

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032934.D
 Acq On : 18 Nov 2022 18:46
 Operator : JC/MD
 Sample : N5671-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20221116

Quant Time: Nov 19 03:10:42 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)

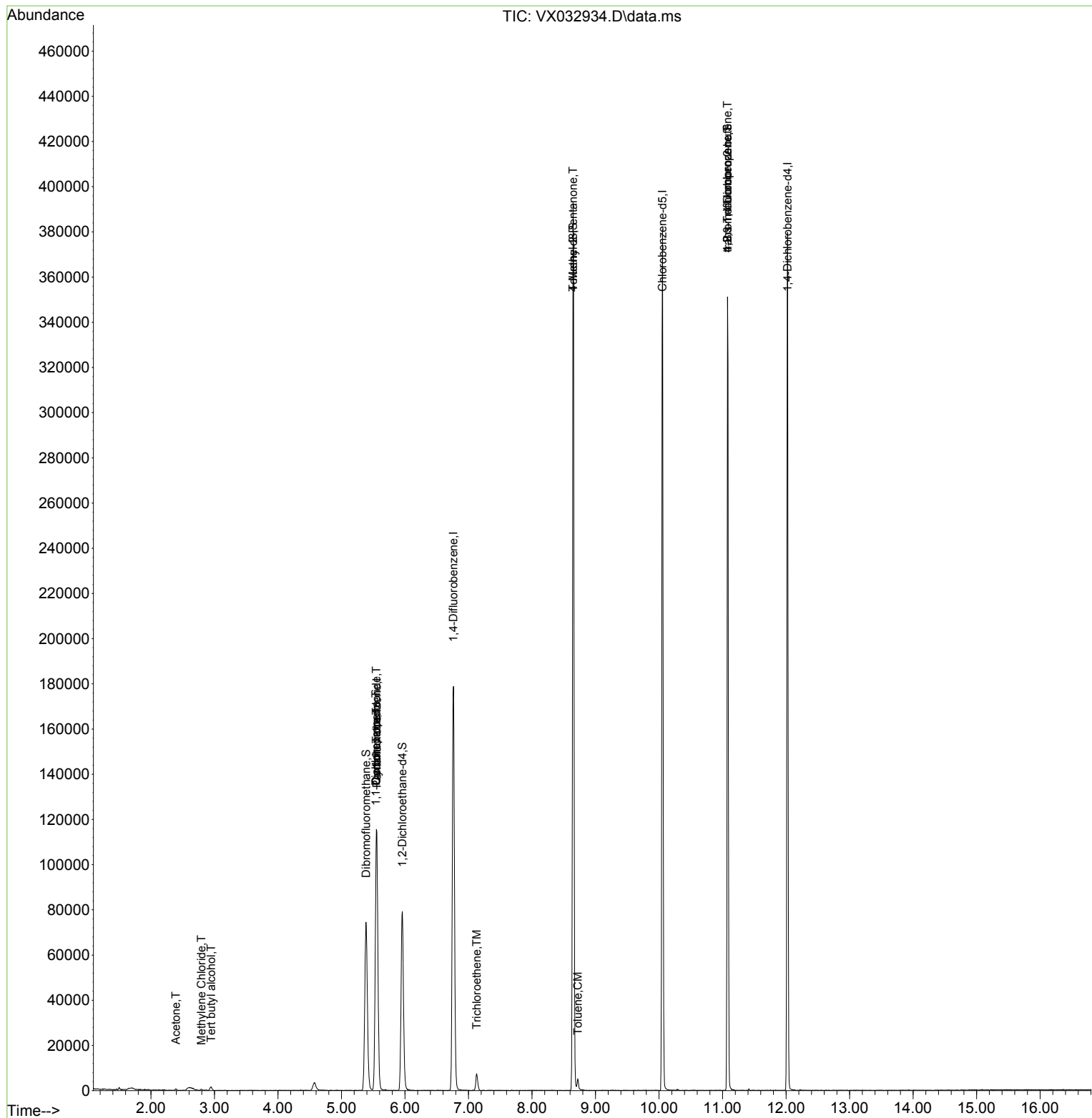
Internal Standards						
1) Pentafluorobenzene	5.556	168	110108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184560	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79901	52.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.460%	
35) Dibromofluoromethane	5.385	113	63458	48.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.400%	
50) Toluene-d8	8.647	98	232348	50.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.079	95	88423	49.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1004	4.509	ug/l #	72
16) Acetone	2.392	43	853	1.534	ug/l	100
20) Methylene Chloride	2.794	84	292	0.229	ug/l #	63
31) Cyclohexane	5.550	56	2446	1.319	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	8672	4.730	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11478	5.645	ug/l #	15
44) Trichloroethene	7.129	130	2965	2.030	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	961	0.521	ug/l #	1
52) Toluene	8.720	92	1936	0.572	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	48433	28.032	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48433	89.200	ug/l #	6

