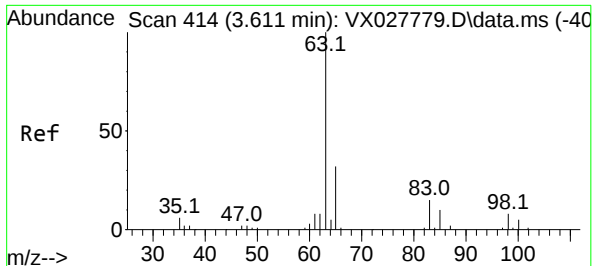
Delta R.T. -0.000 min

Lab File: VX027853.D

Acq: 31 Mar 2022 17:17

Tgt Ion: 43	Resp: 1085
Ion Ratio	Lower Upper
43 100	
58 32.4	28.8 43.2

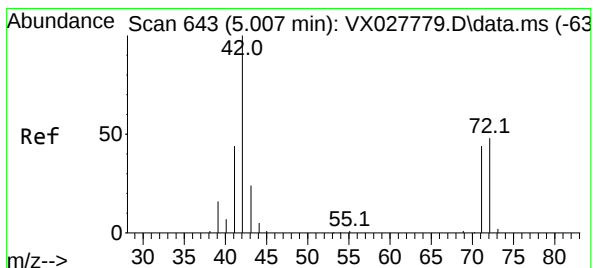
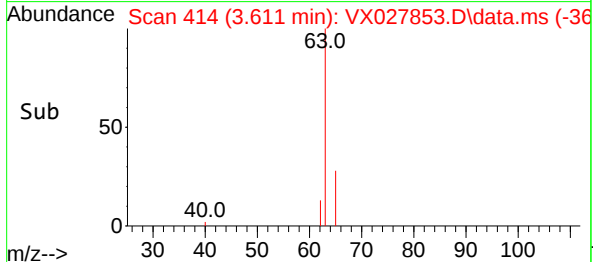
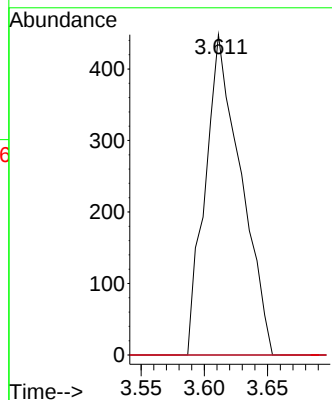
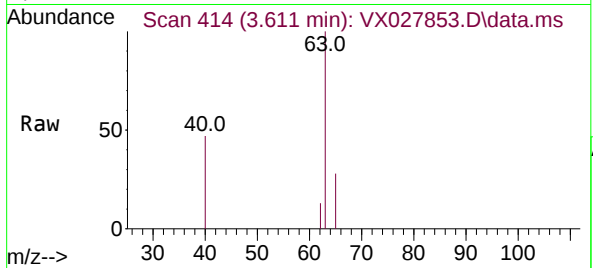




#24
1,1-Dichloroethane
Concen: 0.637 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

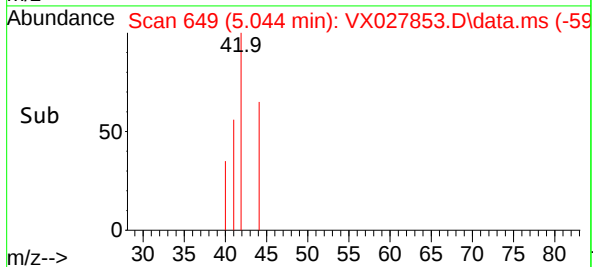
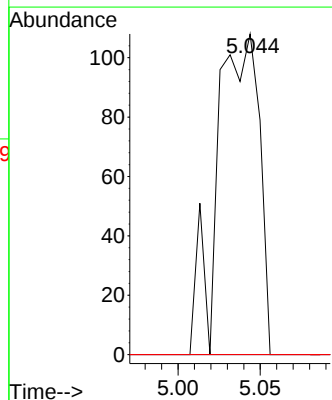
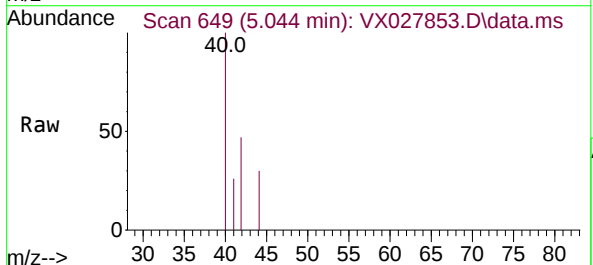
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

