

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032536.D
 Acq On : 02 Nov 2022 14:30
 Operator : JC/MD
 Sample : N5420-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-PT-OUT-02-11012022

Quant Time: Nov 03 03:12:13 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)

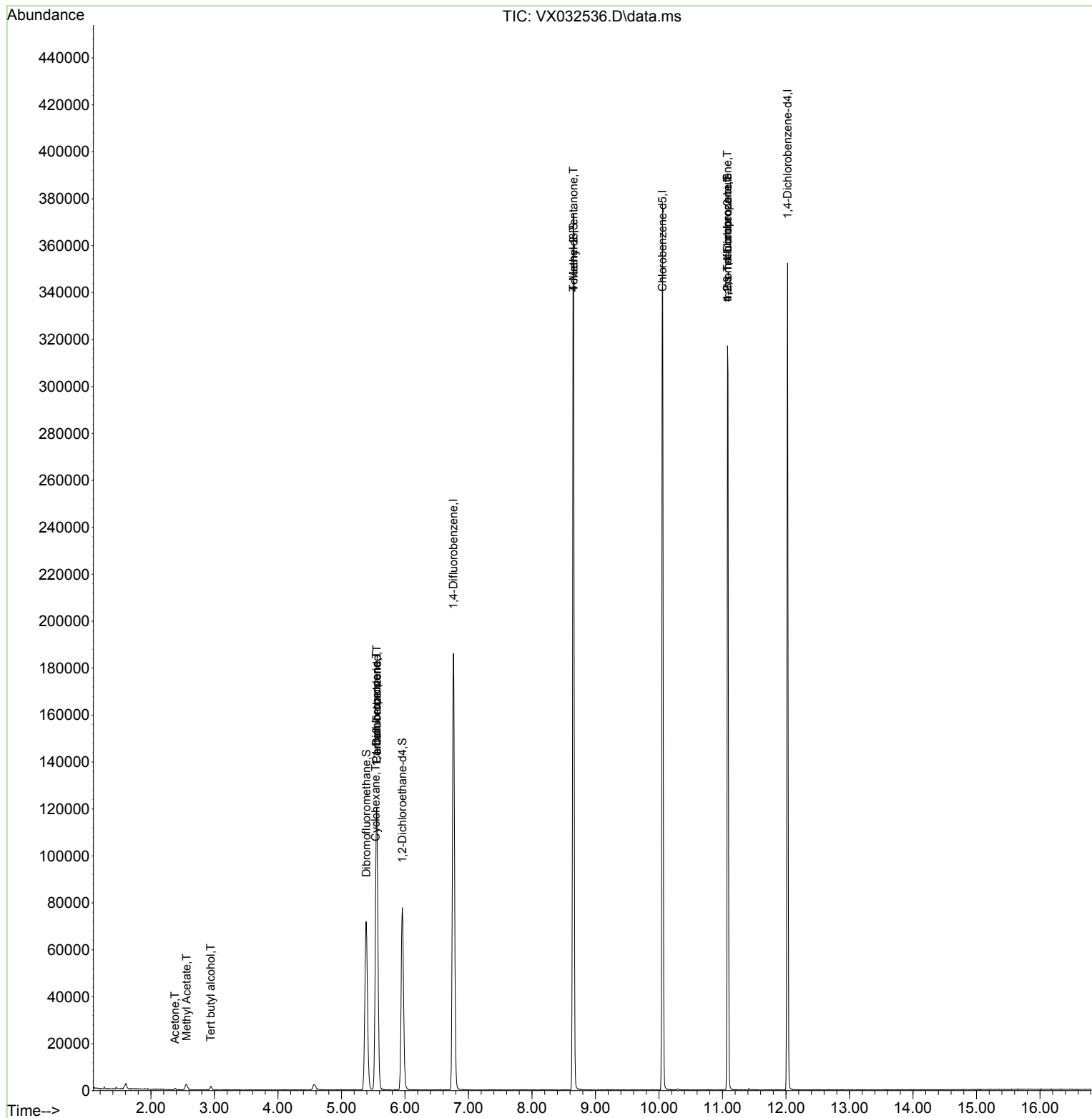
Internal Standards						
1) Pentafluorobenzene	5.556	168	114431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77821	48.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.391	113	61027	45.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.653	98	222677	47.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.140%
62) 4-Bromofluorobenzene	11.079	95	80544	44.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	984	4.252	ug/l #	72
16) Acetone	2.380	43	764	1.322	ug/l	95
18) Methyl Acetate	2.563	43	1158	0.616	ug/l #	51
31) Cyclohexane	5.538	56	2418	1.254	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	8903	4.749	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11650	5.603	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1100	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43663	28.381	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43663	90.310	ug/l #	6

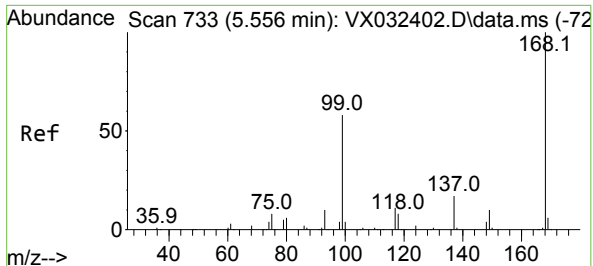
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