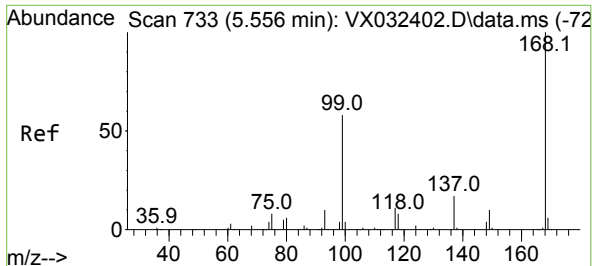
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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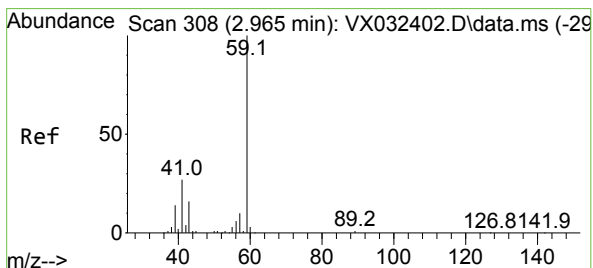
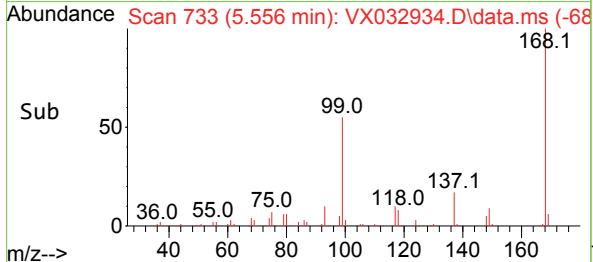
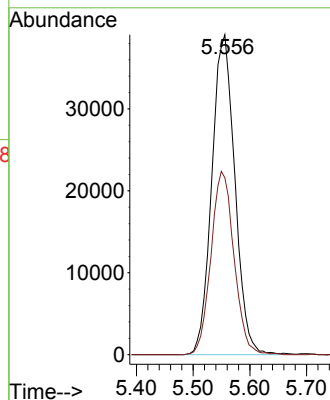
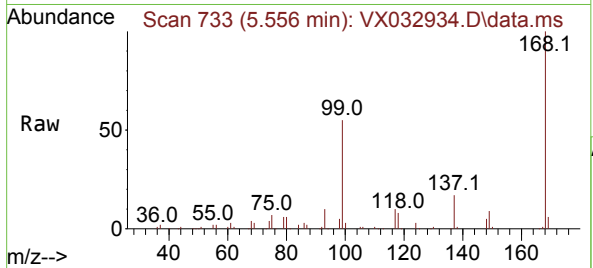




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

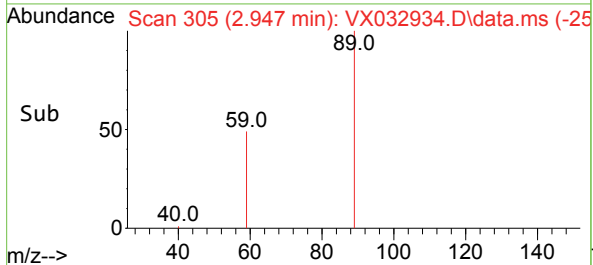
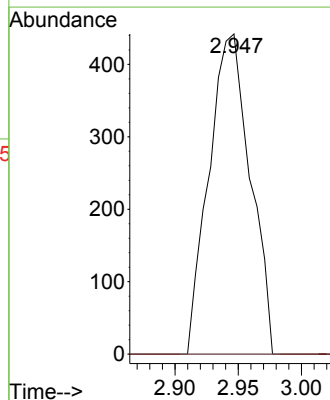
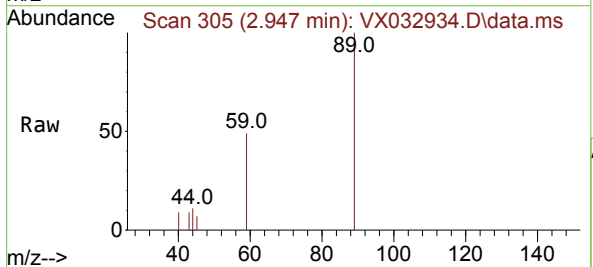
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20221116

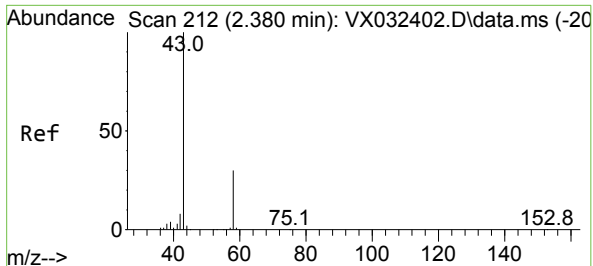
Tgt Ion:168 Resp: 110108
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.509 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Tgt Ion: 59 Resp: 1004
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

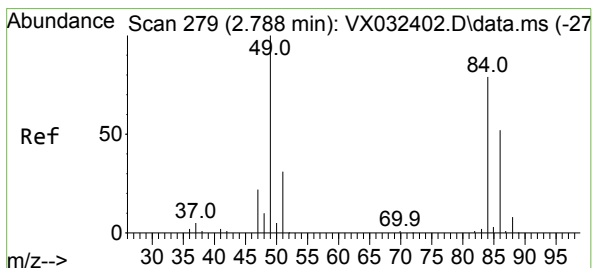
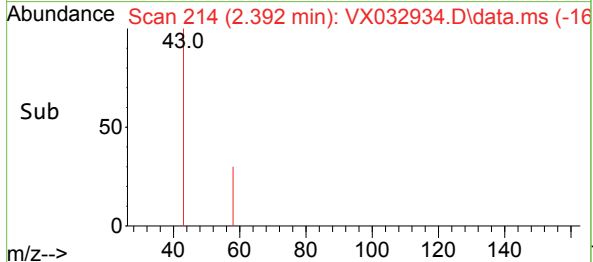
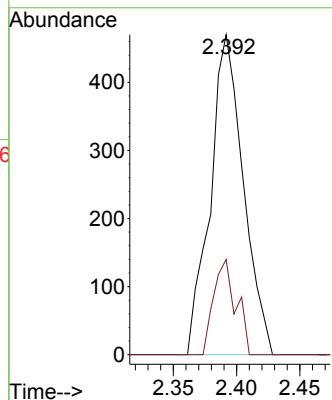
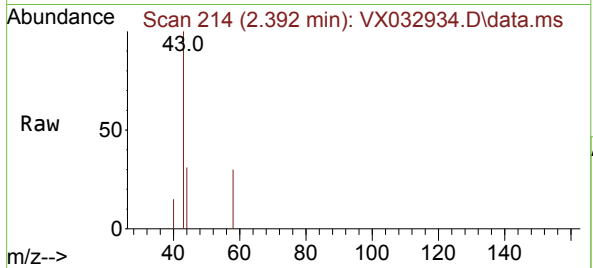




