

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032822.D
 Acq On : 15 Nov 2022 15:03
 Operator : JC/MD
 Sample : N5612-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 16 03:34:00 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)

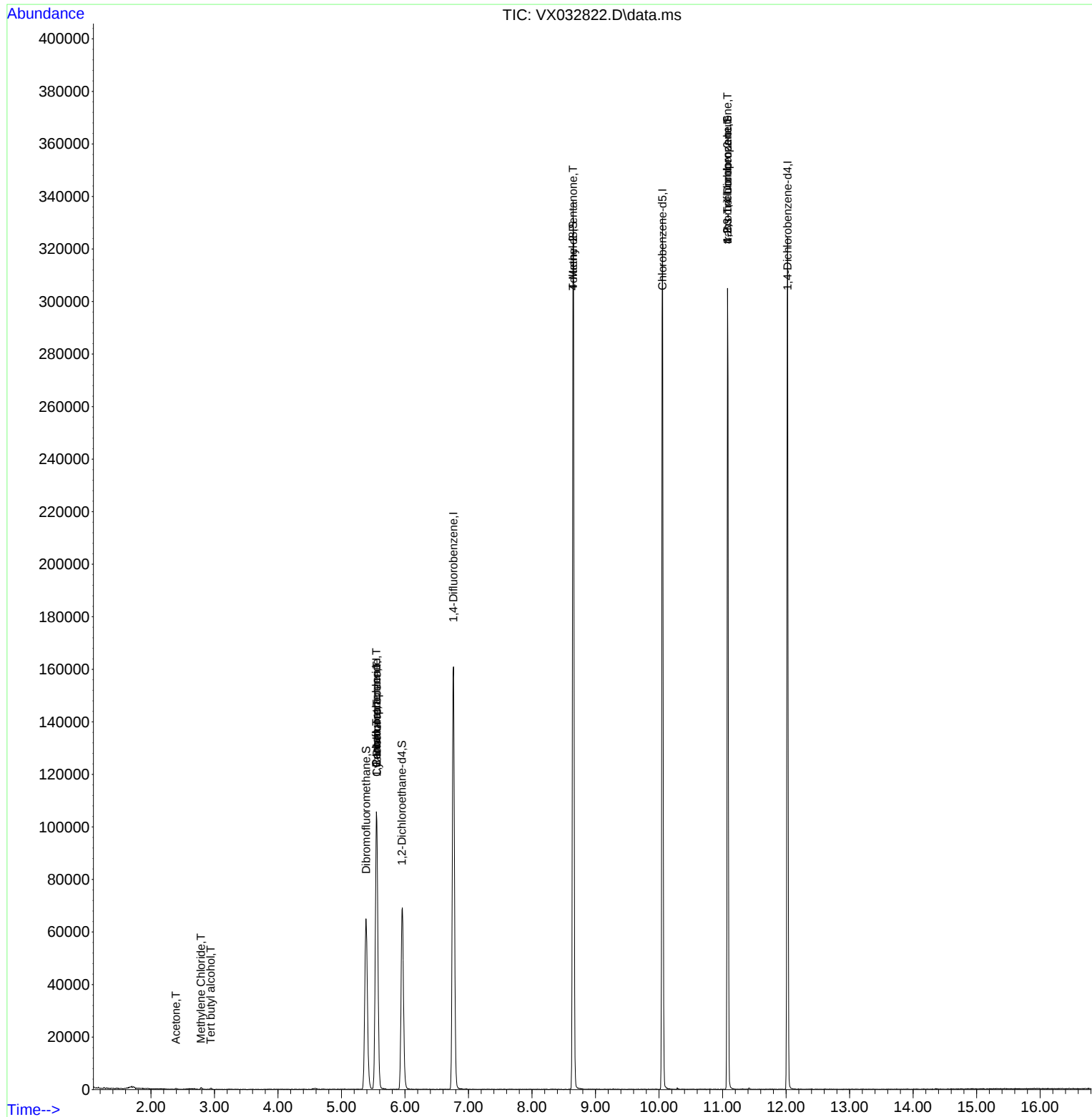
Internal Standards						
1) Pentafluorobenzene	5.550	168	99843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69670	50.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.440%	
35) Dibromofluoromethane	5.385	113	55903	47.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.300%	
50) Toluene-d8	8.647	98	202079	49.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.079	95	74978	47.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	177	0.877	ug/l #	72
16) Acetone	2.392	43	372	0.738	ug/l #	88
20) Methylene Chloride	2.788	84	382	0.330	ug/l #	55
31) Cyclohexane	5.556	56	2273	1.351	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	7635	4.673	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10268	5.667	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	959	0.583	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41138	27.664	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41138	88.028	ug/l #	6

