

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027815.D
 Acq On : 30 Mar 2022 17:01
 Operator : JC/MD
 Sample : N2074-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20220318

Quant Time: Mar 31 05:50:39 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)

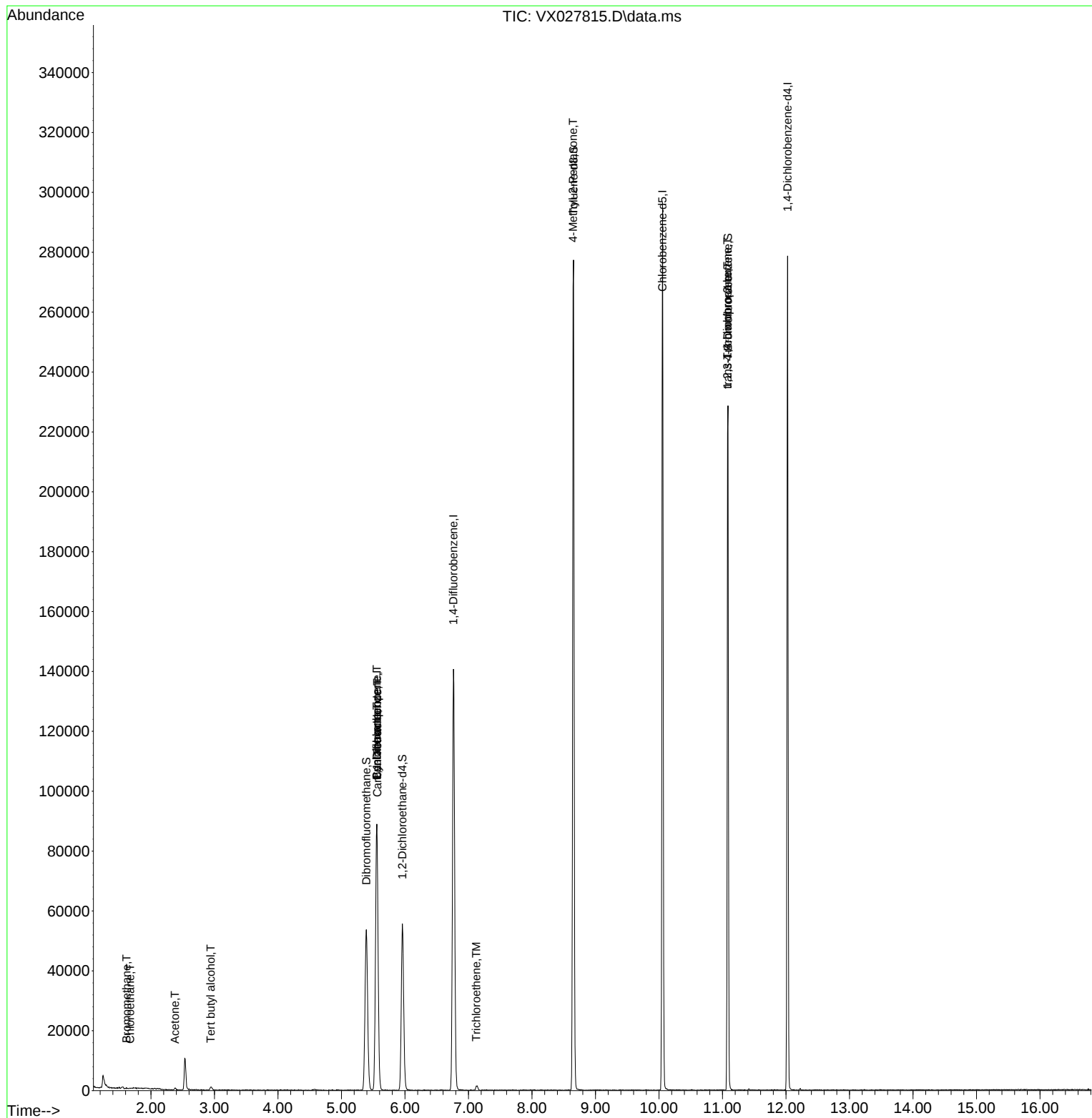
Internal Standards						
1) Pentafluorobenzene	5.556	168	83635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119290	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54190	50.217	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.440%	
35) Dibromofluoromethane	5.391	113	47591	51.122	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.240%	
50) Toluene-d8	8.653	98	161227	49.223	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	11.086	95	61921	44.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	116	0.375	ug/l #	57
6) Chloroethane	1.673	64	99	0.214	ug/l #	43
11) Tert butyl alcohol	2.941	59	802	3.869	ug/l #	72
16) Acetone	2.380	43	746	1.562	ug/l	88
31) Cyclohexane	5.556	56	1845	1.547	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	6179	5.270	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8773	6.772	ug/l #	14
44) Trichloroethene	7.123	130	672	0.696	ug/l	69
51) 4-Methyl-2-Pentanone	8.647	43	905	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35566	30.504	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35566	88.792	ug/l #	15

