

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027476.D
 Acq On : 16 Mar 2022 17:14
 Operator : JC/MD
 Sample : N1977-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20220315

Quant Time: Mar 17 00:52:34 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)

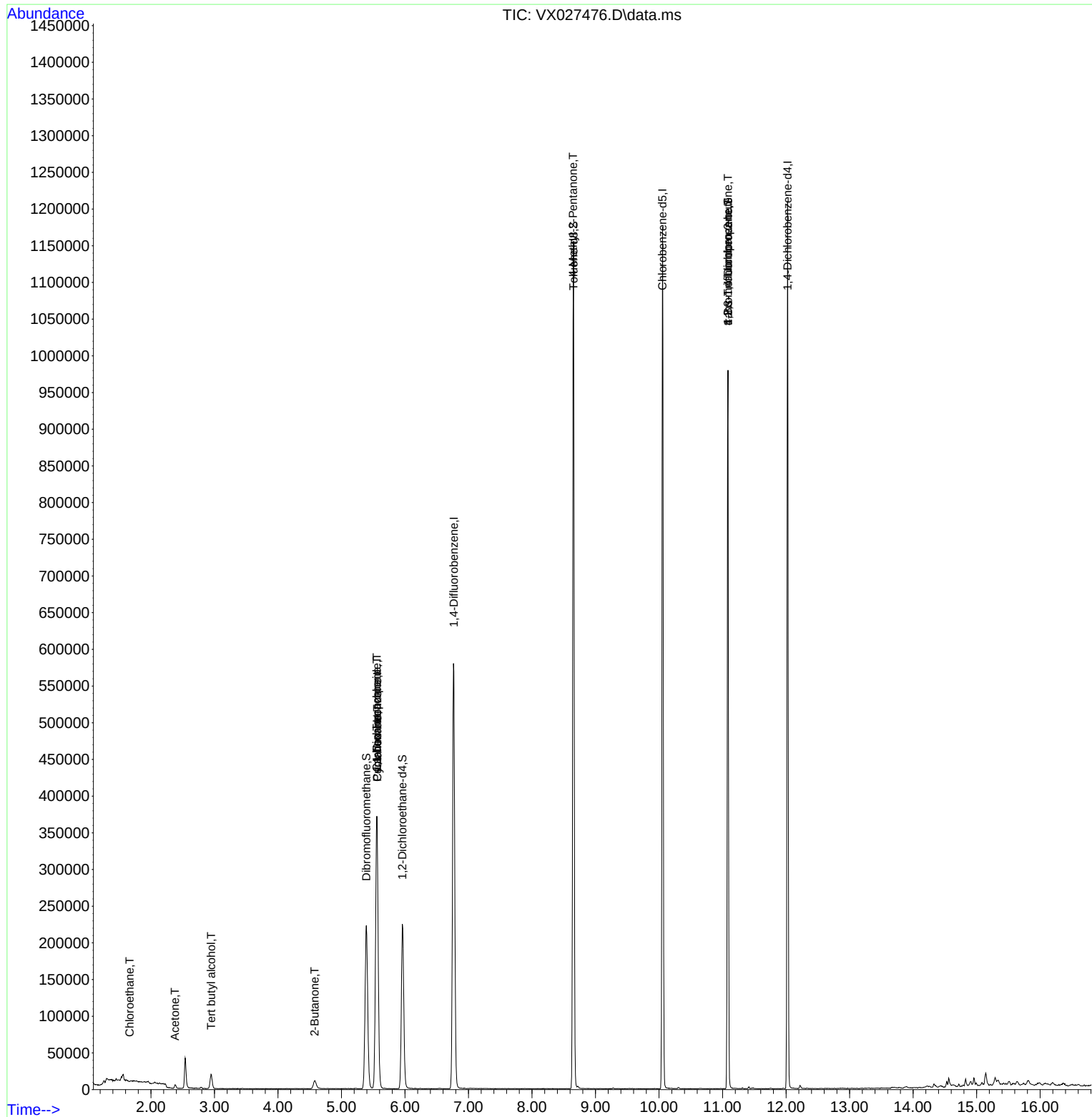
Internal Standards						
1) Pentafluorobenzene	5.562	168	363003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	637176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223700	52.845	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.680%	
35) Dibromofluoromethane	5.391	113	195105	47.454	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.900%	
50) Toluene-d8	8.653	98	700297	45.117	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 90.240%	
62) 4-Bromofluorobenzene	11.085	95	261256	44.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	529	Below Cal		90
6) Chloroethane	1.666	64	463	0.633	ug/l #	43
11) Tert butyl alcohol	2.947	59	11555	13.924	ug/l #	76
16) Acetone	2.380	43	5432	0.427	ug/l	99
25) 2-Butanone	4.574	43	597	0.205	ug/l #	85
31) Cyclohexane	5.562	56	6881	1.162	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	26027	4.560	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36476	6.180	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3103	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	128320	23.348	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	128320	75.510	ug/l #	15

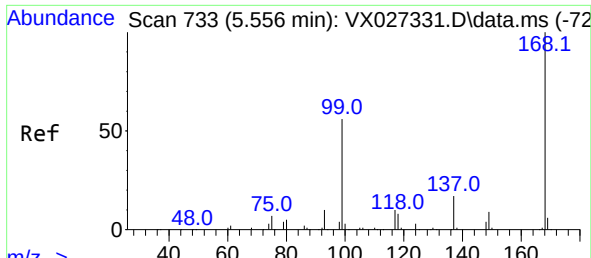
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
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Quant Time: Mar 17 00:52:34 2022
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Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

