

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032516.D
 Acq On : 01 Nov 2022 16:21
 Operator : JC/MD
 Sample : N5390-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 02 05:31:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

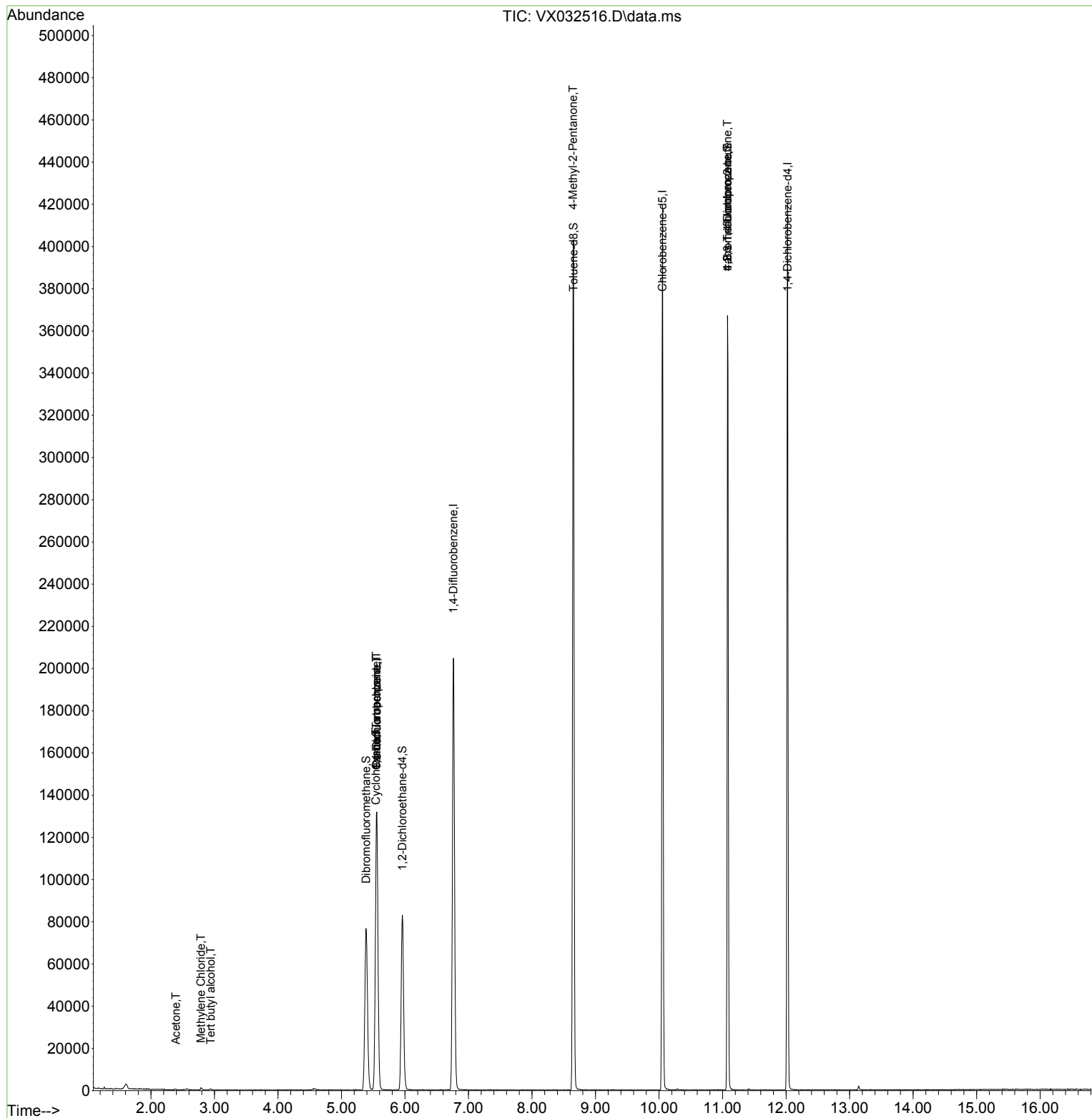
Internal Standards						
1) Pentafluorobenzene	5.556	168	124627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82483	47.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	65817	44.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.920%		
50) Toluene-d8	8.653	98	240825	47.313	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.620%		
62) 4-Bromofluorobenzene	11.079	95	90825	45.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	341	1.353	ug/l #	72
16) Acetone	2.392	43	521	0.828	ug/l #	45
20) Methylene Chloride	2.788	84	547	0.379	ug/l #	67
31) Cyclohexane	5.544	56	2765	1.317	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	9730	4.773	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12706	5.620	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1042	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50182	27.283	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50182	86.814	ug/l #	6

