

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027432.D
 Acq On : 14 Mar 2022 19:32
 Operator : JC/MD
 Sample : N1915-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Mar 15 06:06:18 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)

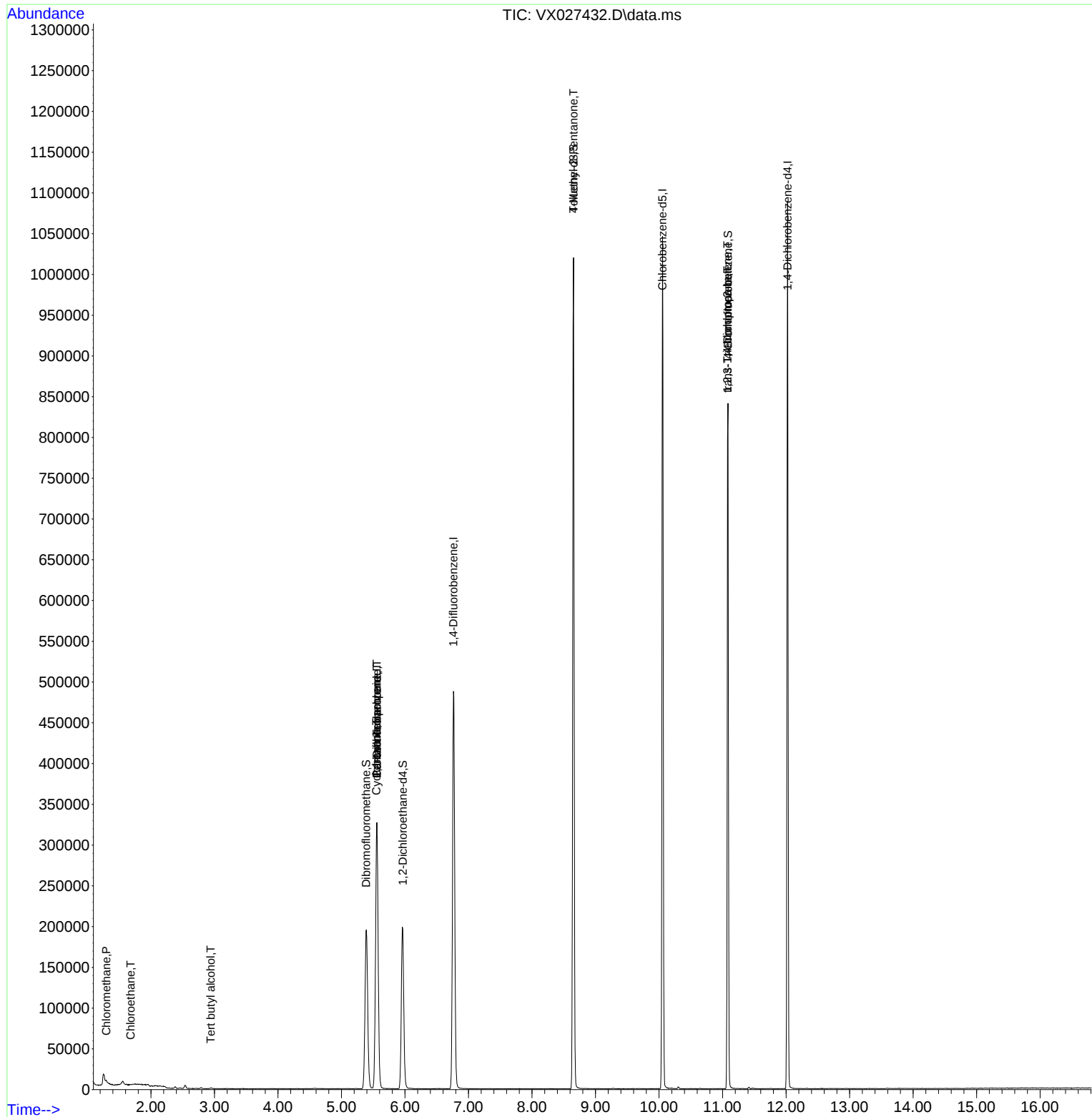
Internal Standards						
1) Pentafluorobenzene	5.556	168	311791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	201246	55.349	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.700%	
35) Dibromofluoromethane	5.385	113	171647	52.191	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.380%	
50) Toluene-d8	8.653	98	607375	48.918	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.085	95	224990	47.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	997	0.297	ug/l	91
5) Bromomethane	1.612	94	470	Below Cal		92
6) Chloroethane	1.679	64	834	0.824	ug/l #	43
11) Tert butyl alcohol	2.941	59	588	0.825	ug/l #	72
16) Acetone	2.380	43	2160	Below Cal		100
31) Cyclohexane	5.550	56	6217	1.222	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	23036	5.045	ug/l #	49
38) Carbon Tetrachloride	5.556	117	31801	6.735	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2464	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	114172	23.815	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114172	77.021	ug/l #	15

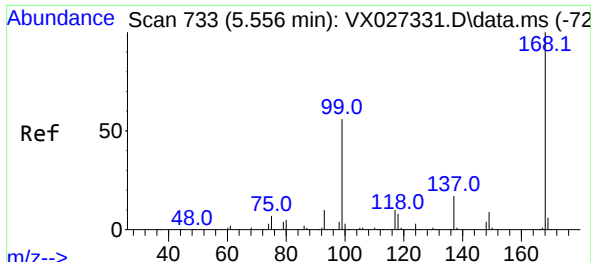
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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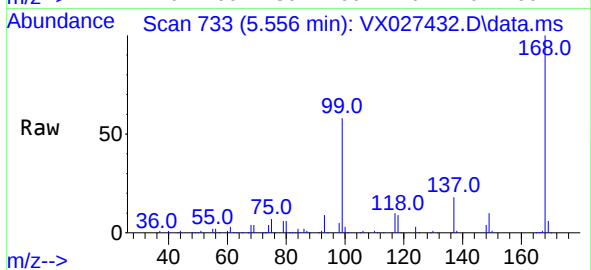
Quant Time: Mar 15 06:06:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



