

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027644.D
 Acq On : 23 Mar 2022 04:07
 Operator : JC/MD
 Sample : N2062-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-03-21

Quant Time: Mar 23 07:43:28 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)

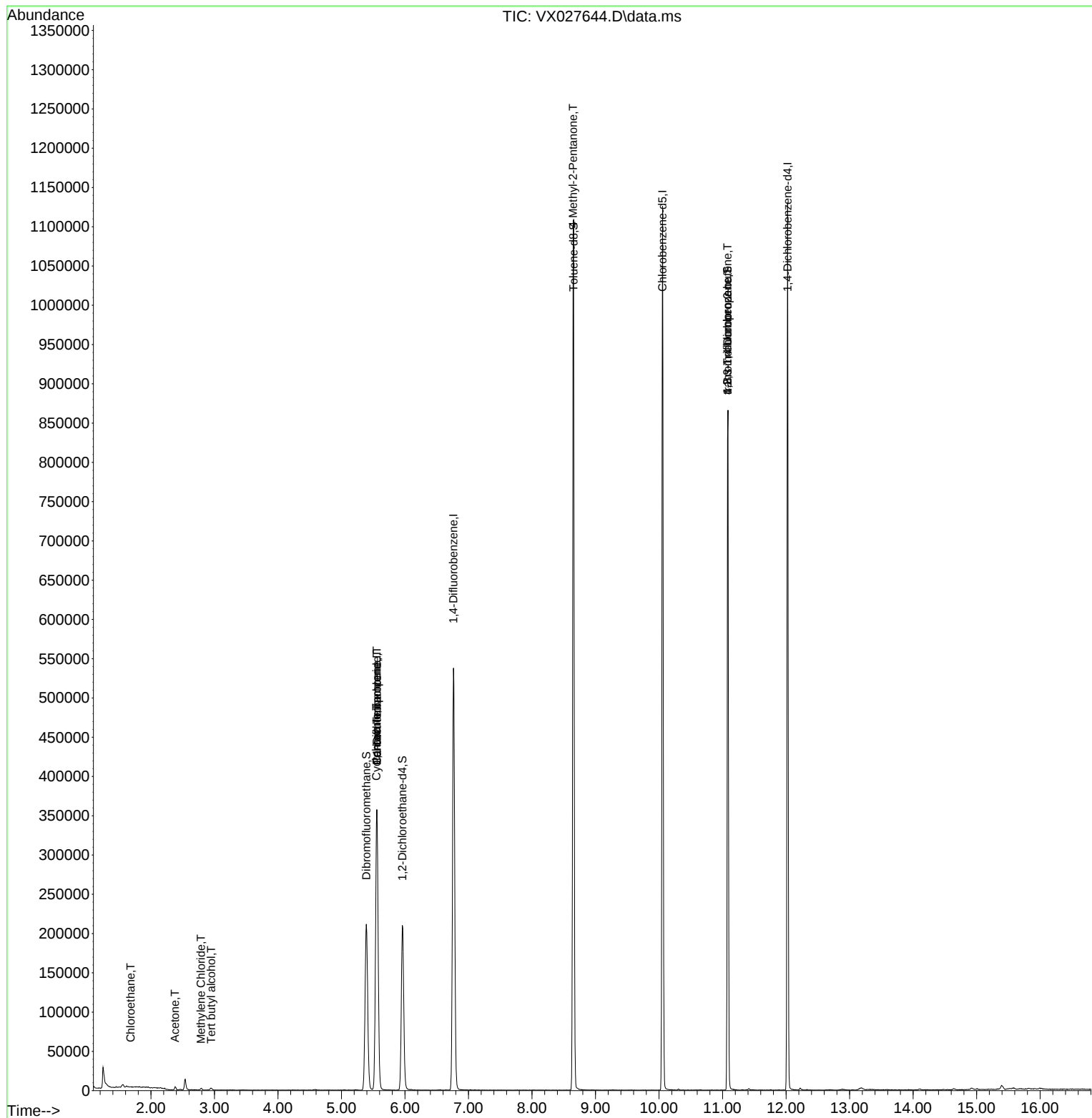
Internal Standards						
1) Pentafluorobenzene	5.556	168	356350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	583845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	527005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207383	47.241	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.480%		
35) Dibromofluoromethane	5.391	113	187410	49.891	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.780%		
50) Toluene-d8	8.653	98	678732	47.749	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.500%		
62) 4-Bromofluorobenzene	11.079	95	243796	46.663	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.320%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	768	Below Cal		85
6) Chloroethane	1.678	64	543	0.252 ug/l #		44
11) Tert butyl alcohol	2.946	59	1568	1.874 ug/l #		72
16) Acetone	2.379	43	4228	2.363 ug/l		91
20) Methylene Chloride	2.788	84	1115	0.290 ug/l #		76
31) Cyclohexane	5.550	56	6086	1.116 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	24502	4.773 ug/l #		50
38) Carbon Tetrachloride	5.556	117	35080	5.973 ug/l #		15
51) 4-Methyl-2-Pentanone	8.647	43	2387	0.454 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	112797	22.163 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	112797	67.308 ug/l #		15