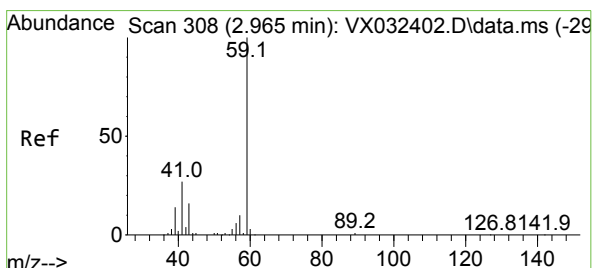
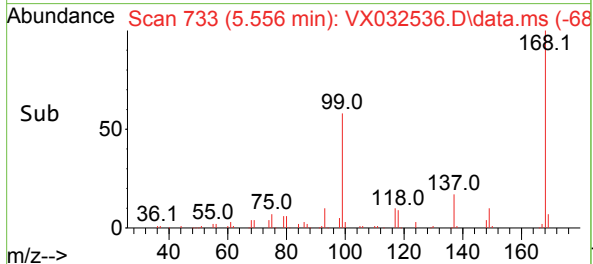
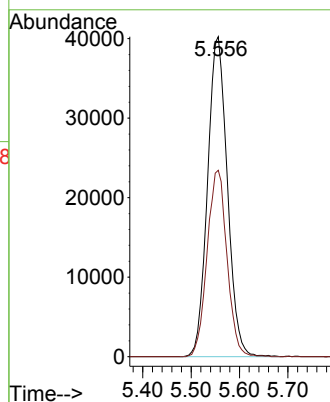
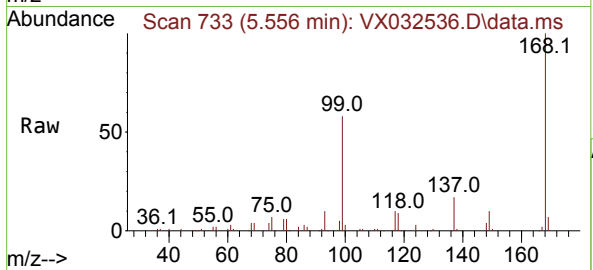




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

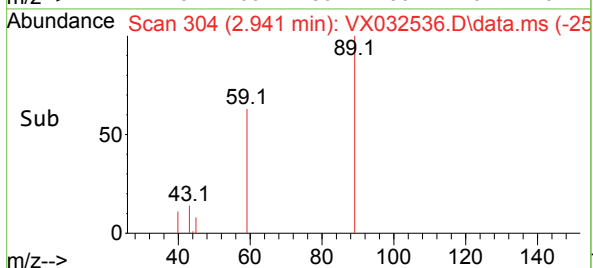
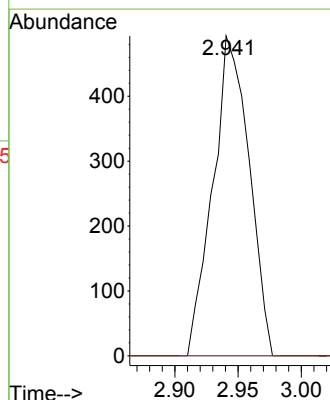
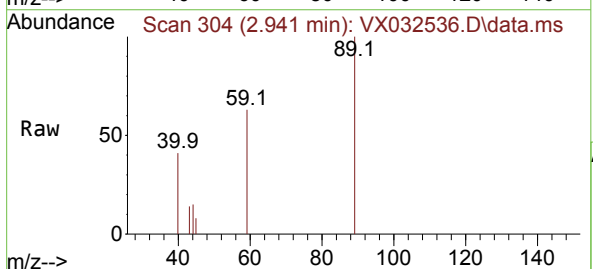
Instrument :
MSVOA_X
ClientSampleId :
RW8-PT-OUT-02-11012022

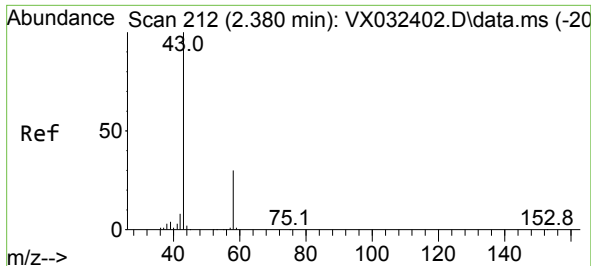
Tgt Ion:168 Resp: 114431
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.252 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 59 Resp: 984
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