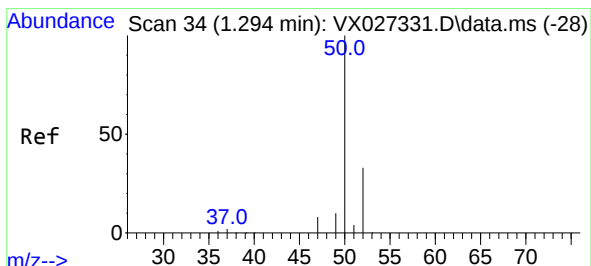
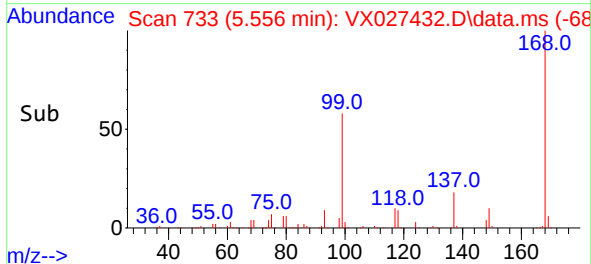
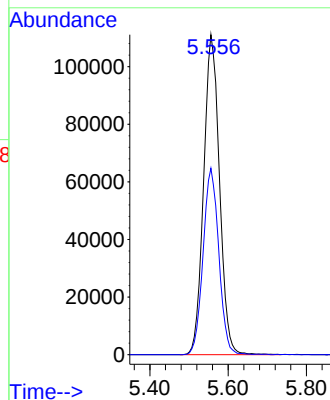


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

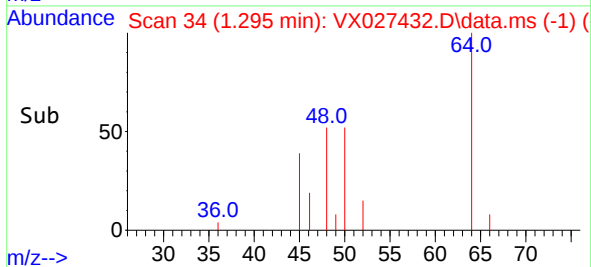
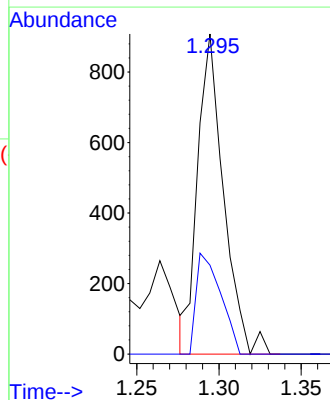
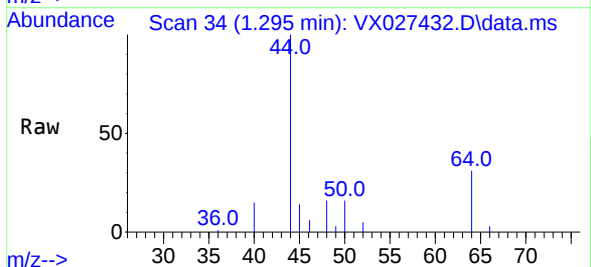


Tgt Ion:168 Resp: 311791
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5

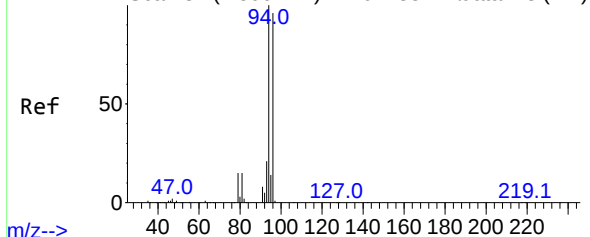


#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 50 Resp: 997
Ion Ratio Lower Upper
50 100
52 27.8 26.4 39.6



Abundance Scan 84 (1.599 min): VX027331.D\data.ms (-74)



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 86

Delta R.T. 0.013 min

Lab File: VX027432.D

Acq: 14 Mar 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-REF-4

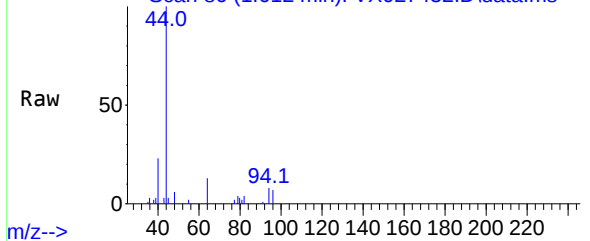
Tgt Ion: 94 Resp: 470

Ion Ratio Lower Upper

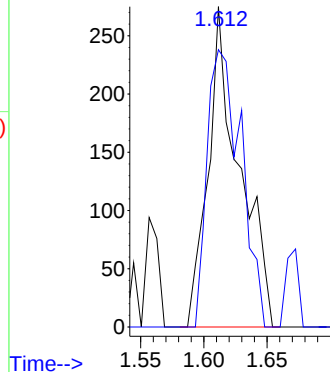
94 100

96 86.5 75.3 112.9

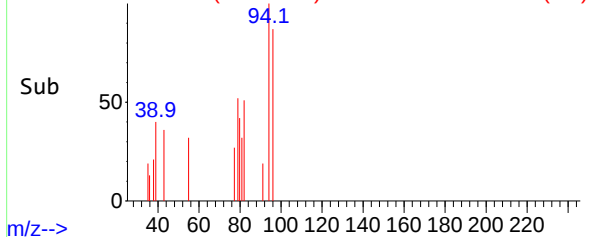
Abundance Scan 86 (1.612 min): VX027432.D\data.ms



