

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032932.D
 Acq On : 18 Nov 2022 18:00
 Operator : JC/MD
 Sample : N5672-02 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20221116

Quant Time: Nov 19 03:09:59 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)

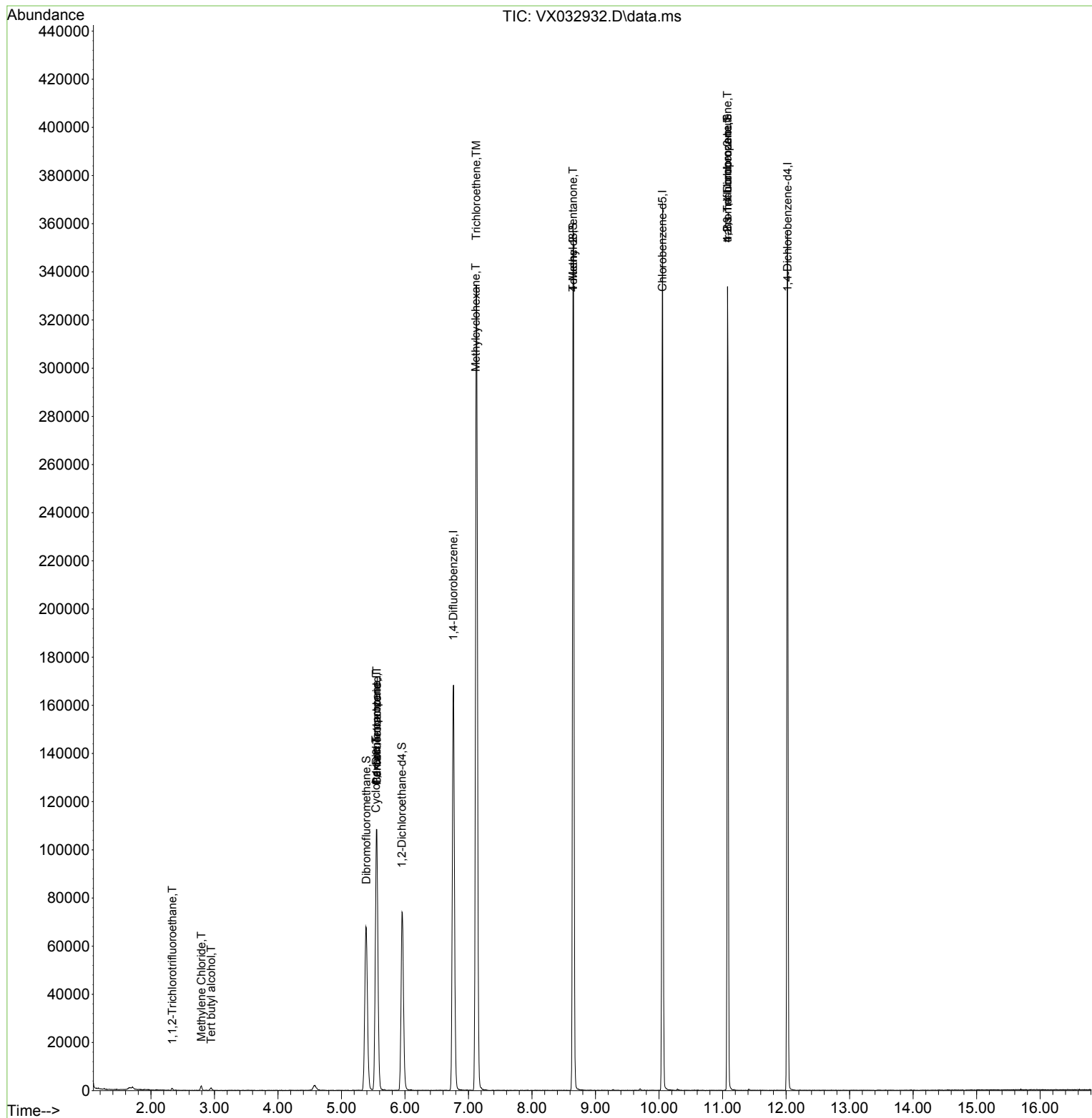
Internal Standards						
1) Pentafluorobenzene	5.556	168	103294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74833	52.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.280%	
35) Dibromofluoromethane	5.391	113	59672	48.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.100%	
50) Toluene-d8	8.647	98	217152	50.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	83549	50.045	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	275	0.248	ug/l #	66
11) Tert butyl alcohol	2.946	59	710	3.399	ug/l #	72
20) Methylene Chloride	2.794	84	832	0.696	ug/l #	80
31) Cyclohexane	5.544	56	2132	1.225	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	7933	4.635	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10904	5.744	ug/l #	14
39) Methylcyclohexane	7.116	83	1640	0.810	ug/l #	1
44) Trichloroethene	7.123	130	129322	94.847	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	969	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45454	27.726	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45454	88.224	ug/l #	6