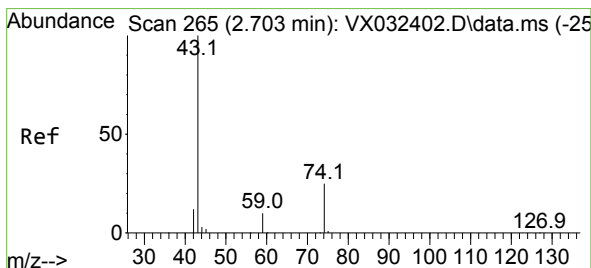
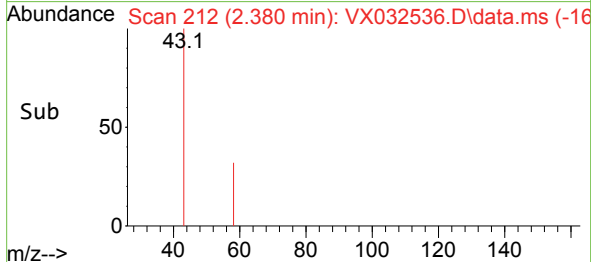
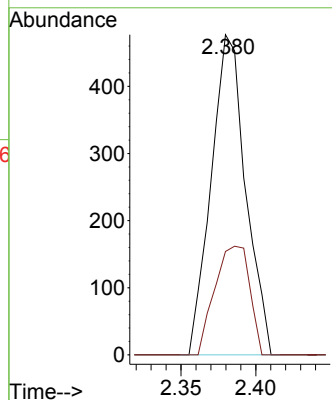
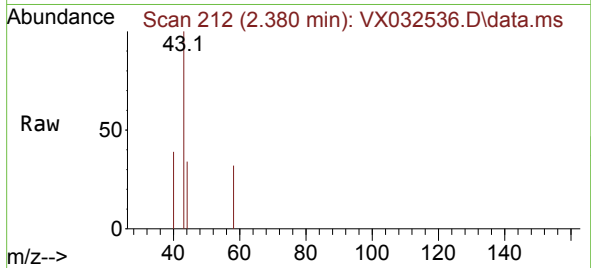




#16
Acetone
Concen: 1.322 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

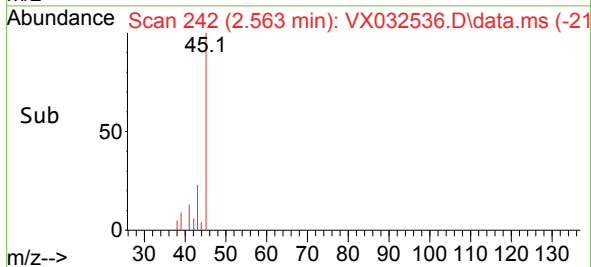
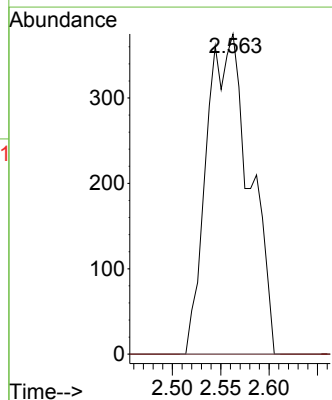
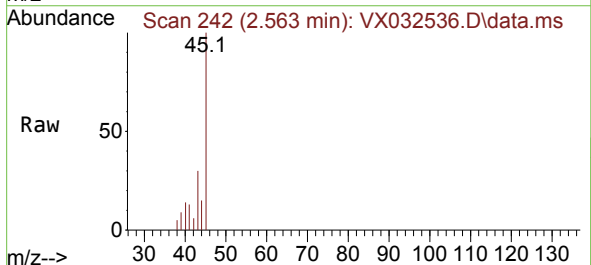
Instrument :
MSVOA_X
ClientSampleId :
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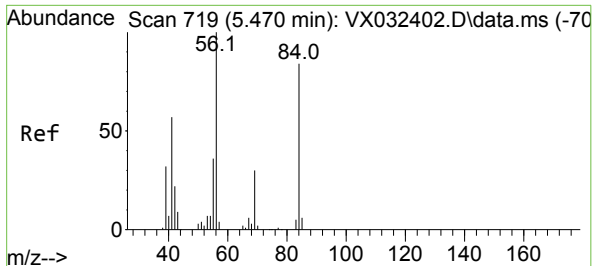
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.616 ug/l
RT: 2.563 min Scan# 242
Delta R.T. -0.140 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

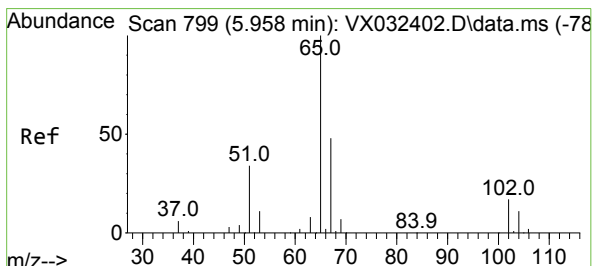
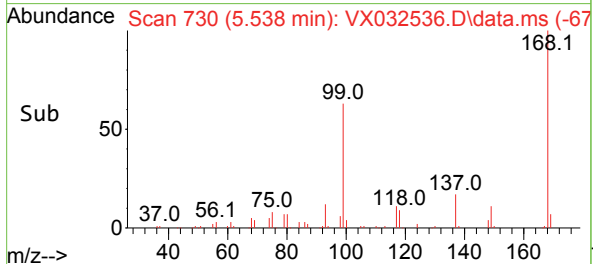
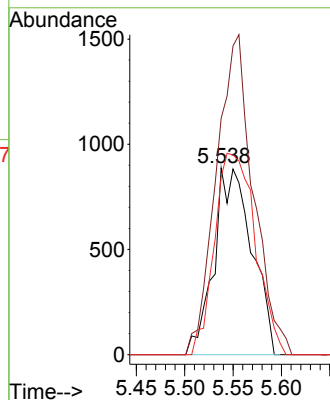
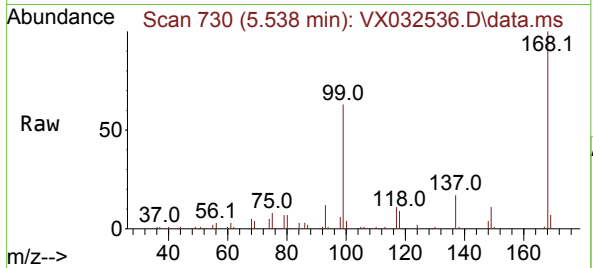