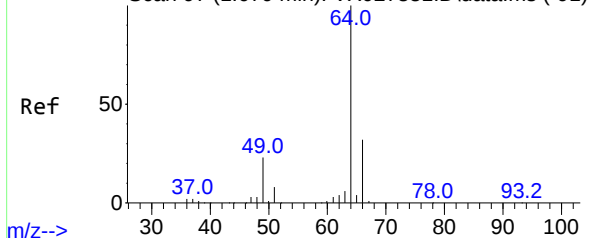
Abundance



Abundance Scan 86 (1.612 min): VX027432.D\data.ms (-35)



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



#6

Chloroethane

Concen: 0.824 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.000 min

Lab File: VX027432.D

Acq: 14 Mar 2022 19:32

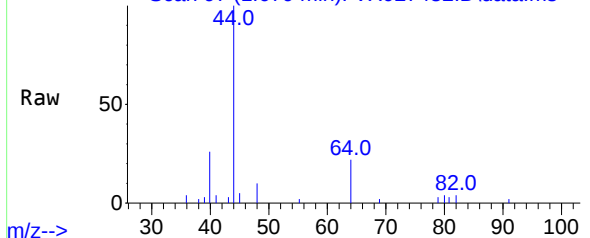
Tgt Ion: 64 Resp: 834

Ion Ratio Lower Upper

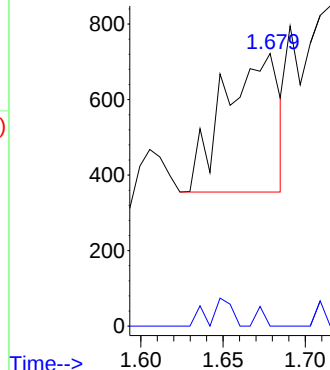
64 100

66 0.0 25.3 37.9#

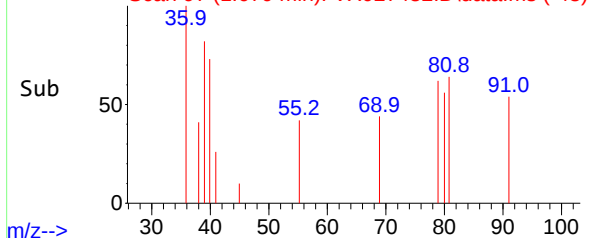
Abundance Scan 97 (1.679 min): VX027432.D\data.ms

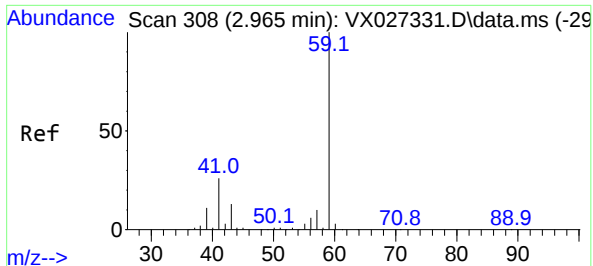


Abundance



Abundance Scan 97 (1.679 min): VX027432.D\data.ms (-48)





#11

Tert butyl alcohol

Concen: 0.825 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX027432.D

Acq: 14 Mar 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

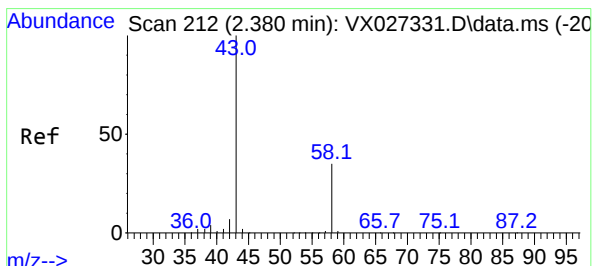
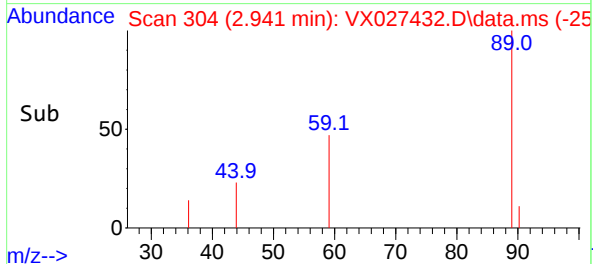
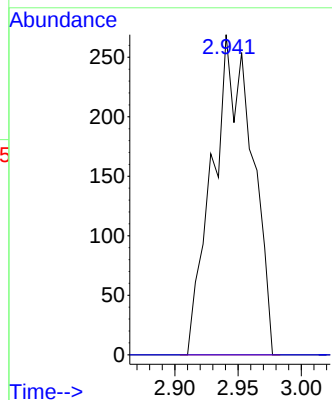
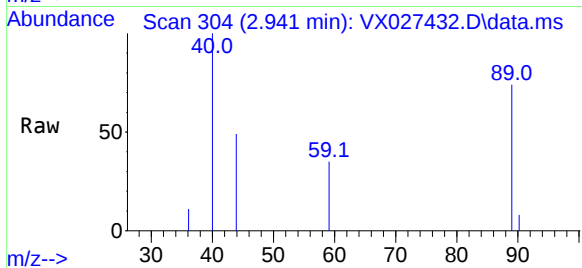
STORAGE-BLANK-REF-4