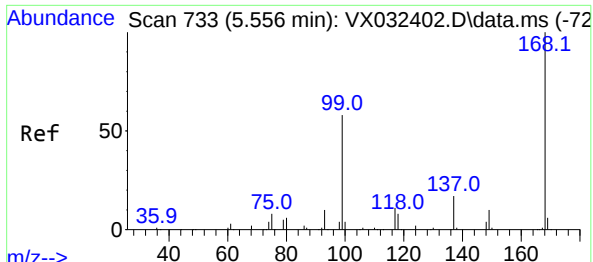
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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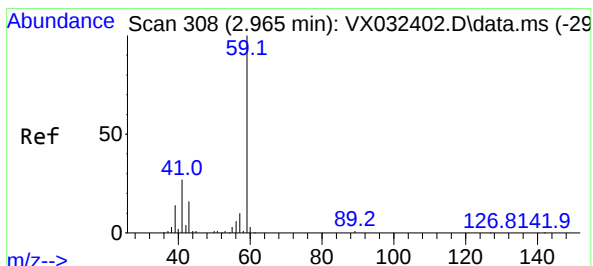
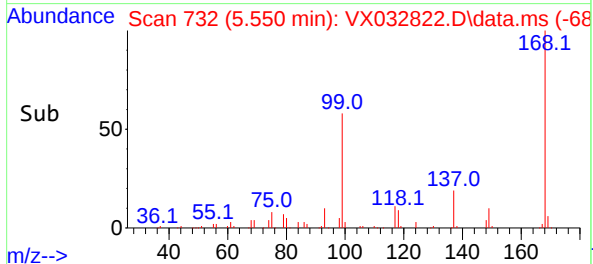
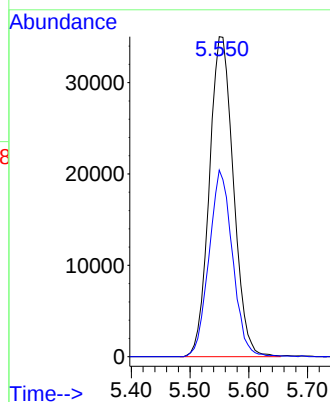
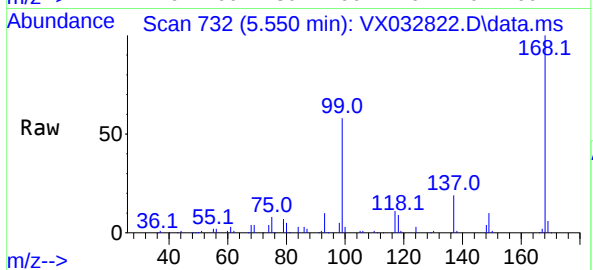




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

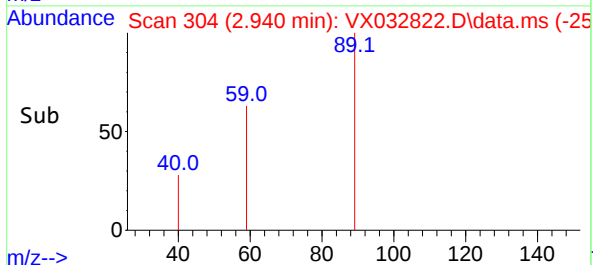
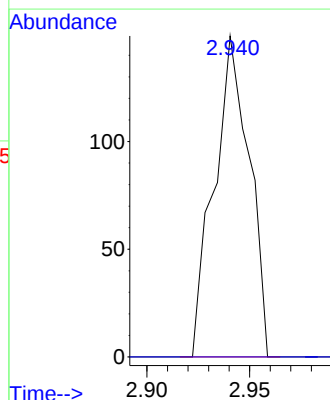
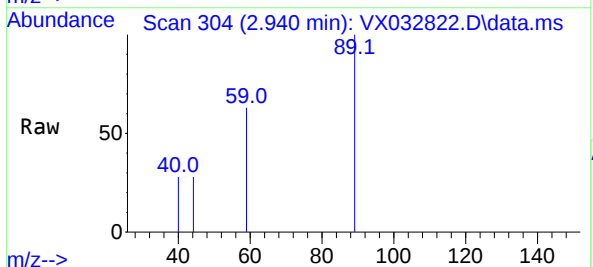
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

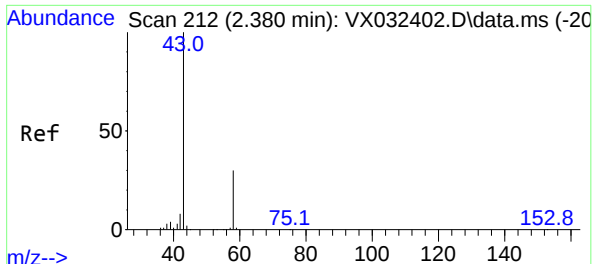
Tgt Ion:168 Resp: 99843
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.877 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