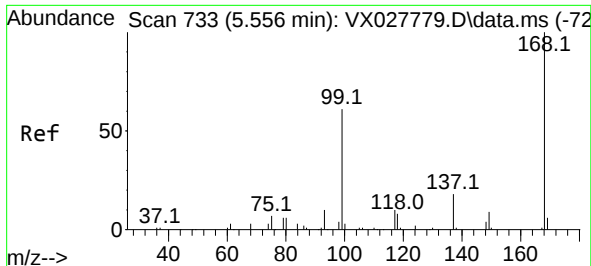
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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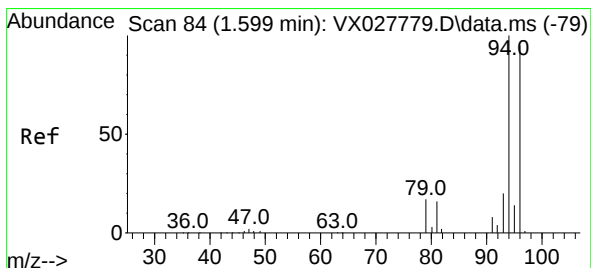
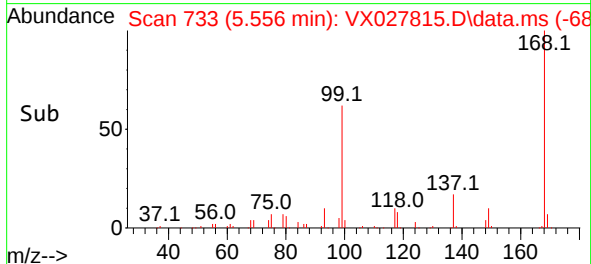
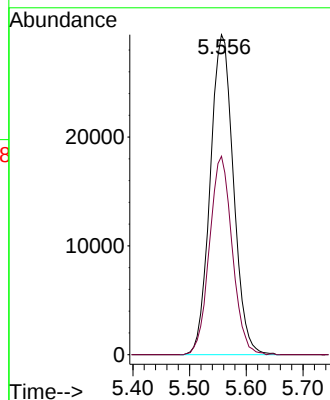
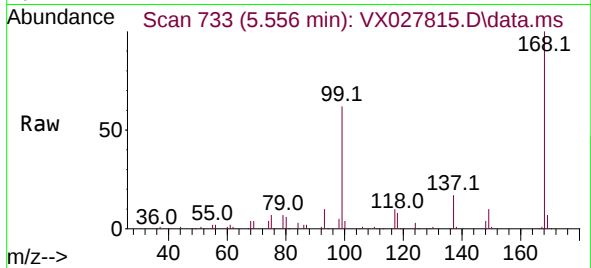




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

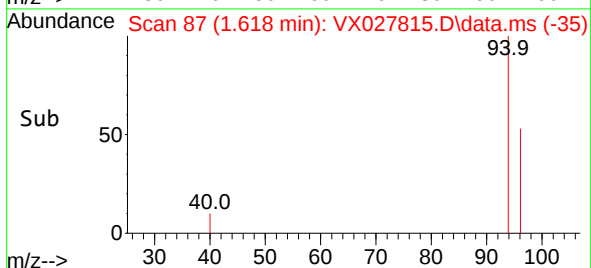
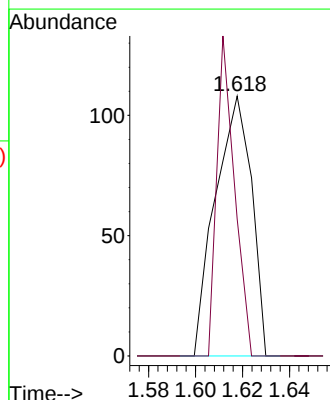
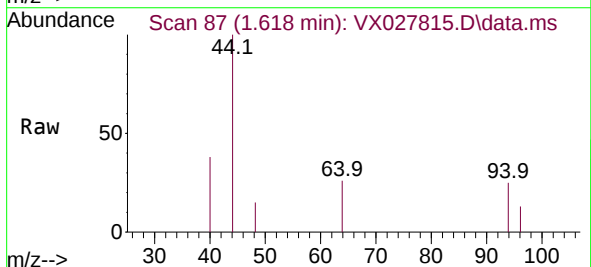
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220318

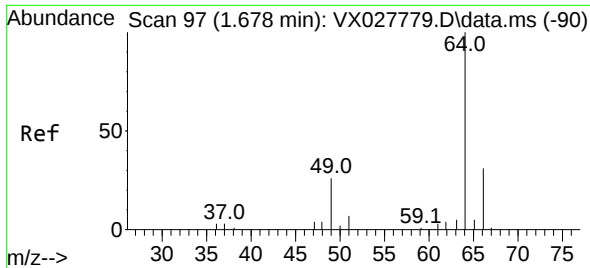
Tgt Ion:168 Resp: 83635
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#5
Bromomethane
Concen: 0.375 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 52.8 75.3 112.9#

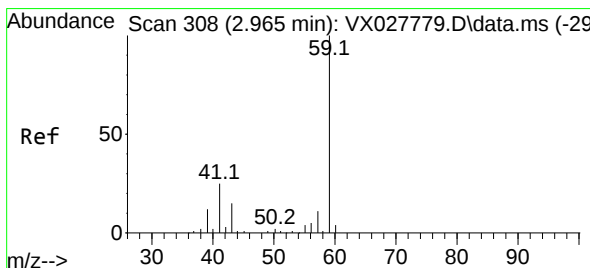
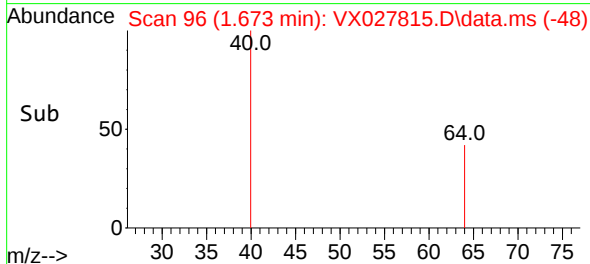
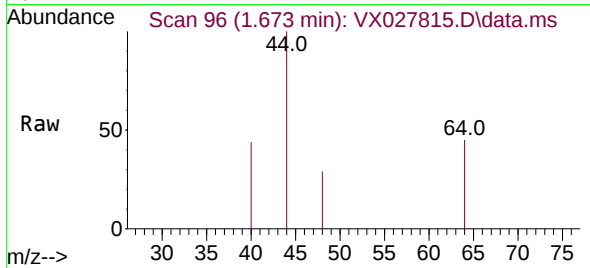