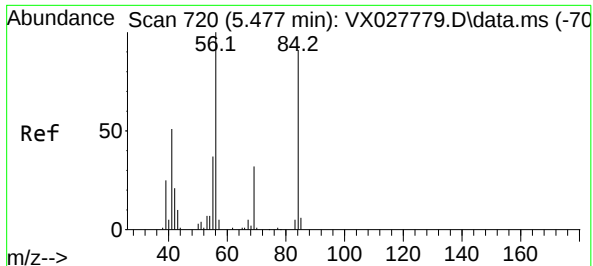
Tgt Ion: 63 Resp: 879
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#



#29
Tetrahydrofuran
Concen: 0.466 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 42 Resp: 193
Ion Ratio Lower Upper
42 100
72 0.0 44.1 66.1#
71 0.0 40.5 60.7#

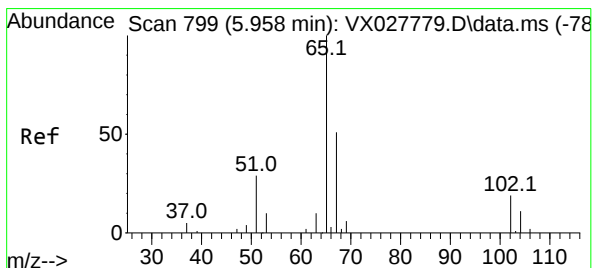
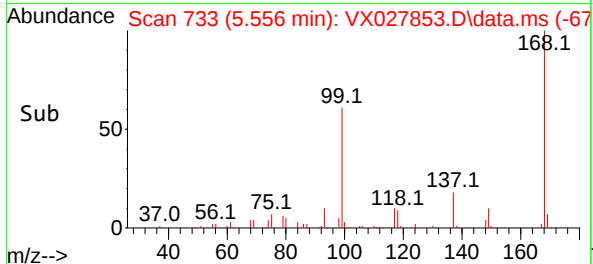
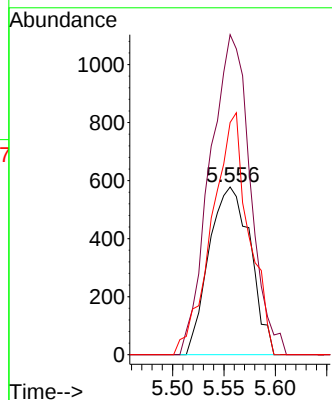
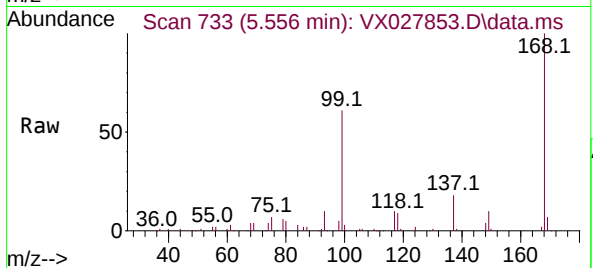




#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

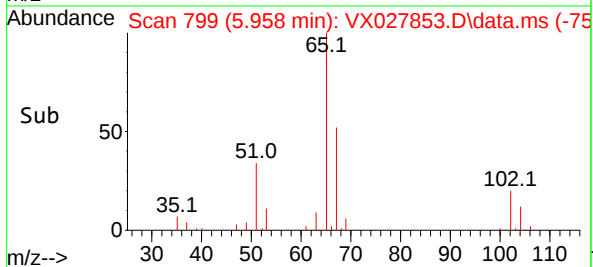
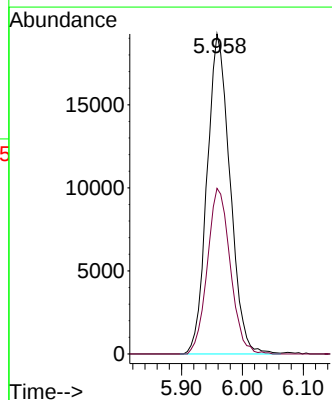
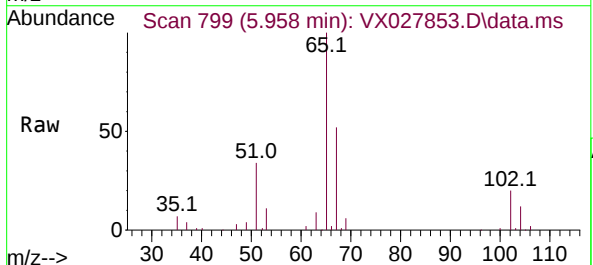
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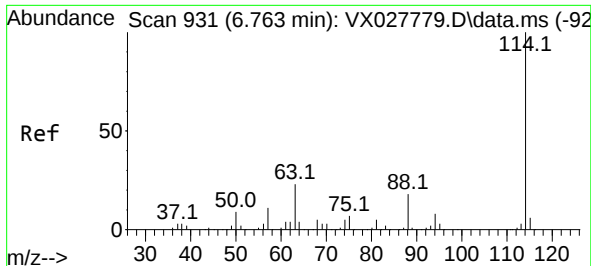
Tgt Ion: 56 Resp: 1625
Ion Ratio Lower Upper
56 100
69 190.8 26.7 40.1#
84 138.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.234 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 65 Resp: 50309
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