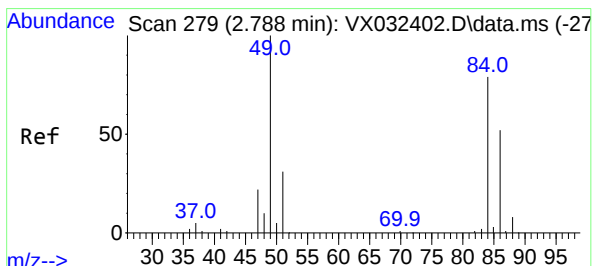
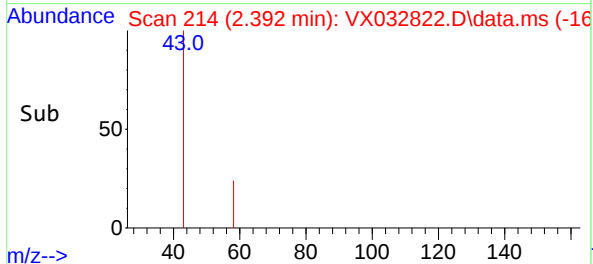
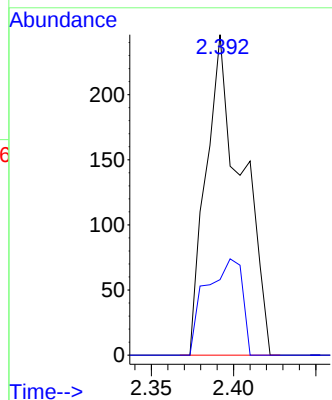
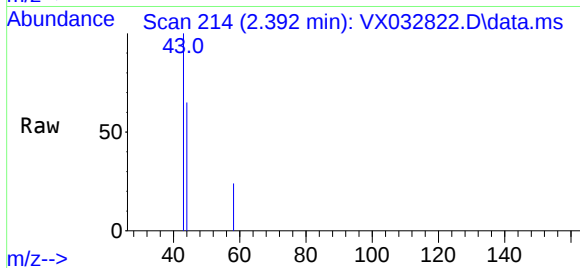




#16
Acetone
Concen: 0.738 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

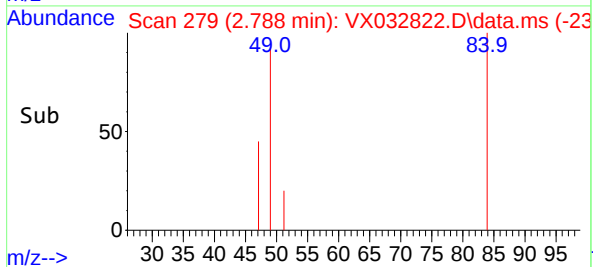
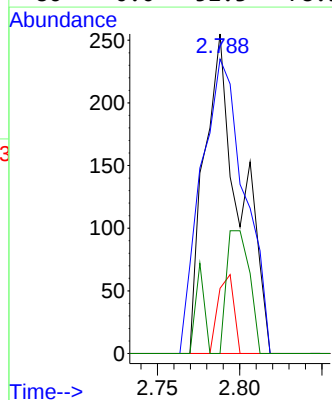
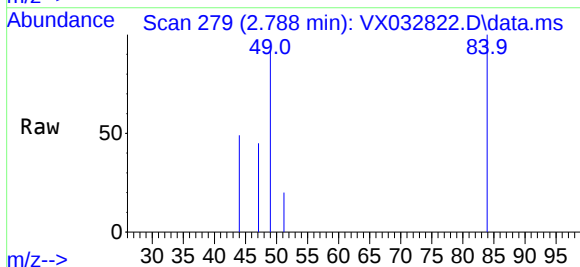
Instrument :
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ClientSampleId :
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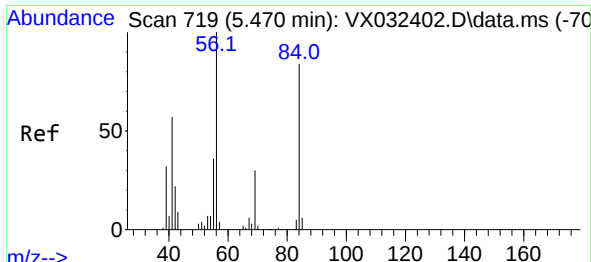
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#



#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

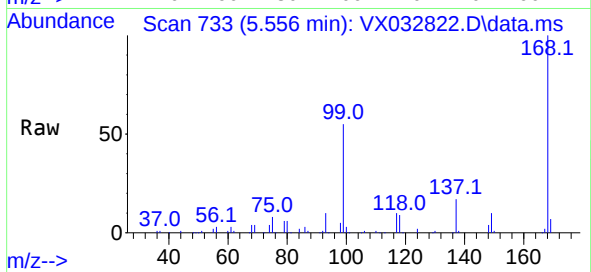
Tgt Ion: 84 Resp: 382
Ion Ratio Lower Upper
84 100
49 92.2 101.0 151.6#
51 20.4 31.1 46.7#
86 0.0 52.3 78.5#



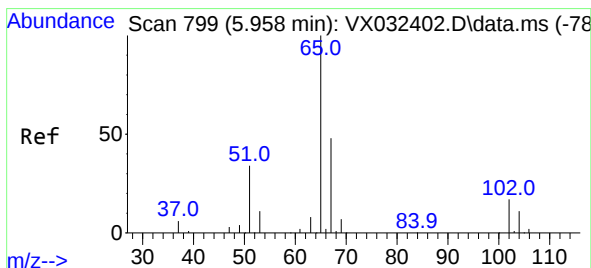
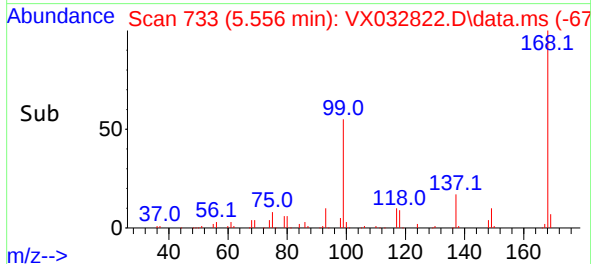
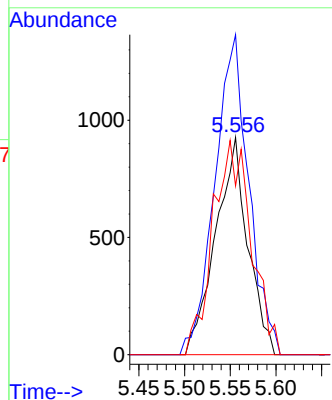