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

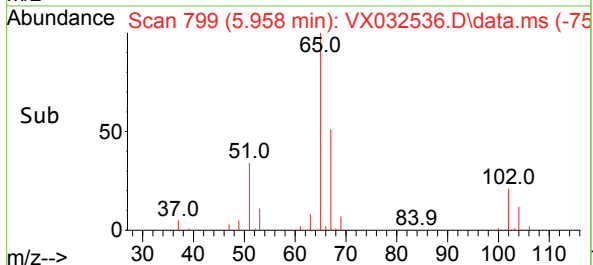
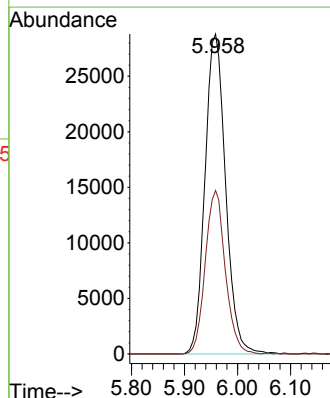
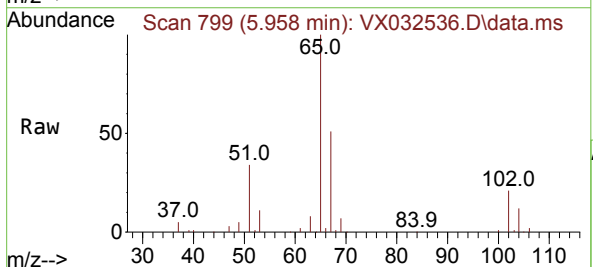
Instrument :
MSVOA_X
ClientSampleId :
RW8-PT-OUT-02-11012022

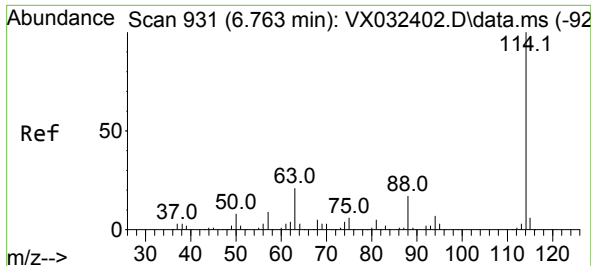
Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
69 126.7 24.1 36.1#
84 95.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 48.944 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 65 Resp: 77821
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

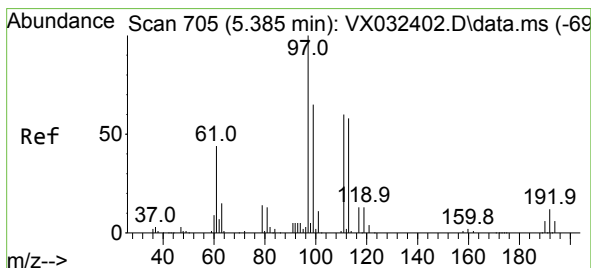
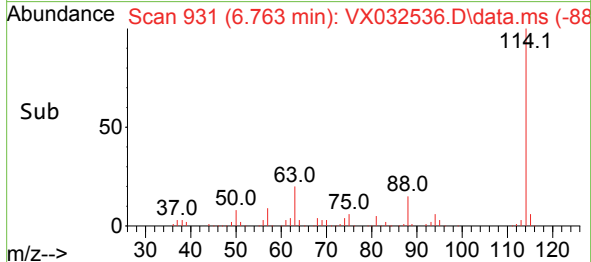
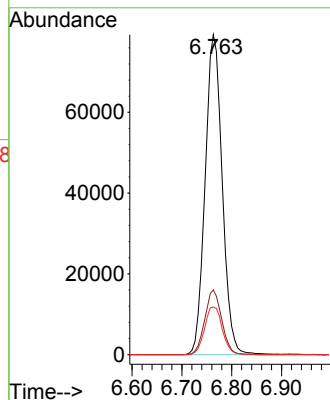
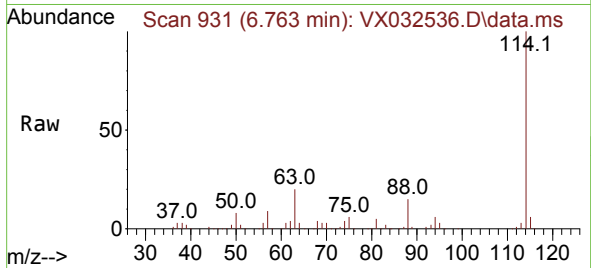