#16
Acetone
Concen: 1.534 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

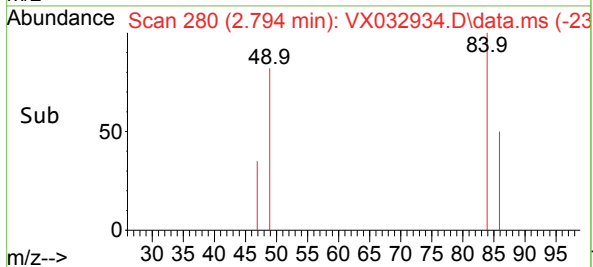
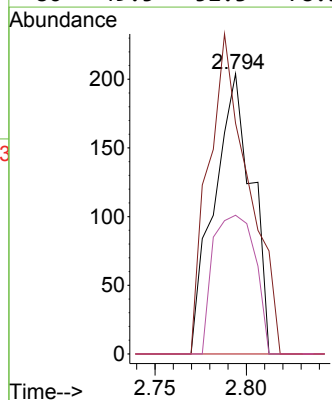
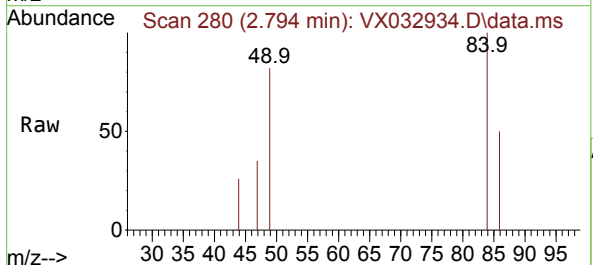
Instrument :
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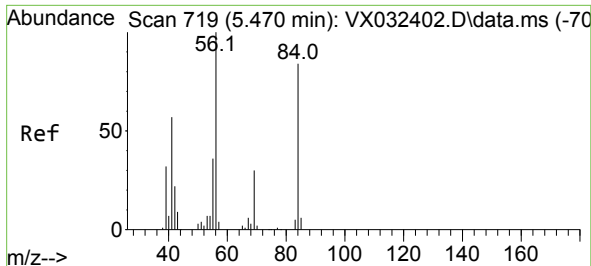
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

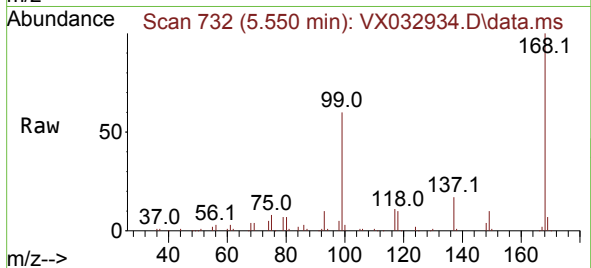
Tgt Ion: 84 Resp: 292
Ion Ratio Lower Upper
84 100
49 82.4 101.0 151.6#
51 0.0 31.1 46.7#
86 49.5 52.3 78.5#



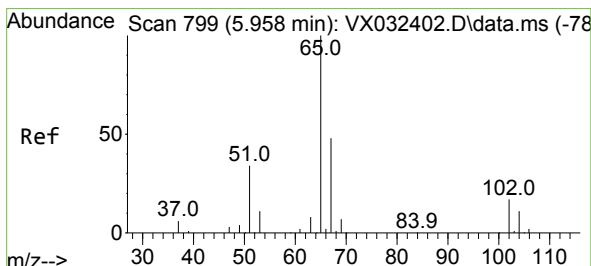
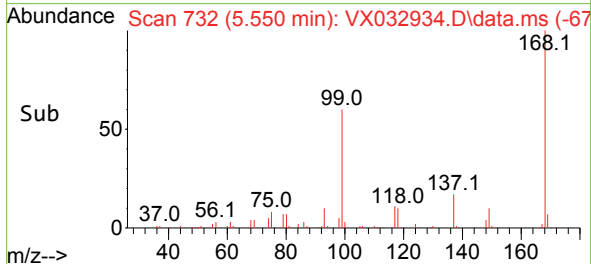
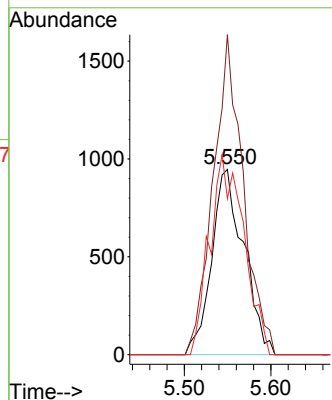