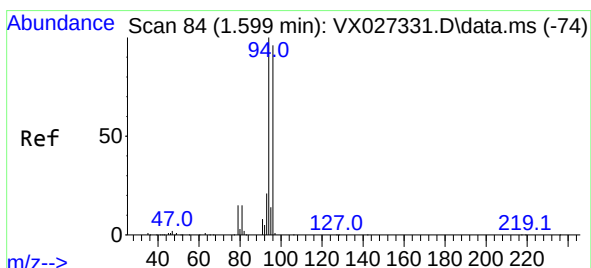
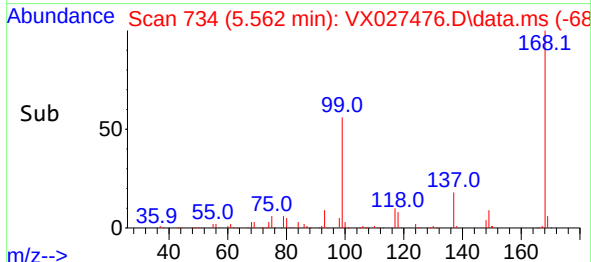
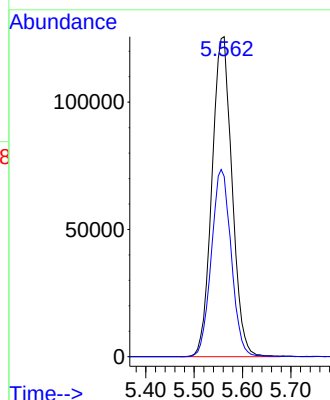
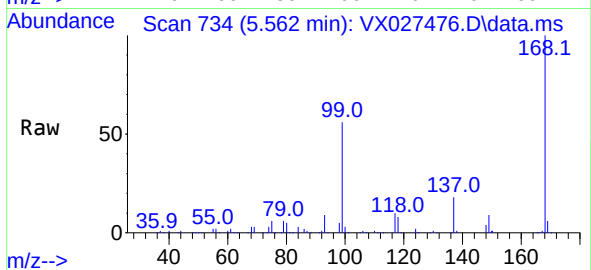




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

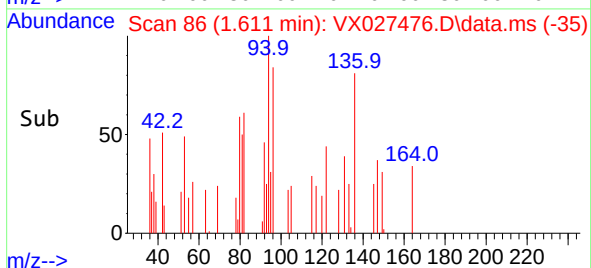
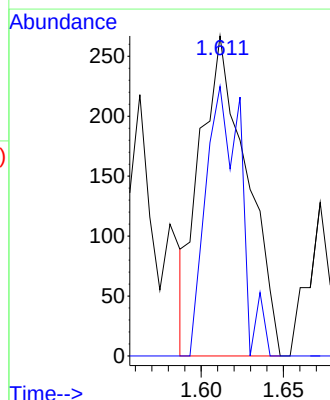
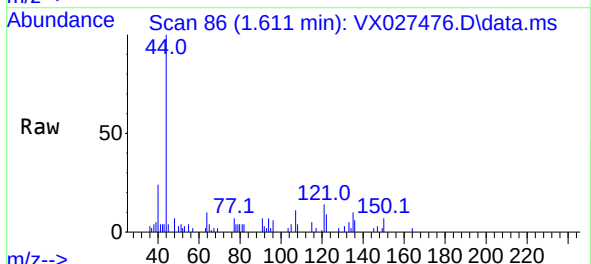
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

Tgt Ion:168 Resp: 363003
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5

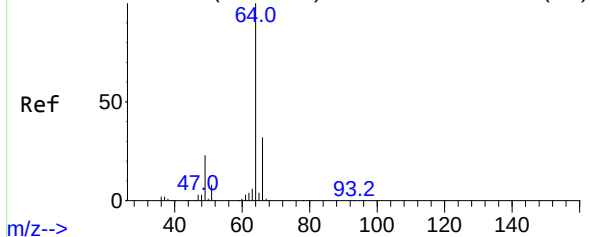


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 84.3 75.3 112.9

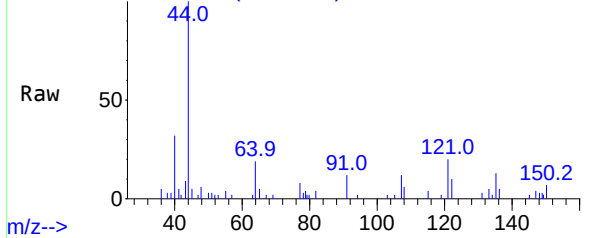


Abundance Scan 97 (1.679 min): VX027331.D\data.ms (-91)



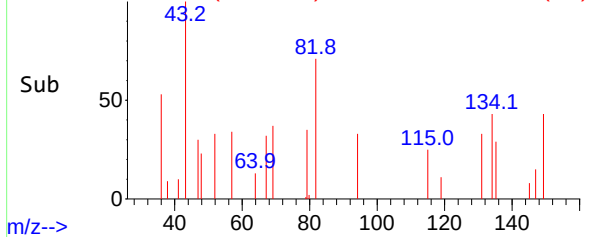
m/z-->

Abundance Scan 95 (1.666 min): VX027476.D\data.ms



m/z-->

Abundance Scan 95 (1.666 min): VX027476.D\data.ms (-48)



m/z-->

#6

Chloroethane

Concen: 0.633 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.013 min

Lab File: VX027476.D

Acq: 16 Mar 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

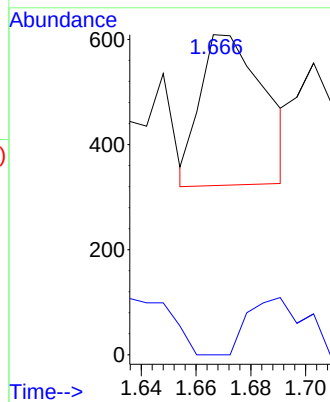
TB-20220315

Tgt Ion: 64 Resp: 463

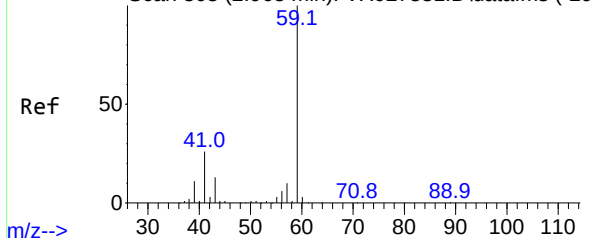
Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