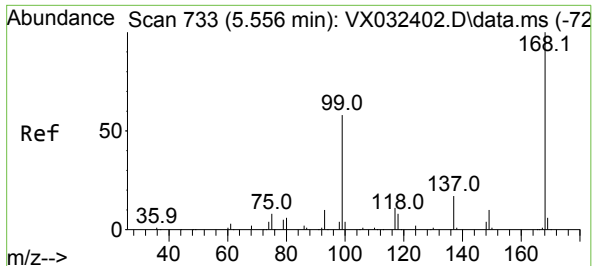
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
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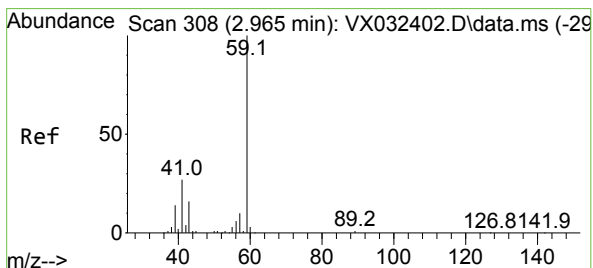
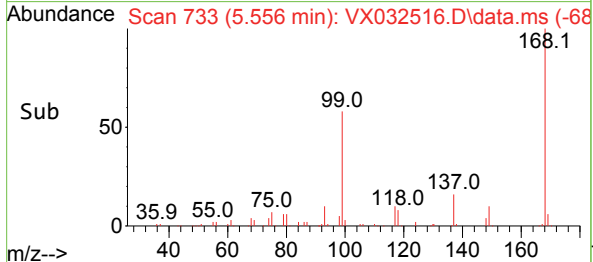
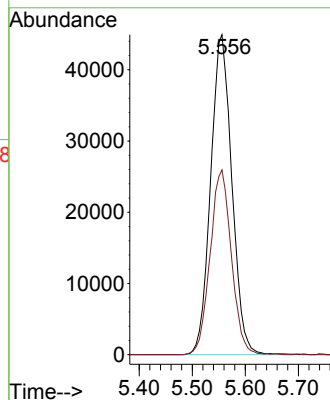
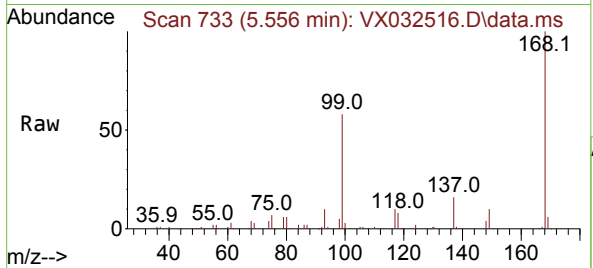




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

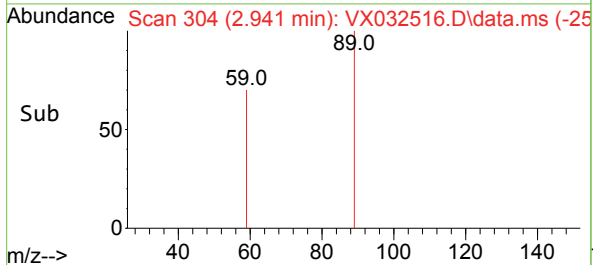
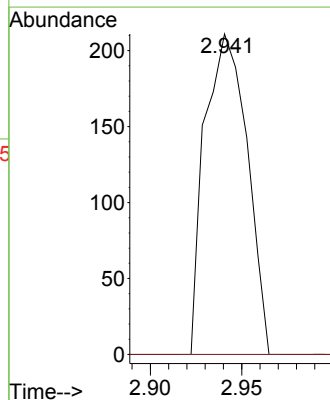
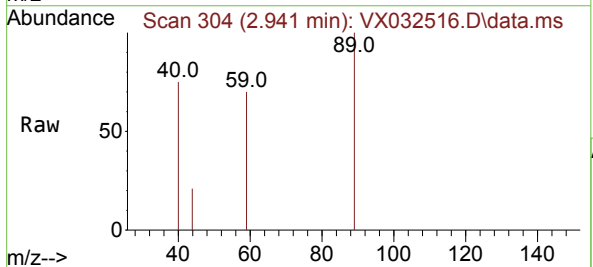
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

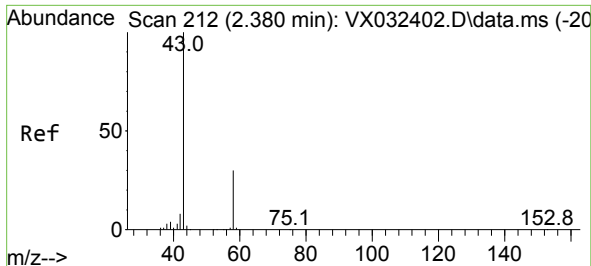
Tgt Ion:168 Resp: 124627
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.353 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

