

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027435.D
 Acq On : 14 Mar 2022 20:43
 Operator : JC/MD
 Sample : N1895-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 15 06:06:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

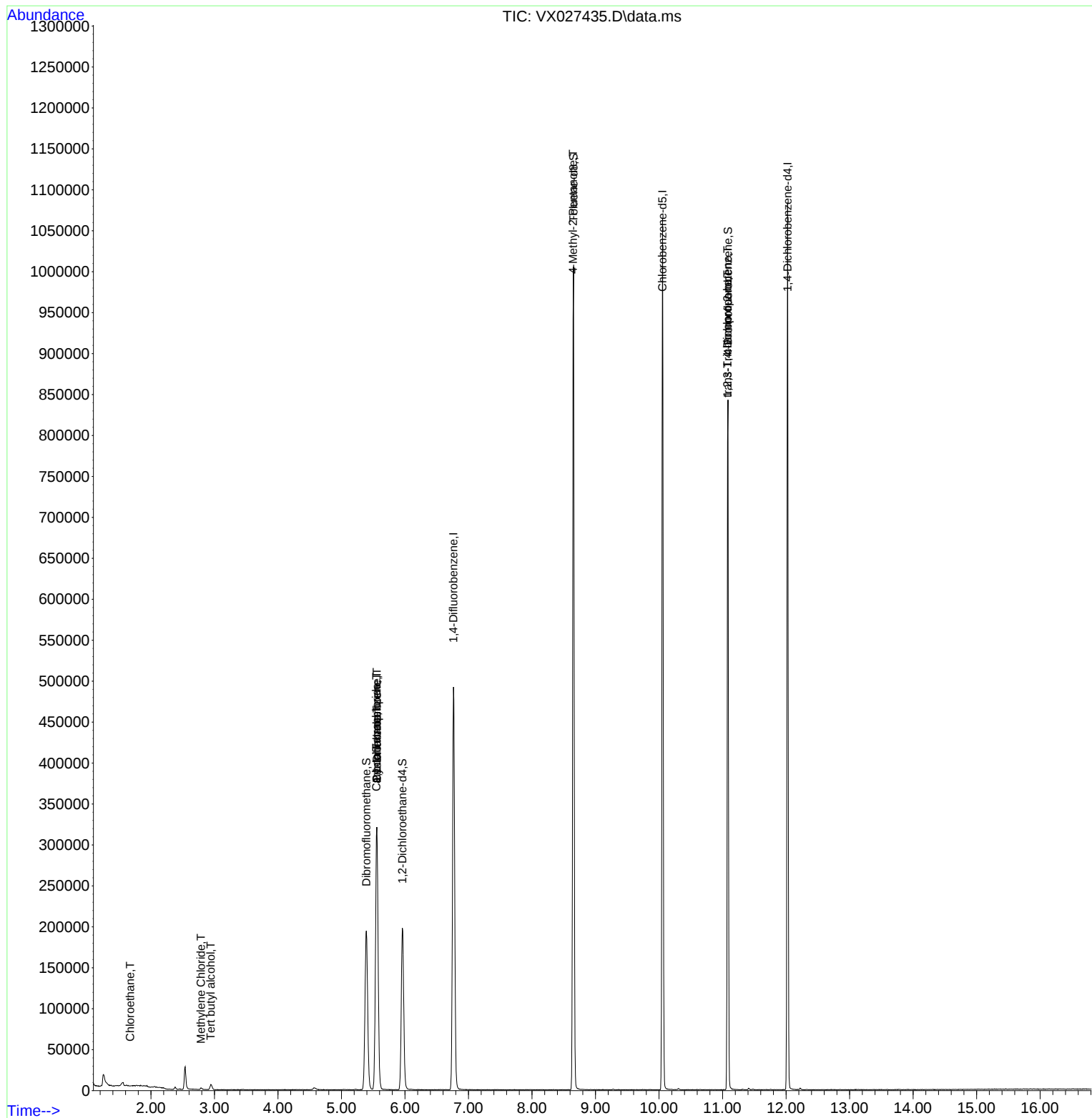
Internal Standards						
1) Pentafluorobenzene	5.556	168	305912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	507682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200199	56.119	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 112.240%		
35) Dibromofluoromethane	5.391	113	170498	52.047	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 104.100%		
50) Toluene-d8	8.653	98	607523	49.123	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 98.240%		
62) 4-Bromofluorobenzene	11.085	95	224976	47.729	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 95.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	458	Below Cal		99
6) Chloroethane	1.672	64	372	0.625 ug/l	#	43
11) Tert butyl alcohol	2.940	59	3950	5.648 ug/l	#	72
16) Acetone	2.380	43	2981	Below Cal	#	81
20) Methylene Chloride	2.788	84	932	0.267 ug/l	#	84
31) Cyclohexane	5.556	56	6242	1.251 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	23138	5.087 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	31694	6.739 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	2587	0.535 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	115027	23.833 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	115027	77.077 ug/l	#	15

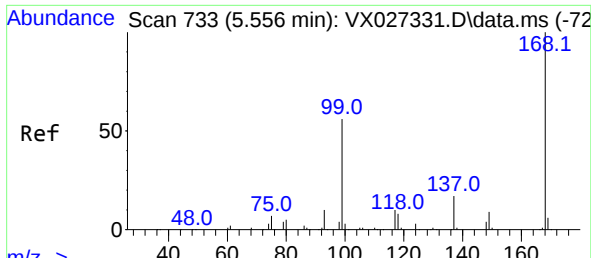
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
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Response via : Initial Calibration