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20221116

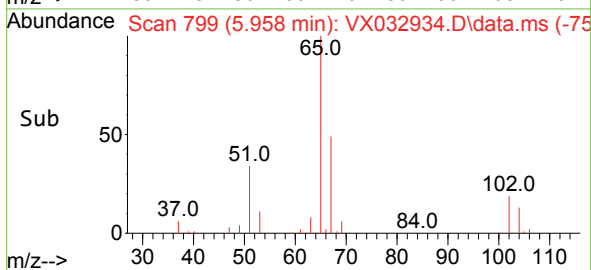
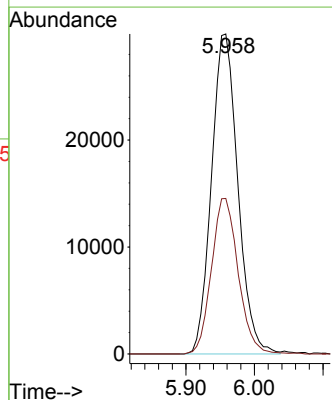
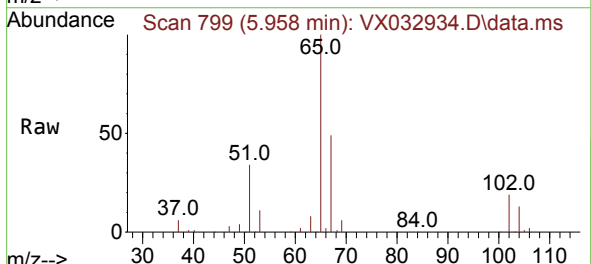


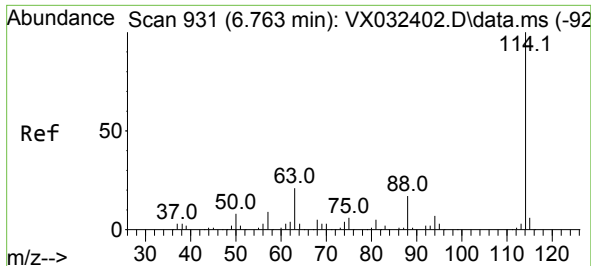
Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 172.7 24.1 36.1#
84 84.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Tgt Ion: 65 Resp: 79901
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.8

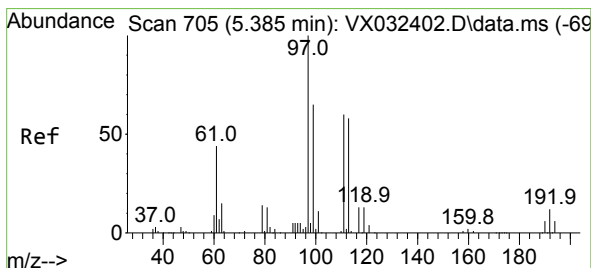
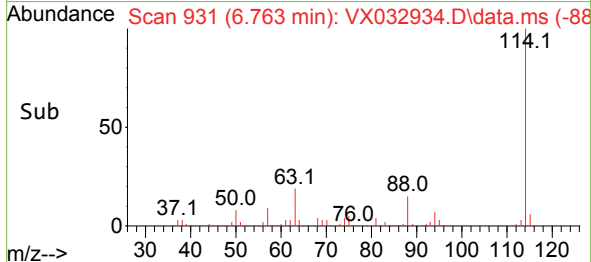
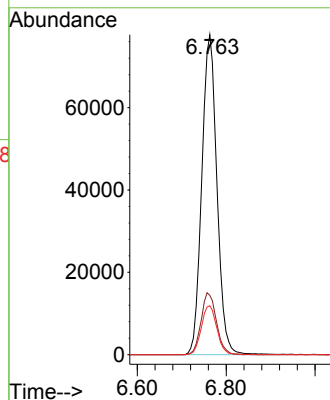
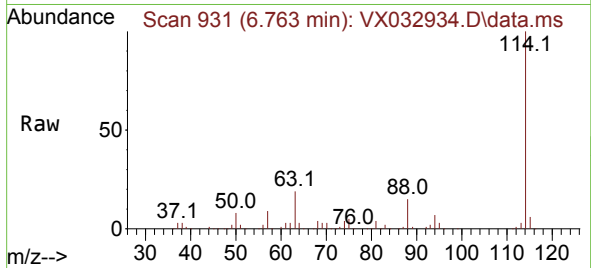




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

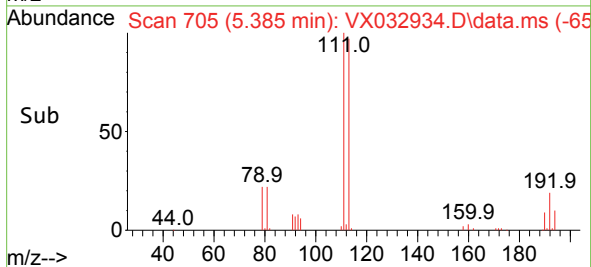
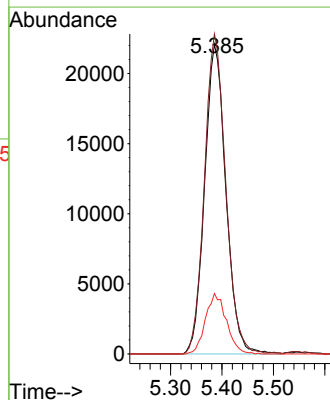
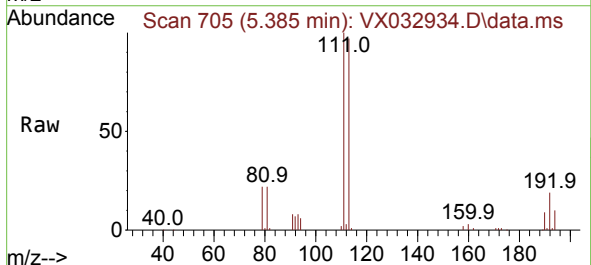
Instrument :
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ClientSampleId :
RE122D3-20221116