#6
Chloroethane
Concen: 0.214 ug/l
RT: 1.673 min Scan# 90
Delta R.T. -0.005 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

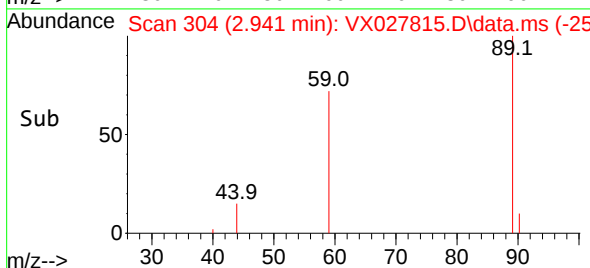
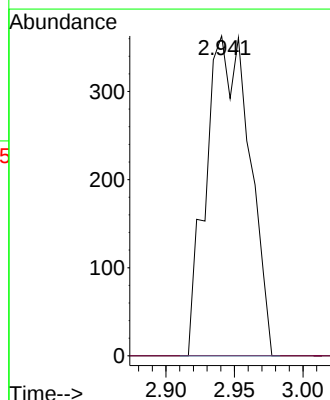
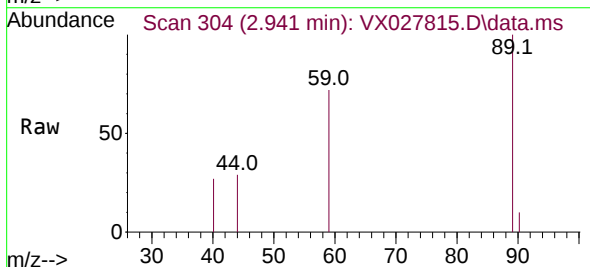
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220318

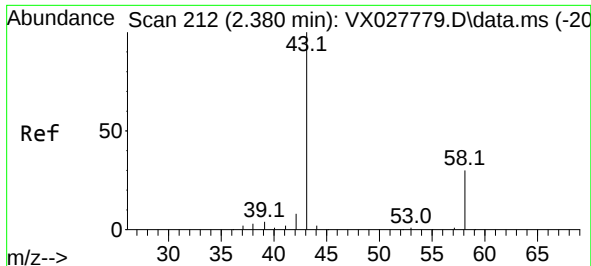
Tgt Ion: 64 Resp: 99
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.869 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion: 59 Resp: 802
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

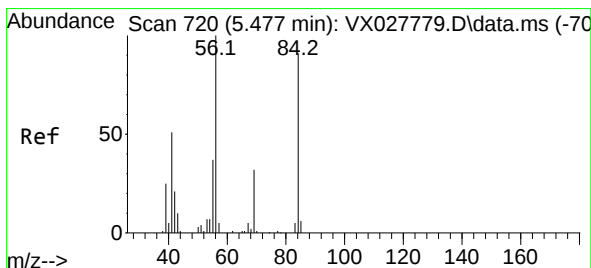
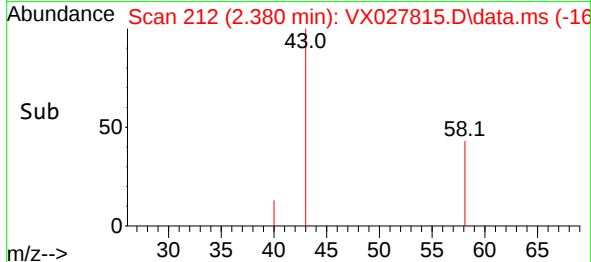
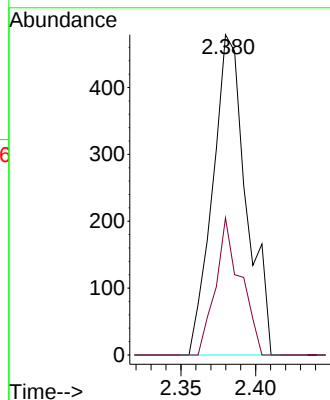
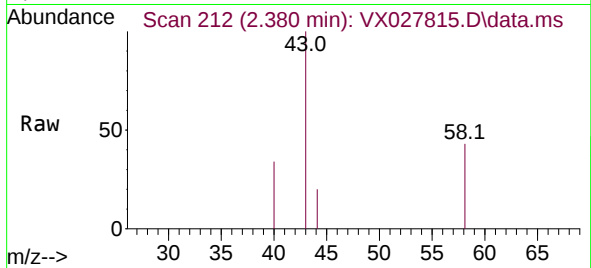




#16
Acetone
Concen: 1.562 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

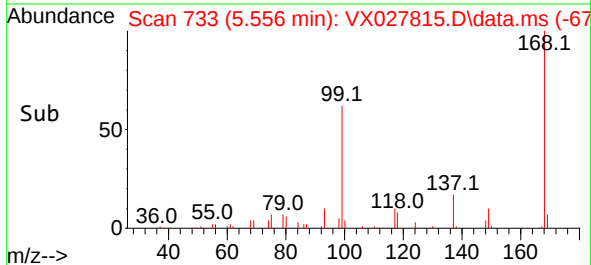
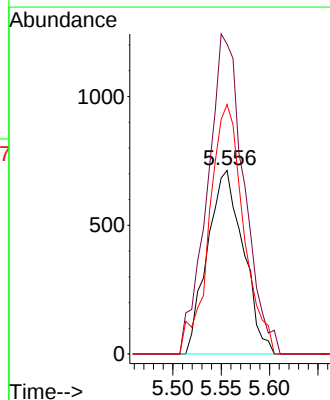
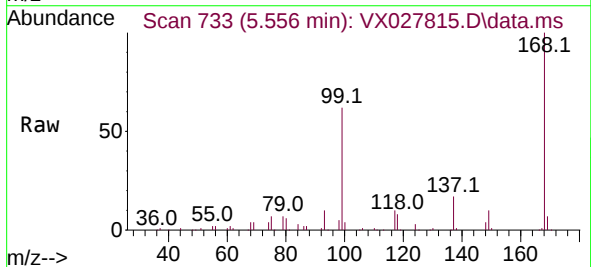
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220318