Tgt Ion: 59 Resp: 588

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: VX027432.D

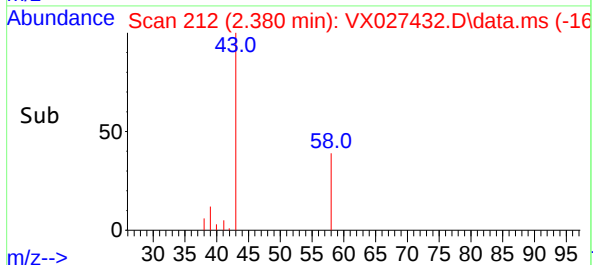
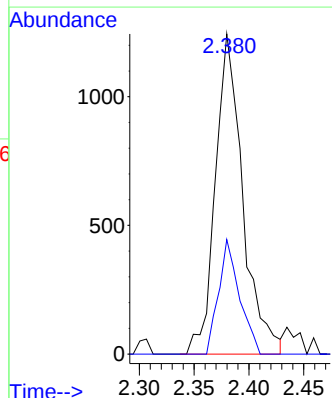
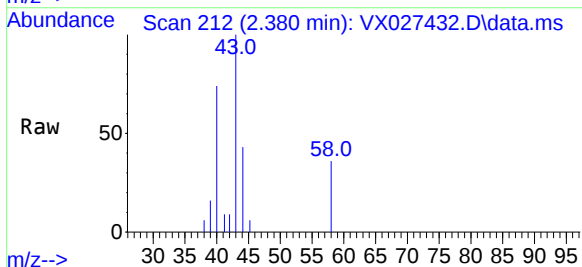
Acq: 14 Mar 2022 19:32

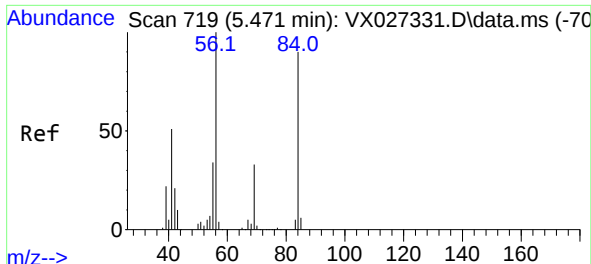
Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

43 100

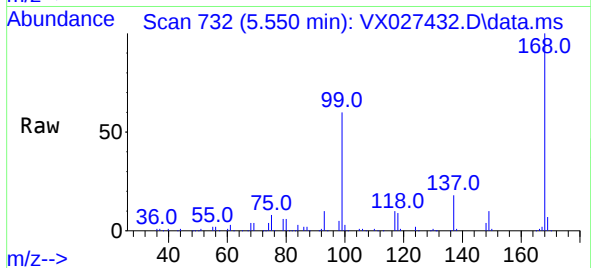
58 35.8 28.8 43.2



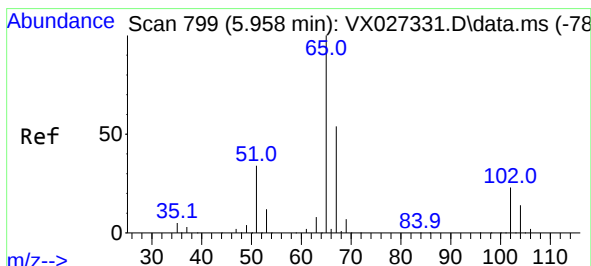
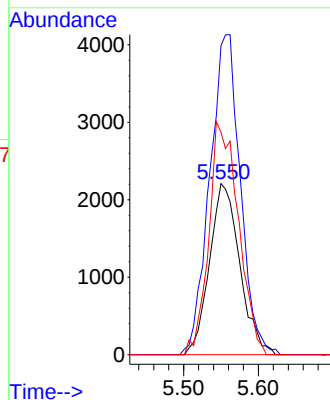
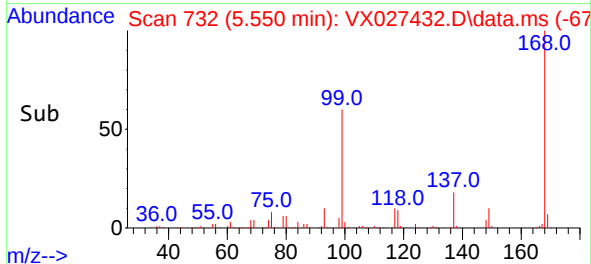


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

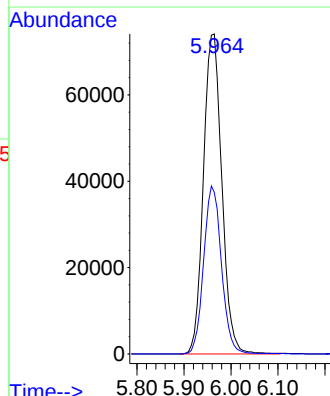
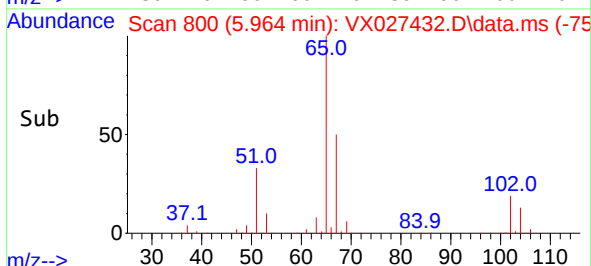
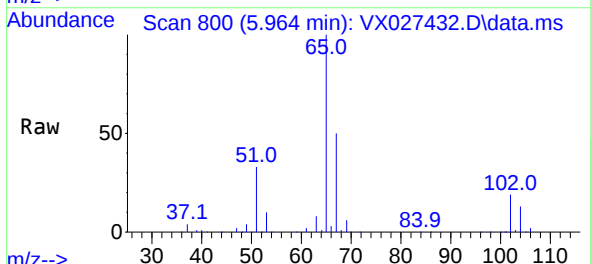