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

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

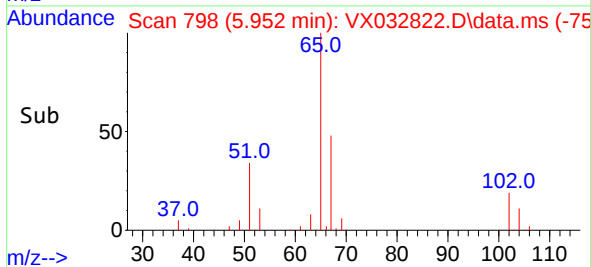
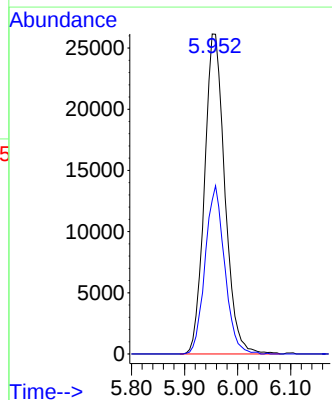
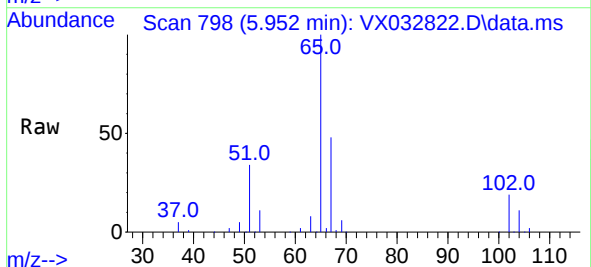


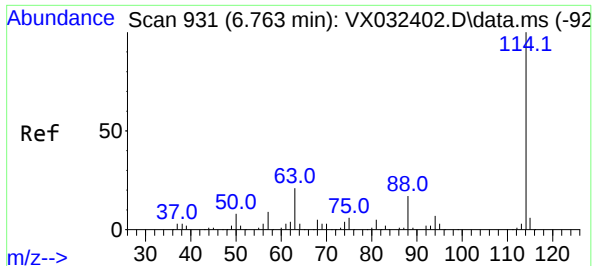
Tgt Ion: 56 Resp: 2273
Ion Ratio Lower Upper
56 100
69 147.2 24.1 36.1#
84 77.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.220 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion: 65 Resp: 69670
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

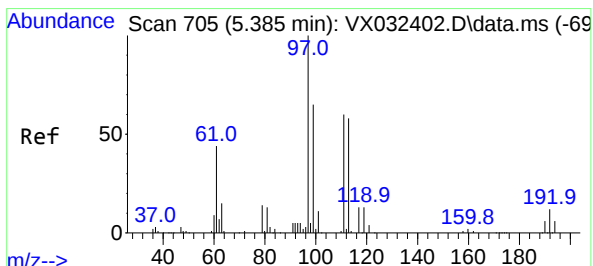
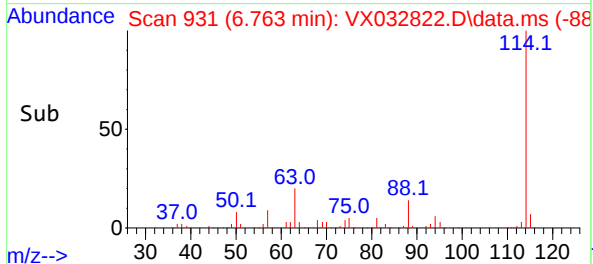
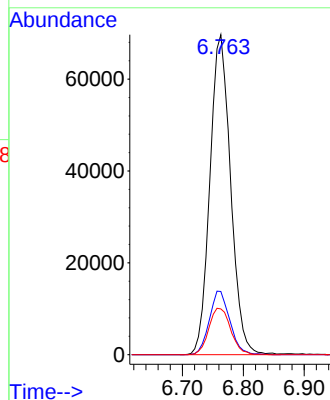
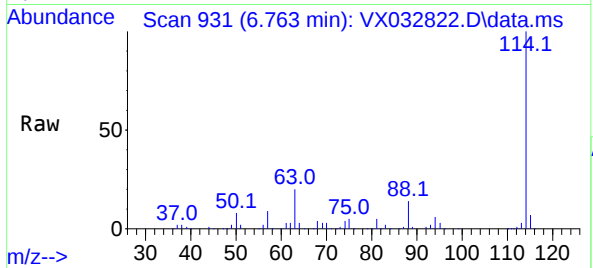