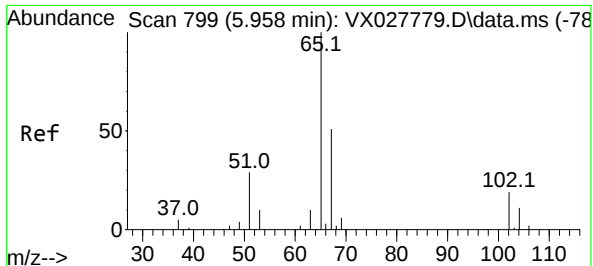
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 42.8 28.8 43.2



#31
Cyclohexane
Concen: 1.547 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion: 56 Resp: 1845
Ion Ratio Lower Upper
56 100
69 168.7 26.7 40.1#
84 135.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.217 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027815.D

Acq: 30 Mar 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

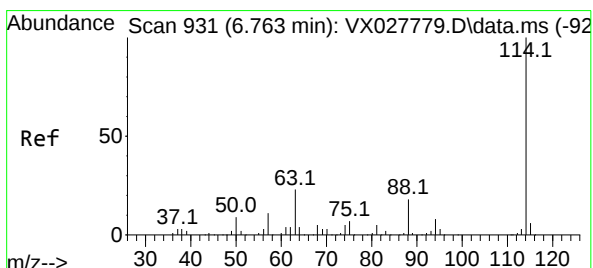
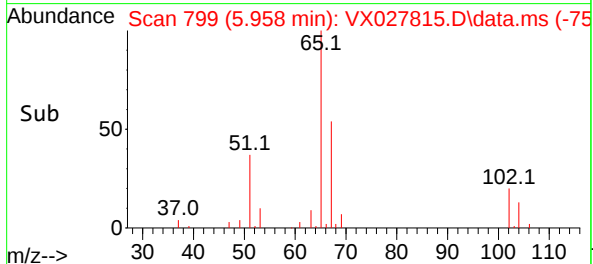
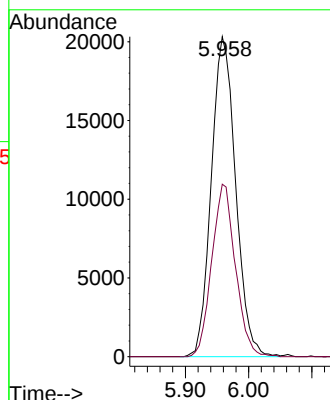
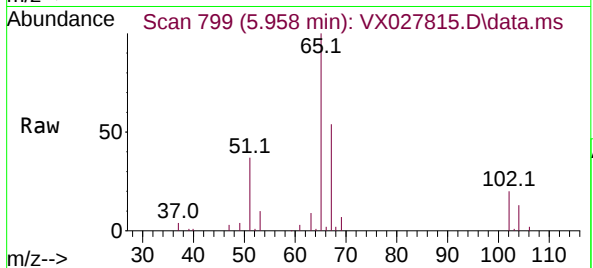
TB-01-20220318

Tgt Ion: 65 Resp: 54190

Ion Ratio Lower Upper

65 100

67 52.4 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: VX027815.D

Acq: 30 Mar 2022 17:01

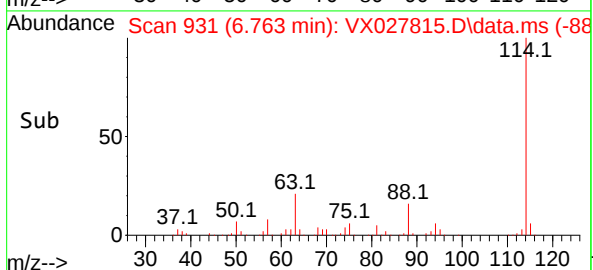
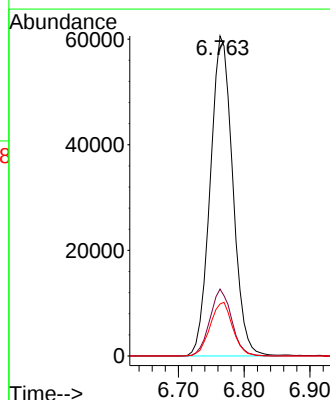
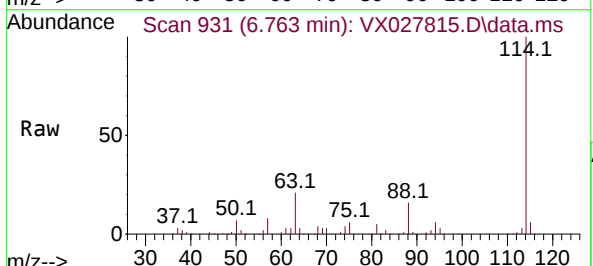
Tgt Ion: 114 Resp: 144225

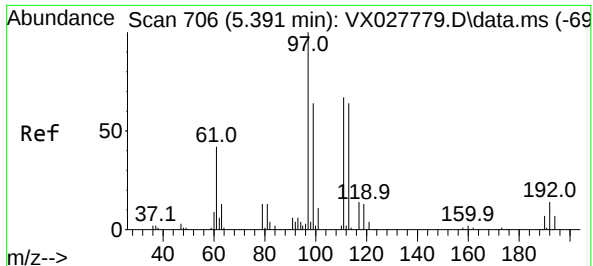
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.8