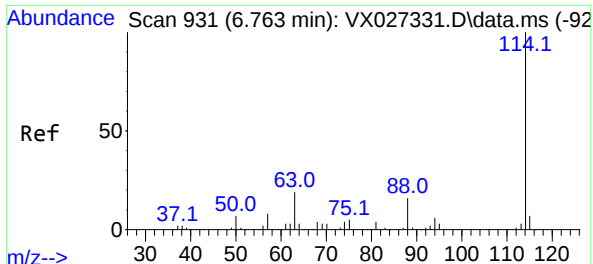
Tgt Ion: 56 Resp: 6217
Ion Ratio Lower Upper
56 100
69 180.5 26.7 40.1#
84 130.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.349 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 65 Resp: 201246
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

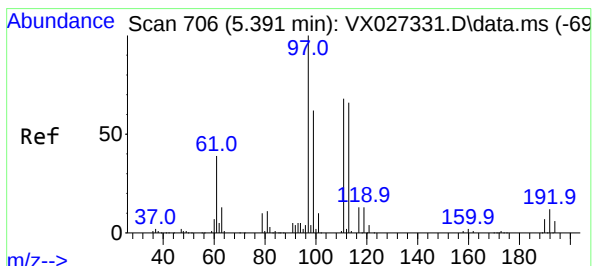
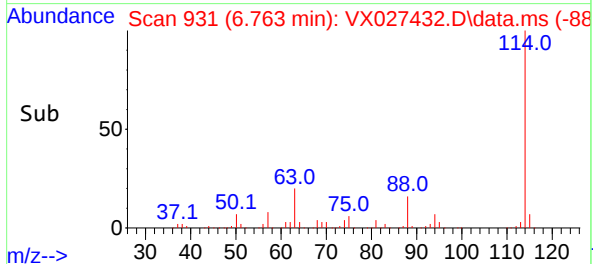
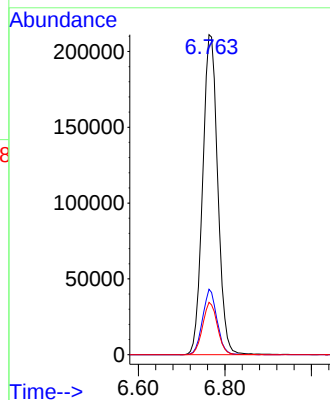
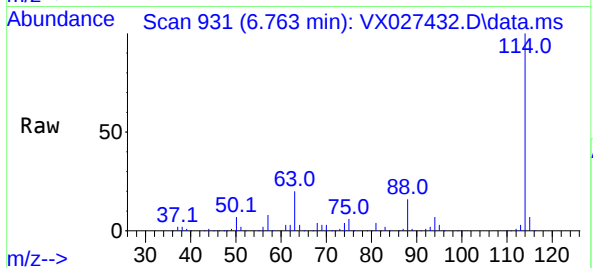




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

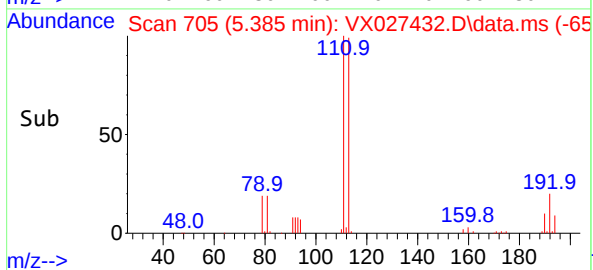
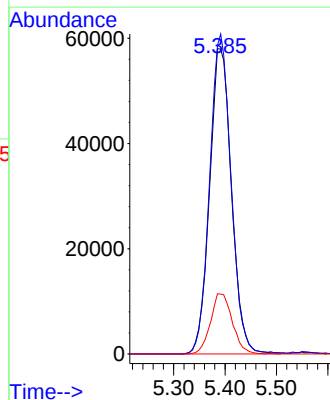
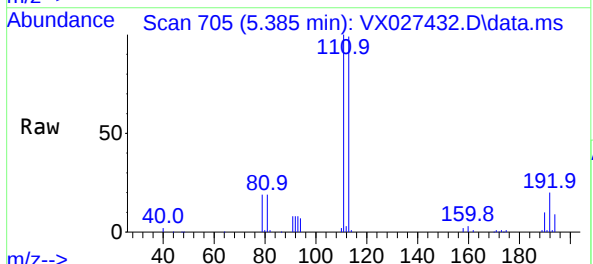
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

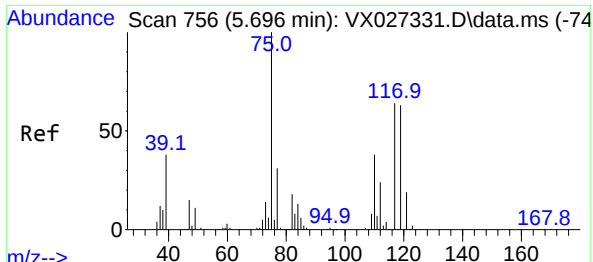
Tgt Ion:114 Resp: 509691
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.191 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion:113 Resp: 171647
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.6 16.9 25.3