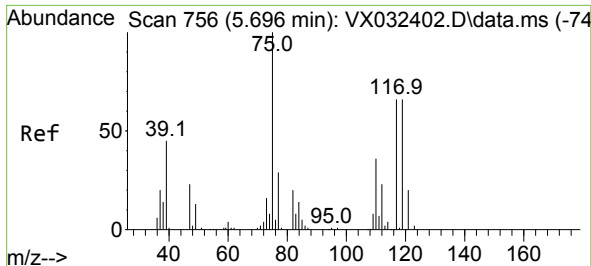
Tgt Ion:114 Resp: 184560
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.203 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Tgt Ion:113 Resp: 63458
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.2 15.4 23.2

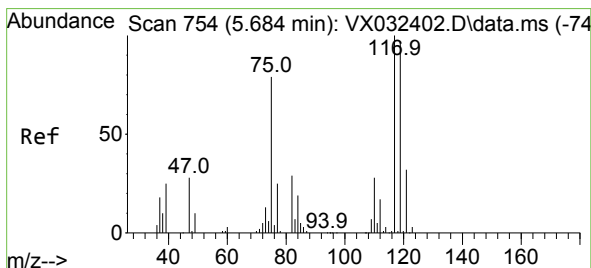
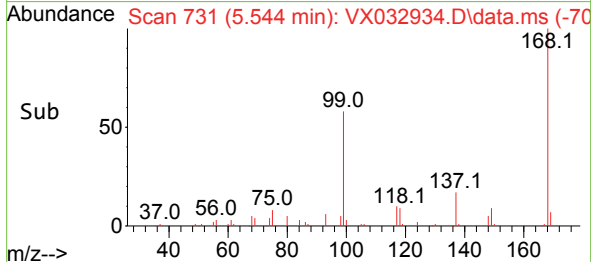
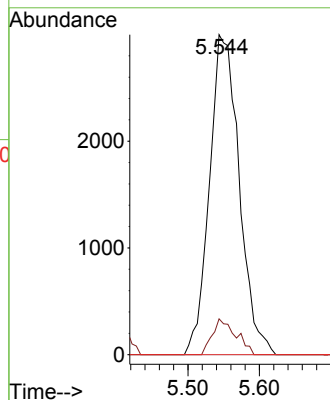
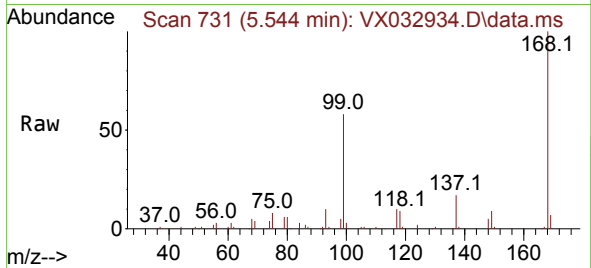




#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

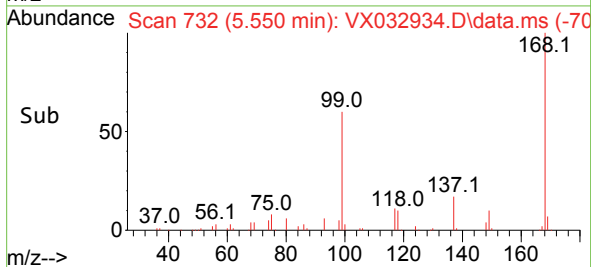
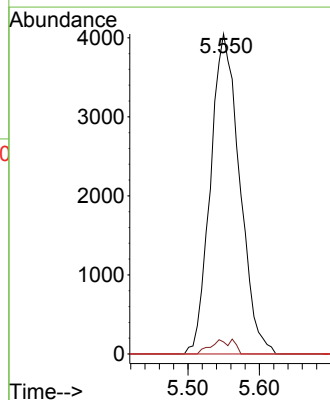
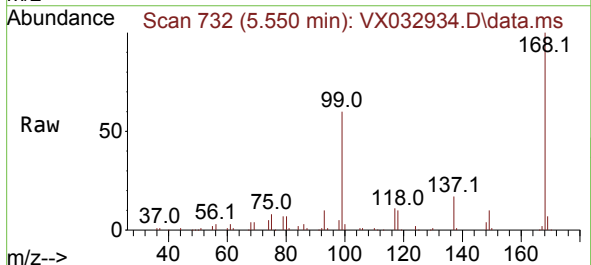
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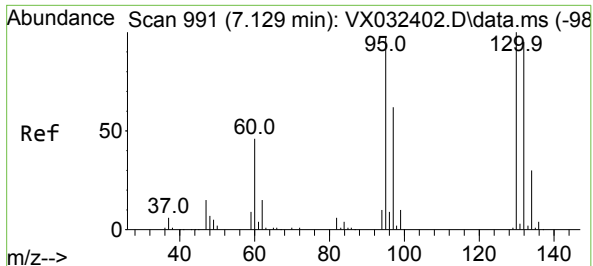
Tgt Ion: 75 Resp: 8672
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.645 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

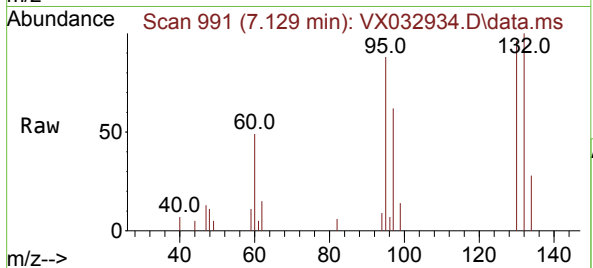
Tgt Ion: 117 Resp: 11478
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