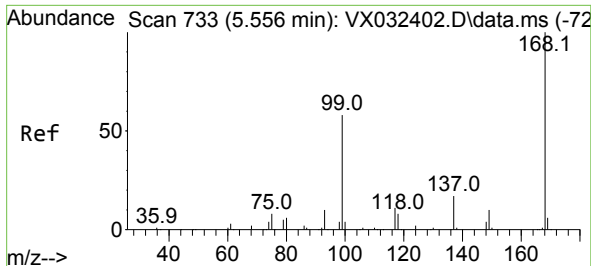
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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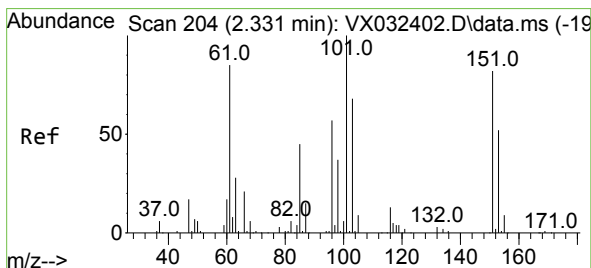
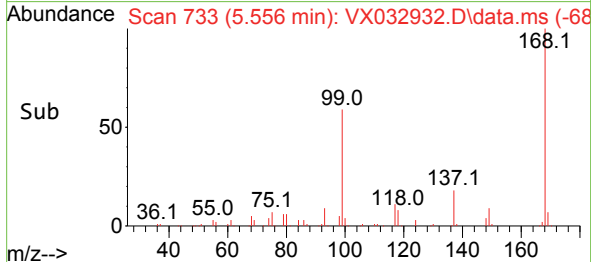
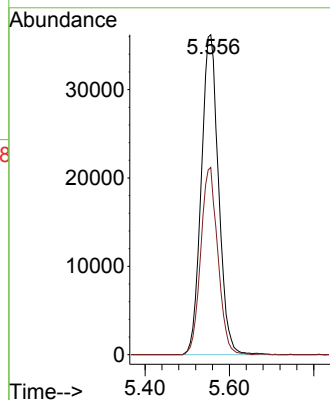
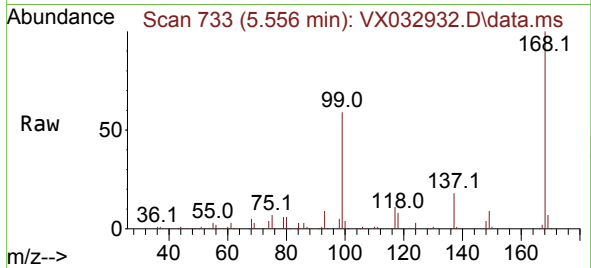