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

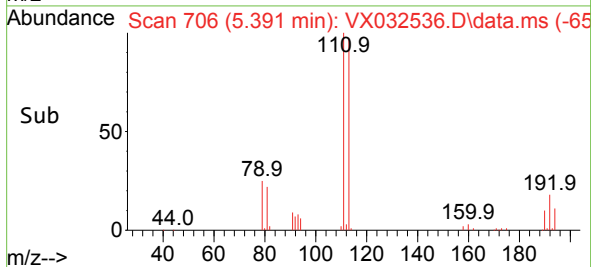
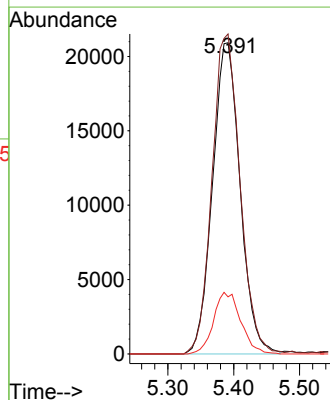
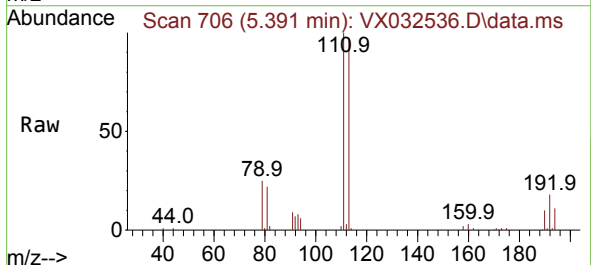
Instrument :
MSVOA_X
ClientSampleId :
RW8-PT-OUT-02-11012022

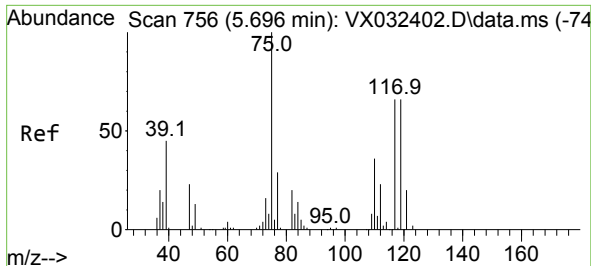
Tgt Ion:114 Resp: 188733
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 14.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.331 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion:113 Resp: 61027
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 19.6 15.4 23.2

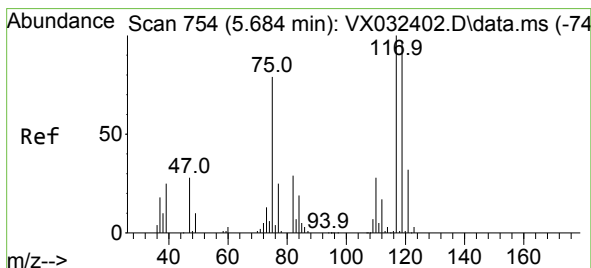
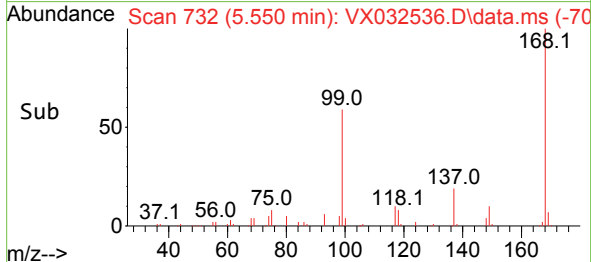
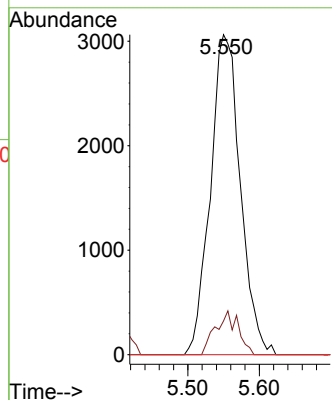
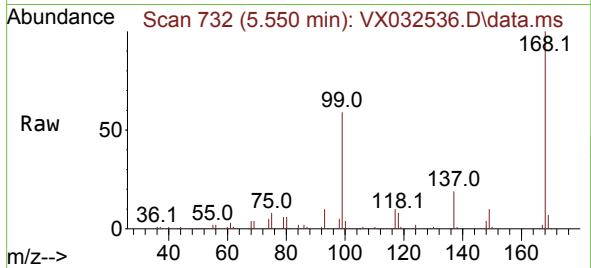