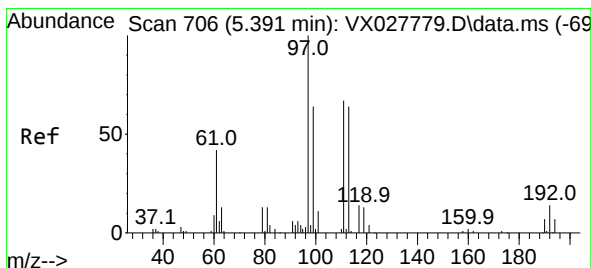
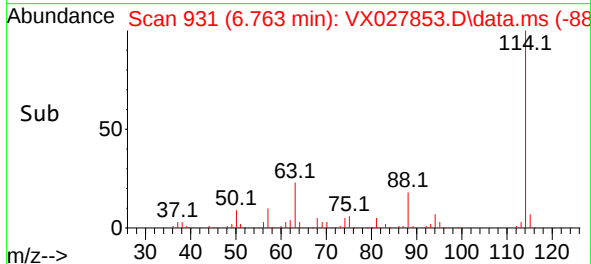
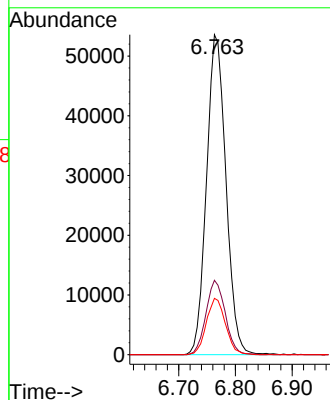
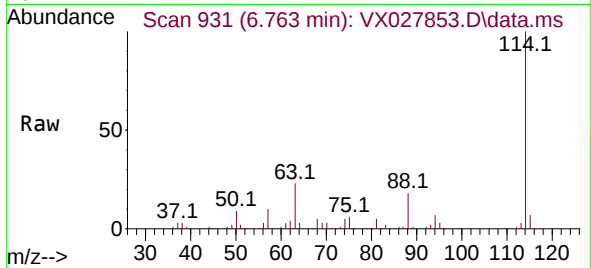