88 16.3 0.0 32.4

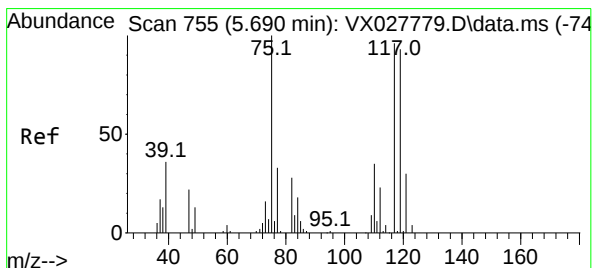
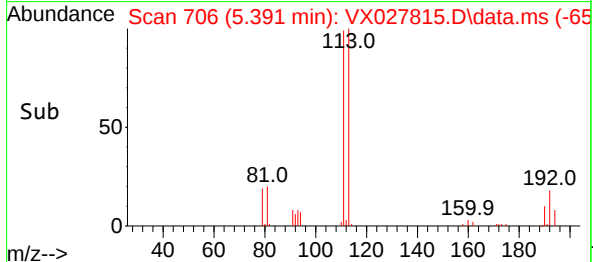
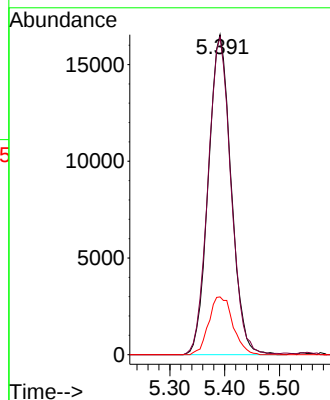
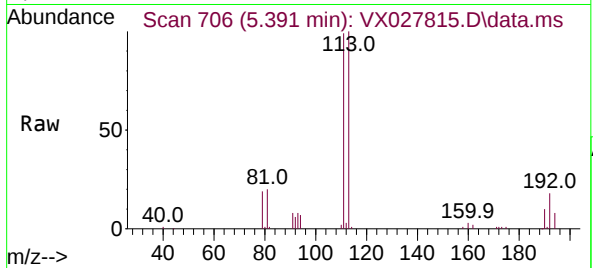




#35
Dibromofluoromethane
Concen: 51.122 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

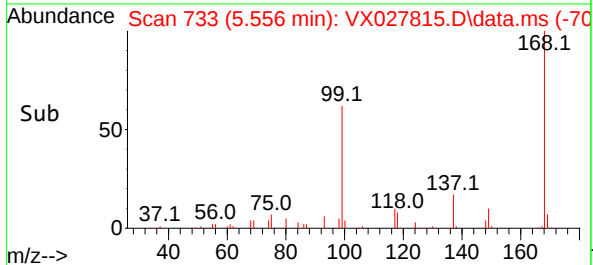
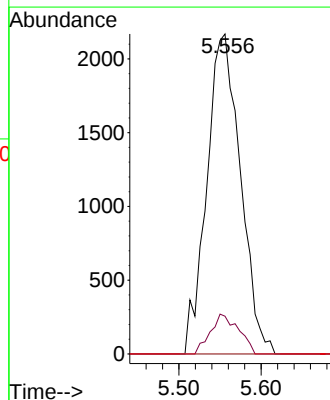
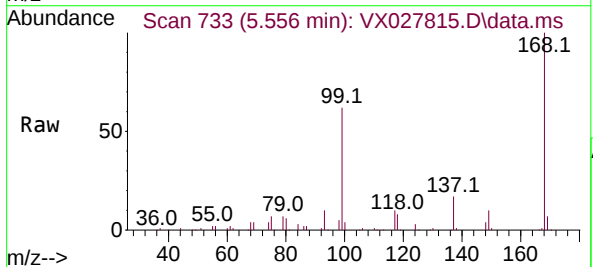
Instrument :
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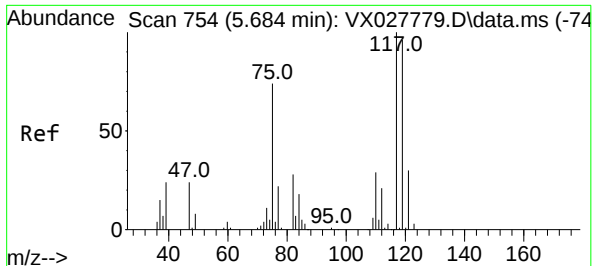
Tgt Ion:113 Resp: 47591
Ion Ratio Lower Upper
113 100
111 100.1 82.8 124.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

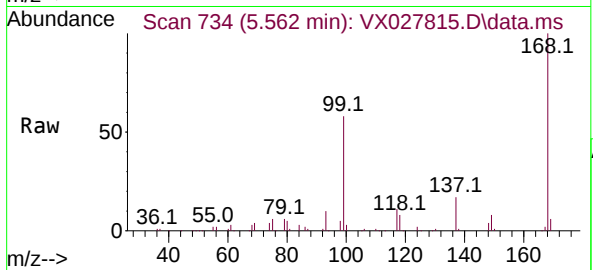
Tgt Ion: 75 Resp: 6179
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