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

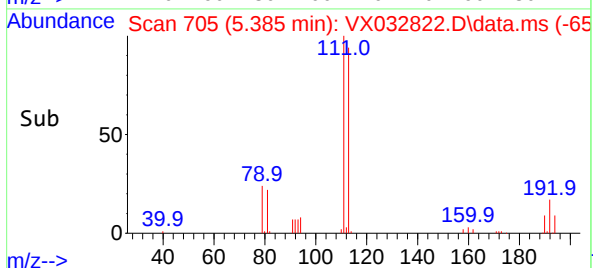
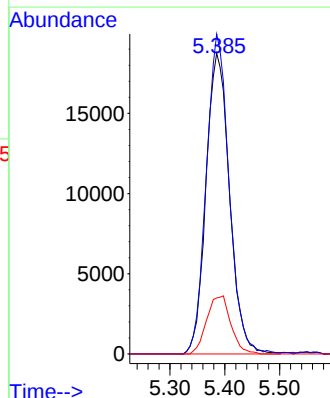
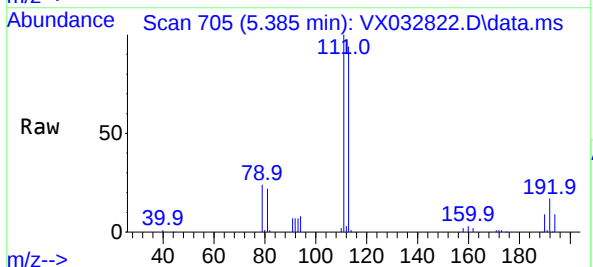
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ClientSampleId :
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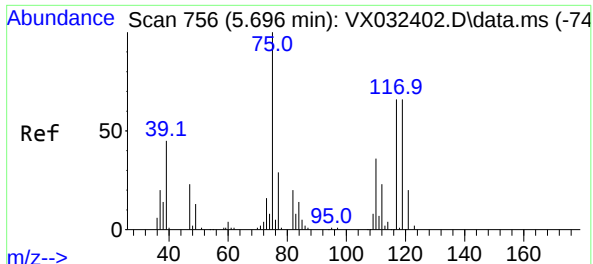
Tgt Ion:114 Resp: 164472
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 14.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.650 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion:113 Resp: 55903
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.7 15.4 23.2

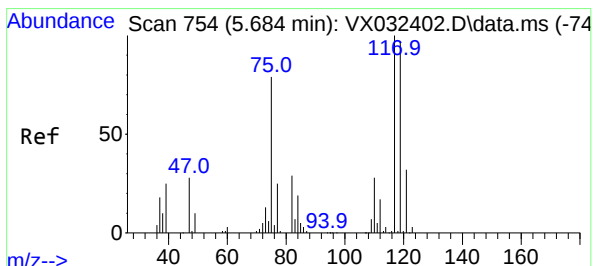
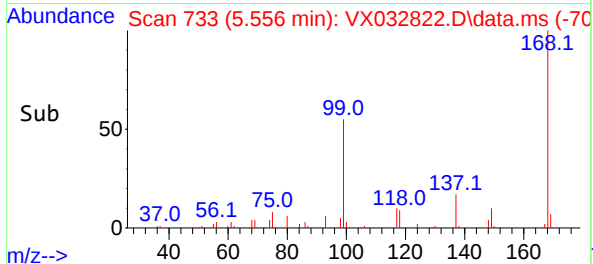
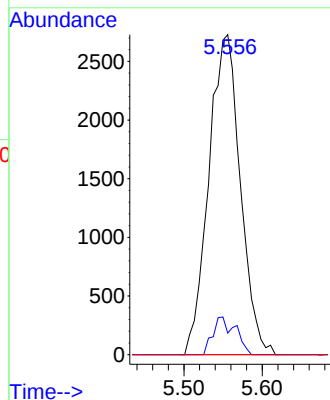
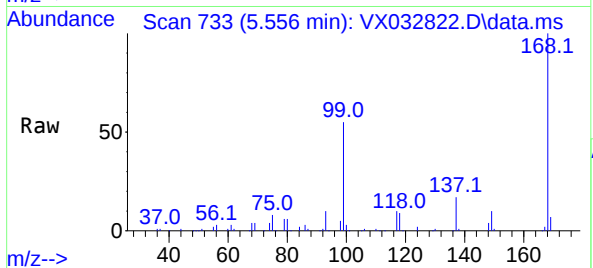