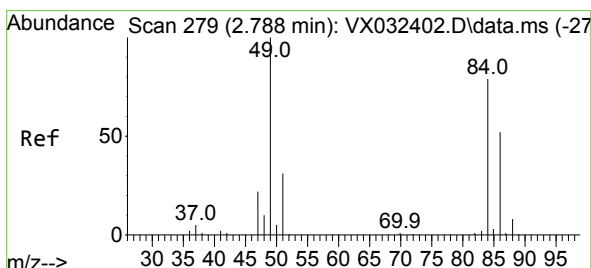
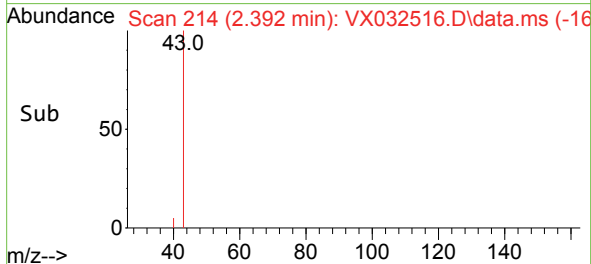
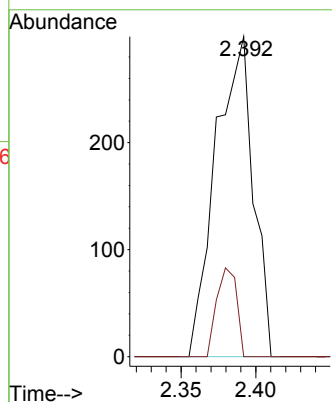
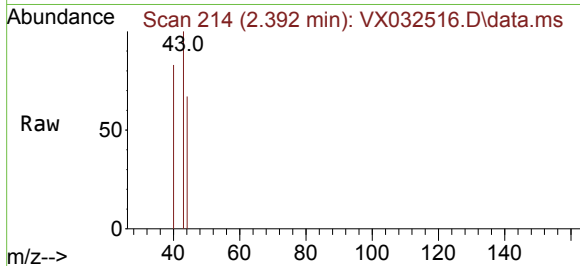




#16
Acetone
Concen: 0.828 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

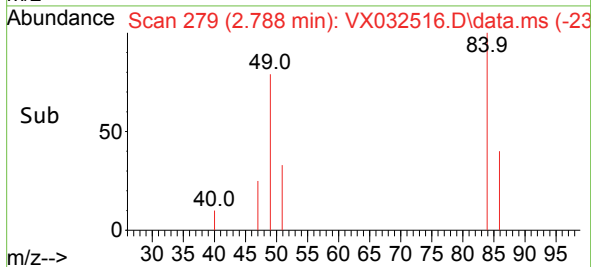
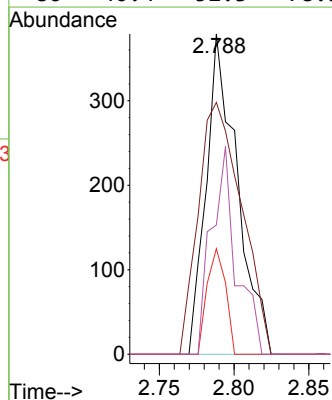
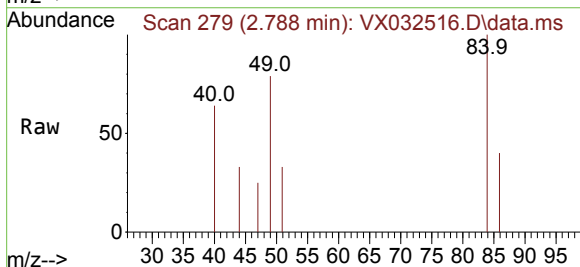
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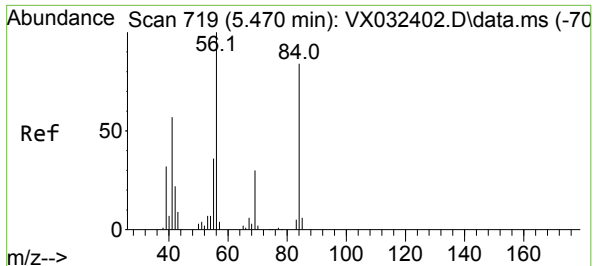
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

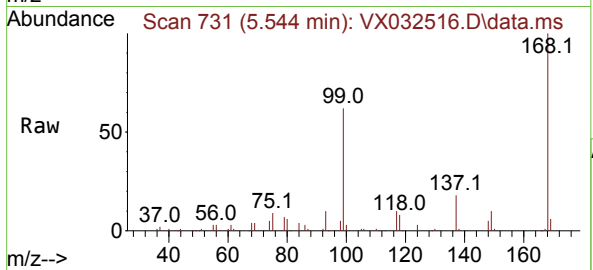
Tgt Ion: 84 Resp: 547
Ion Ratio Lower Upper
84 100
49 78.6 101.0 151.6#
51 33.0 31.1 46.7
86 40.4 52.3 78.5#