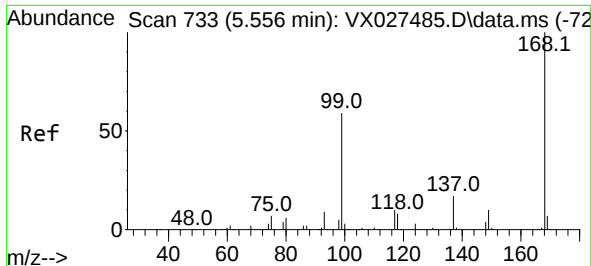
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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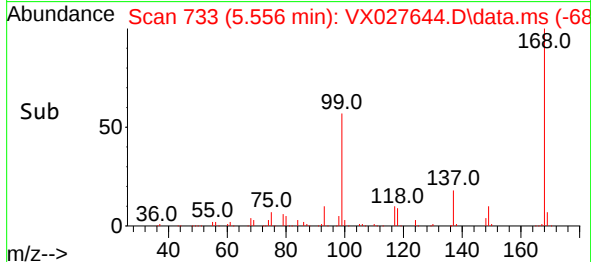
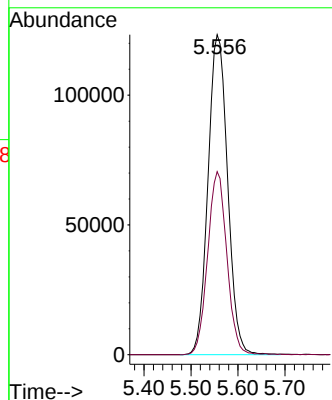
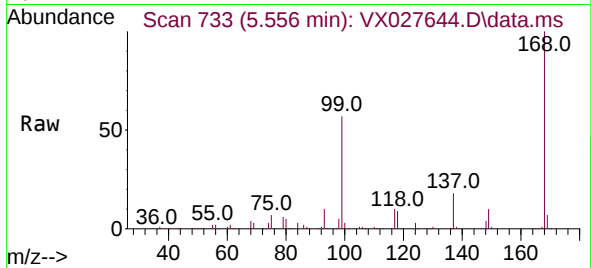




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

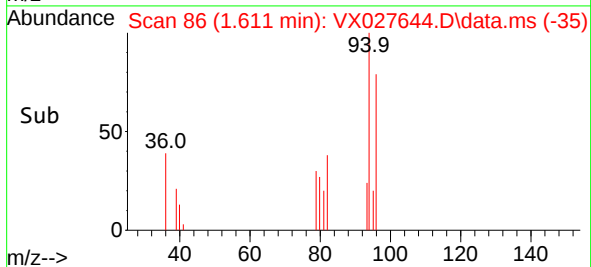
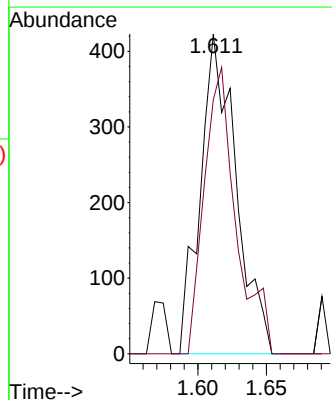
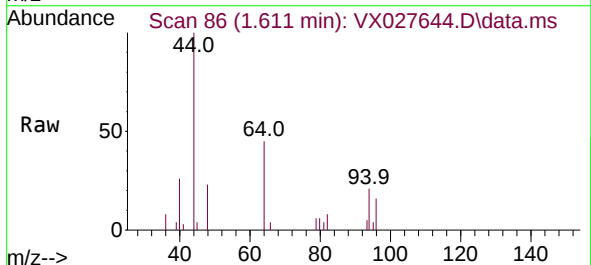
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-03-21

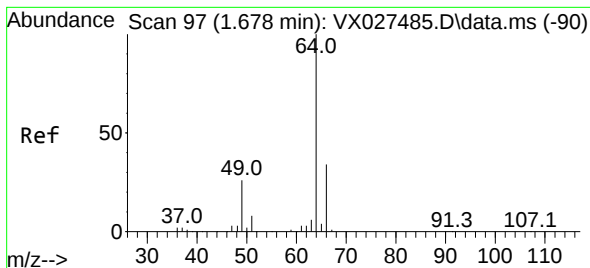
Tgt Ion:168 Resp: 356350
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 94 Resp: 768
Ion Ratio Lower Upper
94 100
96 79.4 75.3 112.9

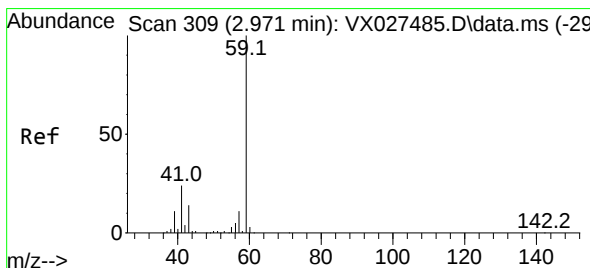
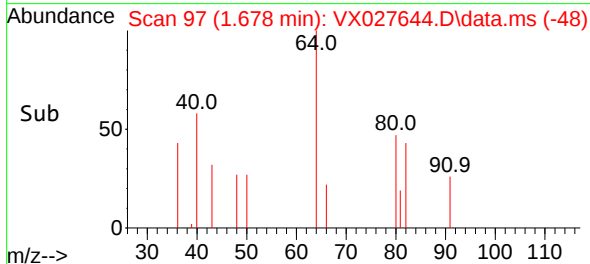
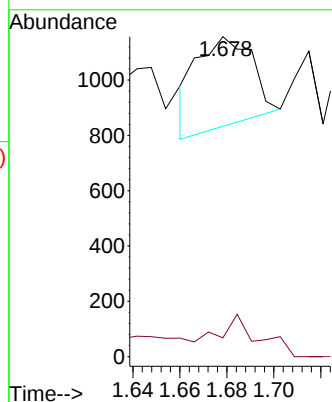
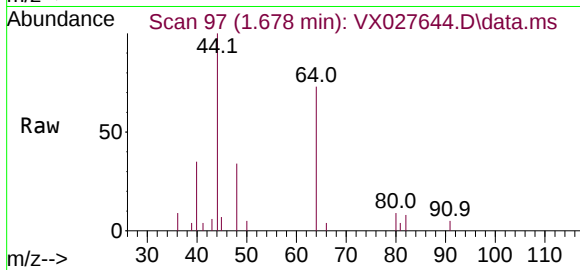