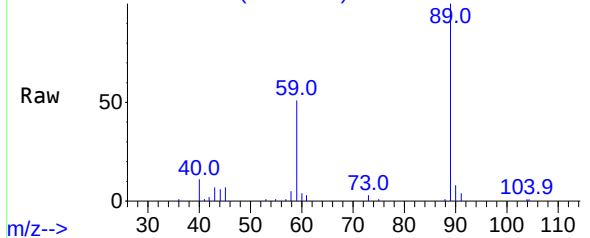


Abundance Scan 308 (2.965 min): VX027331.D\data.ms (-29)



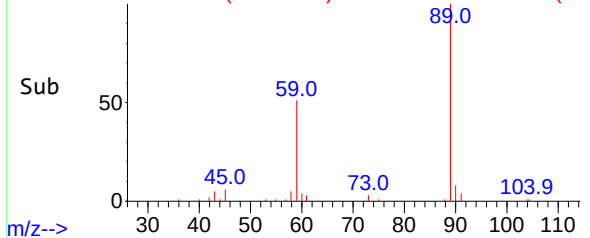
m/z-->

Abundance Scan 305 (2.947 min): VX027476.D\data.ms



m/z-->

Abundance Scan 305 (2.947 min): VX027476.D\data.ms (-25)



m/z-->

#11

Tert butyl alcohol

Concen: 13.924 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX027476.D

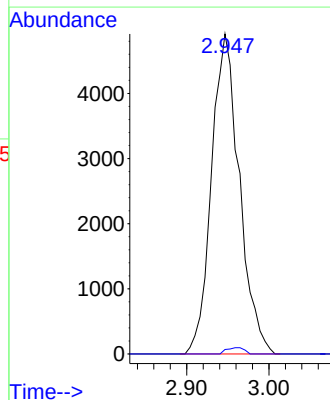
Acq: 16 Mar 2022 17:14

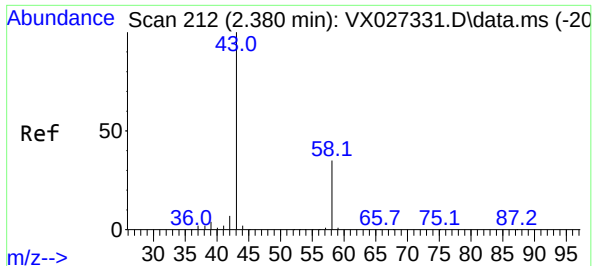
Tgt Ion: 59 Resp: 11555

Ion Ratio Lower Upper

59 100

57 1.3 8.3 12.5#

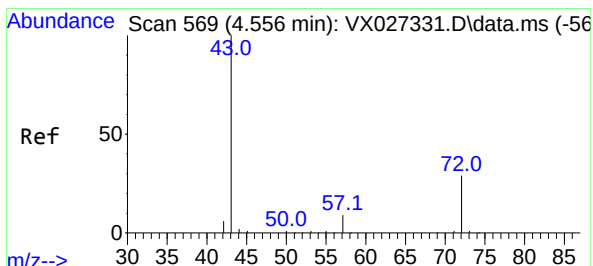
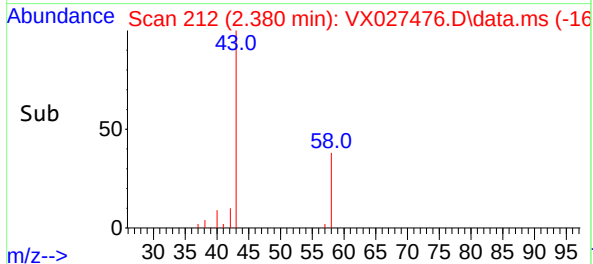
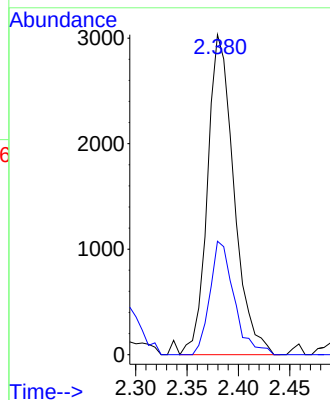
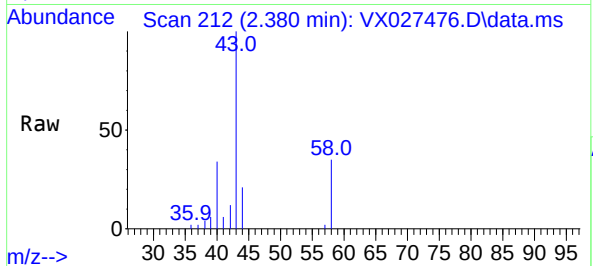