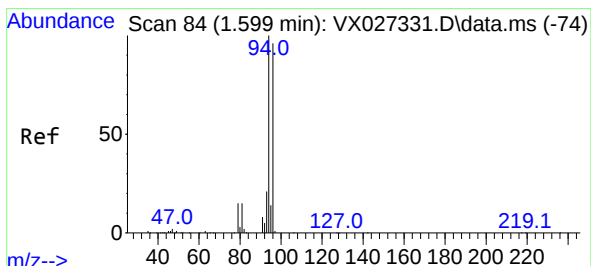
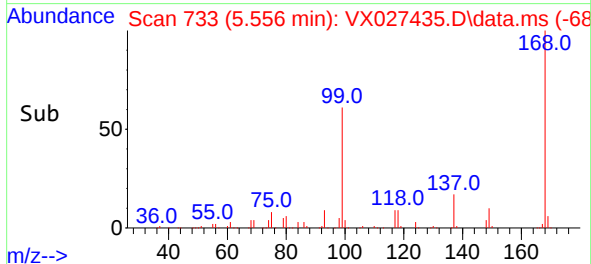
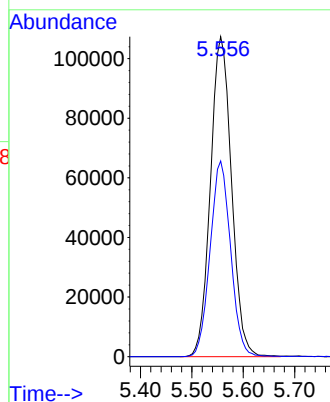
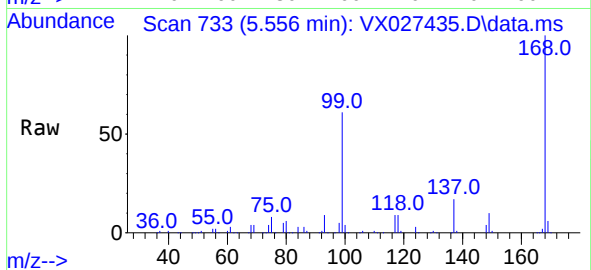




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

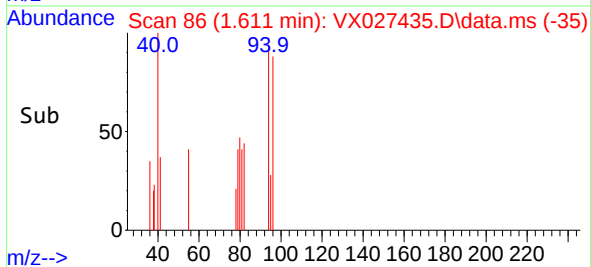
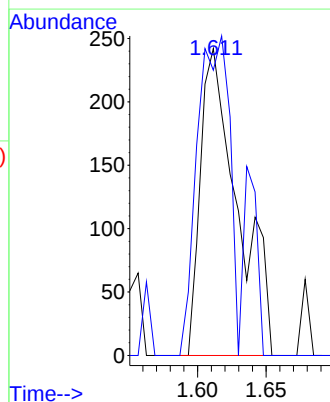
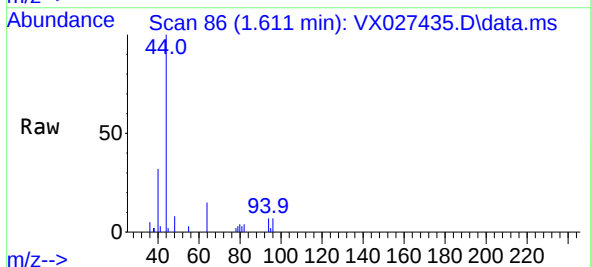
Instrument :
MSVOA_X
ClientSampleId :
TB

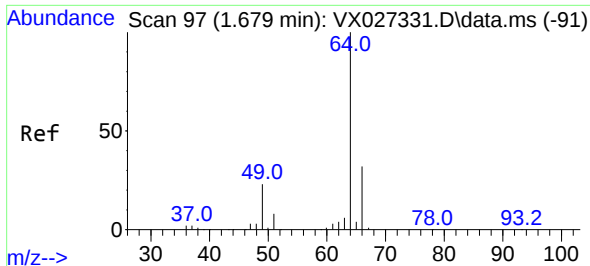
Tgt Ion:168 Resp: 305912
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 93.0 75.3 112.9

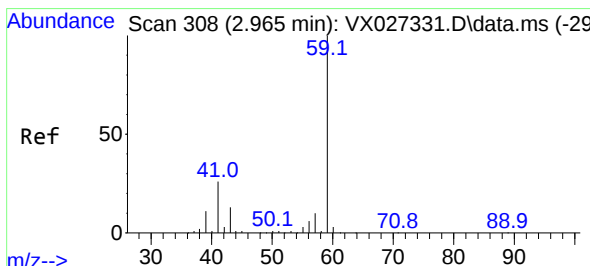
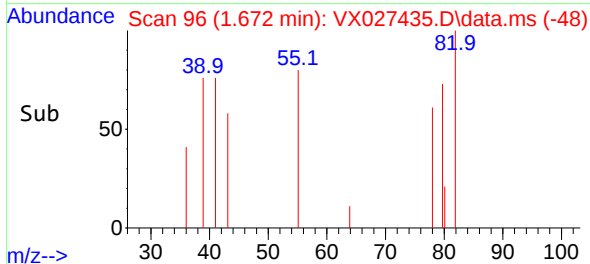
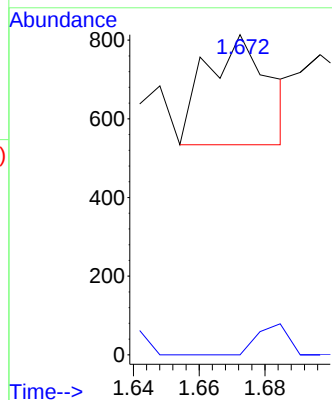
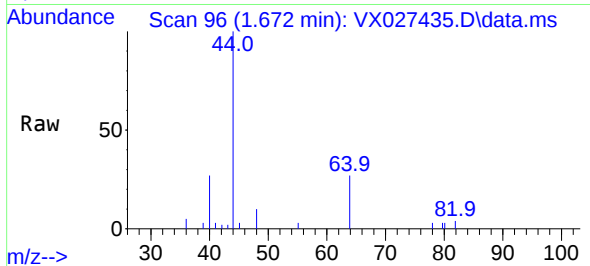