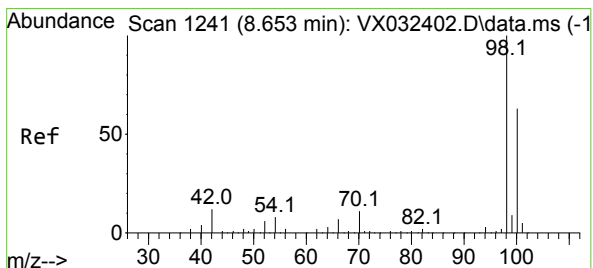
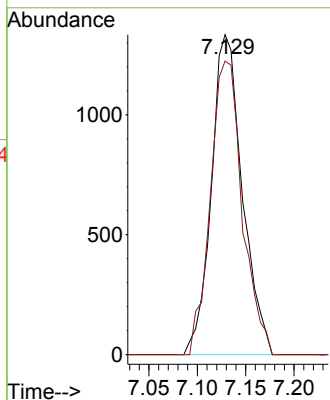
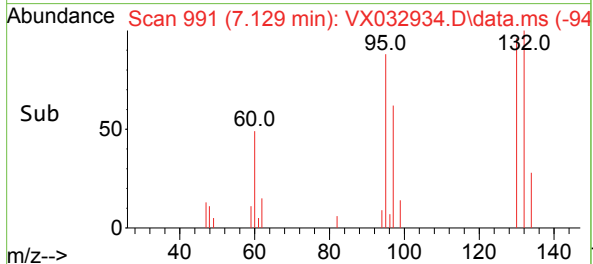


#44
Trichloroethene
Concen: 2.030 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
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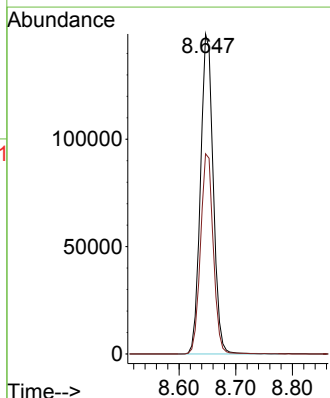
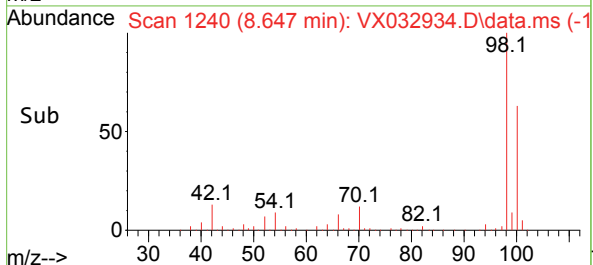
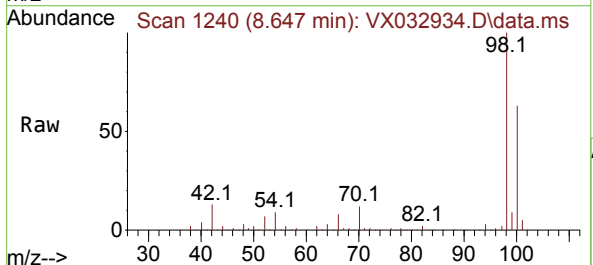


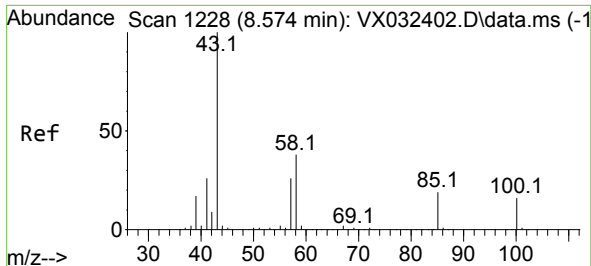
Tgt Ion:130 Resp: 2965
Ion Ratio Lower Upper
130 100
95 91.8 0.0 195.2



#50
Toluene-d8
Concen: 50.756 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Tgt Ion: 98 Resp: 232348
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

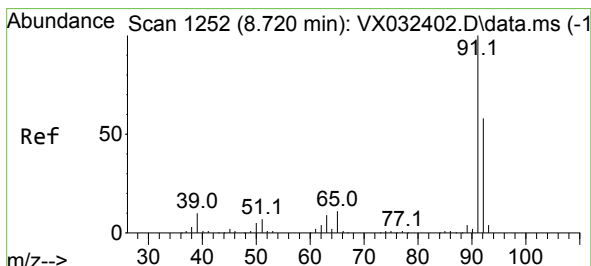
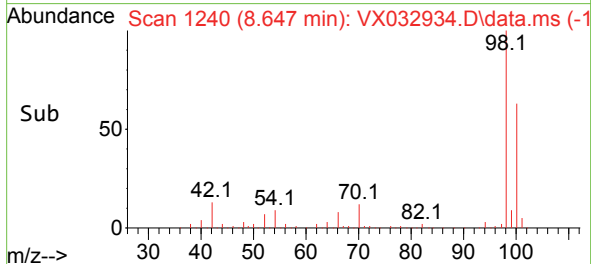
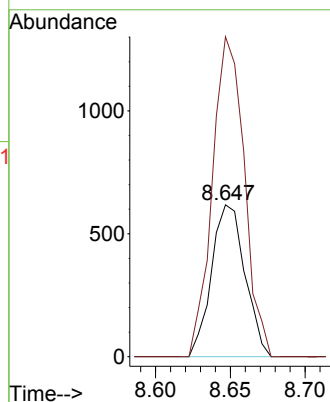
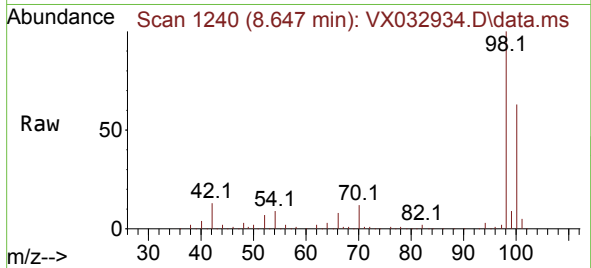