#16
Acetone
Concen: 0.427 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

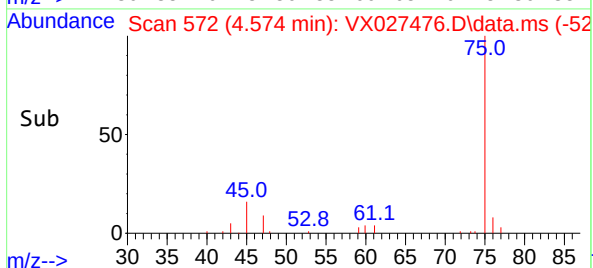
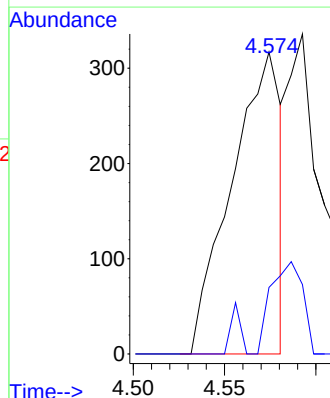
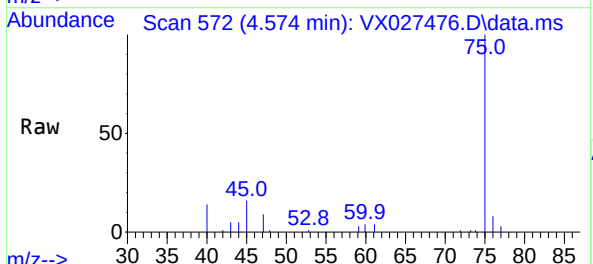
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

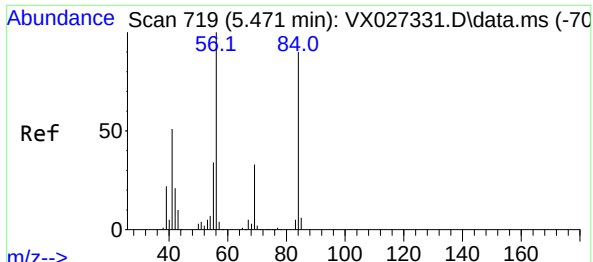
Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2



#25
2-Butanone
Concen: 0.205 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

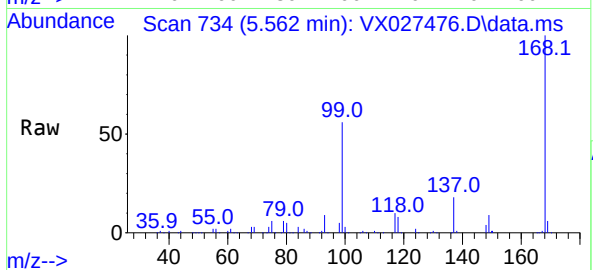
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 22.1 24.4 36.6#



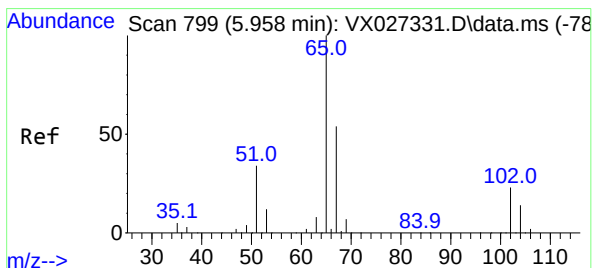
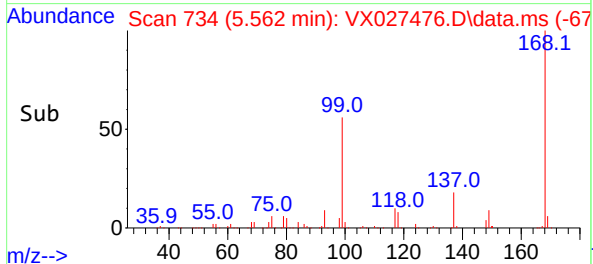
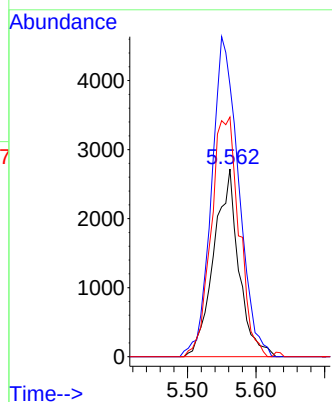


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

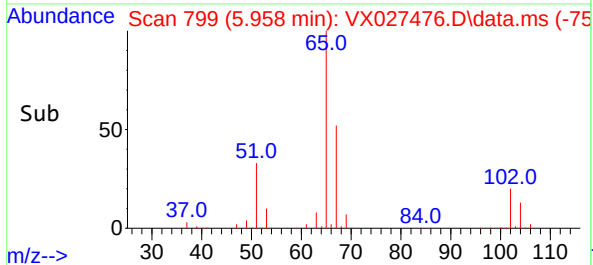
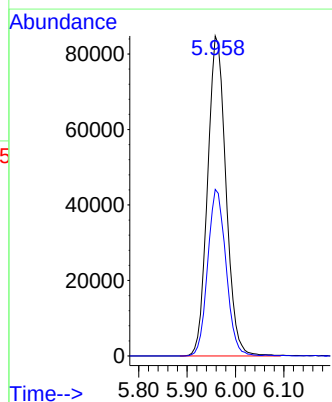
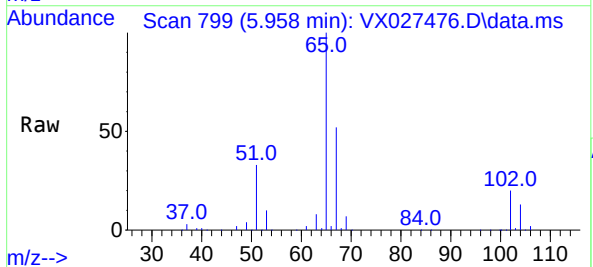