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

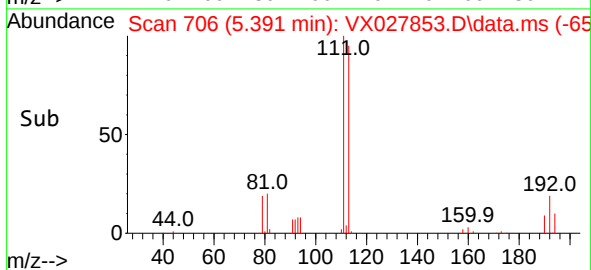
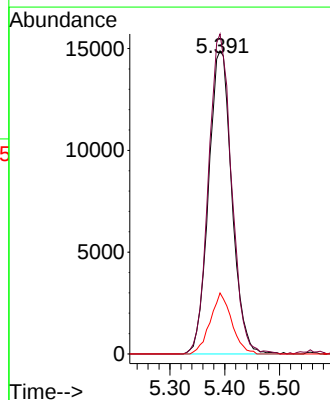
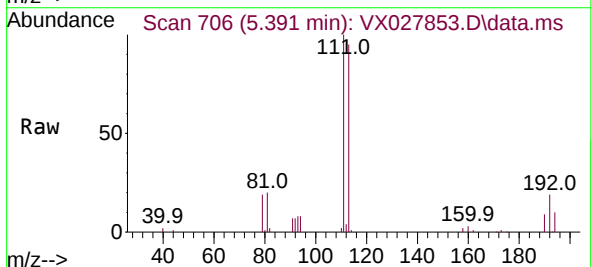
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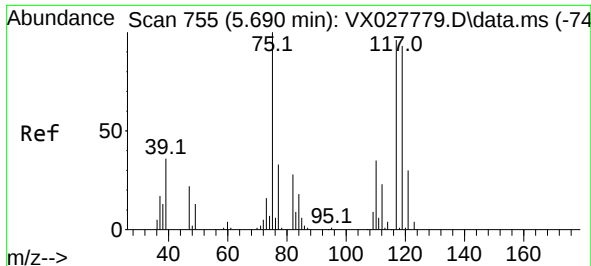
Tgt Ion:114 Resp: 127593
Ion Ratio Lower Upper
114 100
63 23.2 0.0 36.8
88 17.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.075 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion:113 Resp: 43712
Ion Ratio Lower Upper
113 100
111 105.0 82.8 124.2
192 18.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.679 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX027853.D

Acq: 31 Mar 2022 17:17

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20220318

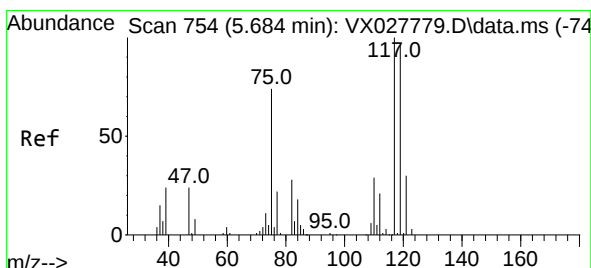
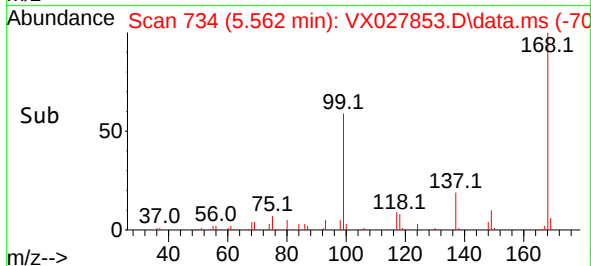
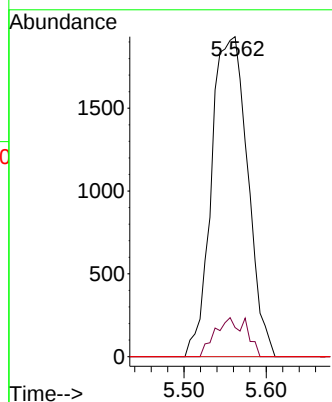
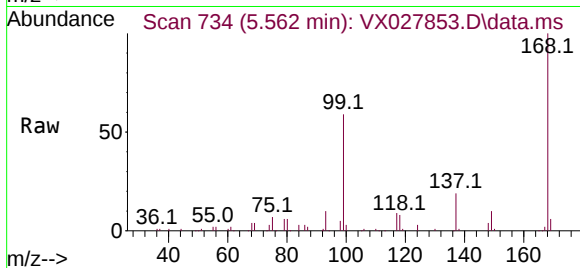
Tgt Ion: 75 Resp: 5891

Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.702 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027853.D