#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

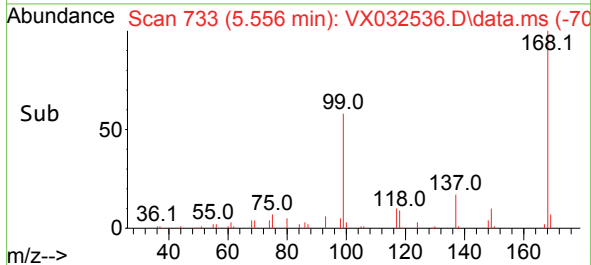
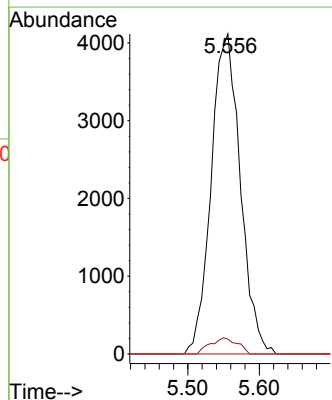
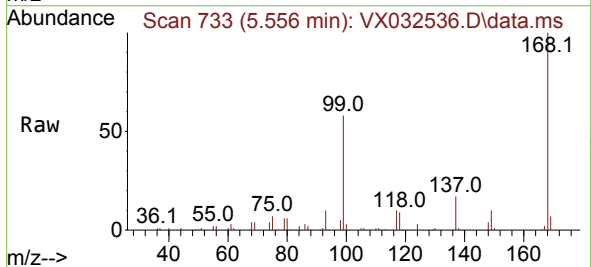
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ClientSampleId :
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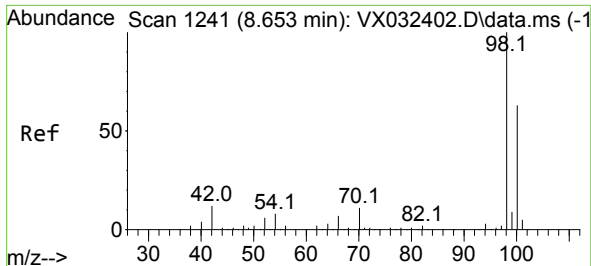
Tgt Ion: 75 Resp: 8903
Ion Ratio Lower Upper
75 100
110 10.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 117 Resp: 11650
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#

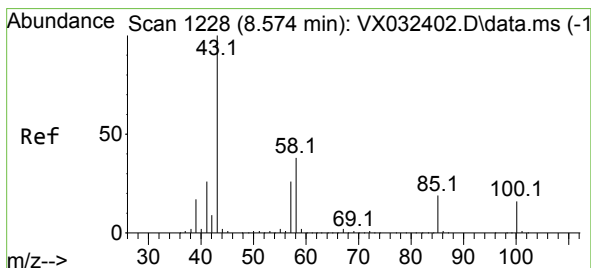
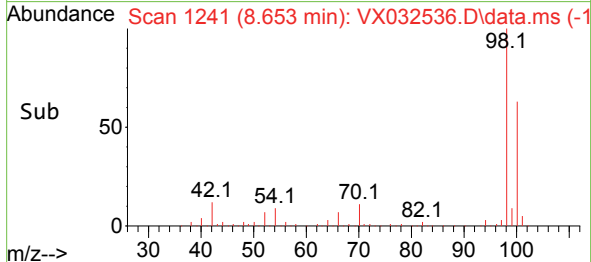
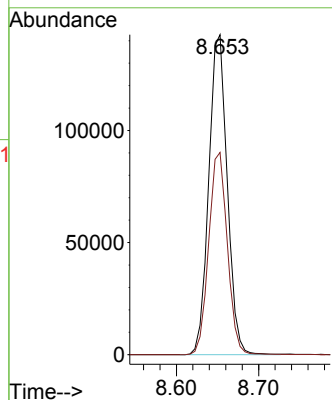
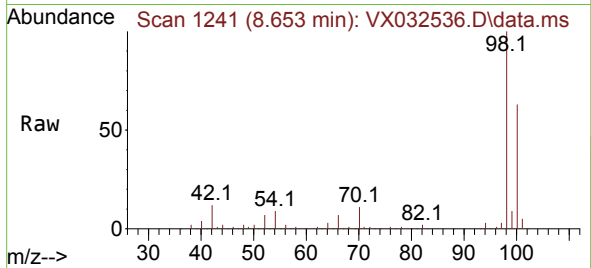




#50
Toluene-d8
Concen: 47.568 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

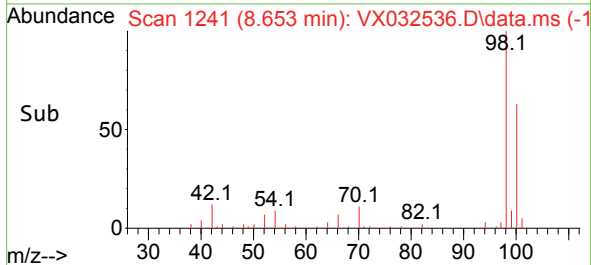
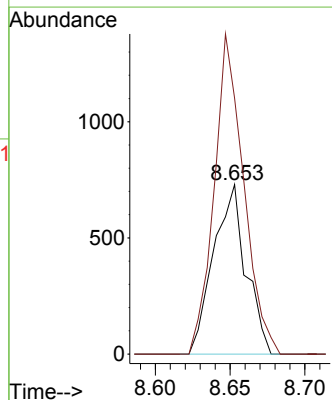
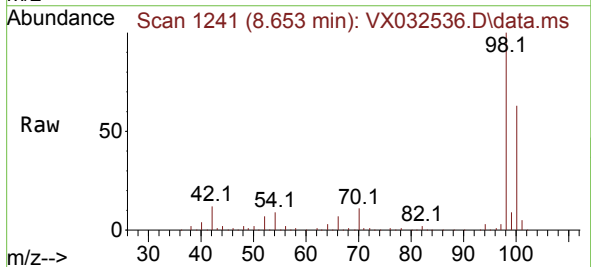
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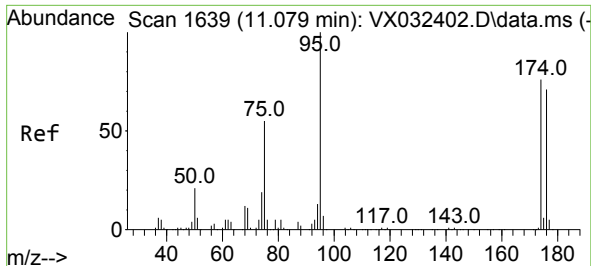
Tgt Ion: 98 Resp: 222677
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 172.0 30.9 46.3#