#6
Chloroethane
Concen: 0.625 ug/l
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

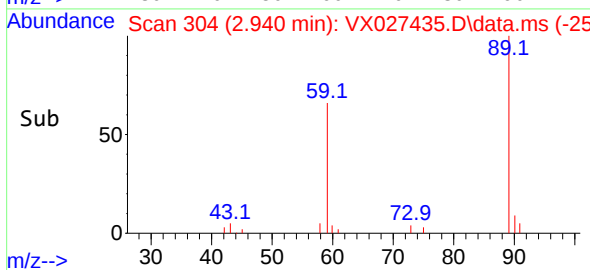
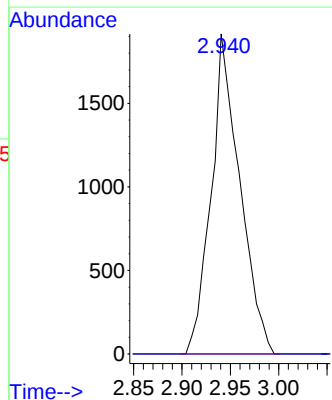
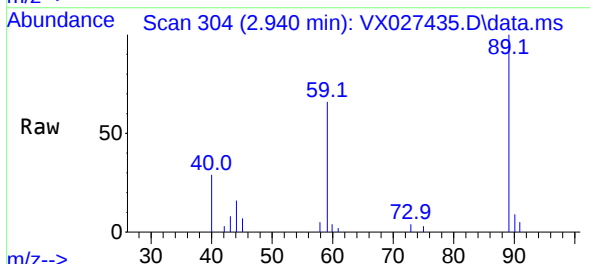
Instrument :
MSVOA_X
ClientSampleId :
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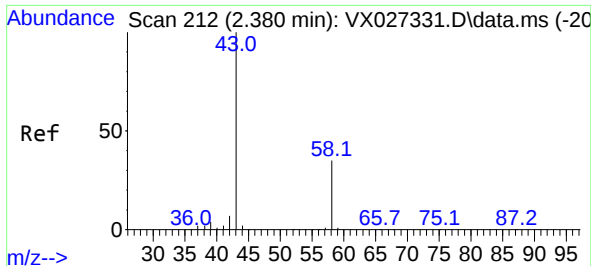
Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 5.648 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 59 Resp: 3950
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

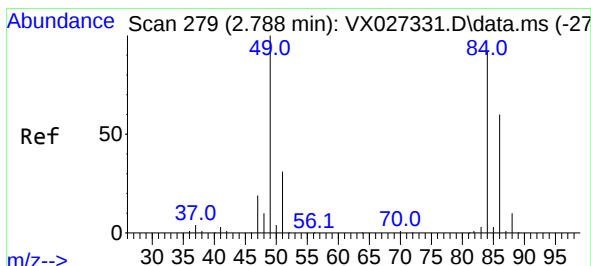
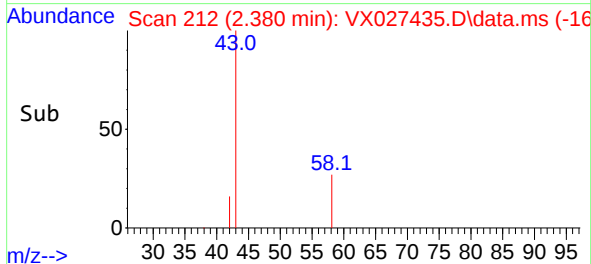
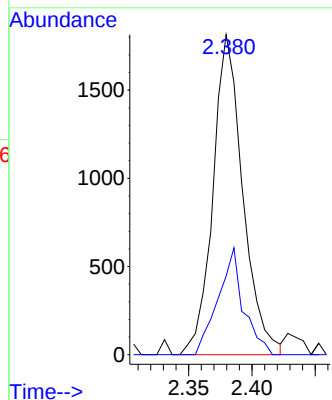
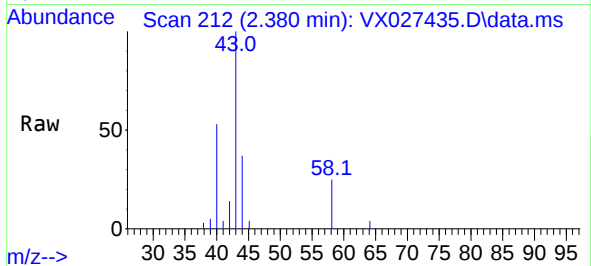