#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

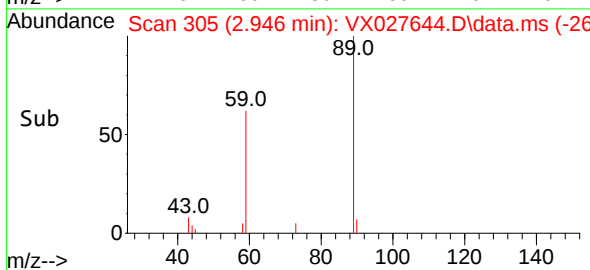
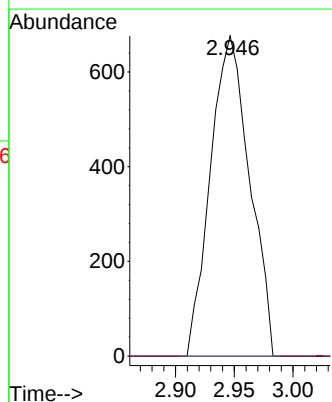
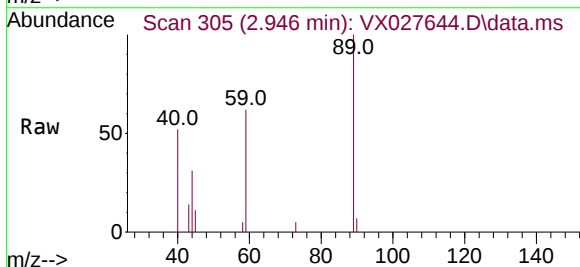
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-03-21

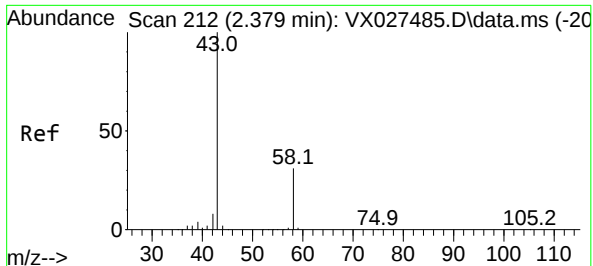
Tgt Ion: 64 Resp: 543
Ion Ratio Lower Upper
64 100
66 0.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 1.874 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 59 Resp: 1568
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

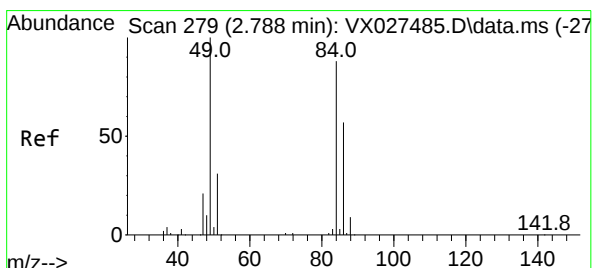
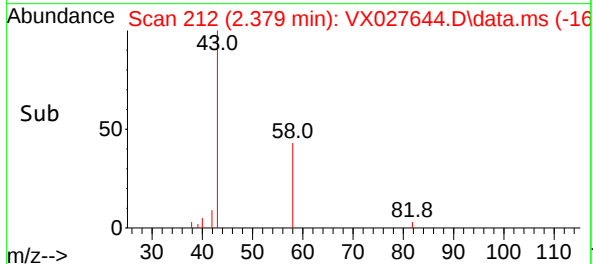
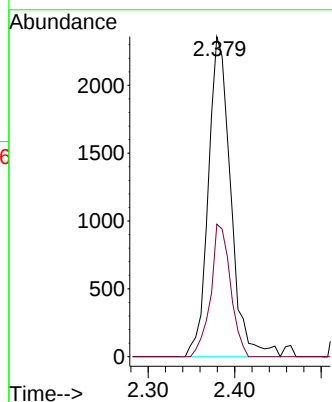
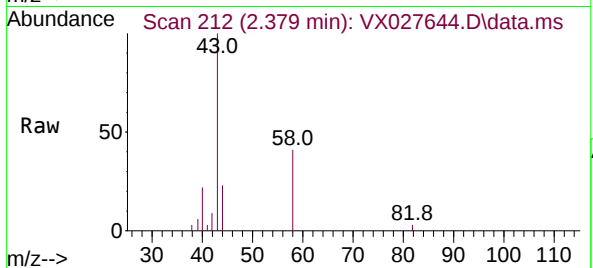




#16
Acetone
Concen: 2.363 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

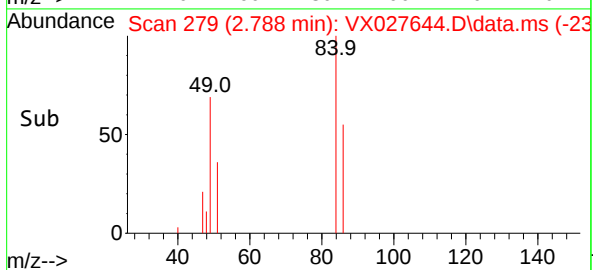
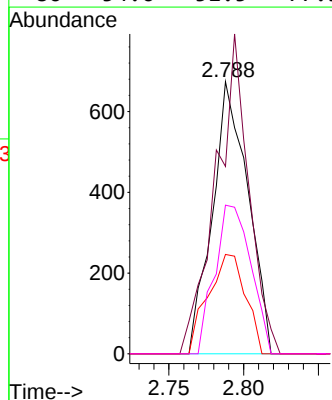
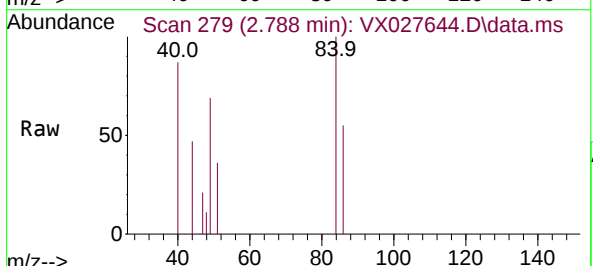
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-03-21