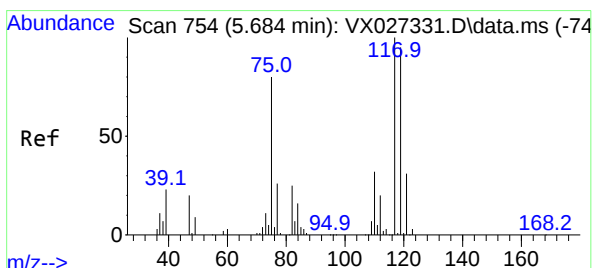
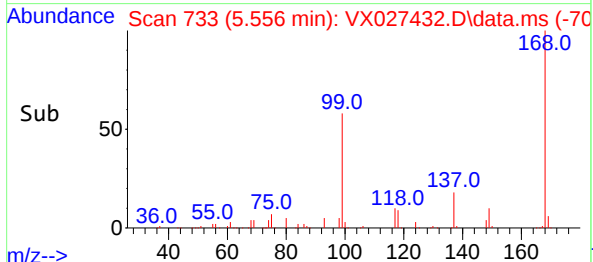
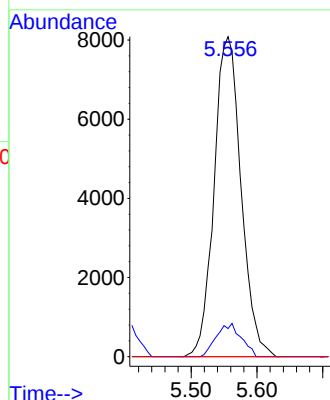
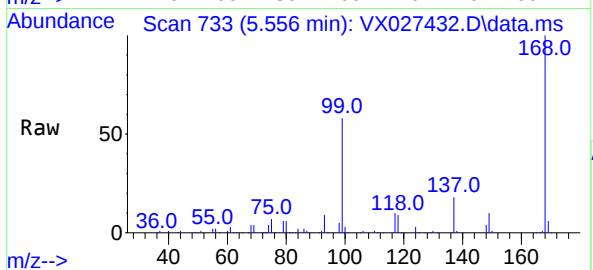




#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

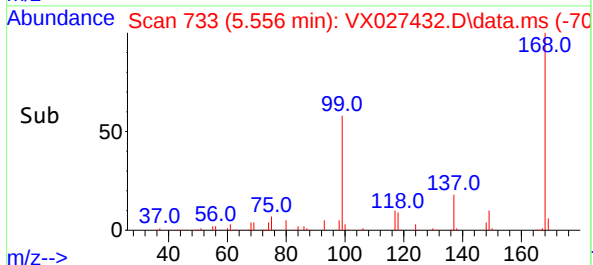
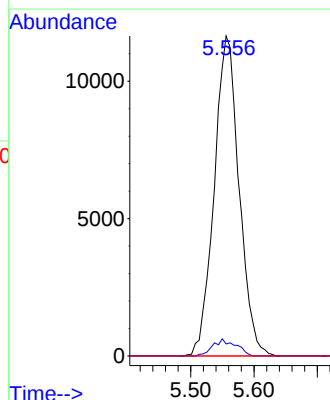
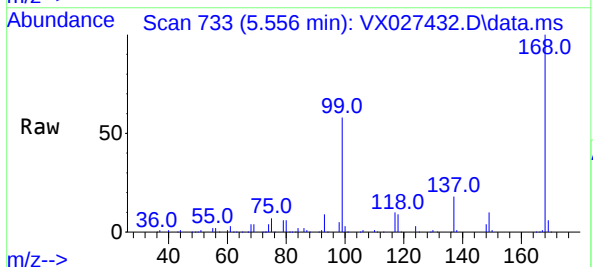
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STORAGE-BLANK-REF-4

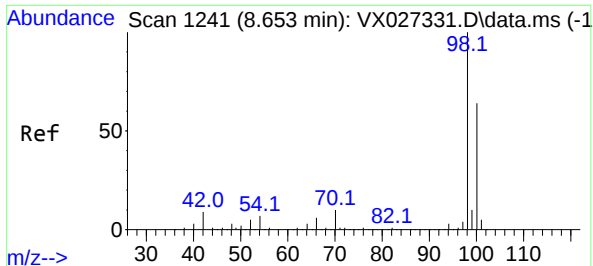
Tgt Ion: 75 Resp: 23036
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.735 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 117 Resp: 31801
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#

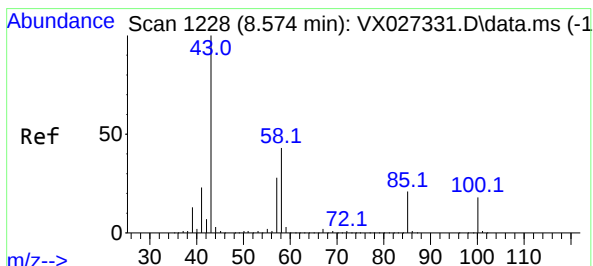
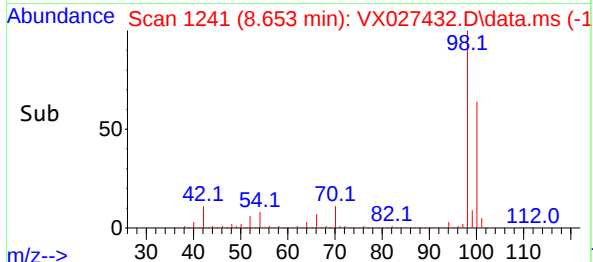
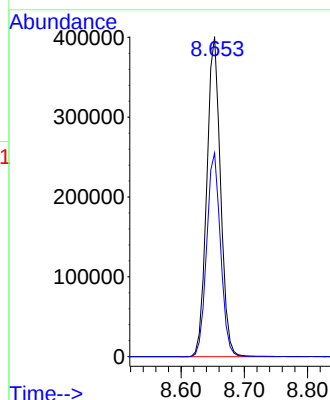
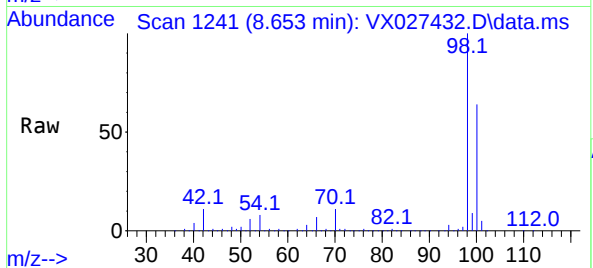