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

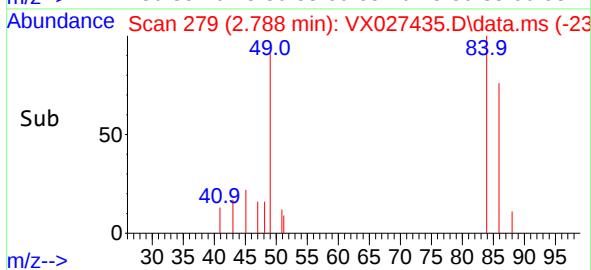
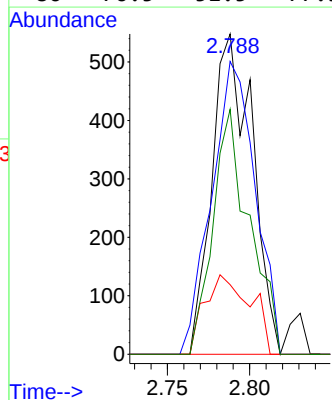
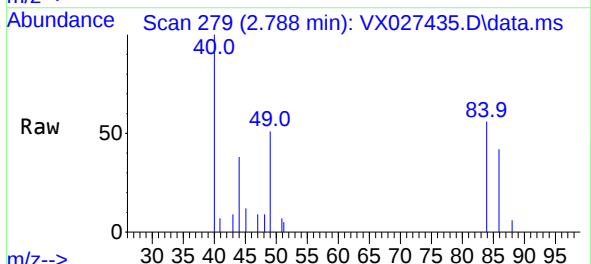
Instrument :
MSVOA_X
ClientSampleId :
TB

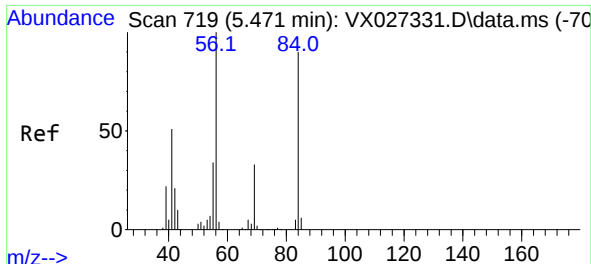
Tgt Ion: 43 Resp: 2981
Ion Ratio Lower Upper
43 100
58 24.6 28.8 43.2#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
49 91.4 85.5 128.3
51 21.7 26.6 39.8#
86 76.5 51.5 77.3

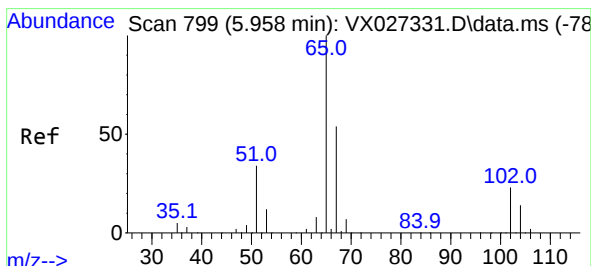
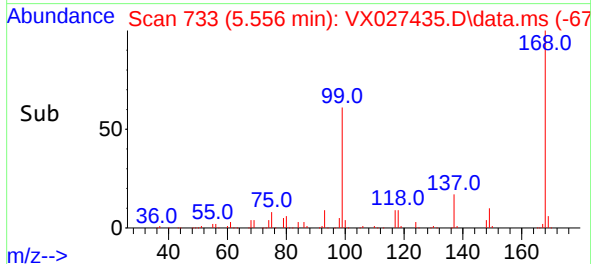
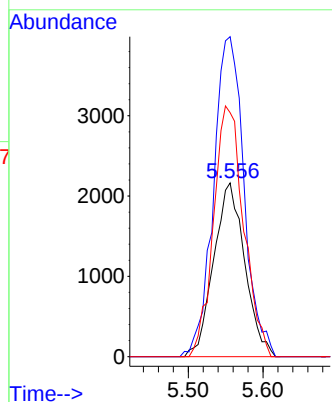
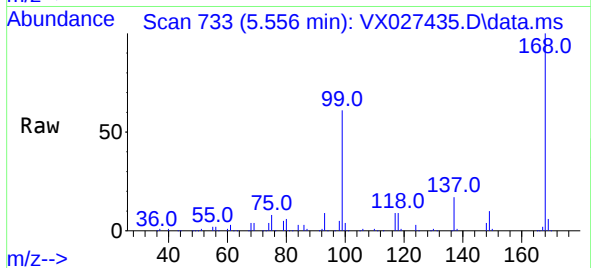




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

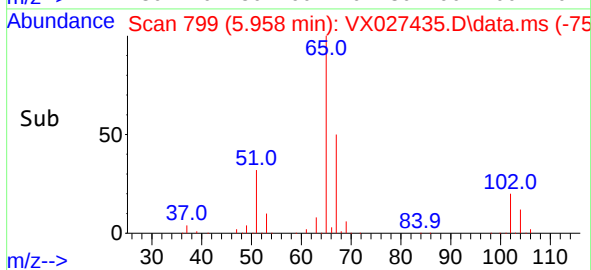
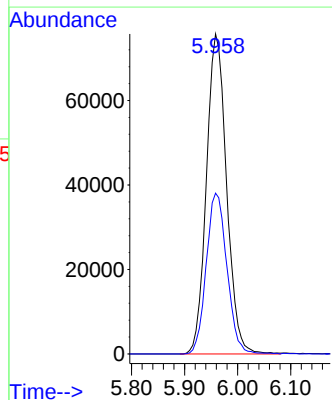
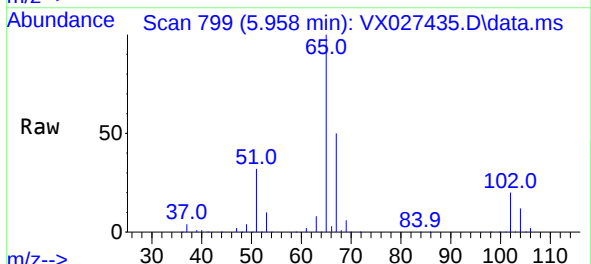
Instrument :
MSVOA_X
ClientSampleId :
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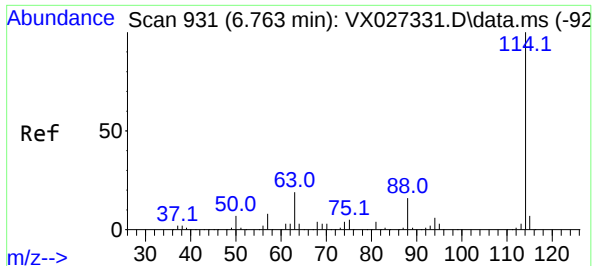
Tgt Ion: 56 Resp: 6242
Ion Ratio Lower Upper
56 100
69 184.2 26.7 40.1#
84 140.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.119 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 65 Resp: 200199
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