#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

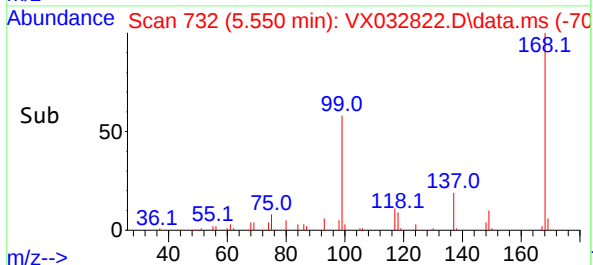
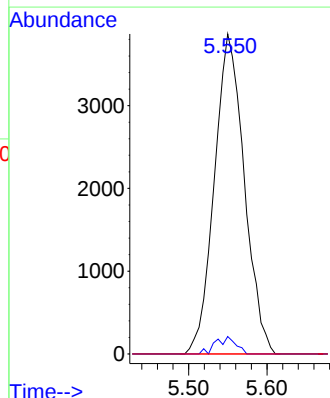
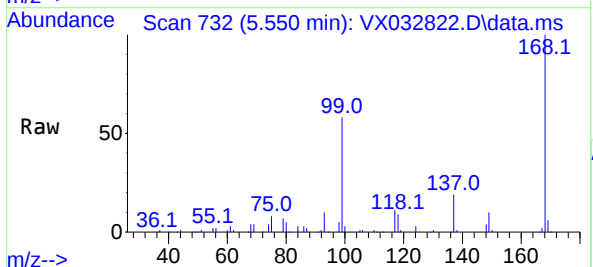
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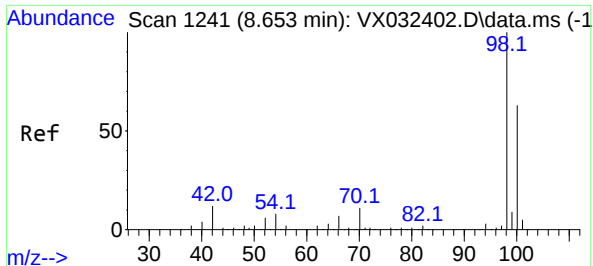
Tgt Ion: 75 Resp: 7635
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion: 117 Resp: 10268
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#

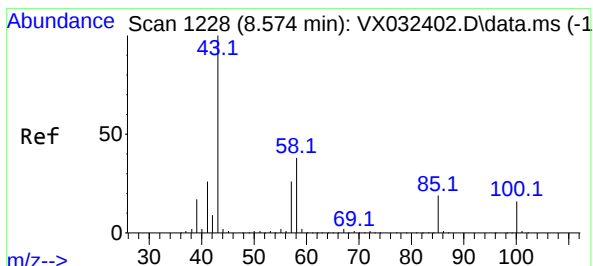
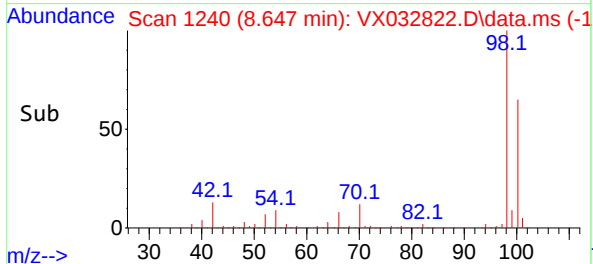
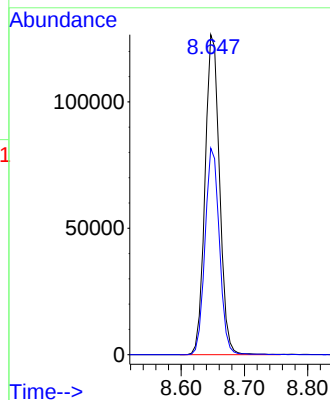
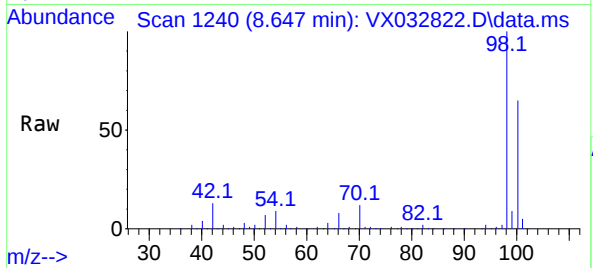




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

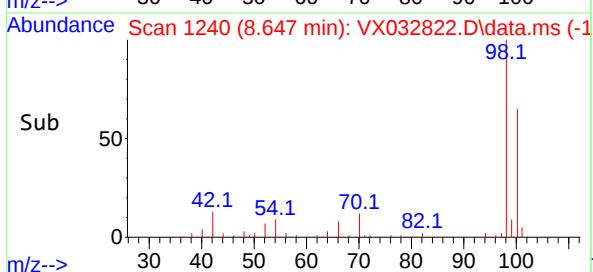
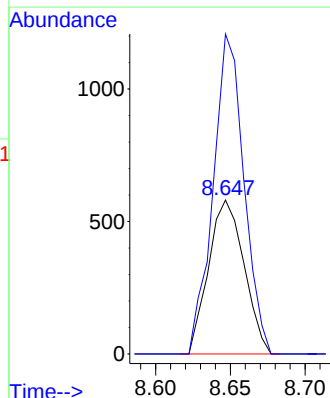
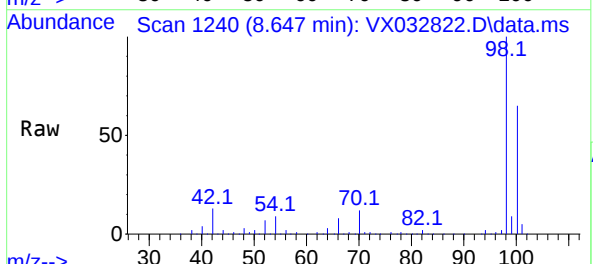
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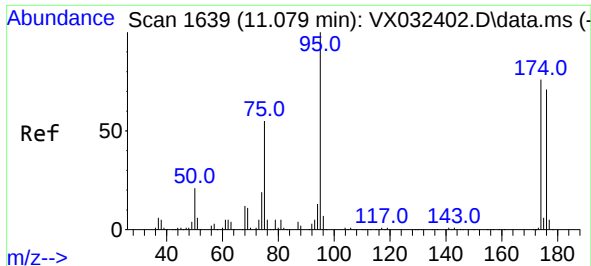
Tgt Ion: 98 Resp: 202079
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 180.9 30.9 46.3#