Acq: 31 Mar 2022 17:17

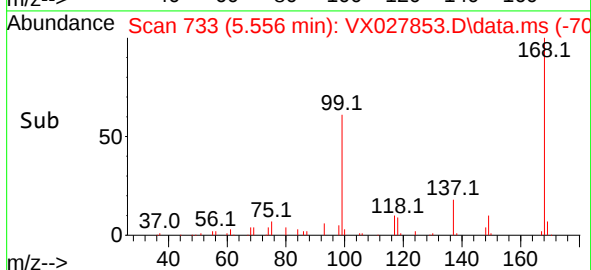
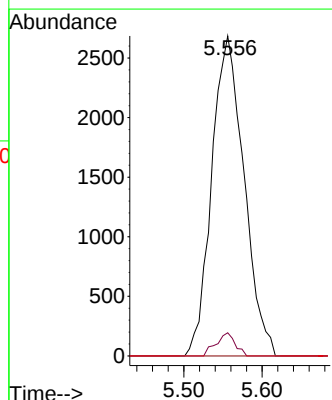
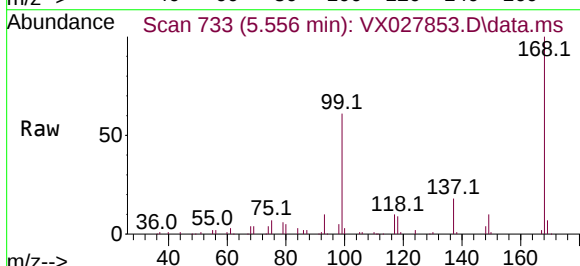
Tgt Ion: 117 Resp: 7681

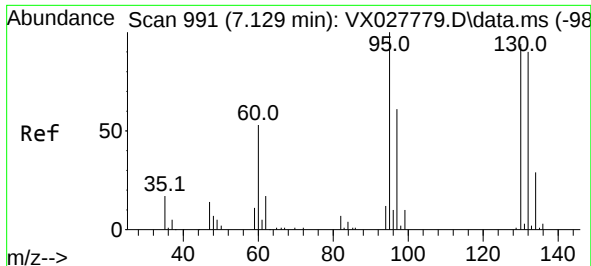
Ion Ratio Lower Upper

117 100

119 7.2 77.3 115.9#

121 0.0 24.2 36.2#

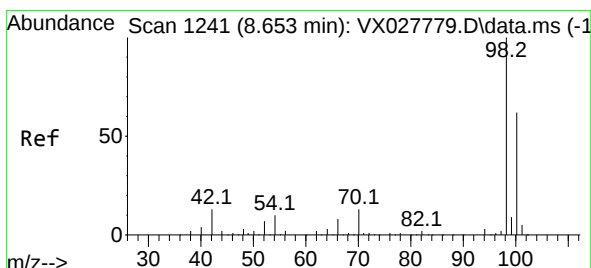
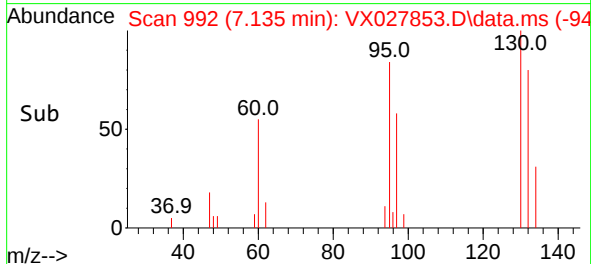
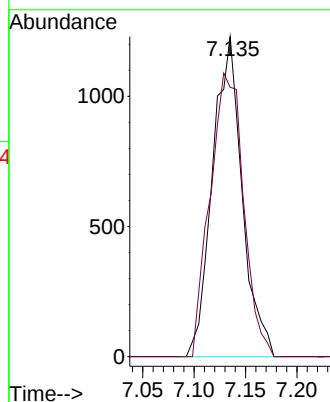
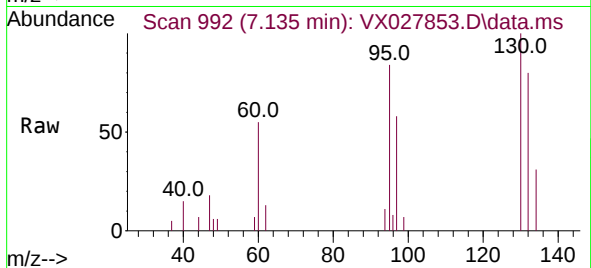




#44
Trichloroethene
Concen: 2.876 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