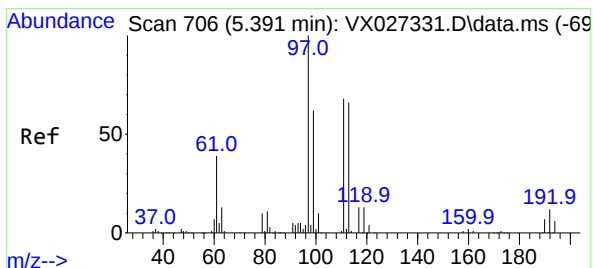
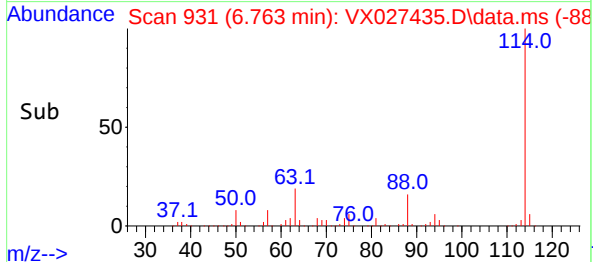
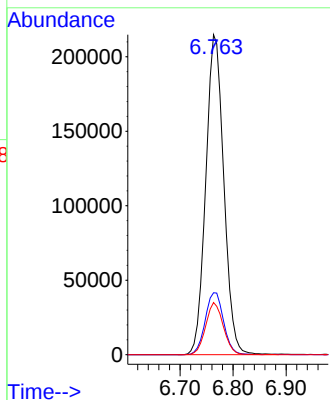
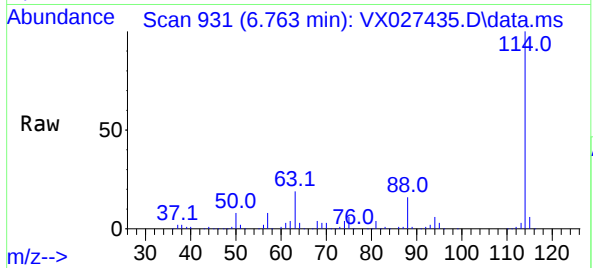




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

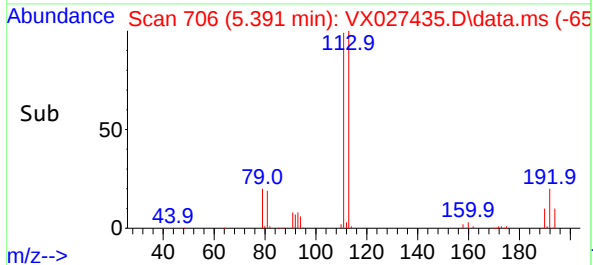
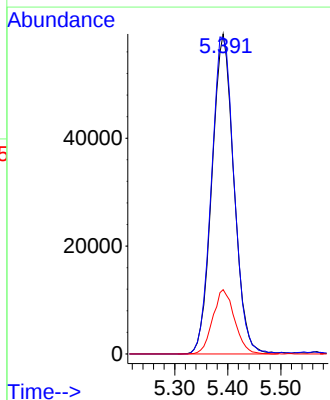
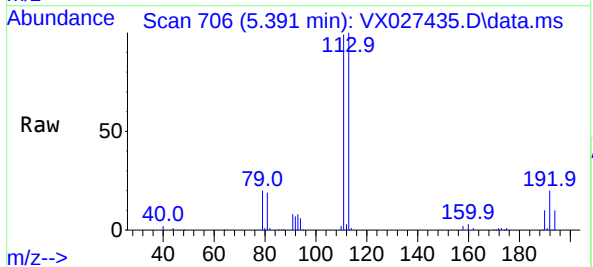
Instrument :
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ClientSampleId :
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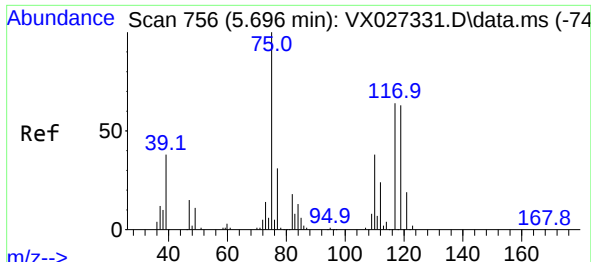
Tgt Ion:114 Resp: 507682
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.047 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion:113 Resp: 170498
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.9 16.9 25.3