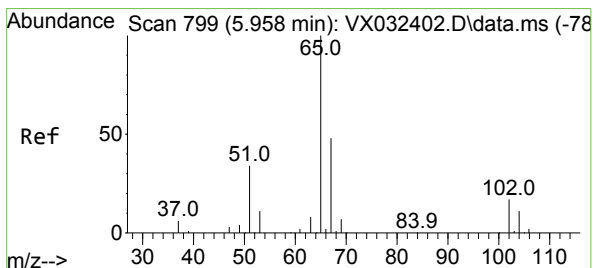
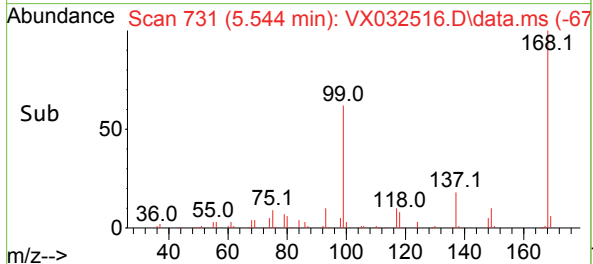
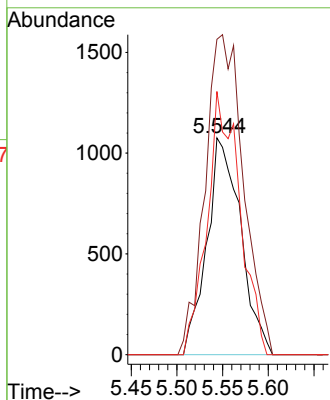


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

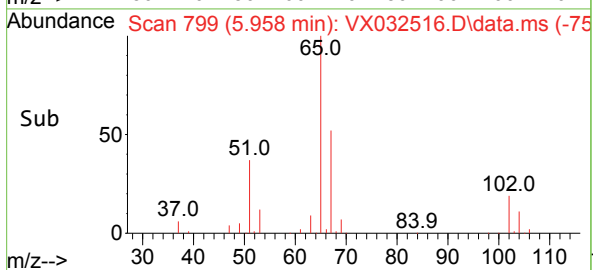
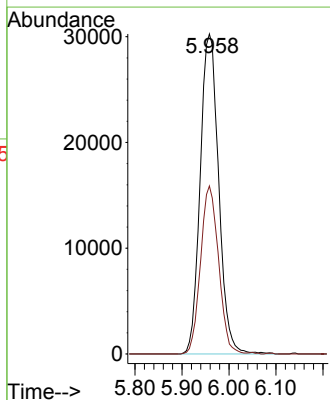
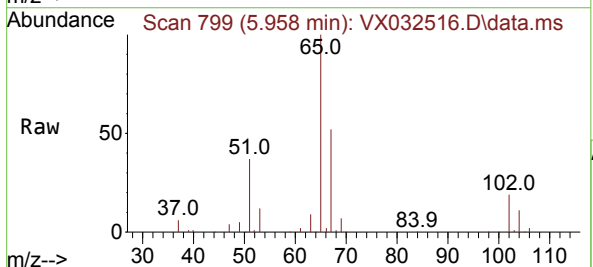


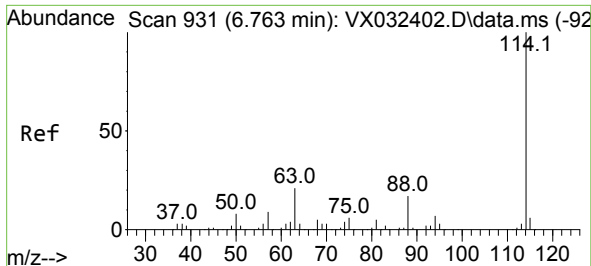
Tgt Ion: 56 Resp: 2765
Ion Ratio Lower Upper
56 100
69 145.4 24.1 36.1#
84 121.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.632 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Tgt Ion: 65 Resp: 82483
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032516.D

Acq: 01 Nov 2022 16:21

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

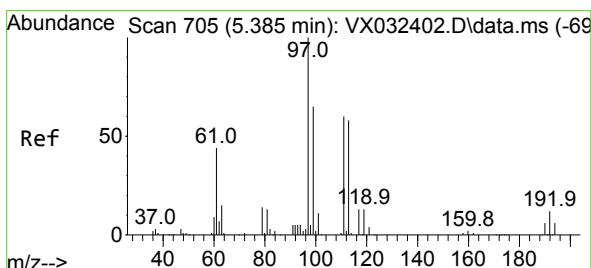
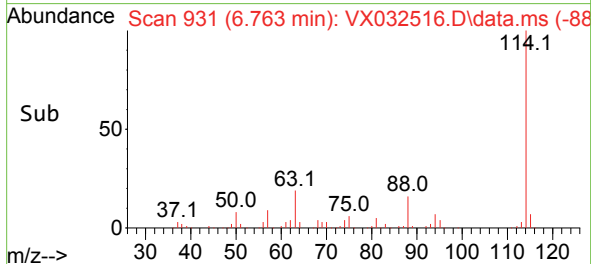
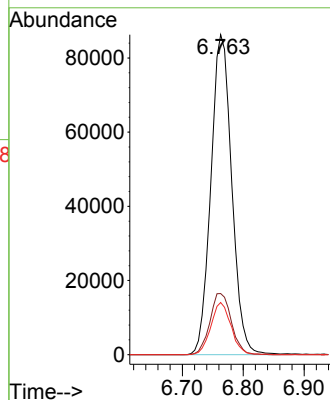
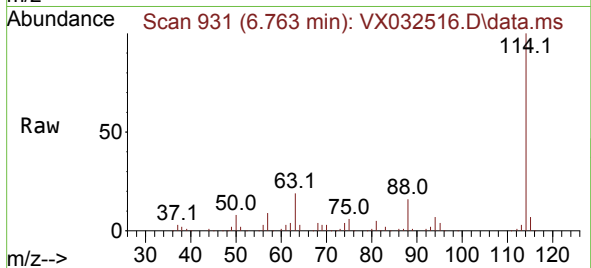
Tgt Ion:114 Resp: 205215