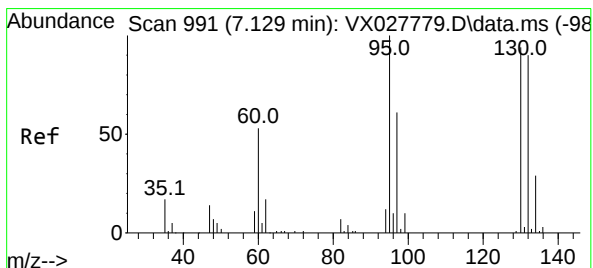
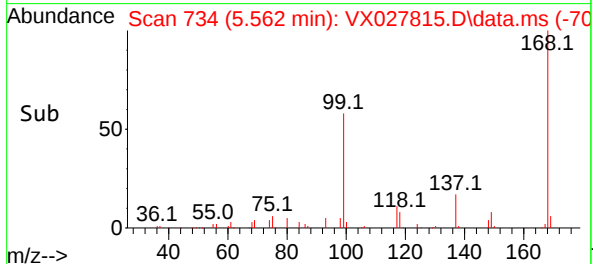
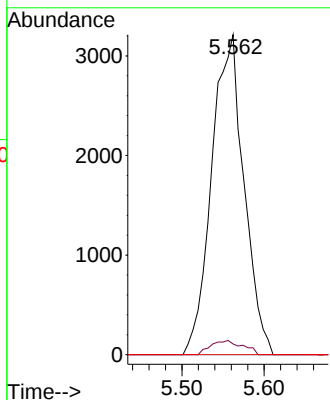


#38
Carbon Tetrachloride
Concen: 6.772 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Instrument :
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ClientSampleId :
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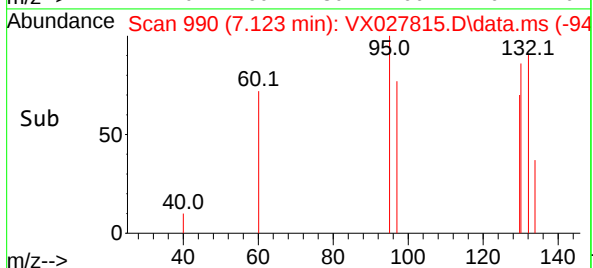
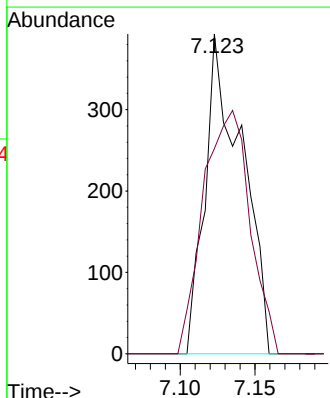
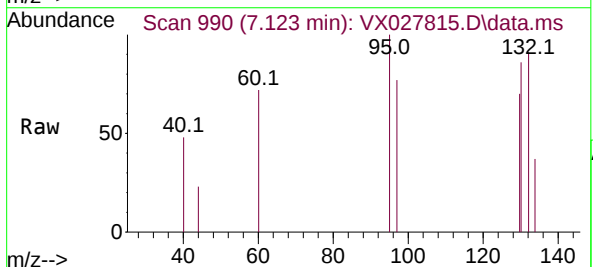


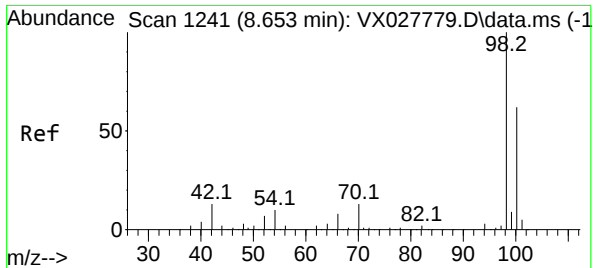
Tgt Ion:117 Resp: 8773
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.696 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion:130 Resp: 672
Ion Ratio Lower Upper
130 100
95 64.1 0.0 188.8

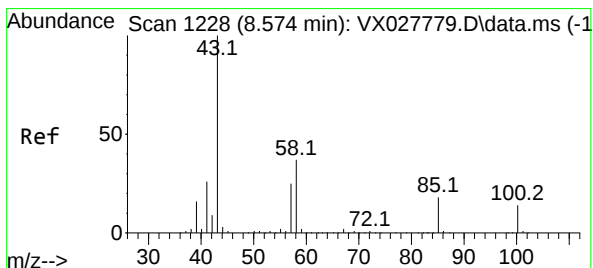
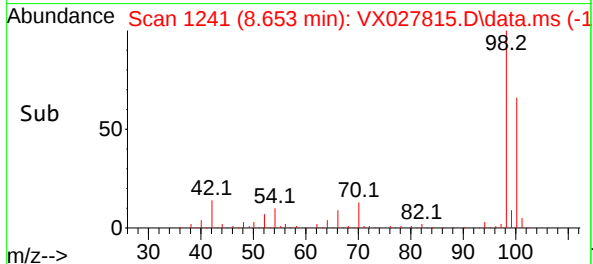
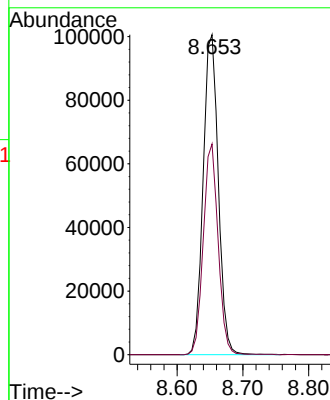
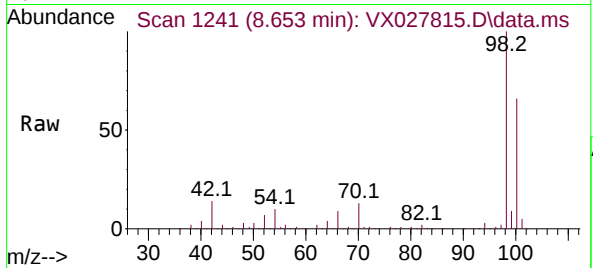




#50
Toluene-d8
Concen: 49.223 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