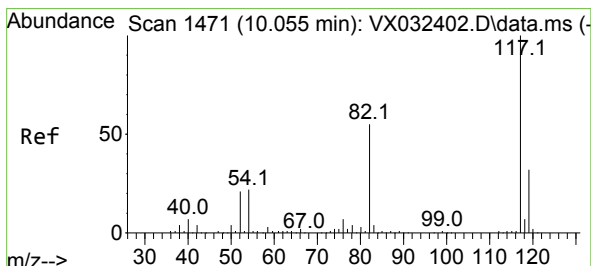
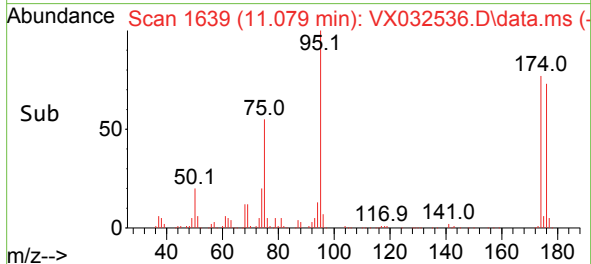
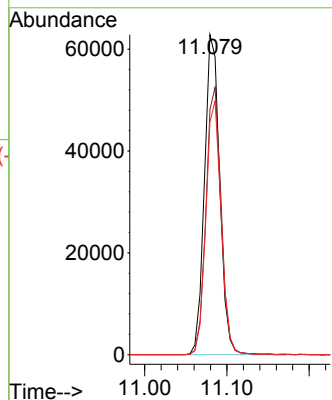
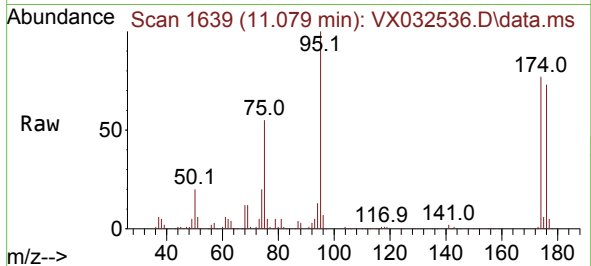




#62
4-Bromofluorobenzene
Concen: 44.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

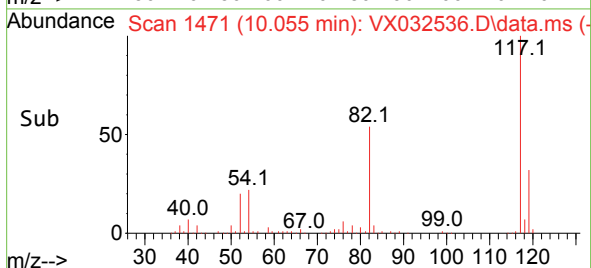
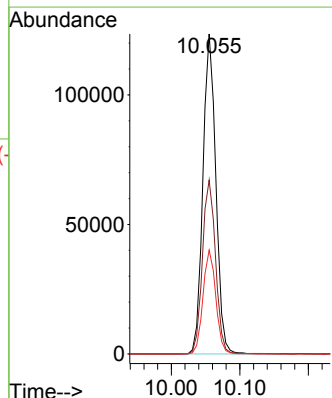
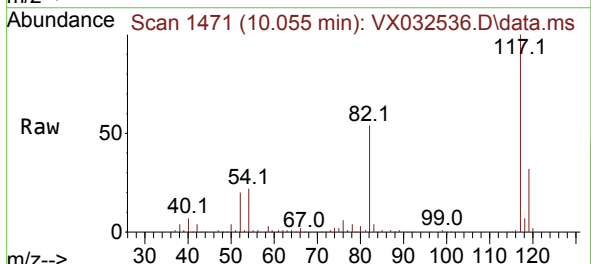
Instrument :
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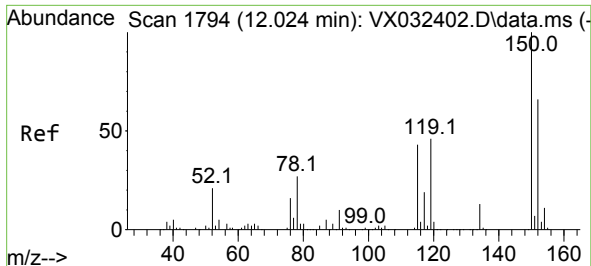
Tgt Ion: 95 Resp: 80544
Ion Ratio Lower Upper
95 100
174 84.1 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032536.D
Acq: 02 Nov 2022 14:30