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

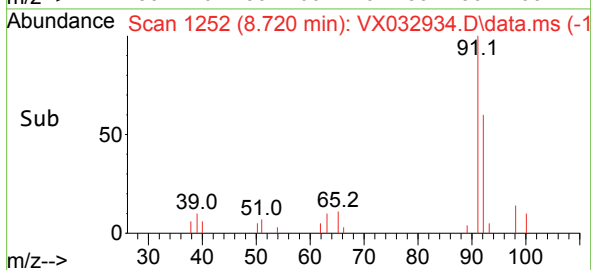
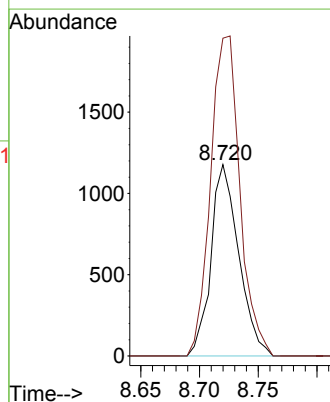
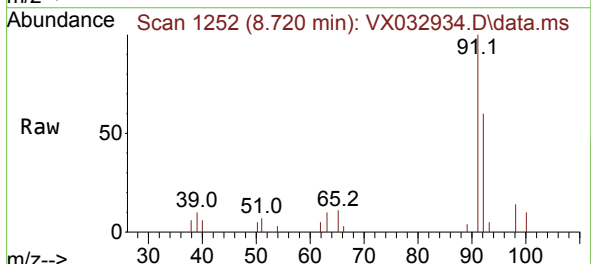
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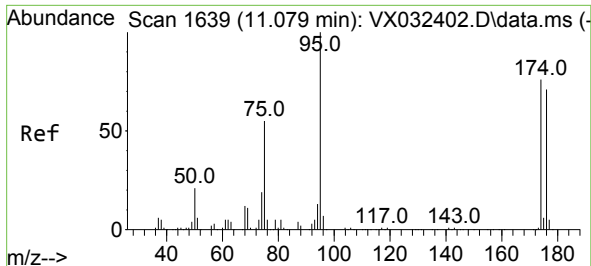
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
58 201.2 30.9 46.3#



#52
Toluene
Concen: 0.572 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

Tgt Ion: 92 Resp: 1936
Ion Ratio Lower Upper
92 100
91 176.7 138.3 207.5

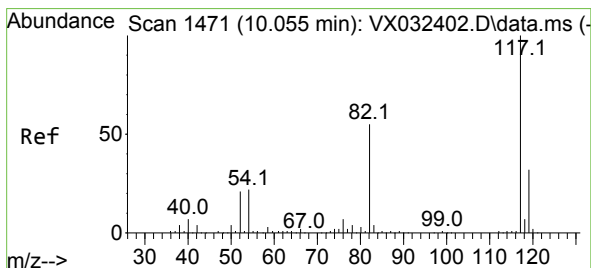
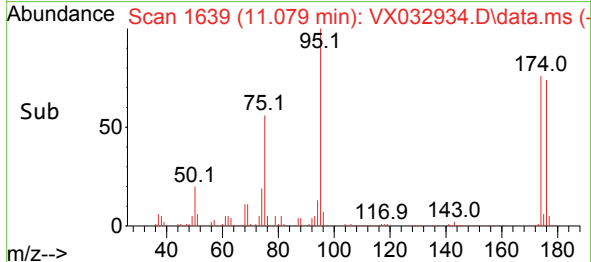
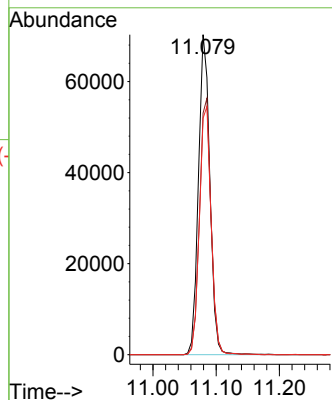
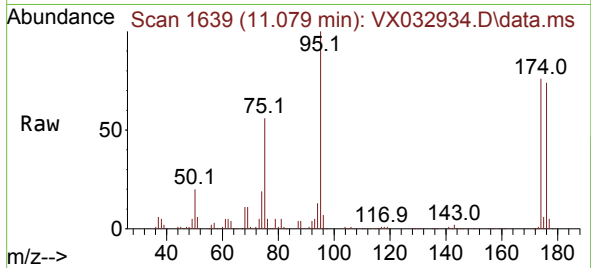




#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

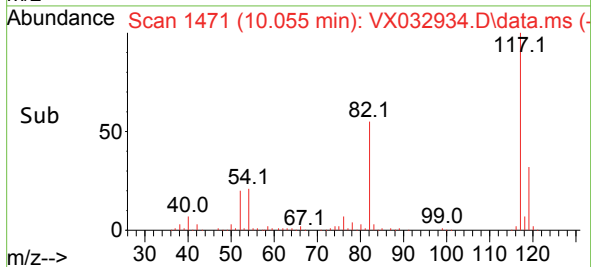
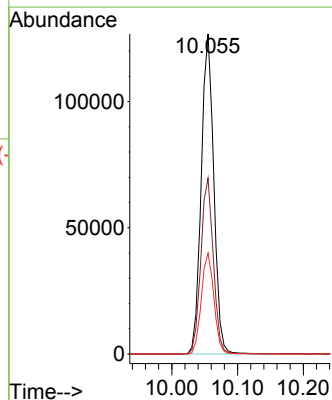
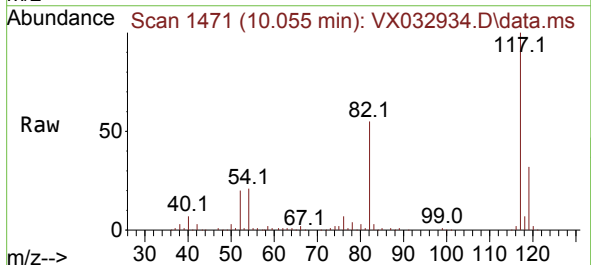
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20221116