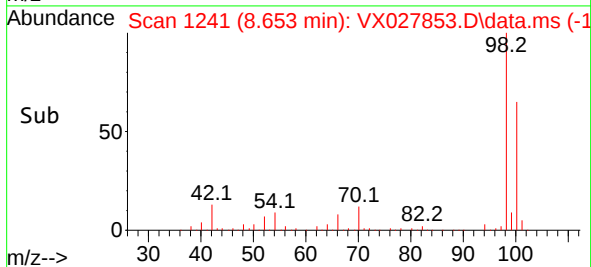
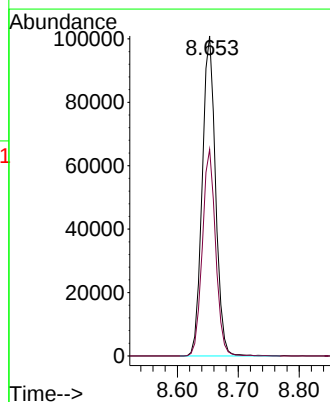
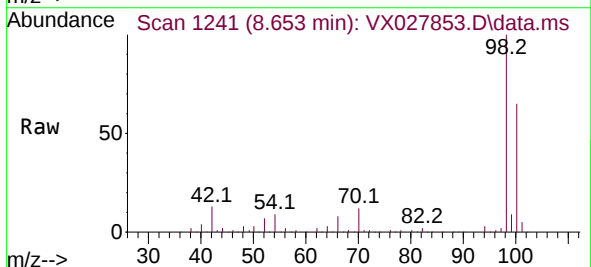
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

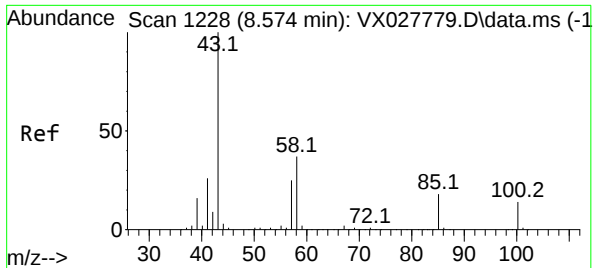
Tgt Ion:130 Resp: 2457
Ion Ratio Lower Upper
130 100
95 84.2 0.0 188.8



#50
Toluene-d8
Concen: 52.980 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 98 Resp: 153523
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

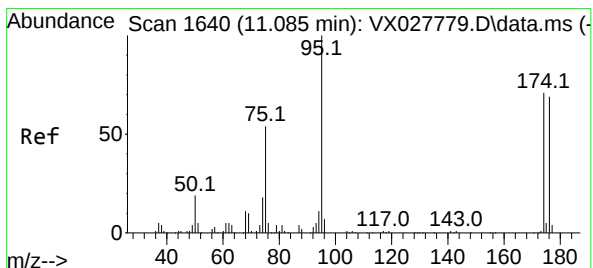
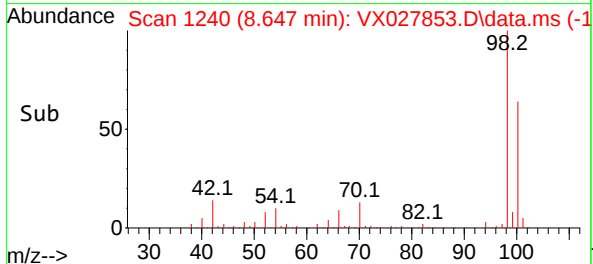
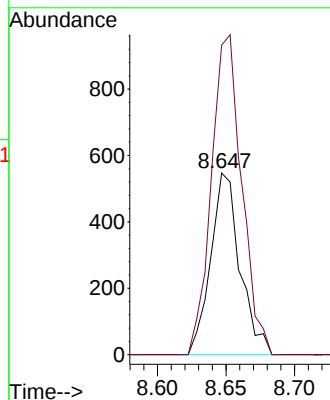
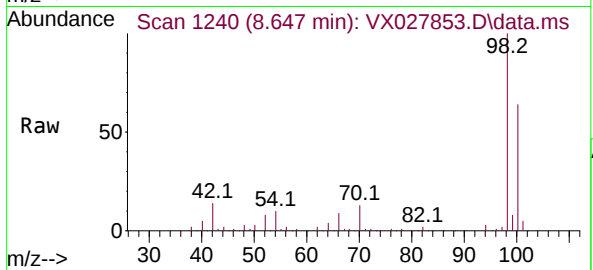