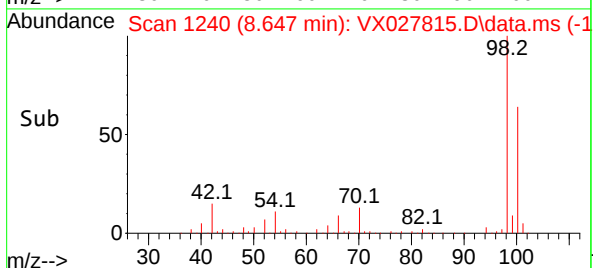
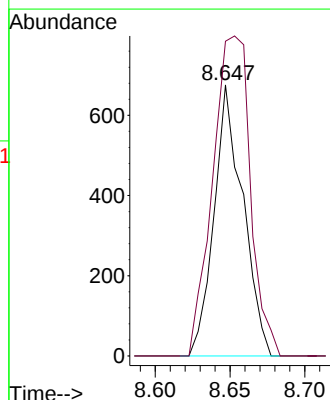
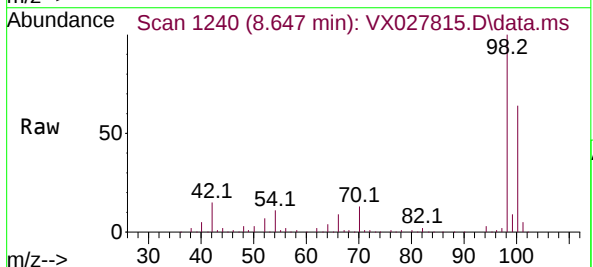
Instrument :
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TB-01-20220318

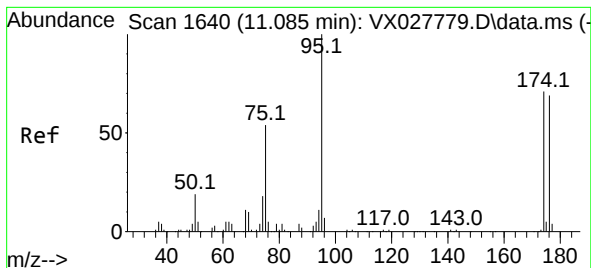
Tgt Ion: 98 Resp: 161227
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 154.7 36.1 54.1#

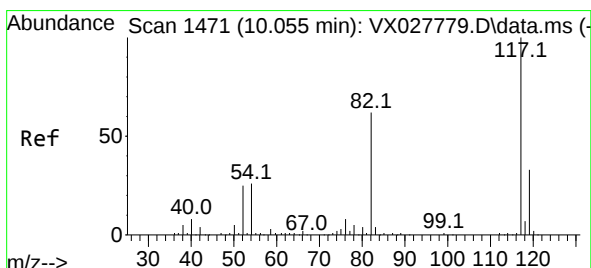
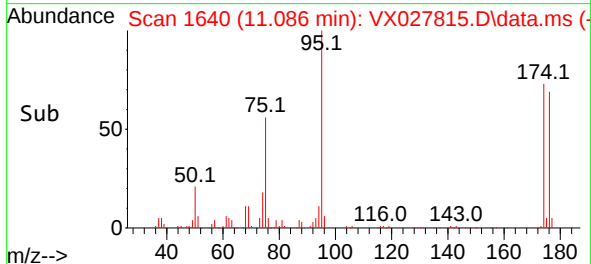
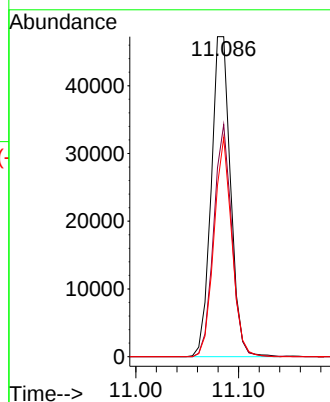
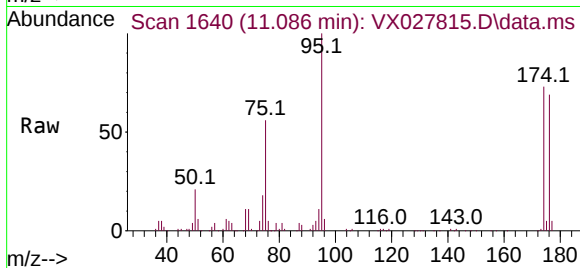




#62
4-Bromofluorobenzene
Concen: 44.485 ug/l
RT: 11.086 min Scan# 11086
Delta R.T. 0.001 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

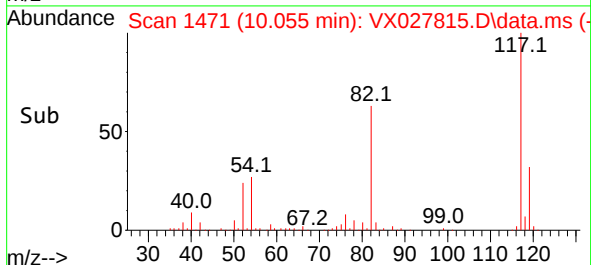
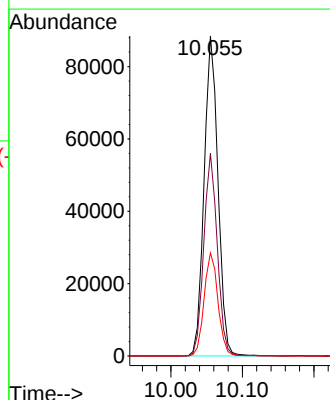
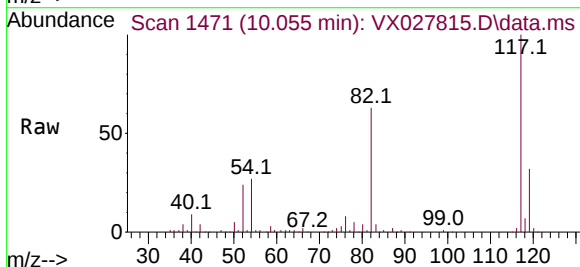
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20220318