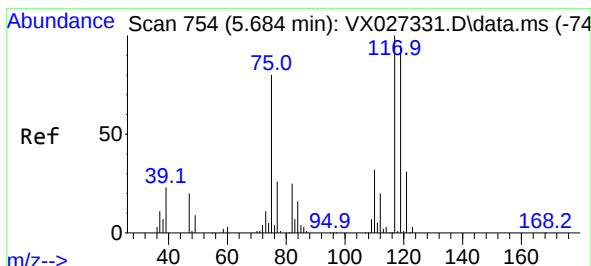
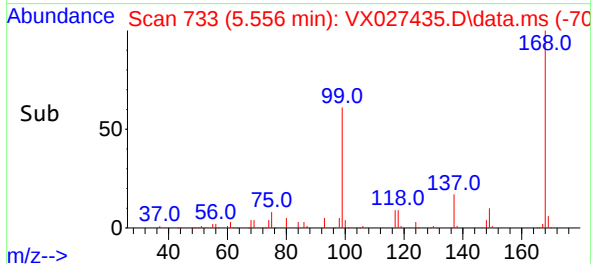
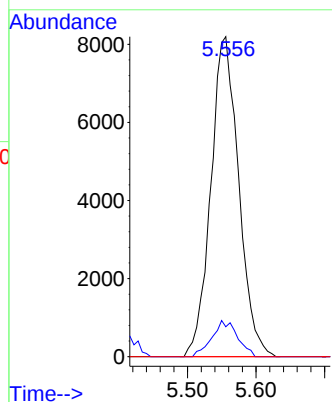
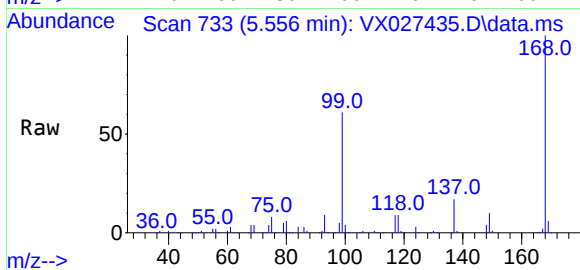




#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

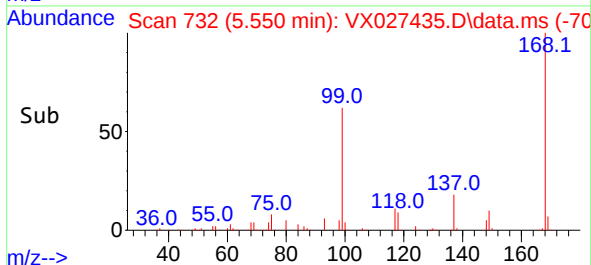
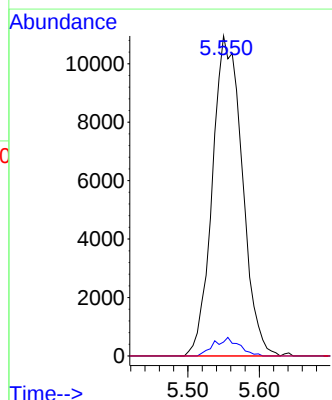
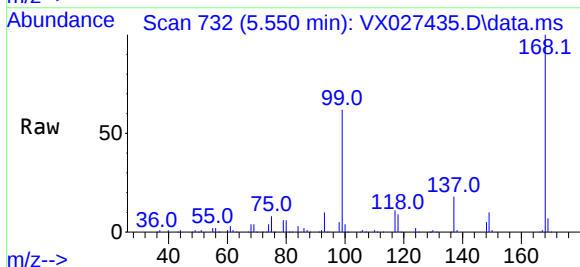
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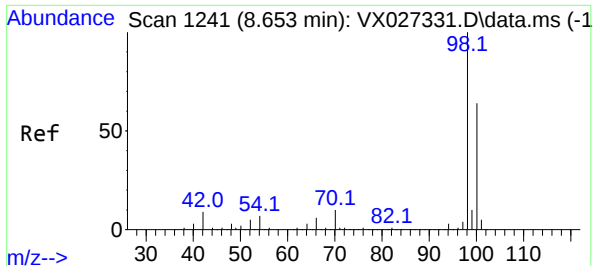
Tgt Ion: 75 Resp: 23138
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.739 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 117 Resp: 31694
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

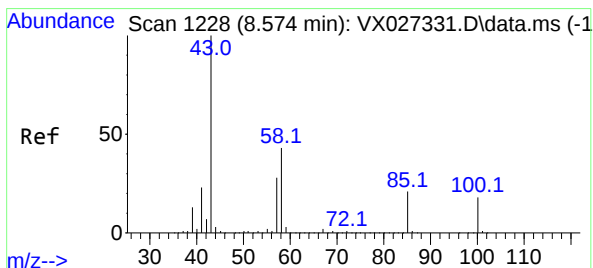
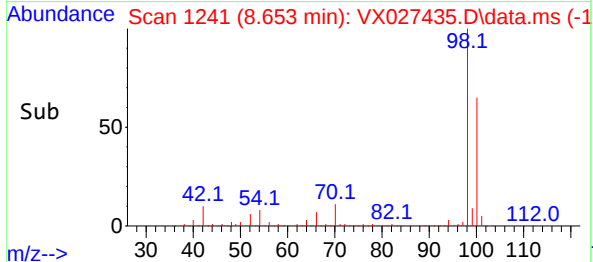
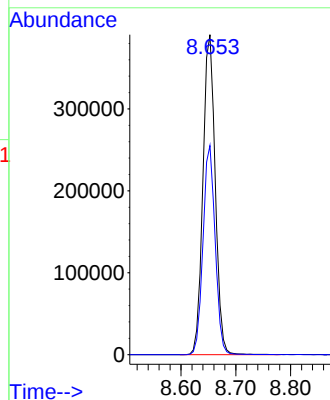
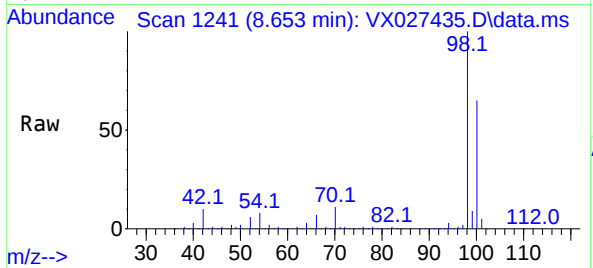