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

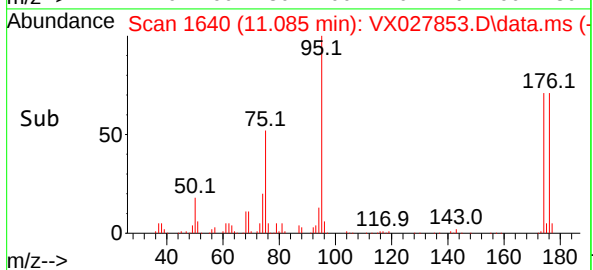
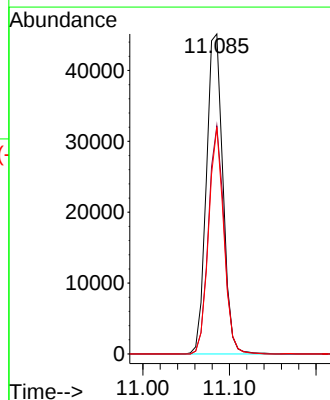
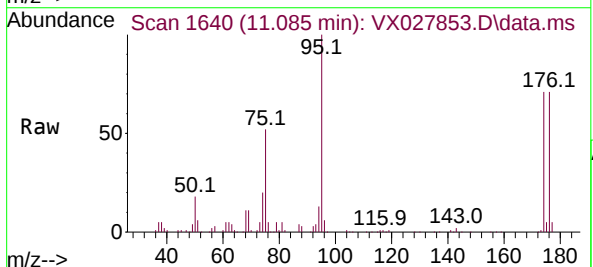
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

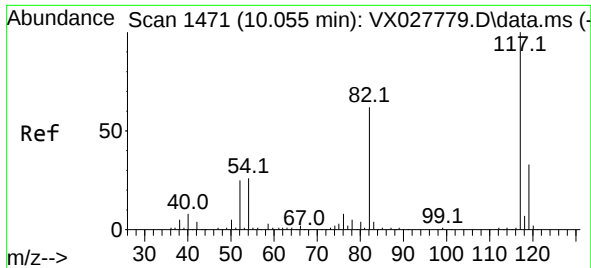
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 182.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 95 Resp: 59822
Ion Ratio Lower Upper
95 100
174 67.5 0.0 163.0
176 65.1 0.0 155.0

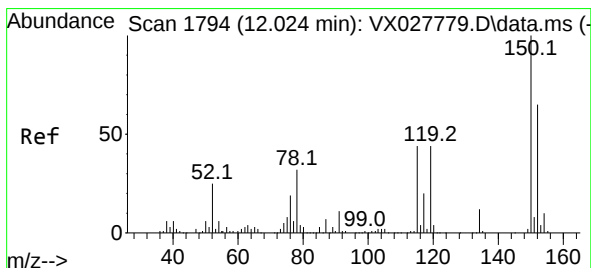
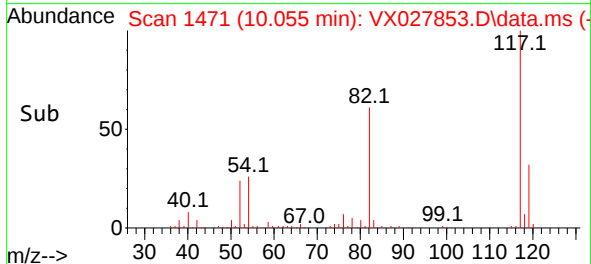
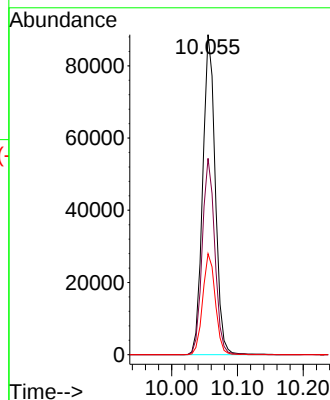
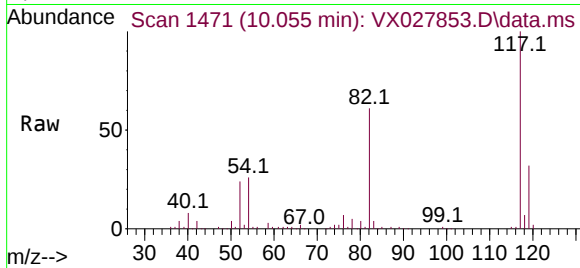