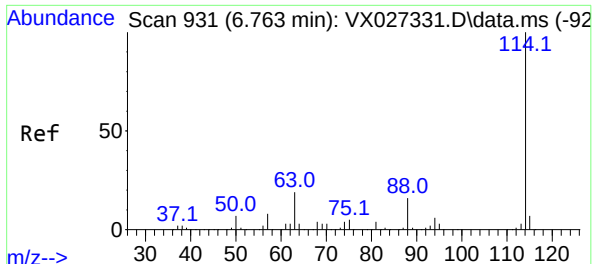
Tgt Ion: 56 Resp: 6881
Ion Ratio Lower Upper
56 100
69 144.8 26.7 40.1#
84 127.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.845 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 65 Resp: 223700
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

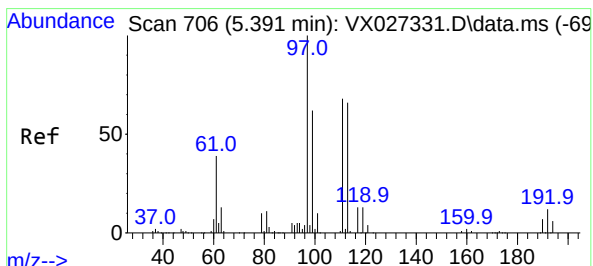
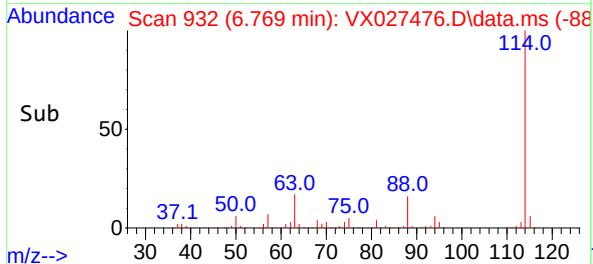
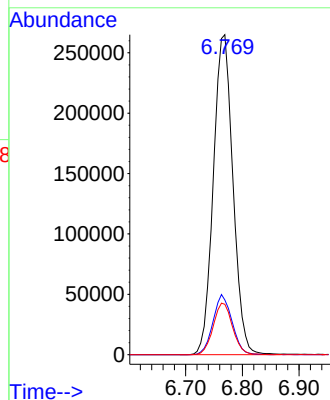
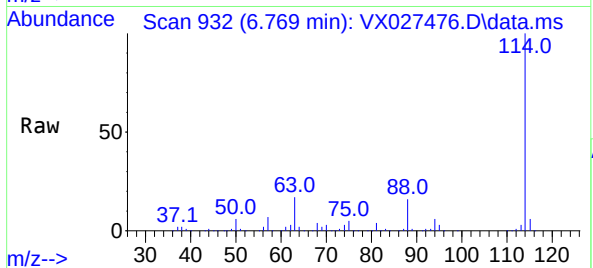




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

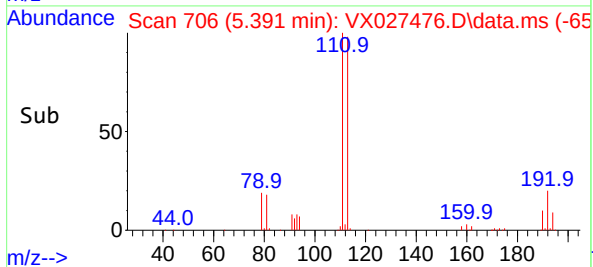
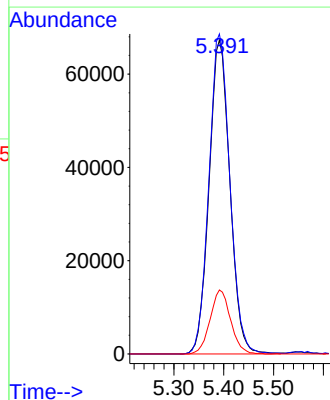
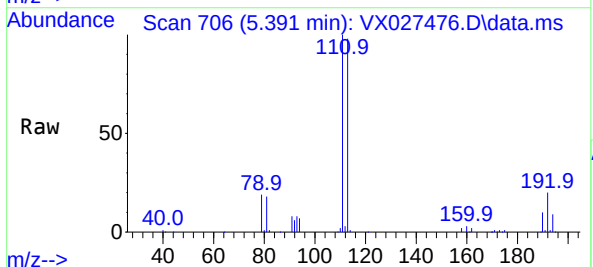
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

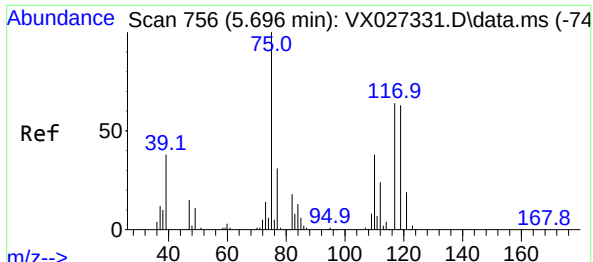
Tgt Ion:114 Resp: 637176
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.454 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion:113 Resp: 195105
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.0 16.9 25.3