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 16.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 44.963 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032516.D

Acq: 01 Nov 2022 16:21

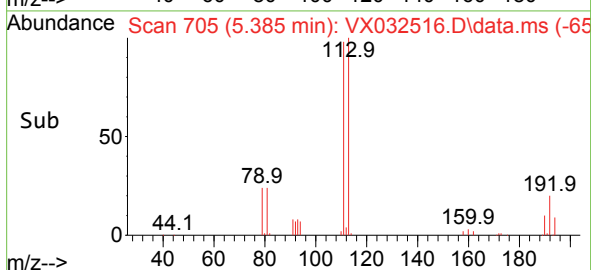
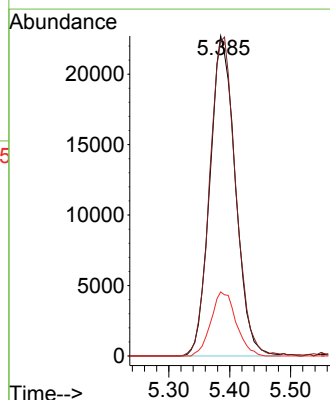
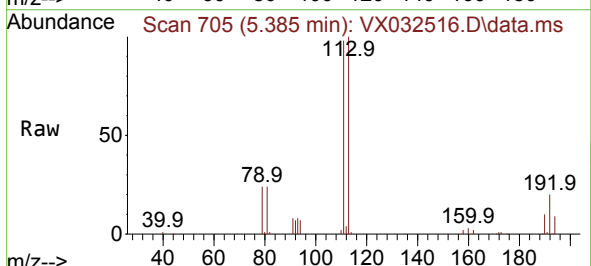
Tgt Ion:113 Resp: 65817

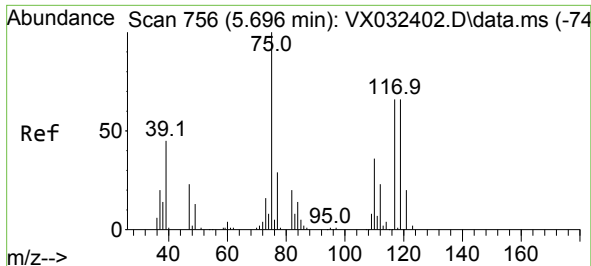
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.8 15.4 23.2

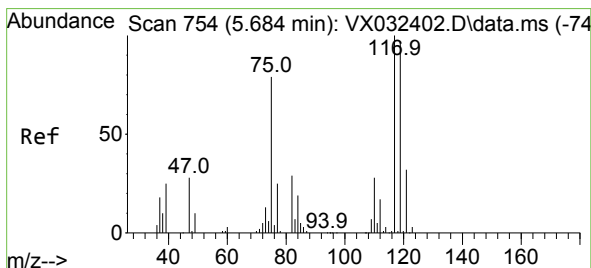
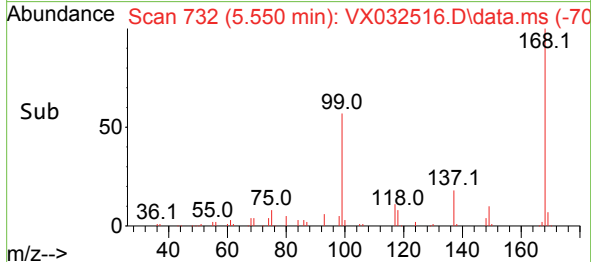
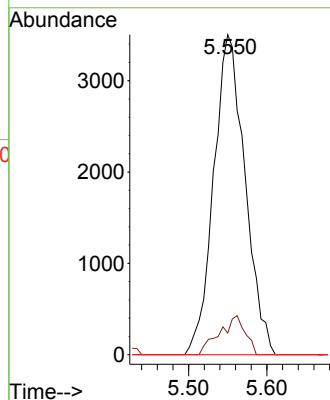
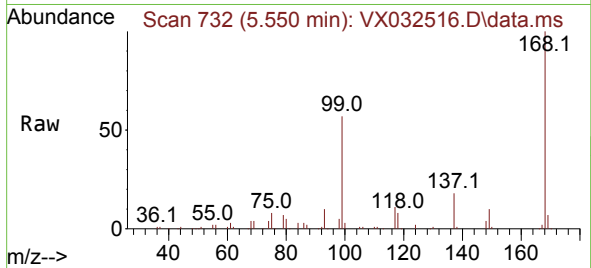