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

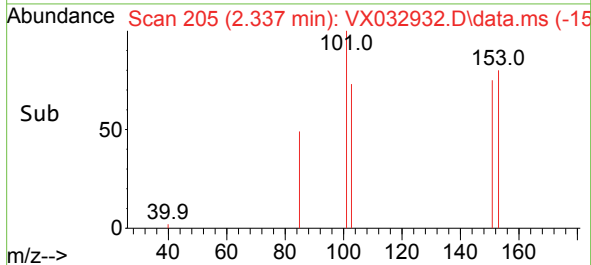
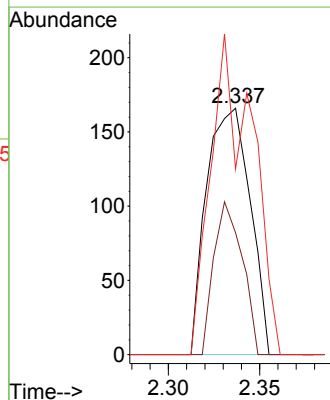
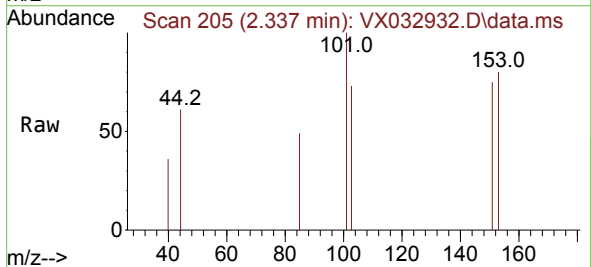
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20221116

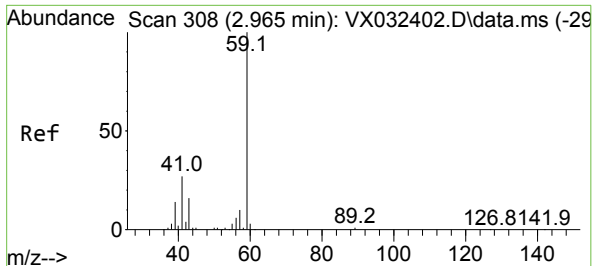
Tgt Ion:168 Resp: 103294
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.248 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion:101 Resp: 275
Ion Ratio Lower Upper
101 100
85 40.4 37.0 55.4
151 123.3 64.4 96.6#





#11

Tert butyl alcohol

Concen: 3.399 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032932.D

Acq: 18 Nov 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

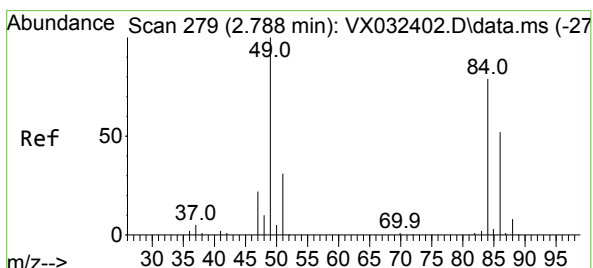
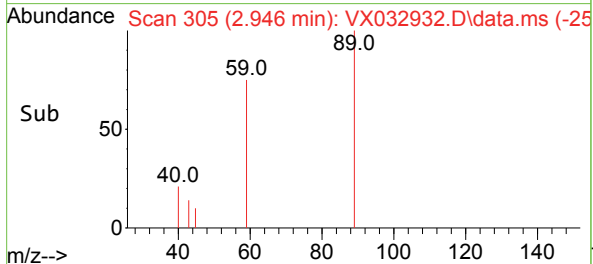
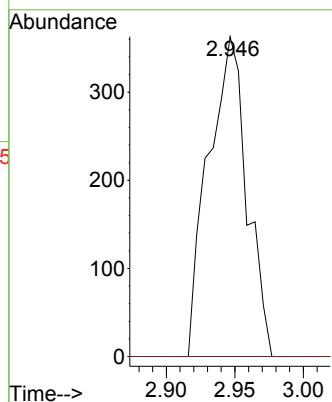
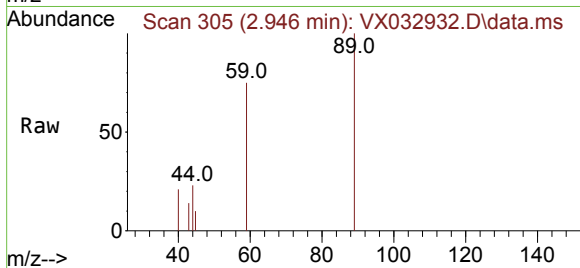
RE122D2-20221116