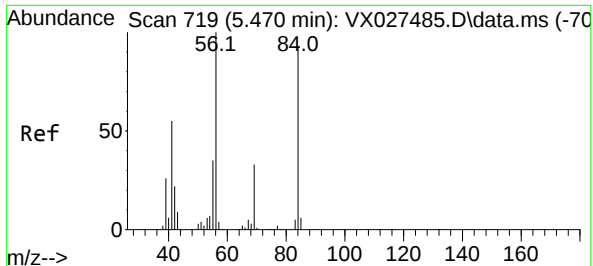
Tgt Ion: 43 Resp: 4228
Ion Ratio Lower Upper
43 100
58 41.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 84 Resp: 1115
Ion Ratio Lower Upper
84 100
49 68.8 85.5 128.3#
51 36.5 26.6 39.8
86 54.6 51.5 77.3

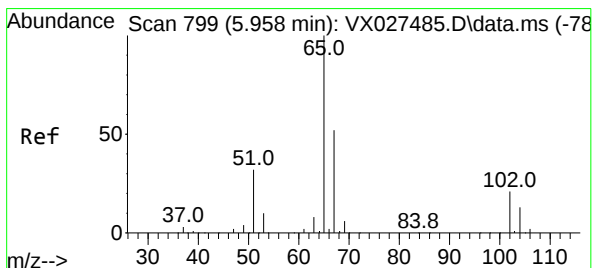
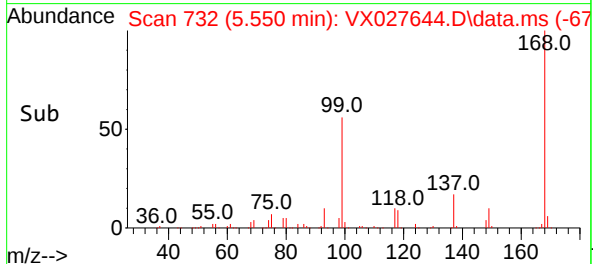
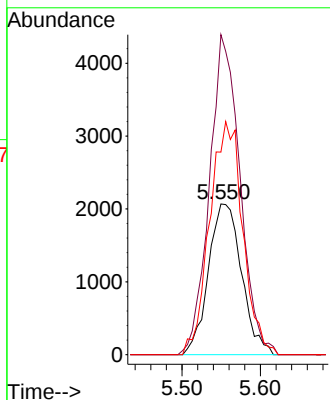
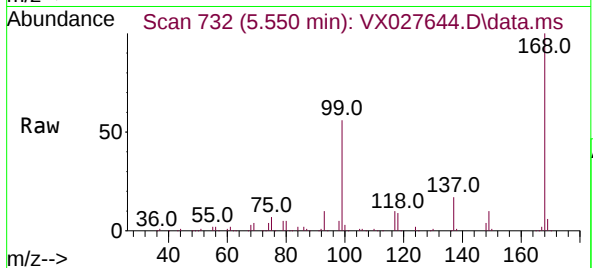




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

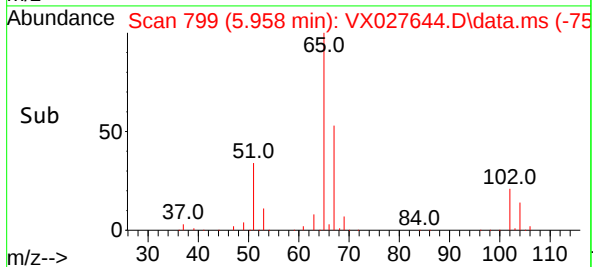
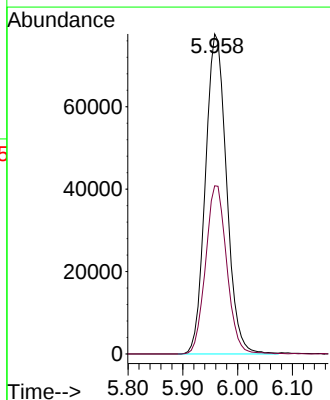
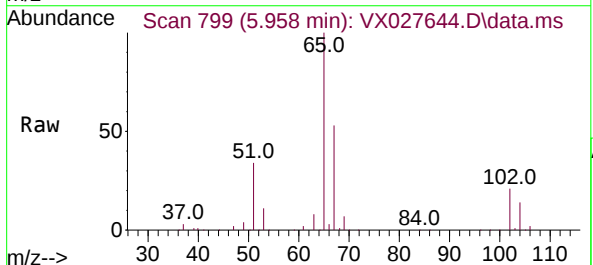
Instrument :
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TB-2022-03-21

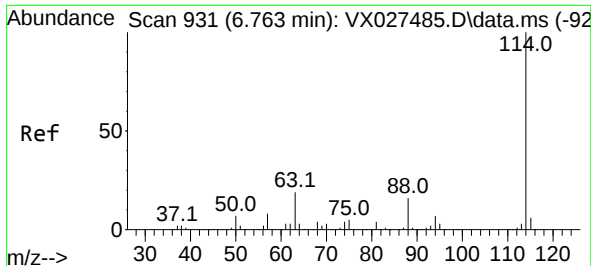
Tgt Ion: 56 Resp: 6086
Ion Ratio Lower Upper
56 100
69 212.4 26.7 40.1#
84 134.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.241 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 65 Resp: 207383
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