#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

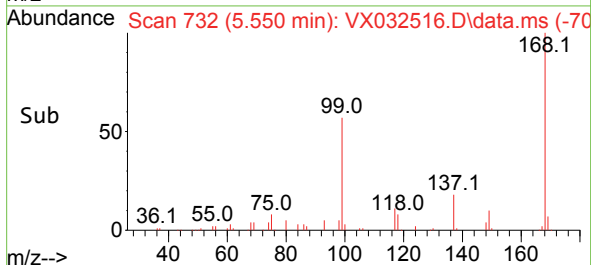
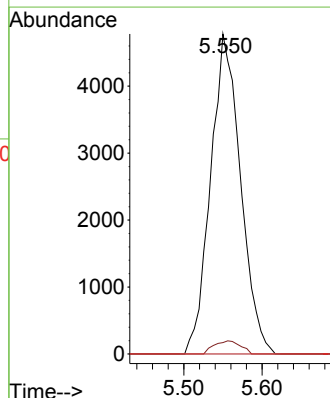
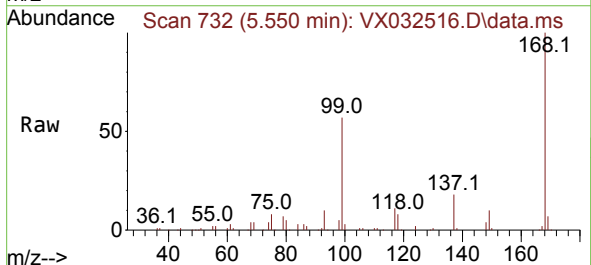
Instrument :
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ClientSampleId :
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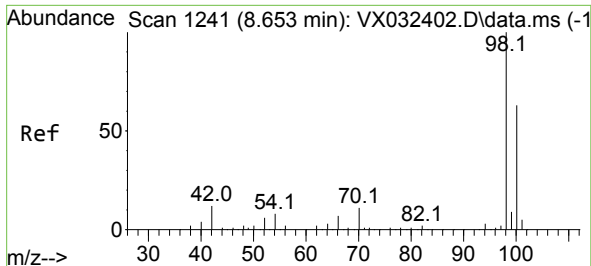
Tgt Ion: 75 Resp: 9730
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.620 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Tgt Ion: 117 Resp: 12706
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#

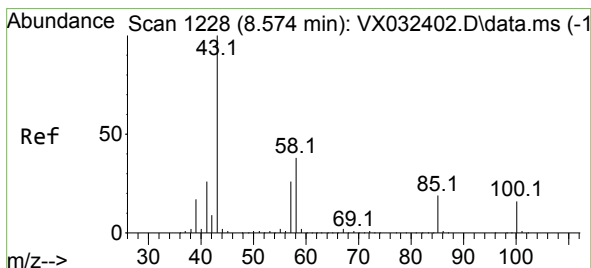
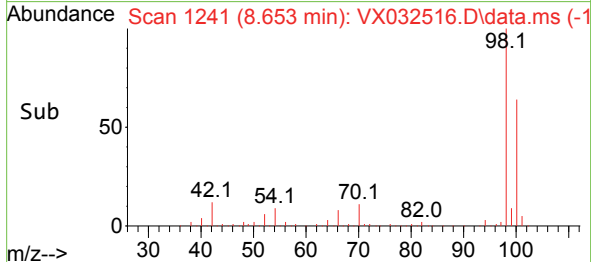
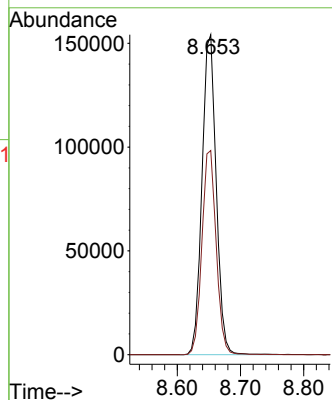
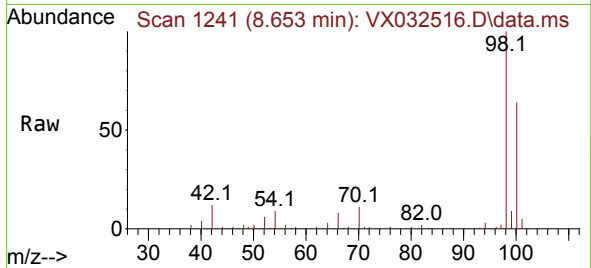




#50
Toluene-d8
Concen: 47.313 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