#50
Toluene-d8
Concen: 49.123 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

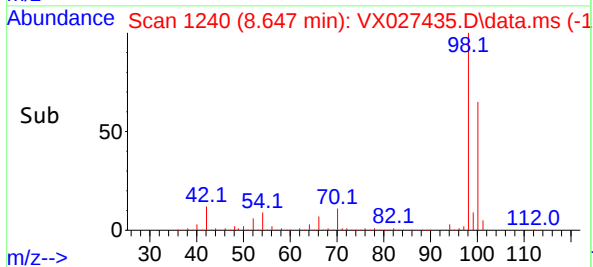
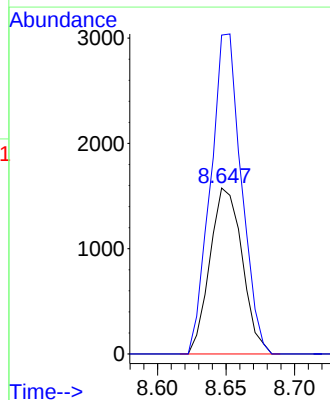
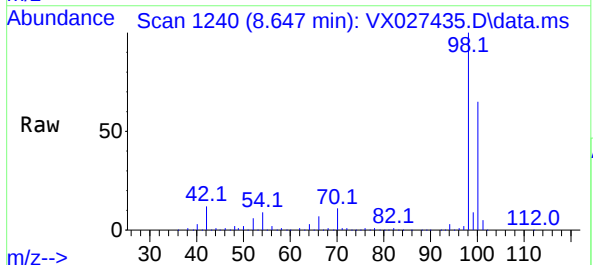
Instrument :
MSVOA_X
ClientSampleId :
TB

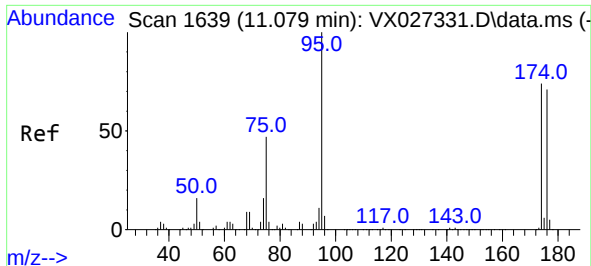
Tgt Ion: 98 Resp: 607523
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 43 Resp: 2587
Ion Ratio Lower Upper
43 100
58 184.2 36.1 54.1#

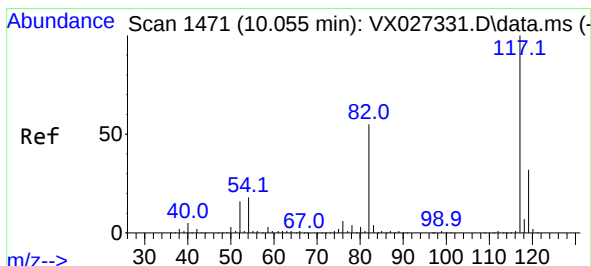
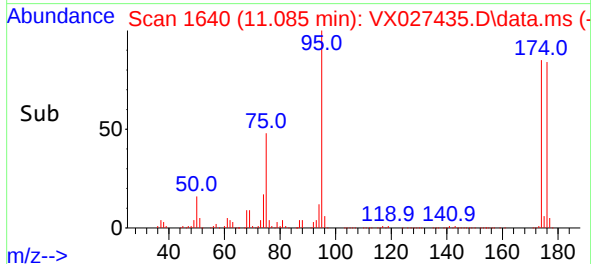
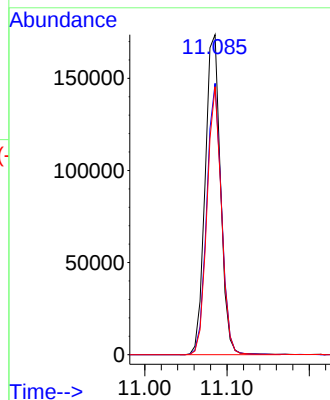
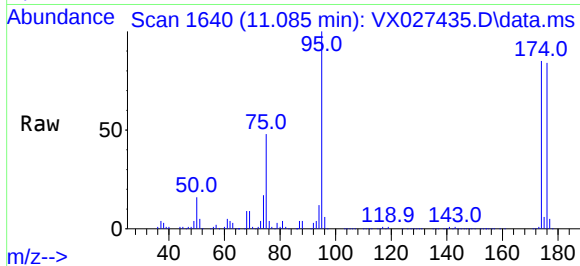




#62
4-Bromofluorobenzene
Concen: 47.729 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

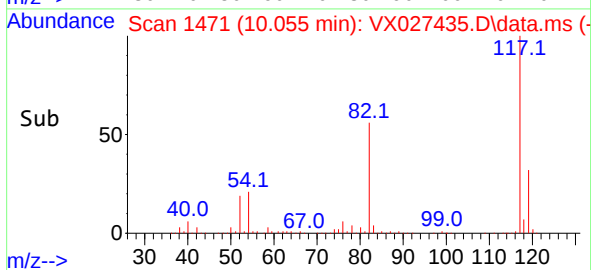
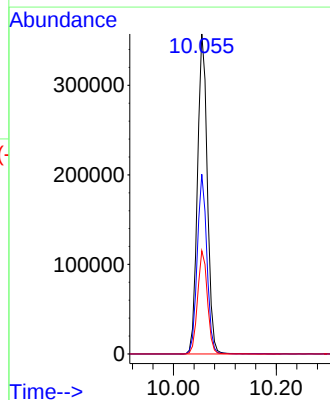
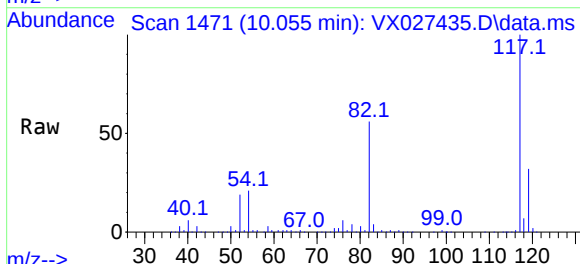
Instrument :
MSVOA_X
ClientSampleId :
TB