Tgt Ion: 59 Resp: 710

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#20

Methylene Chloride

Concen: 0.696 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032932.D

Acq: 18 Nov 2022 18:00

Tgt Ion: 84 Resp: 832

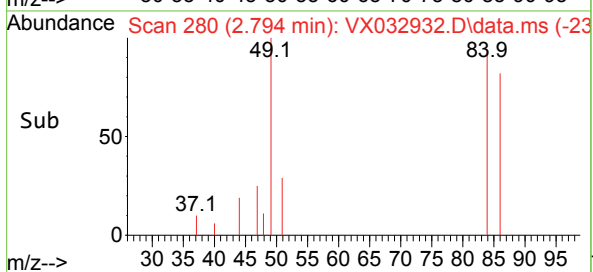
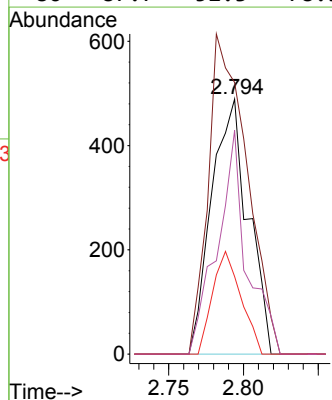
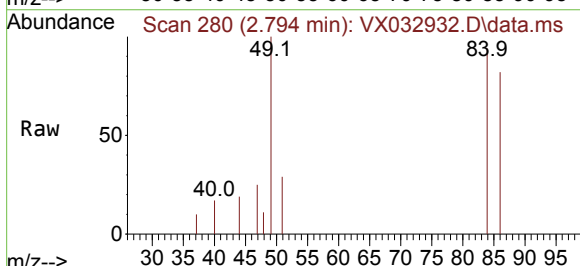
Ion Ratio Lower Upper

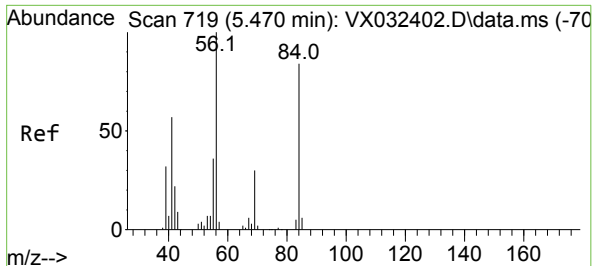
84 100

49 106.5 101.0 151.6

51 30.5 31.1 46.7#

86 87.7 52.3 78.5#

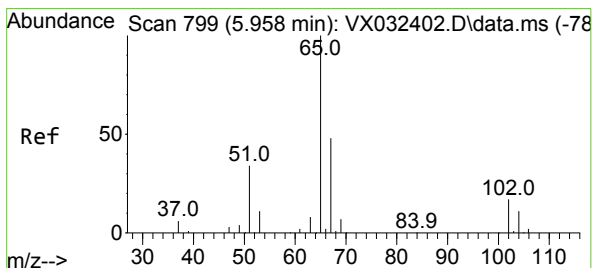
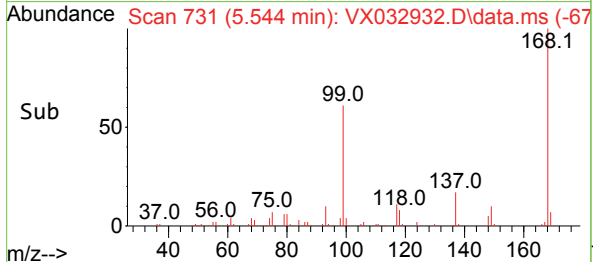
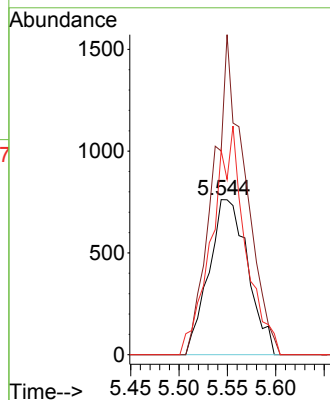
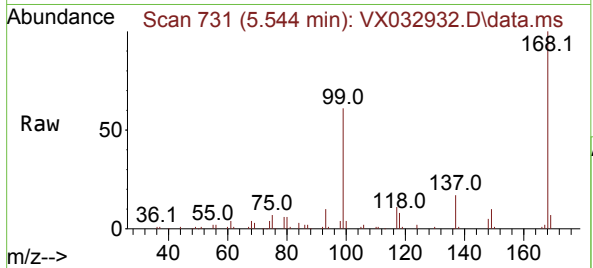