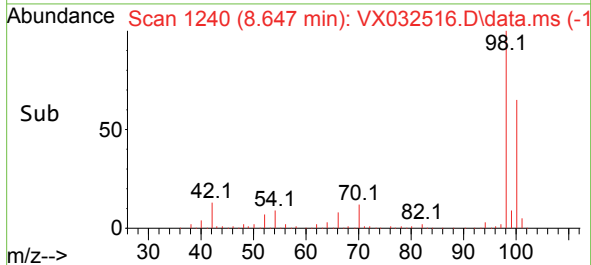
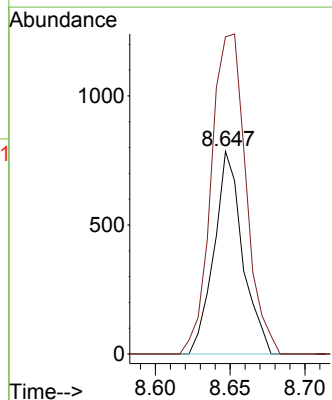
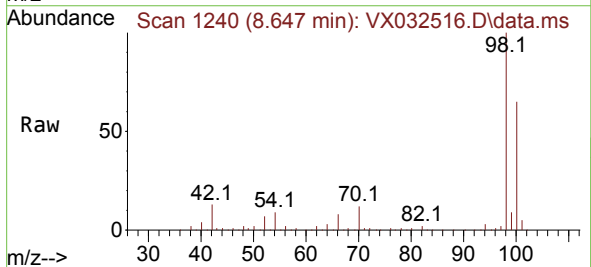
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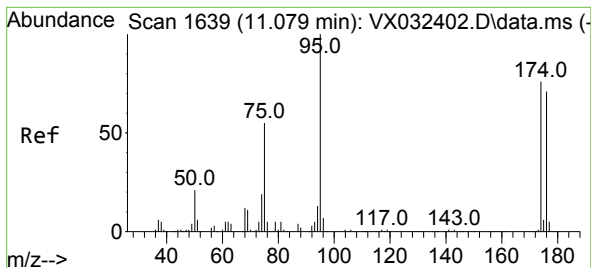
Tgt Ion: 98 Resp: 240825
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 191.9 30.9 46.3#

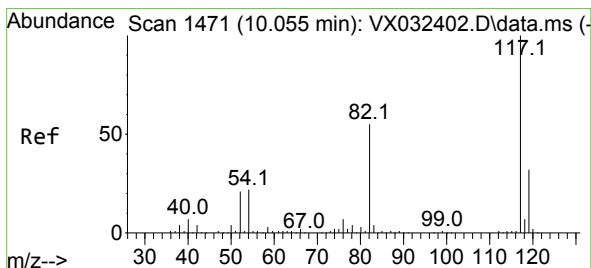
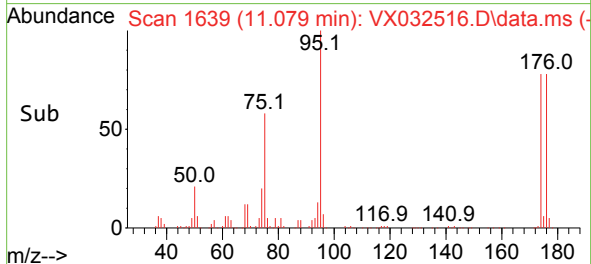
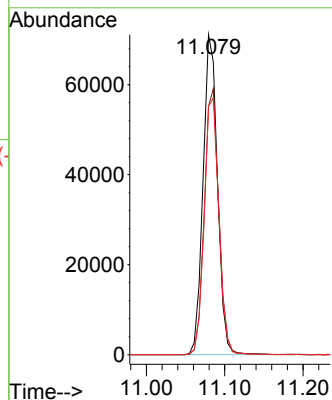
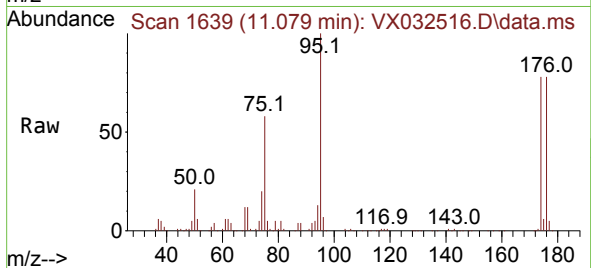




#62
4-Bromofluorobenzene
Concen: 45.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

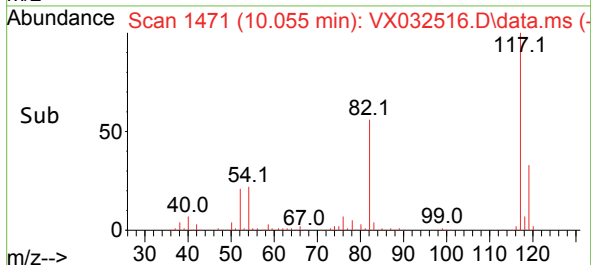
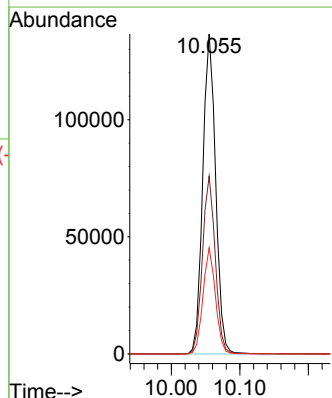
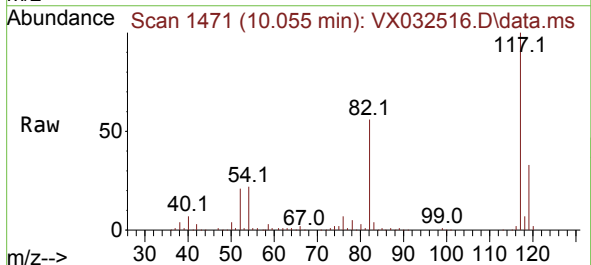
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