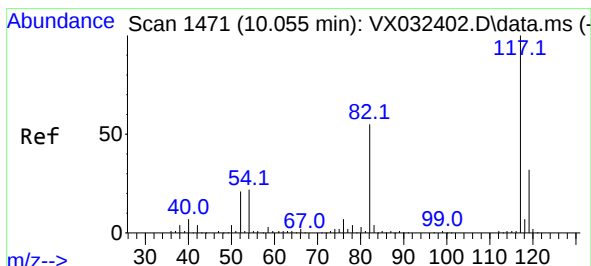
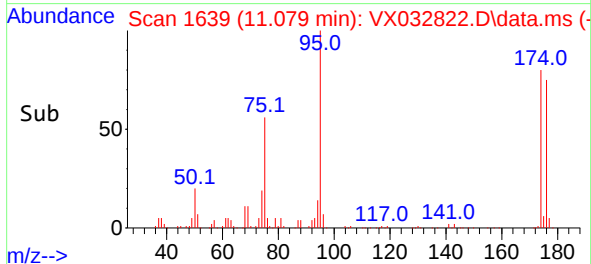
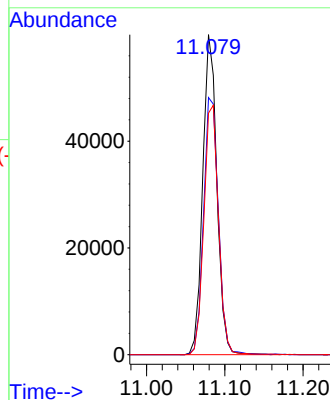
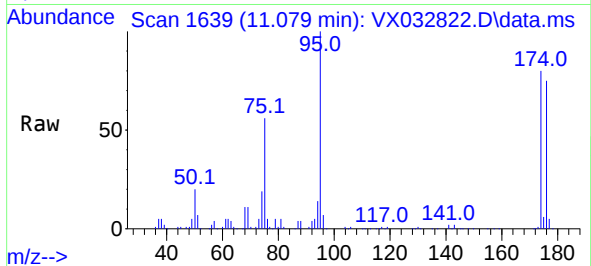




#62
4-Bromofluorobenzene
Concen: 47.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

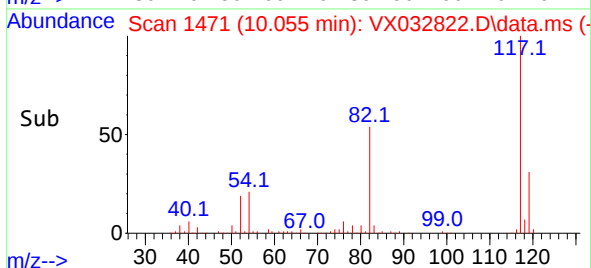
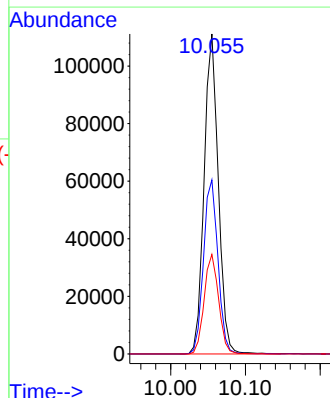
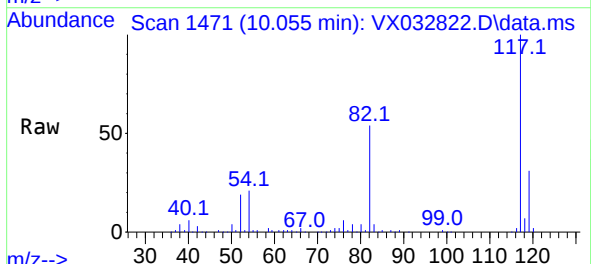
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

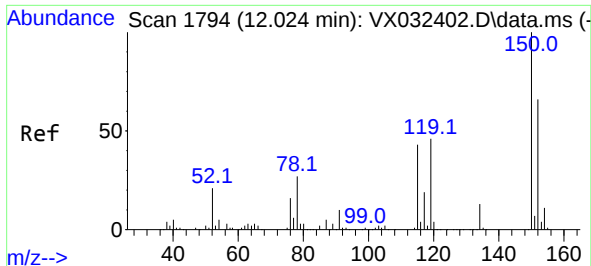
Tgt Ion: 95 Resp: 74978
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 80.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