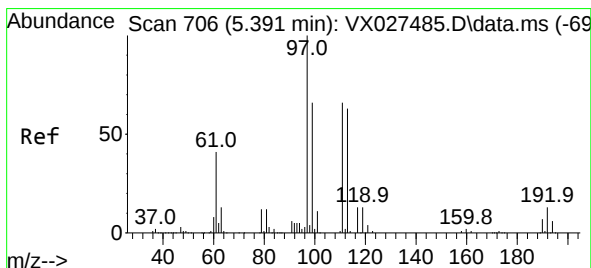
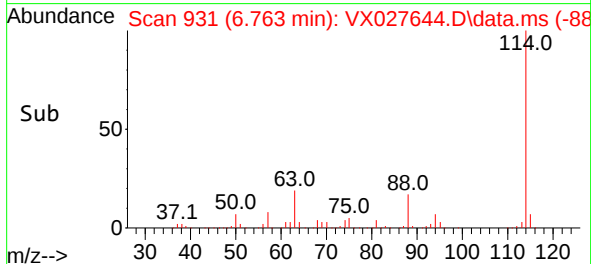
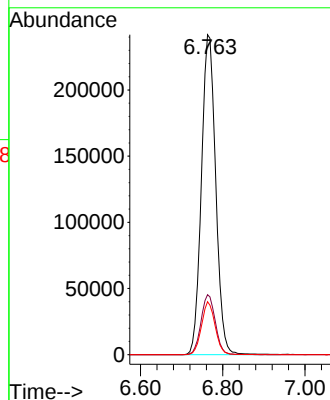
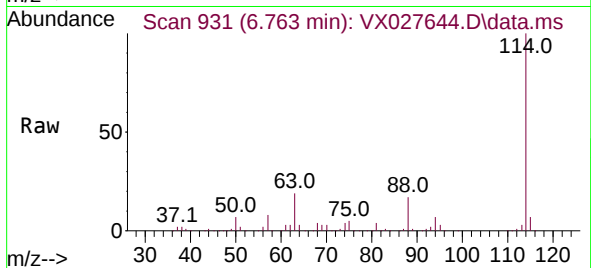




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

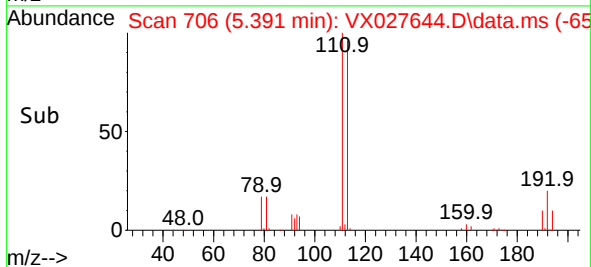
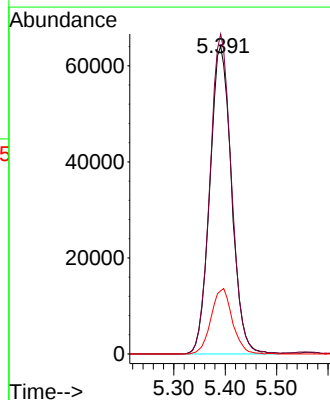
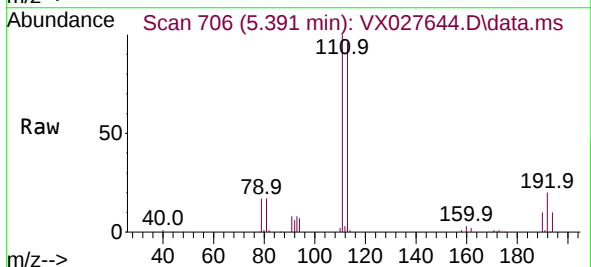
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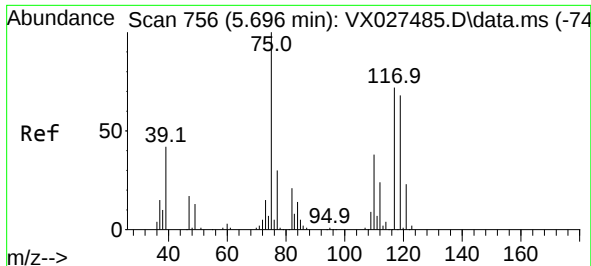
Tgt Ion:114 Resp: 583845
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.891 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion:113 Resp: 187410
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.8 16.9 25.3

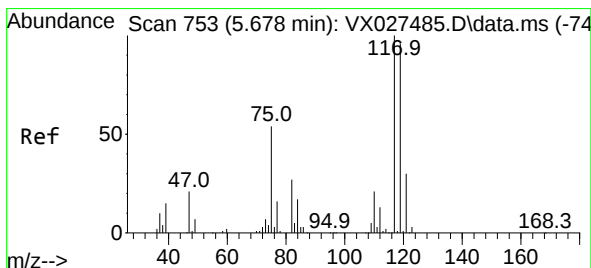
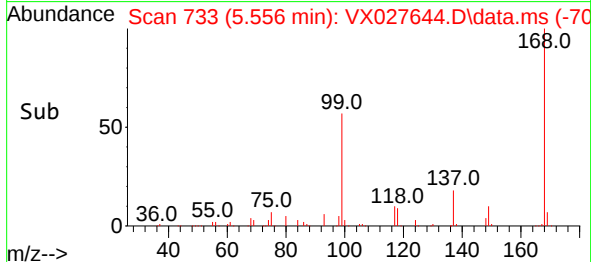
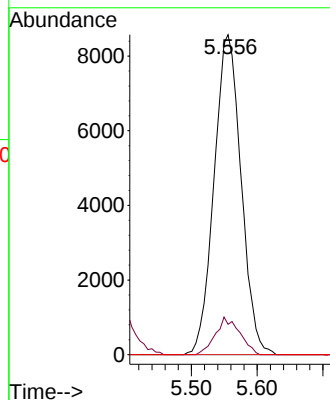
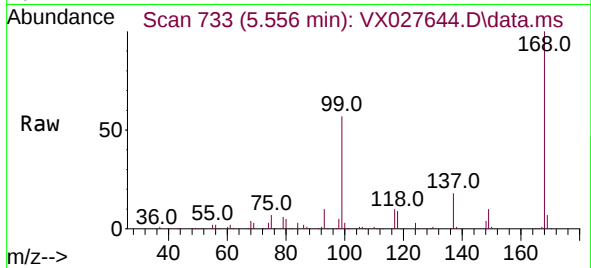