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

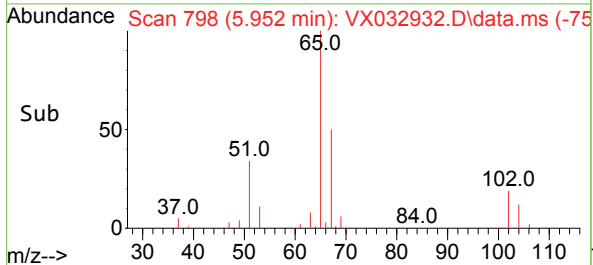
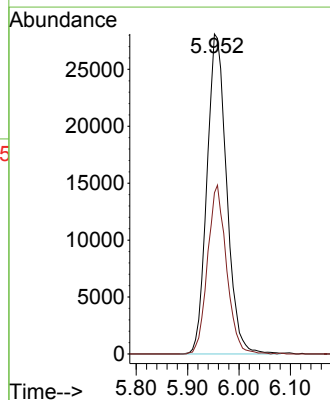
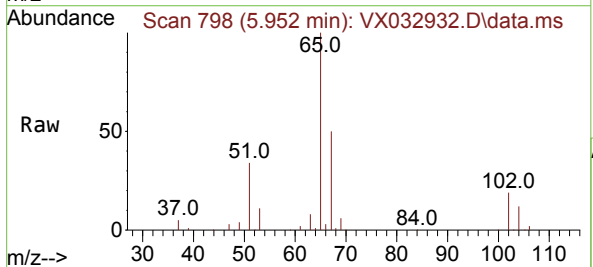
Instrument :
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RE122D2-20221116

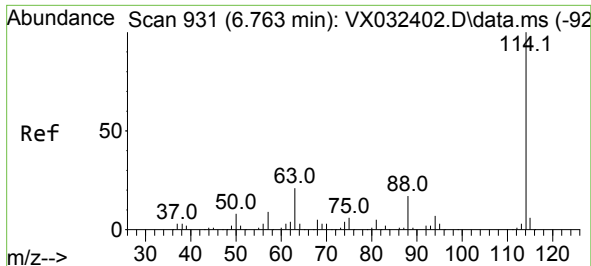
Tgt Ion: 56 Resp: 2132
Ion Ratio Lower Upper
56 100
69 131.4 24.1 36.1#
84 131.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.140 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion: 65 Resp: 74833
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

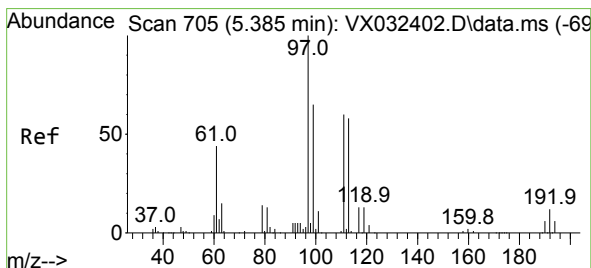
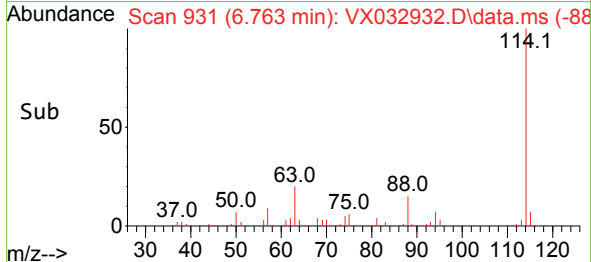
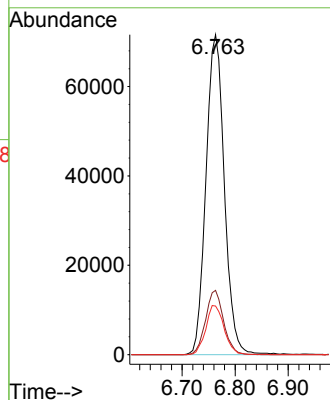
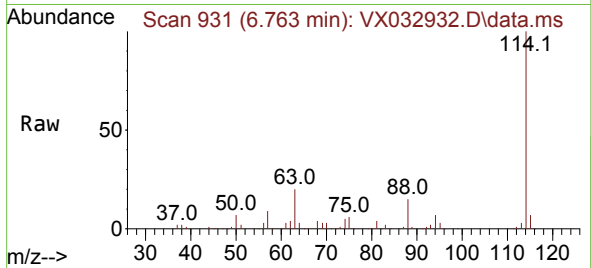