Tgt Ion: 117 Resp: 146506
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.1 25.7 38.5

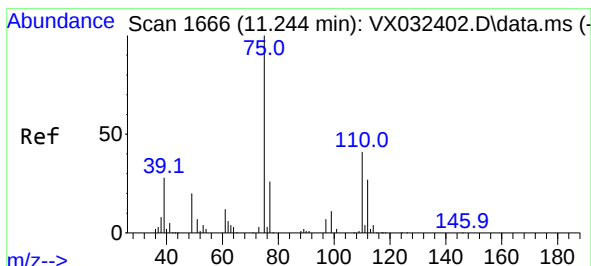
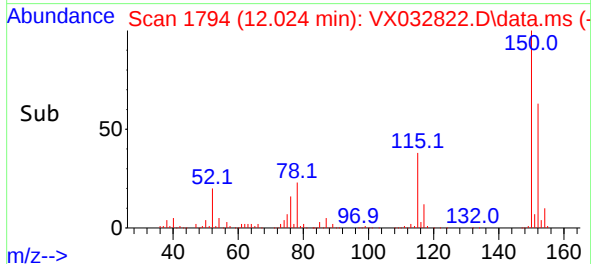
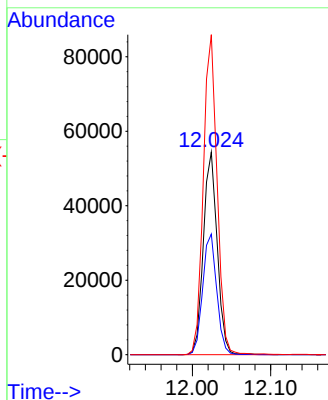
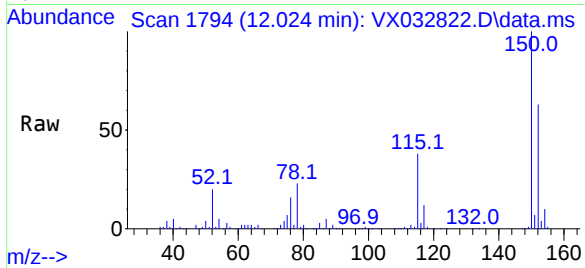




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

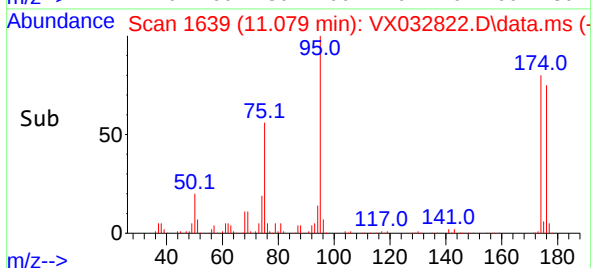
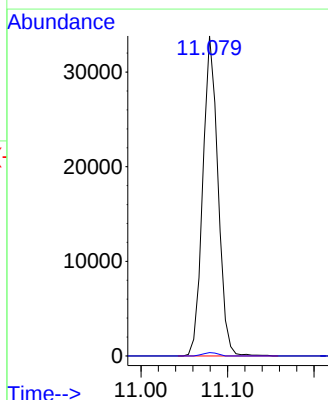
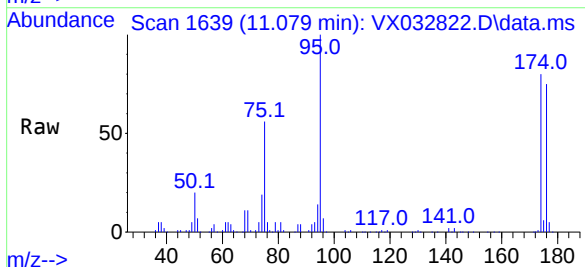
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

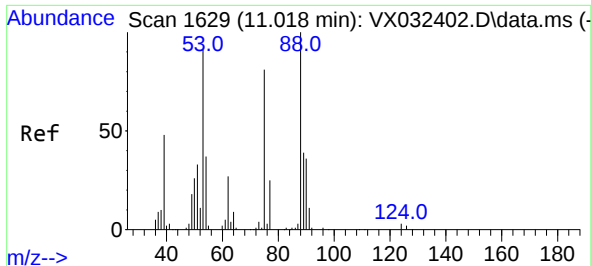
Tgt Ion:152 Resp: 66841
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032822.D
Acq: 15 Nov 2022 15:03

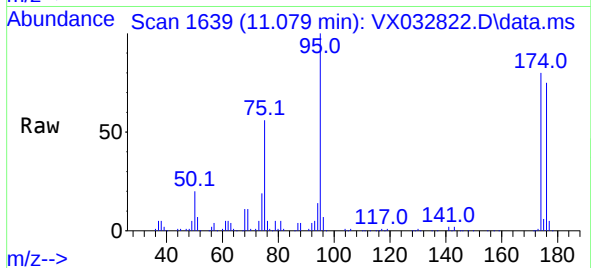
Tgt Ion: 75 Resp: 41138
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.028 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032822.D
 Acq: 15 Nov 2022 15:03

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



Tgt Ion: 75 Resp: 41138
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