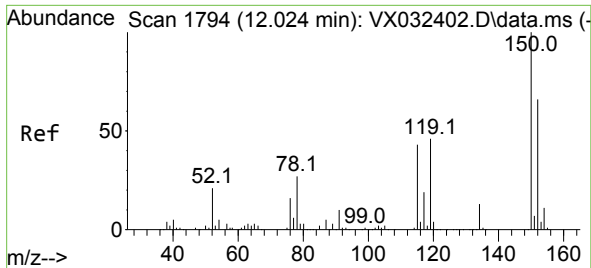
Tgt Ion: 95 Resp: 90825
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 81.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032516.D
Acq: 01 Nov 2022 16:21

Tgt Ion: 117 Resp: 179309
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 33.2 25.7 38.5

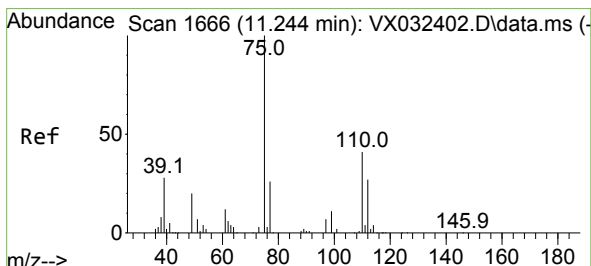
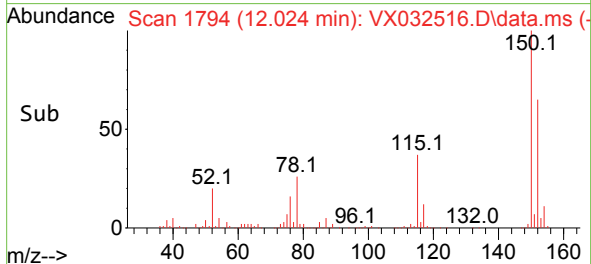
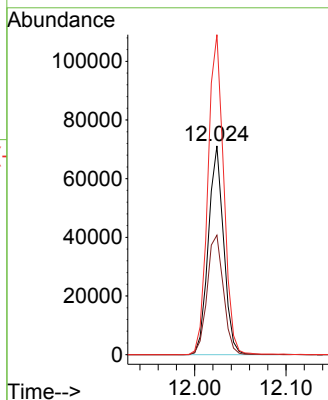
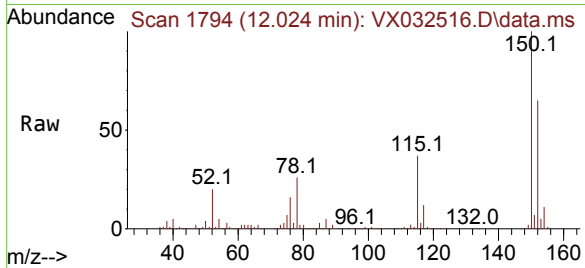




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032516.D
 Acq: 01 Nov 2022 16:21

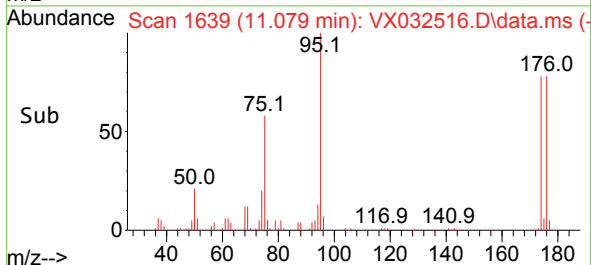
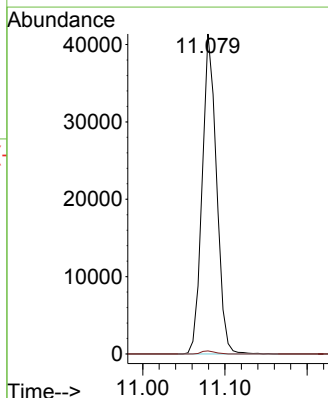
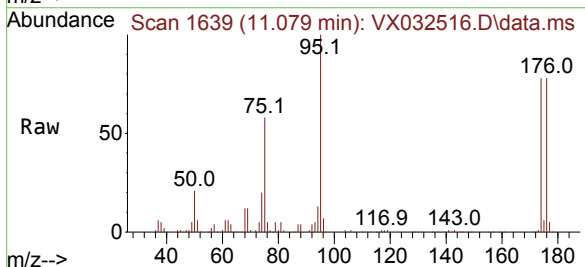
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

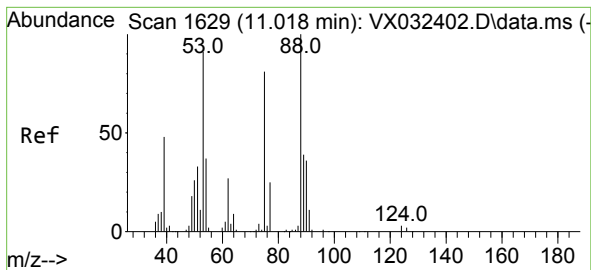
Tgt Ion:152 Resp: 82676
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.0 132.0
 150 158.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.283 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032516.D
 Acq: 01 Nov 2022 16:21

Tgt Ion: 75 Resp: 50182
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.814 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032516.D
 Acq: 01 Nov 2022 16:21

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 50182
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