#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

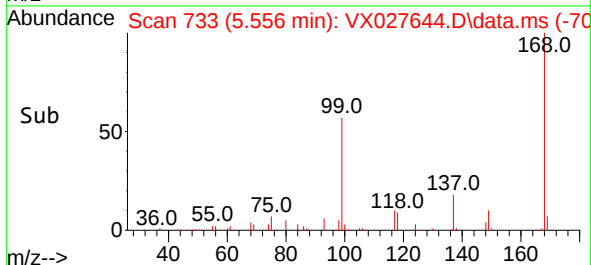
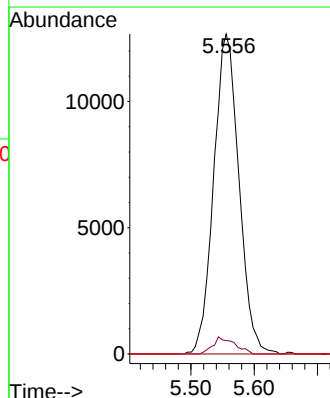
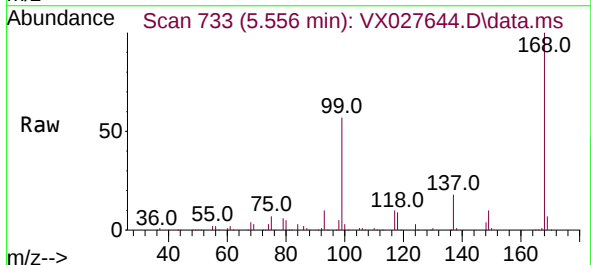
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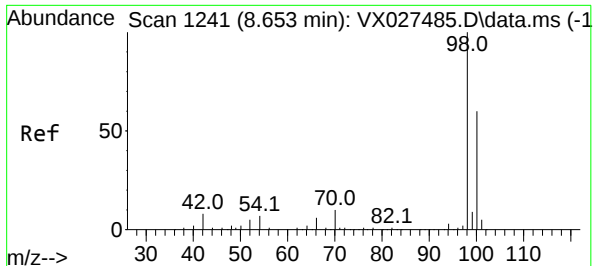
Tgt Ion: 75 Resp: 24502
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 117 Resp: 35080
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

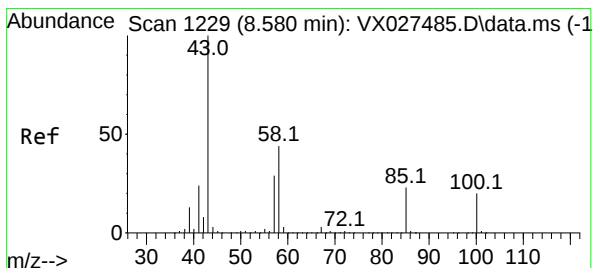
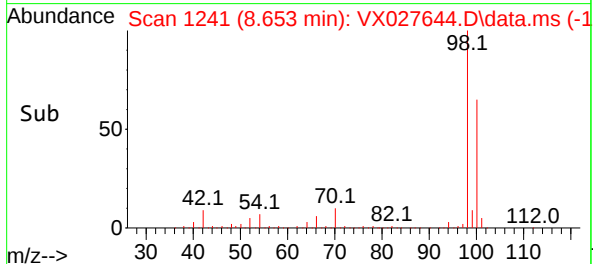
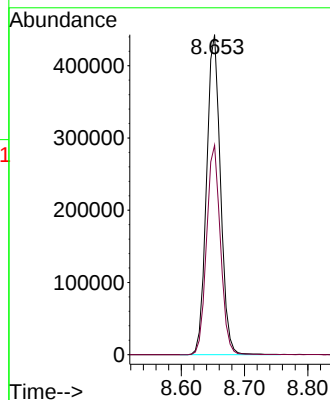
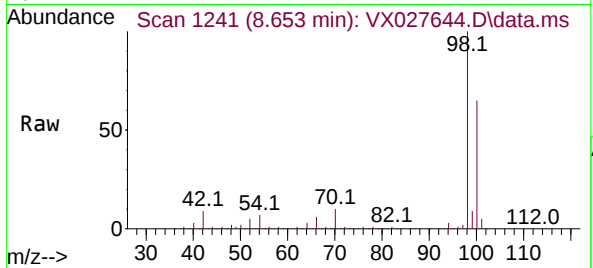




#50
Toluene-d8
Concen: 47.749 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