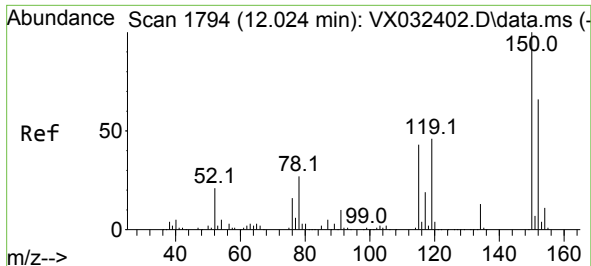
Tgt Ion: 95 Resp: 88423
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032934.D
Acq: 18 Nov 2022 18:46

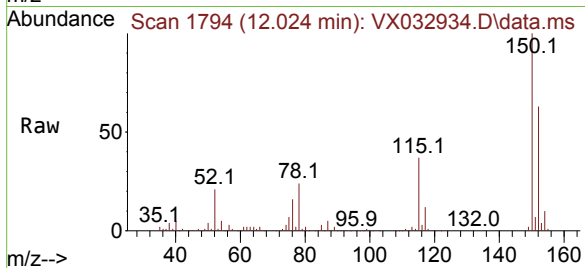
Tgt Ion: 117 Resp: 167960
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.5 25.7 38.5



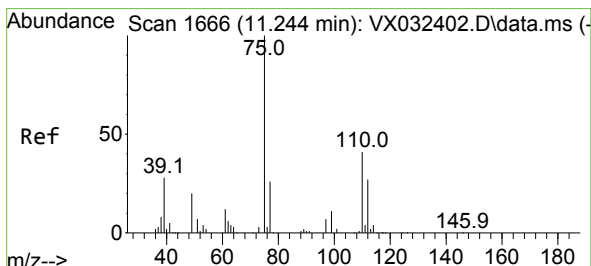
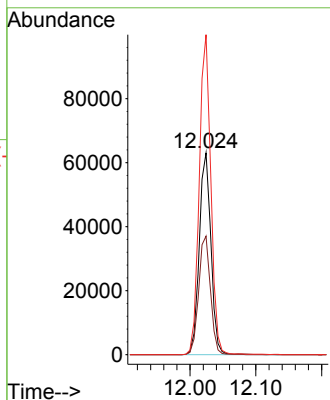
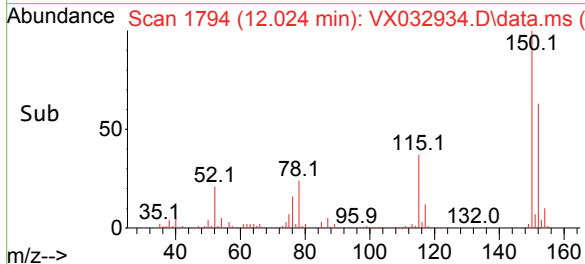


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032934.D
 Acq: 18 Nov 2022 18:46

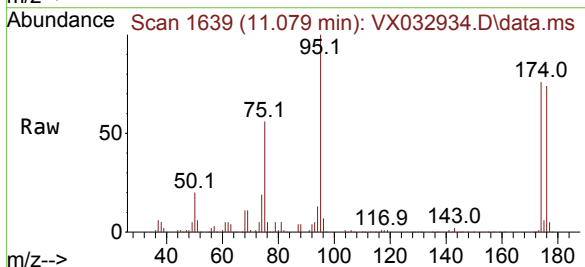
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20221116



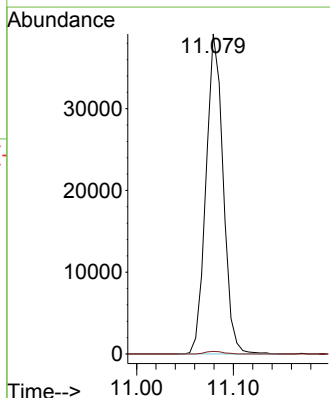
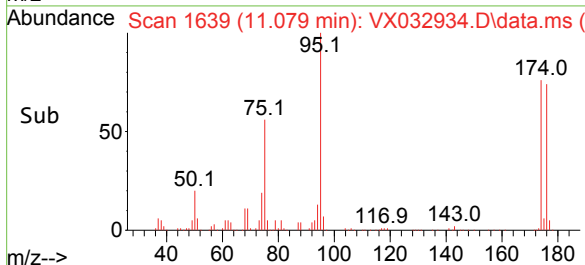
Tgt Ion:152 Resp: 77660
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 157.2 0.0 351.8

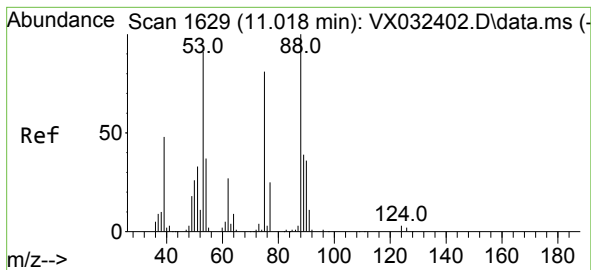


#76
 1,2,3-Trichloropropane
 Concen: 28.032 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032934.D
 Acq: 18 Nov 2022 18:46



Tgt Ion: 75 Resp: 48433
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.200 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032934.D
 Acq: 18 Nov 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20221116

Tgt Ion: 75 Resp: 48433
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