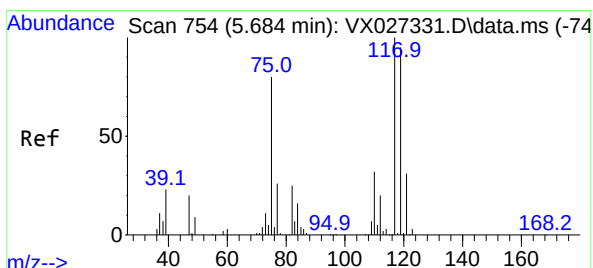
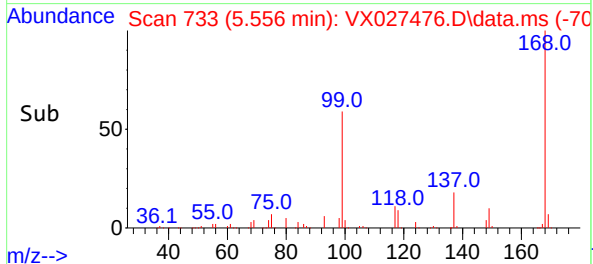
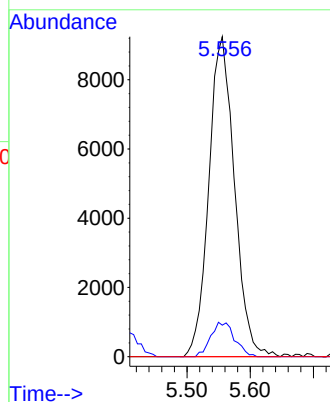
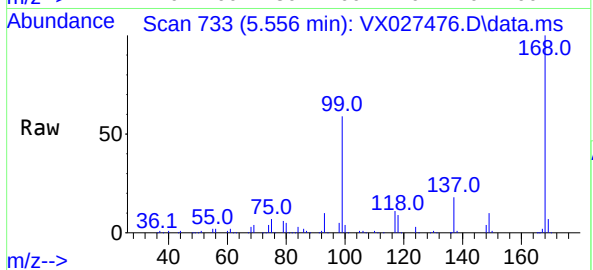




#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

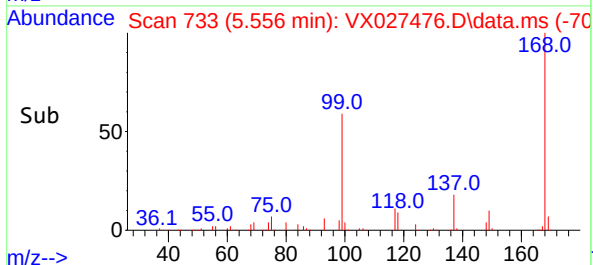
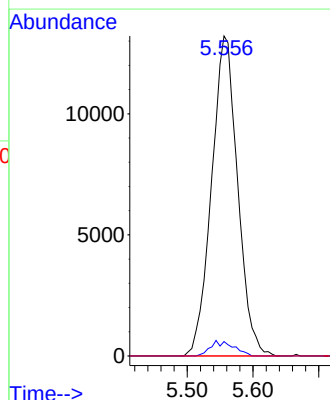
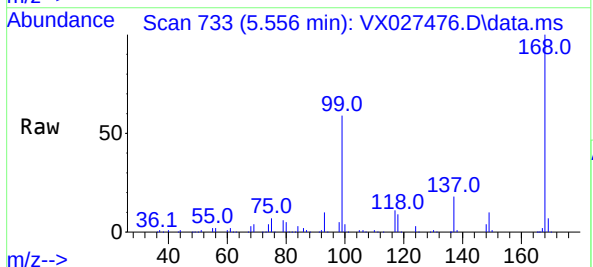
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TB-20220315

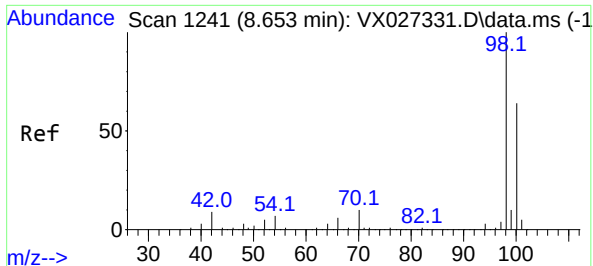
Tgt Ion: 75 Resp: 26027
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 117 Resp: 36476
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

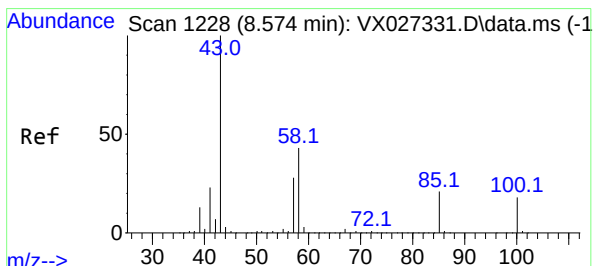
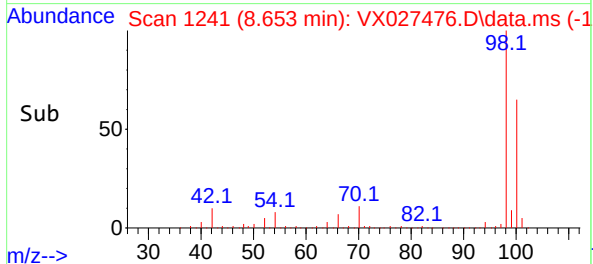
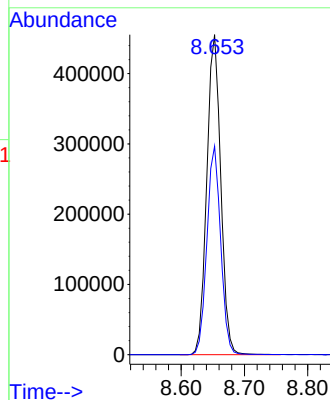
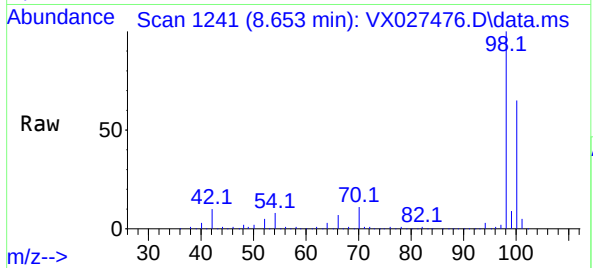