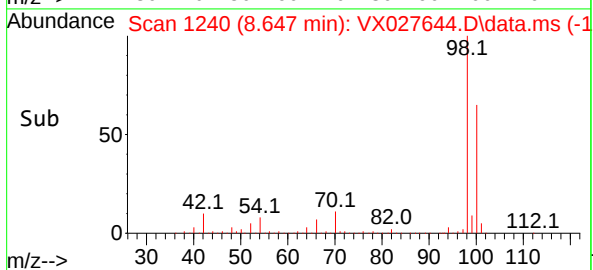
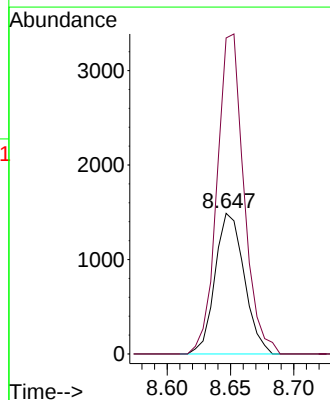
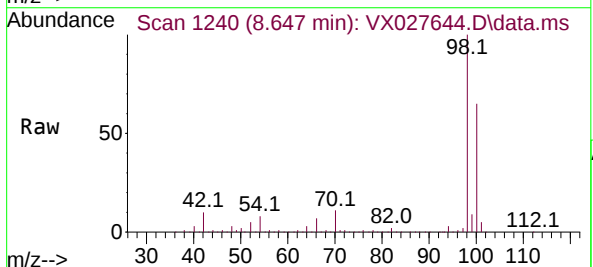
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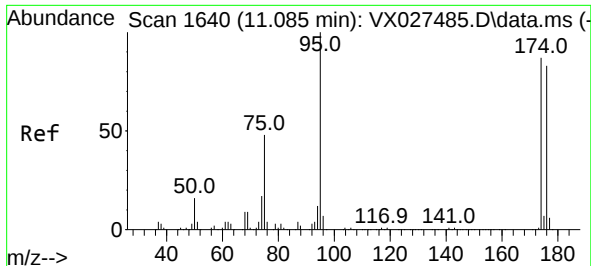
Tgt Ion: 98 Resp: 678732
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 43 Resp: 2387
Ion Ratio Lower Upper
43 100
58 209.3 36.1 54.1#

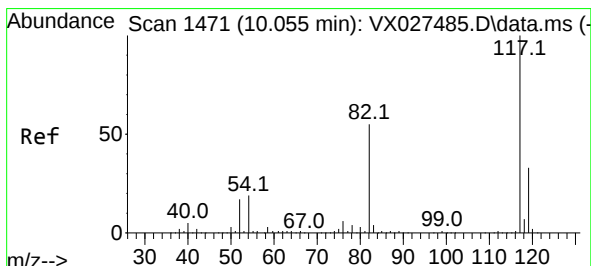
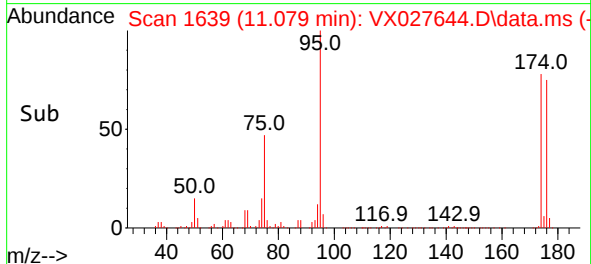
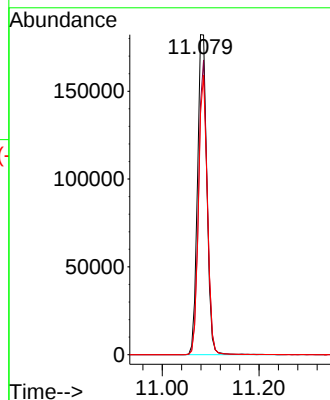
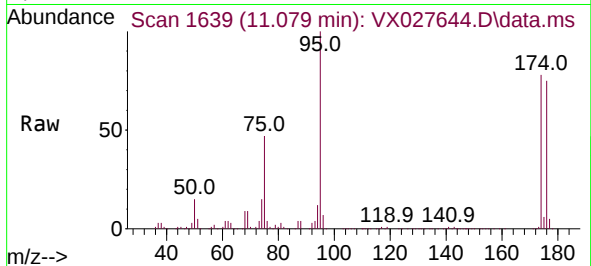




#62
4-Bromofluorobenzene
Concen: 46.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

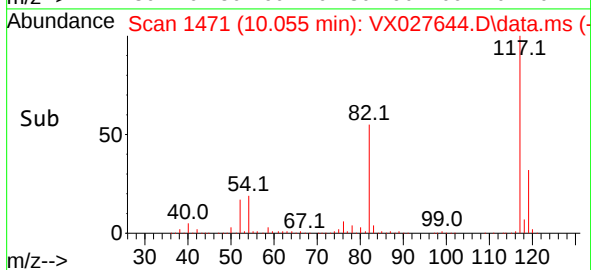
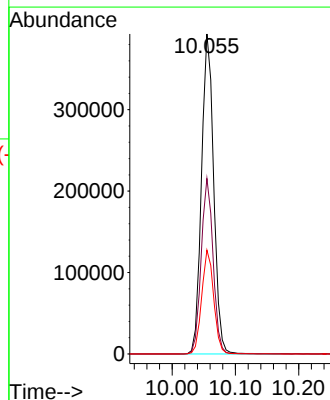
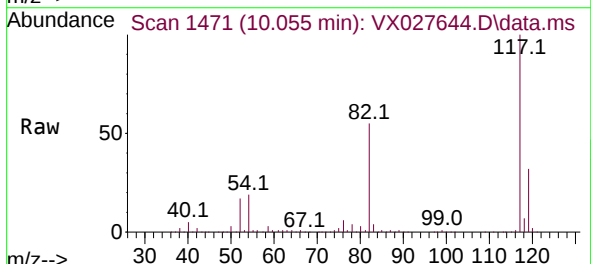
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-03-21