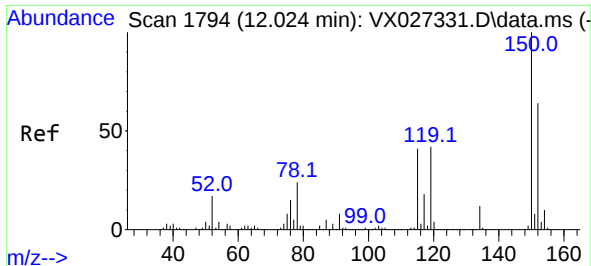
Tgt Ion: 95 Resp: 224976
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 78.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 117 Resp: 476497
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.2 24.8 37.2

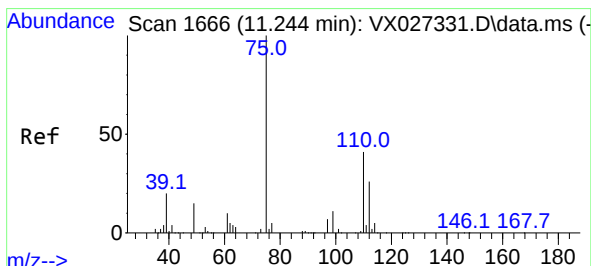
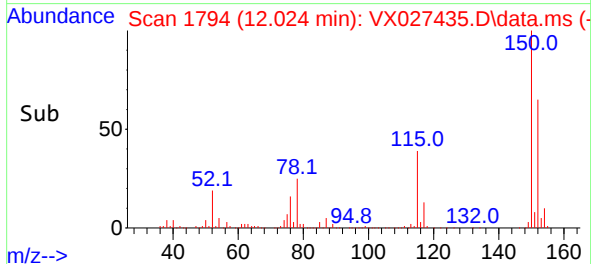
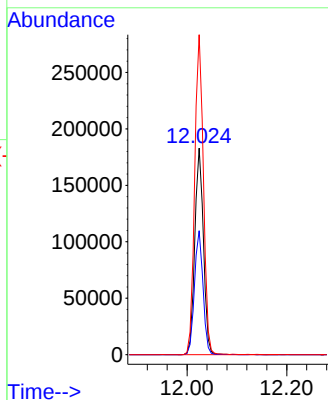
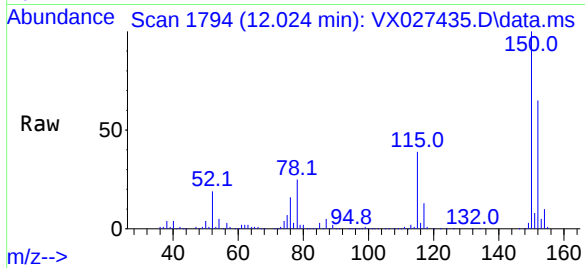




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

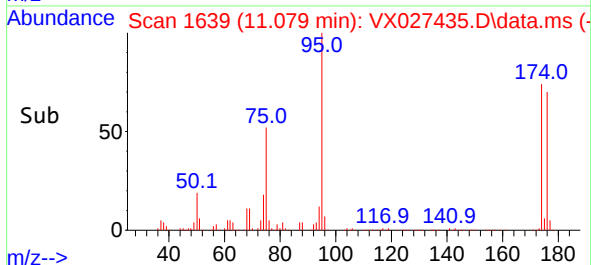
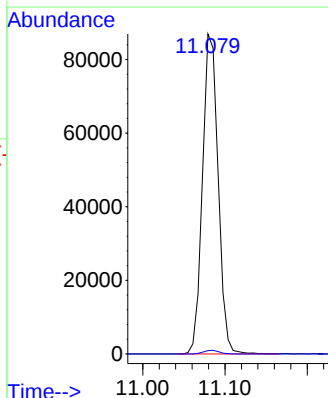
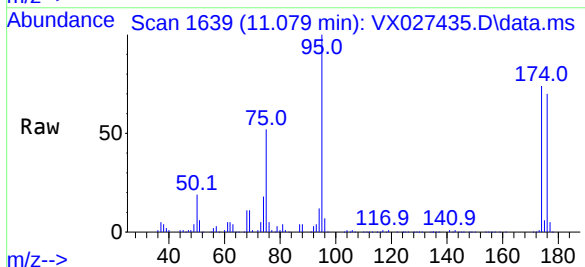
Instrument :
MSVOA_X
ClientSampleId :
TB

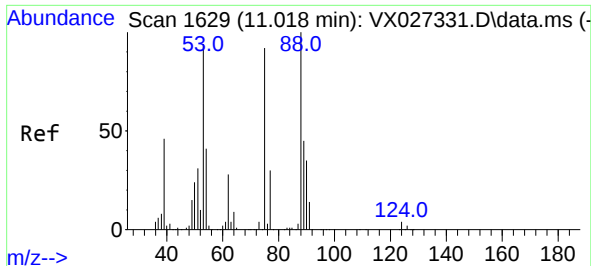
Tgt Ion:152 Resp: 219981
Ion Ratio Lower Upper
152 100
115 59.5 37.5 112.7
150 156.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027435.D
Acq: 14 Mar 2022 20:43

Tgt Ion: 75 Resp: 115027
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.077 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX027435.D
 Acq: 14 Mar 2022 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 115027
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