#50
Toluene-d8
Concen: 48.918 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

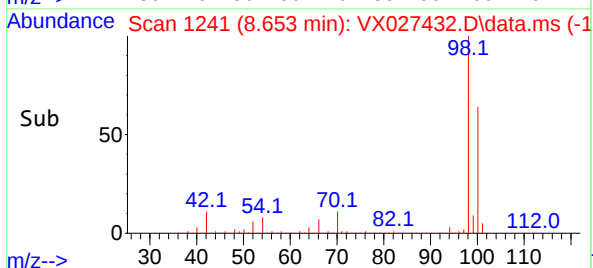
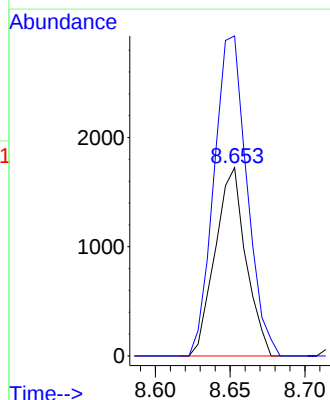
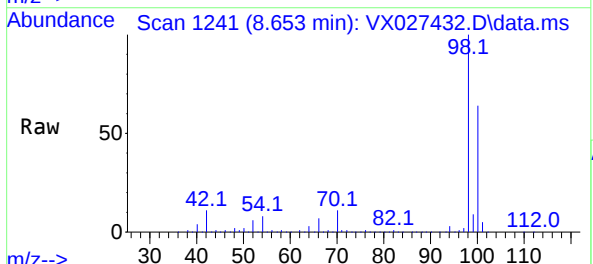
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

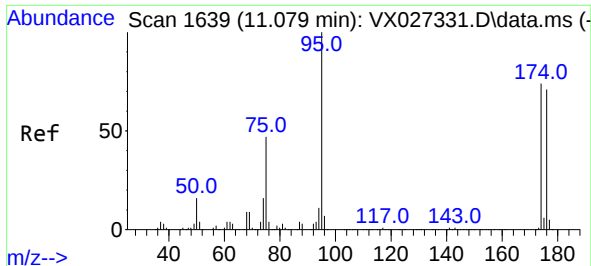
Tgt Ion: 98 Resp: 607375
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 182.2 36.1 54.1#

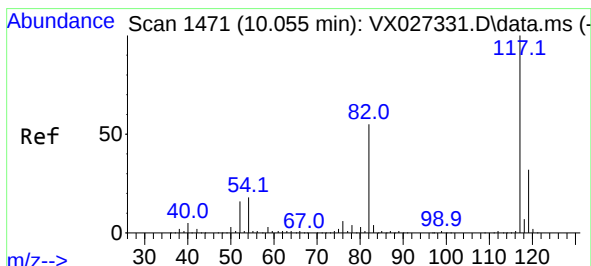
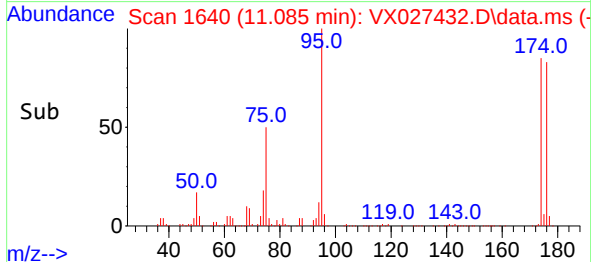
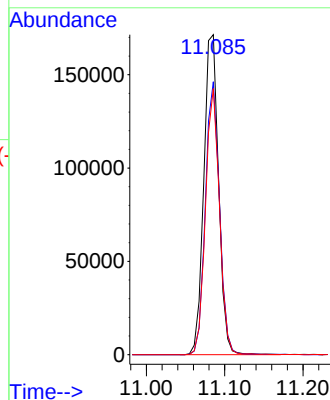
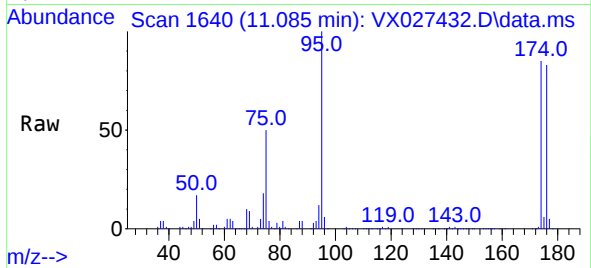




#62
4-Bromofluorobenzene
Concen: 47.544 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

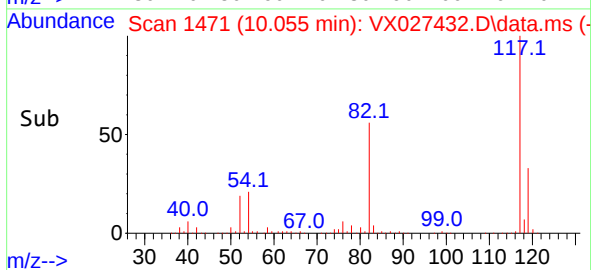
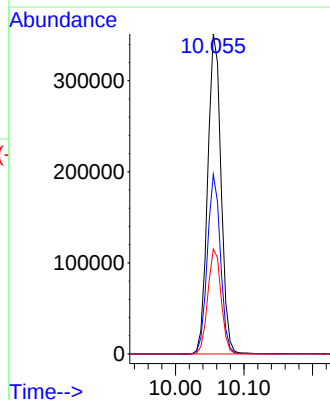
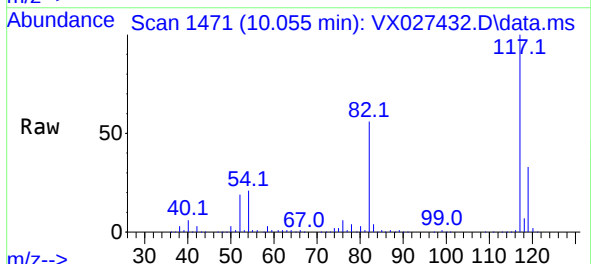
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