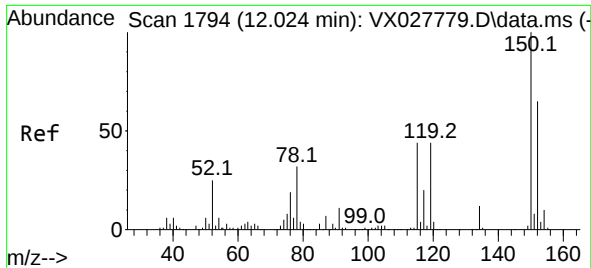
Tgt Ion: 95 Resp: 61921
Ion Ratio Lower Upper
95 100
174 67.5 0.0 163.0
176 63.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027815.D
Acq: 30 Mar 2022 17:01

Tgt Ion: 117 Resp: 119290
Ion Ratio Lower Upper
117 100
82 63.3 41.8 62.8#
119 32.2 24.8 37.2

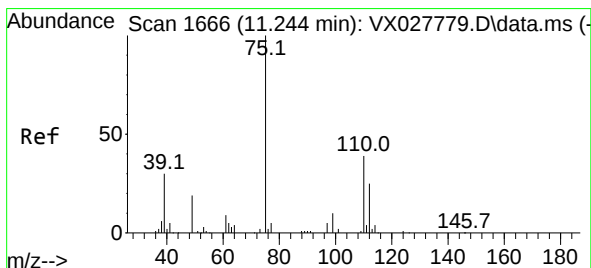
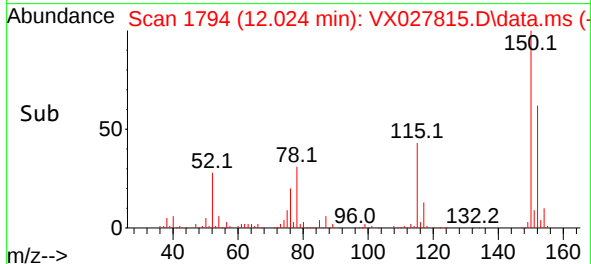
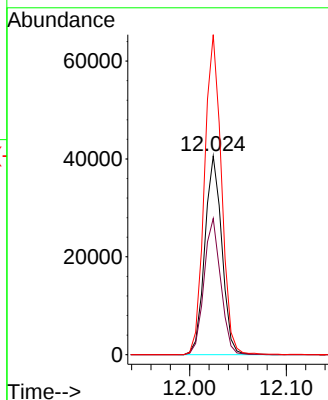
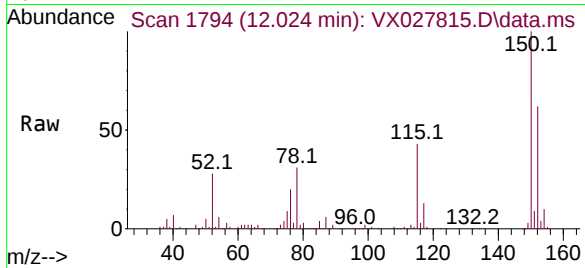




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027815.D
 Acq: 30 Mar 2022 17:01

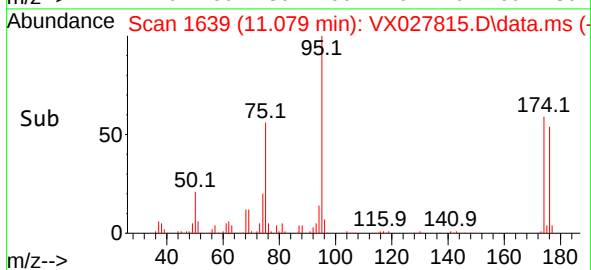
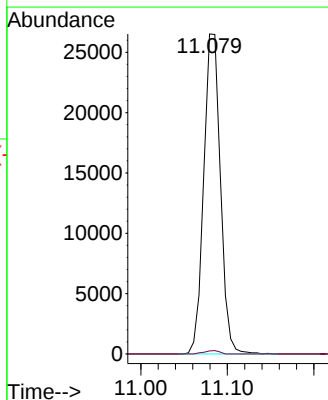
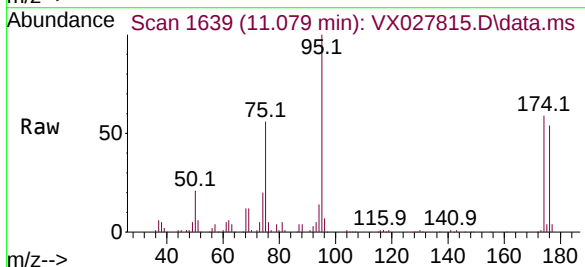
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20220318

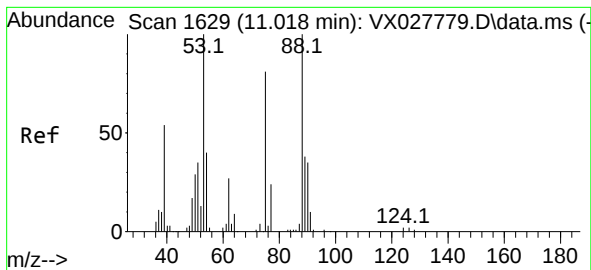
Tgt Ion:152 Resp: 49703
 Ion Ratio Lower Upper
 152 100
 115 67.3 37.5 112.7
 150 160.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 30.504 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027815.D
 Acq: 30 Mar 2022 17:01

Tgt Ion: 75 Resp: 35566
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.792 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027815.D
 Acq: 30 Mar 2022 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20220318

Tgt Ion: 75 Resp: 35566
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