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

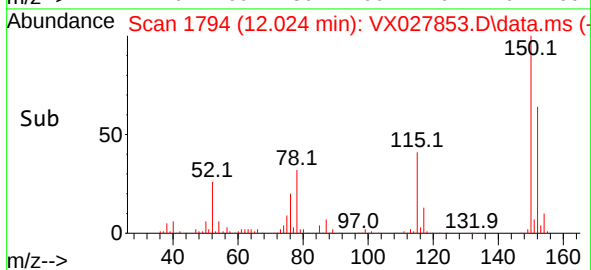
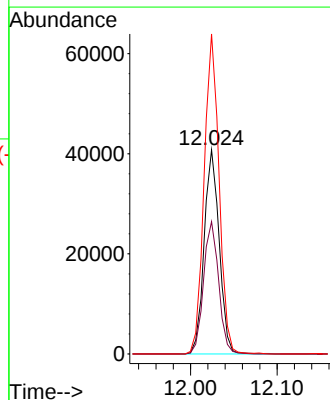
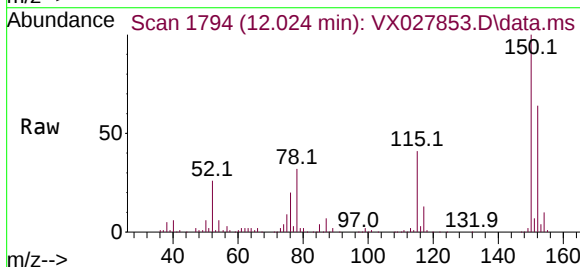
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

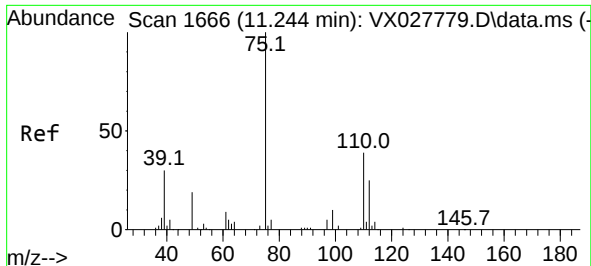
Tgt Ion:117 Resp: 117135
Ion Ratio Lower Upper
117 100
82 61.4 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion:152 Resp: 49093
Ion Ratio Lower Upper
152 100
115 65.1 37.5 112.7
150 156.0 0.0 338.2

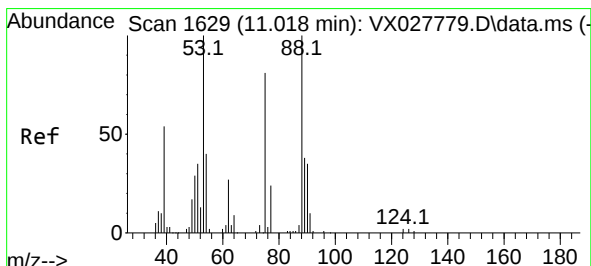
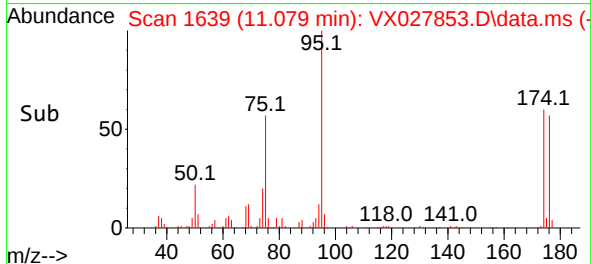
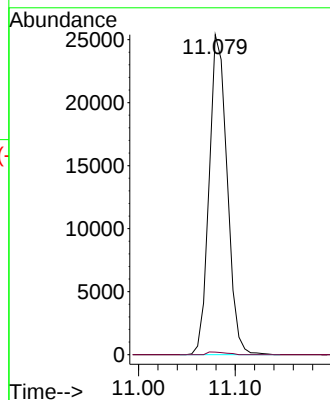
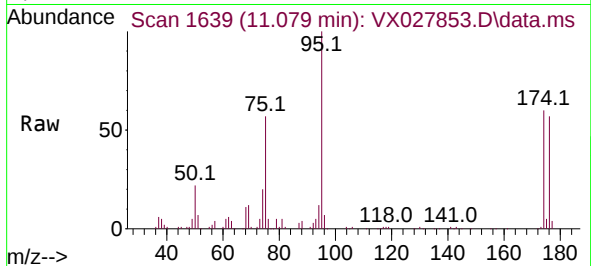




#76
1,2,3-Trichloropropane
Concen: 28.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Instrument :
MSVOA_X
ClientSampleId :
TT180D-20220318

Tgt Ion: 75 Resp: 32744
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027853.D
Acq: 31 Mar 2022 17:17

Tgt Ion: 75 Resp: 32744
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