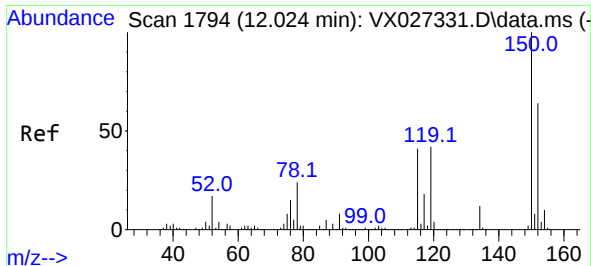
Tgt Ion: 95 Resp: 224990
Ion Ratio Lower Upper
95 100
174 81.4 0.0 163.0
176 78.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 117 Resp: 476232
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.8 24.8 37.2

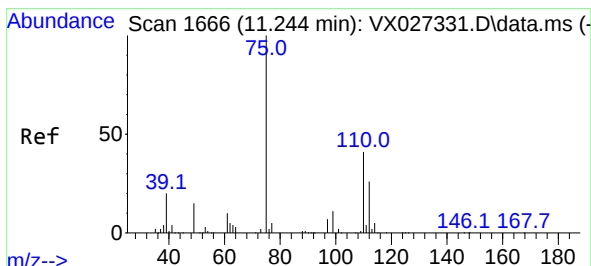
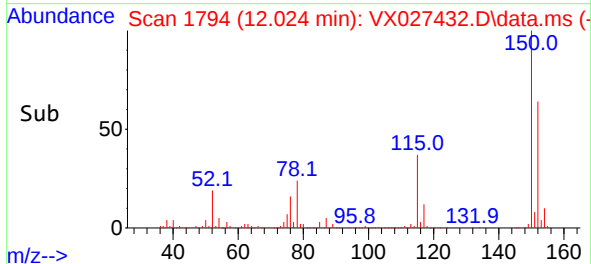
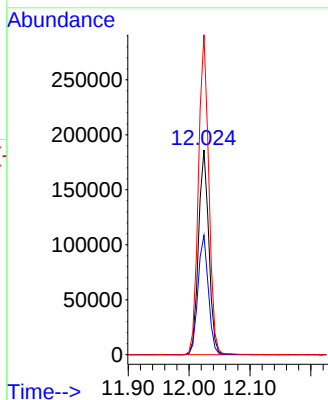
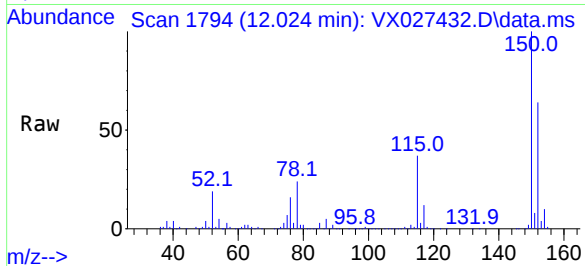




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

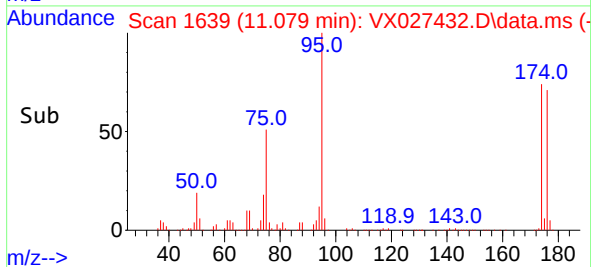
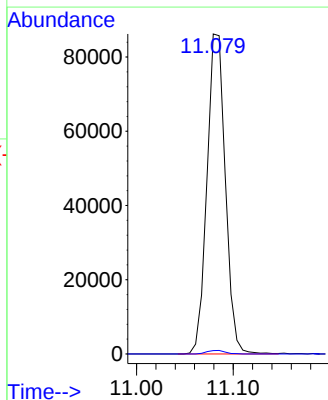
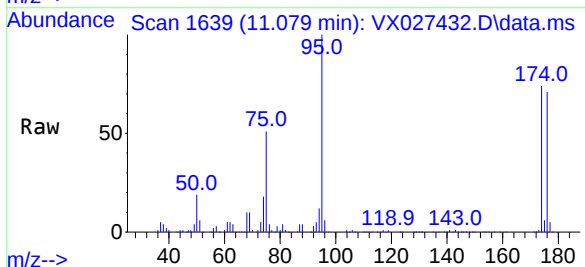
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

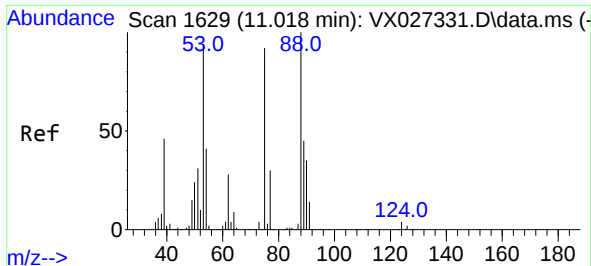
Tgt Ion:152 Resp: 218505
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 156.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027432.D
Acq: 14 Mar 2022 19:32

Tgt Ion: 75 Resp: 114172
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.021 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027432.D
 Acq: 14 Mar 2022 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Tgt Ion: 75 Resp: 114172
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