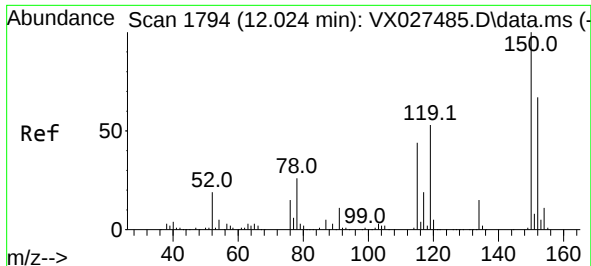
Tgt Ion: 95 Resp: 243796
Ion Ratio Lower Upper
95 100
174 85.6 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

Tgt Ion: 117 Resp: 527005
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 32.5 24.8 37.2

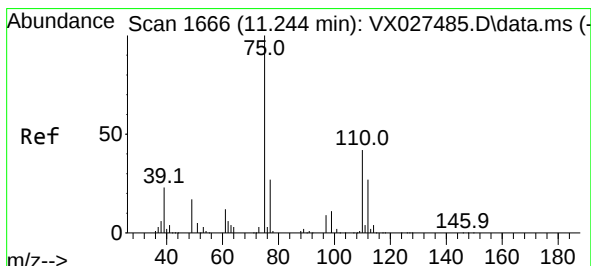
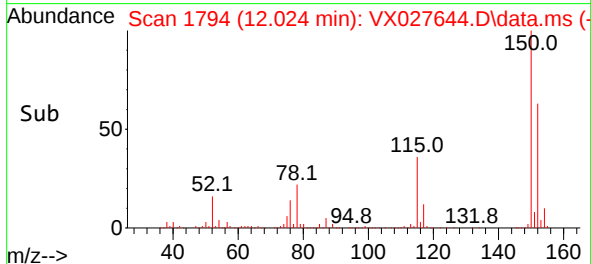
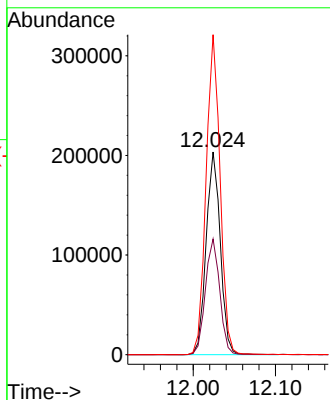
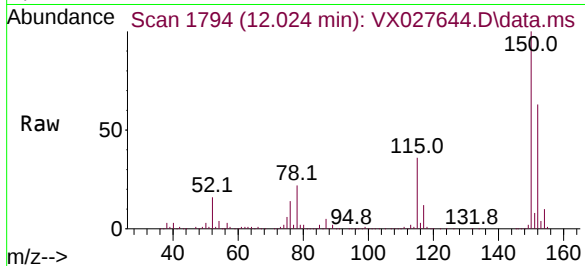




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

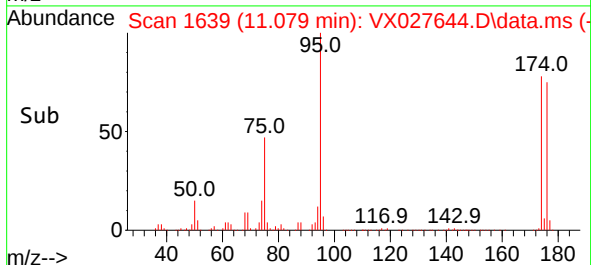
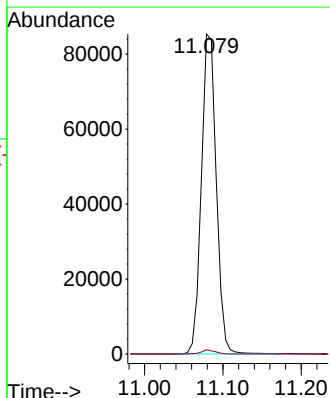
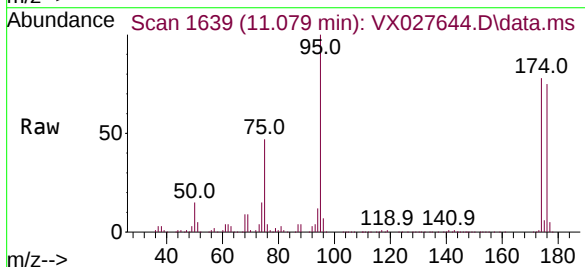
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-03-21

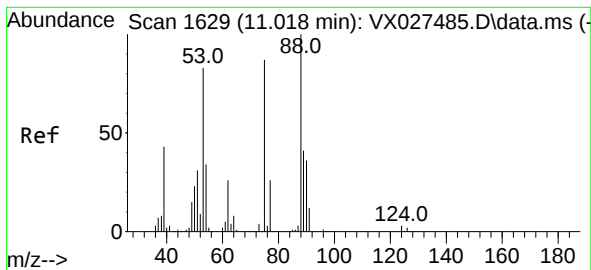
Tgt Ion:152 Resp: 243325
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027644.D
Acq: 23 Mar 2022 04:07

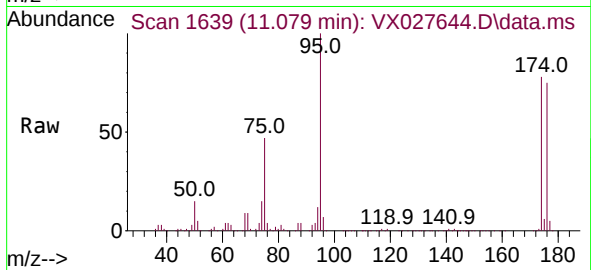
Tgt Ion: 75 Resp: 112797
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.308 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027644.D
 Acq: 23 Mar 2022 04:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-03-21



Tgt Ion: 75 Resp: 112797
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