Tgt Ion: 117 Resp: 162315
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.4 25.7 38.5

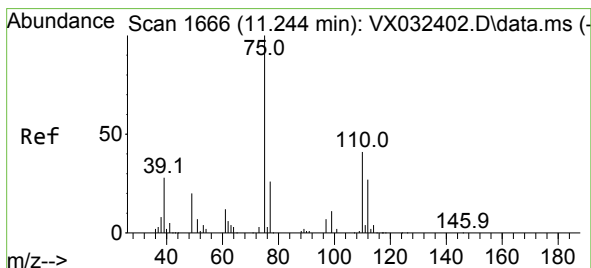
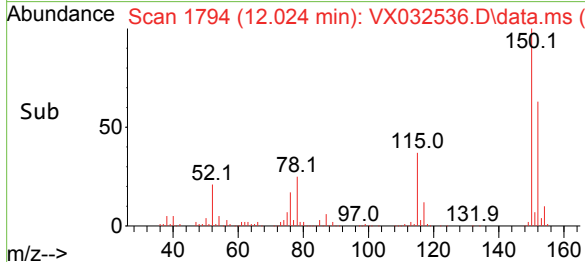
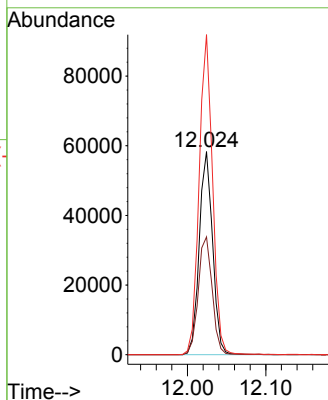
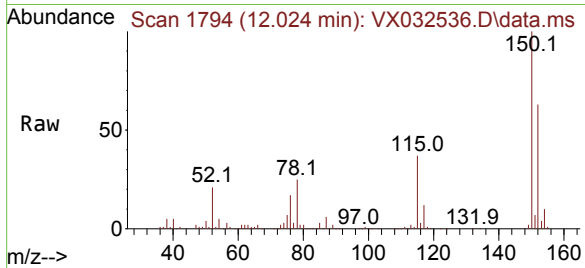




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032536.D
 Acq: 02 Nov 2022 14:30

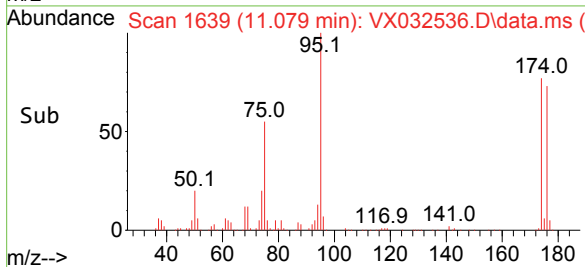
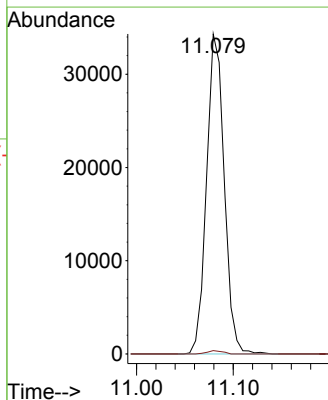
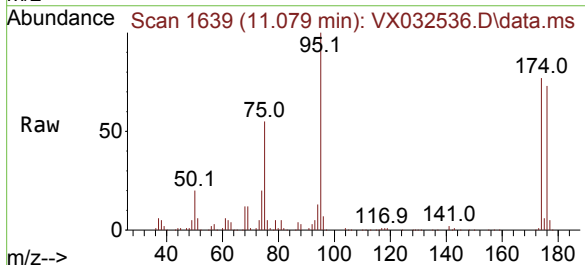
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-PT-OUT-02-11012022

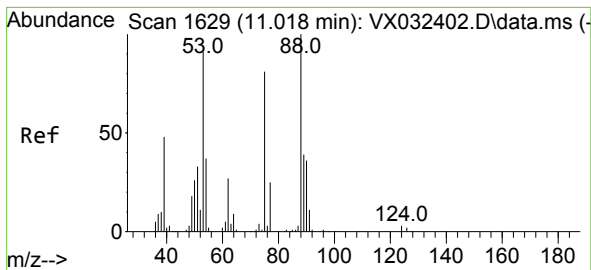
Tgt Ion:152 Resp: 69151
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 158.3 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.381 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX032536.D
 Acq: 02 Nov 2022 14:30

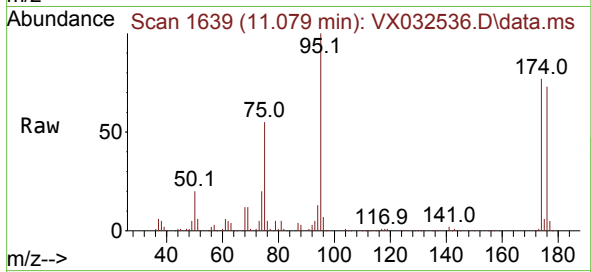
Tgt Ion: 75 Resp: 43663
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.310 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032536.D
 Acq: 02 Nov 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-PT-OUT-02-11012022



Tgt Ion: 75 Resp: 43663
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