#50
Toluene-d8
Concen: 45.117 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

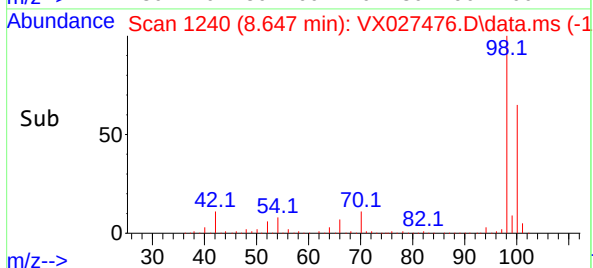
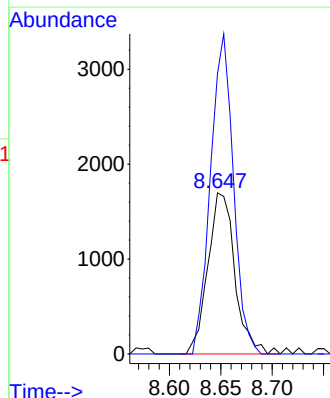
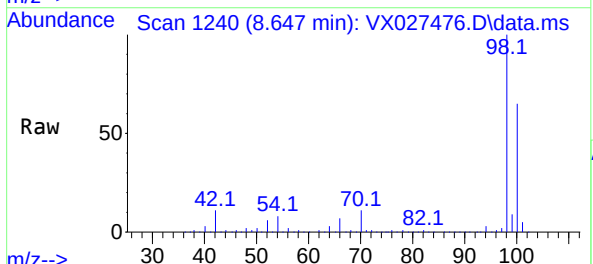
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

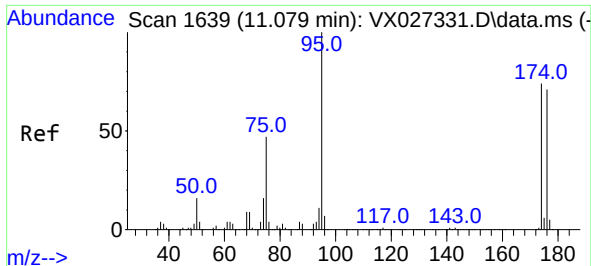
Tgt Ion: 98 Resp: 700297
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 43 Resp: 3103
Ion Ratio Lower Upper
43 100
58 168.4 36.1 54.1#

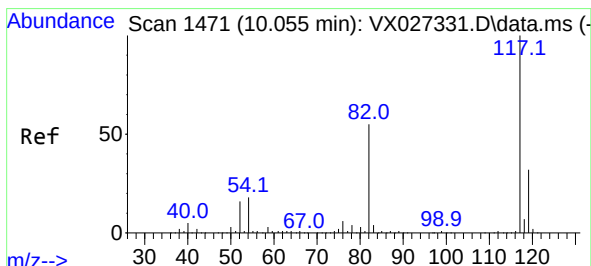
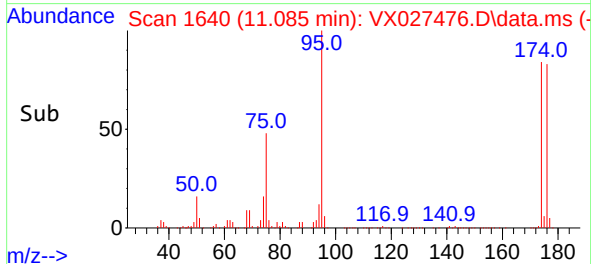
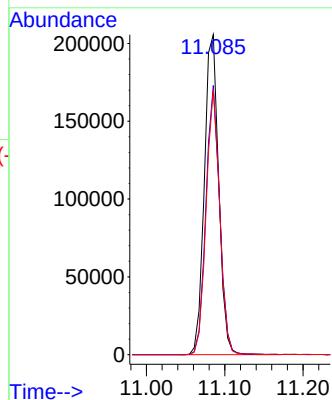
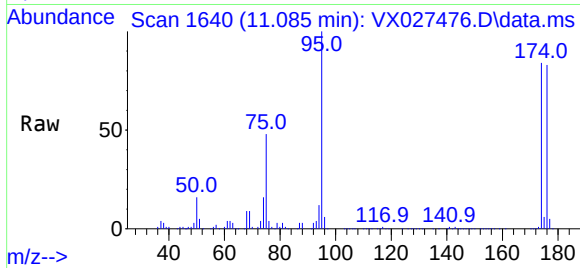




#62
4-Bromofluorobenzene
Concen: 44.162 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

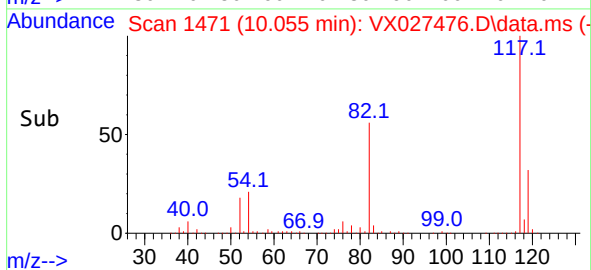
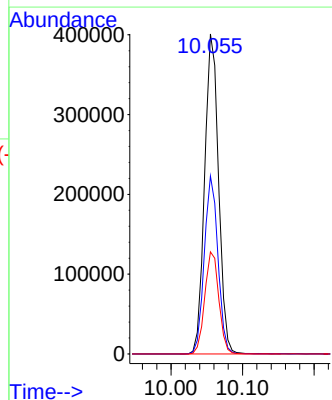
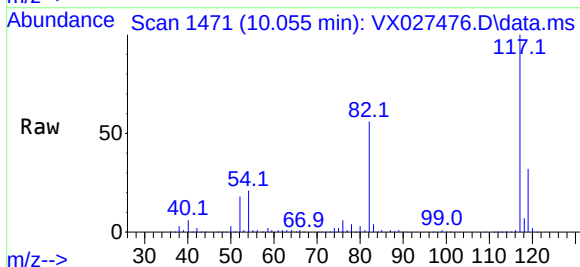
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

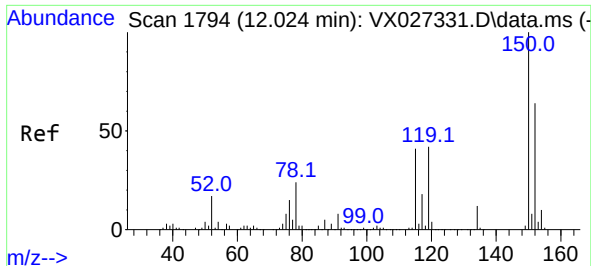
Tgt Ion: 95 Resp: 261256
Ion Ratio Lower Upper
95 100
174 80.7 0.0 163.0
176 78.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 117 Resp: 543283
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 31.9 24.8 37.2

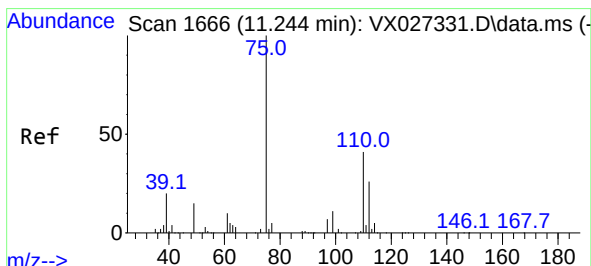
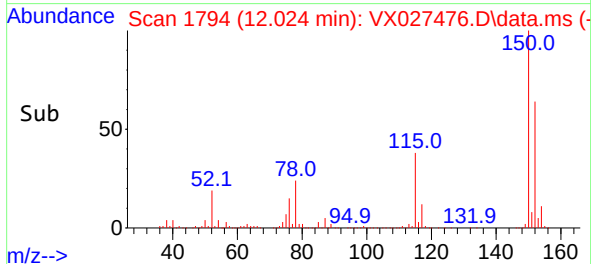
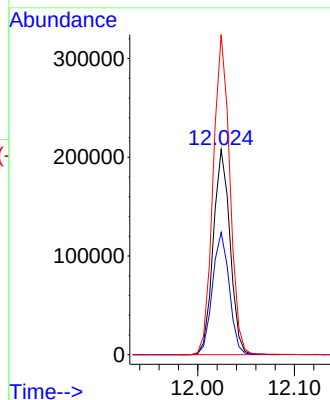
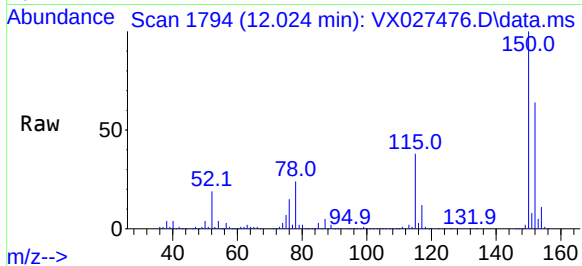




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

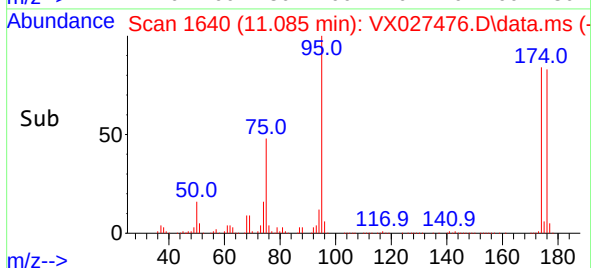
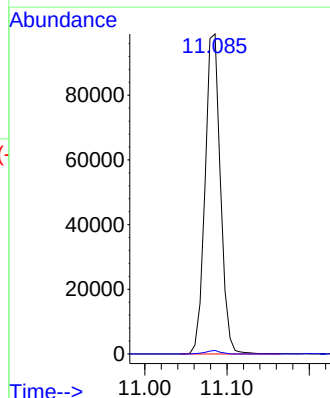
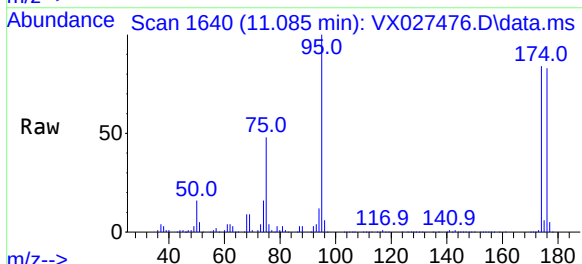
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

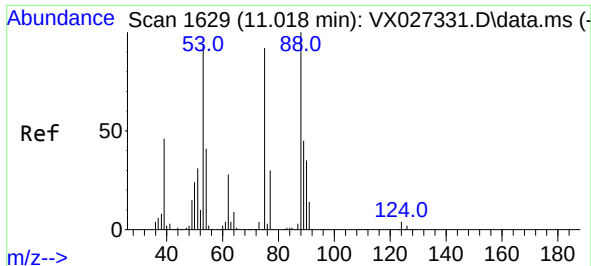
Tgt Ion:152 Resp: 250497
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 155.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 75 Resp: 128320
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.510 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX027476.D
 Acq: 16 Mar 2022 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20220315

Tgt Ion: 75 Resp: 128320
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