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

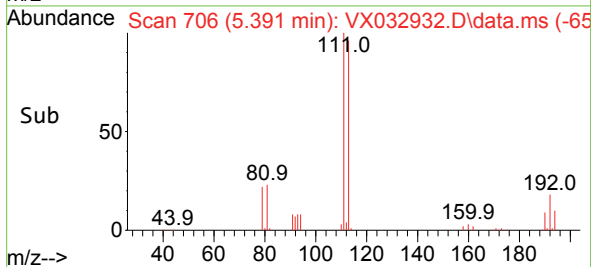
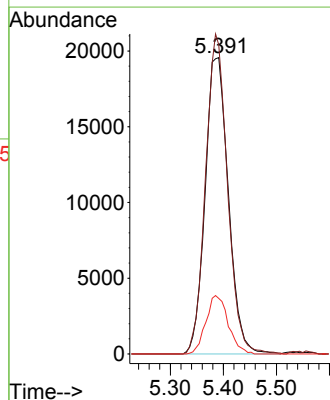
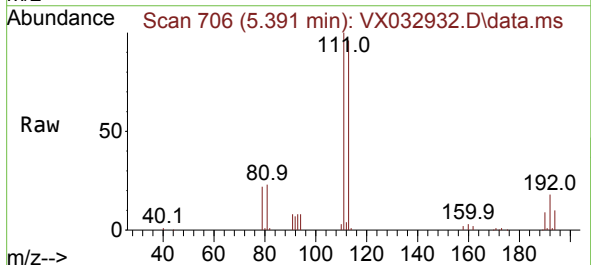
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20221116

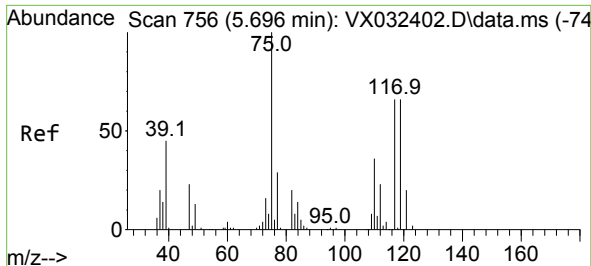
Tgt Ion:114 Resp: 172310
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.549 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion:113 Resp: 59672
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 18.9 15.4 23.2

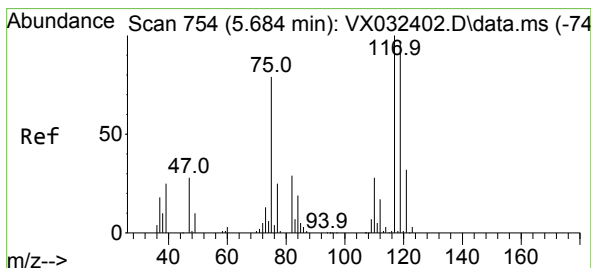
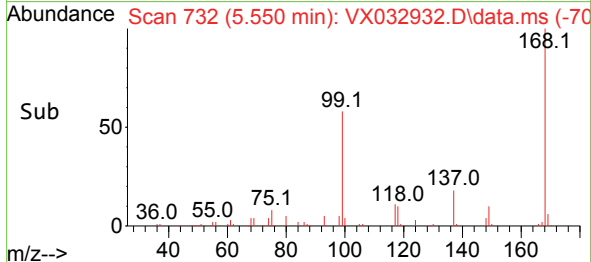
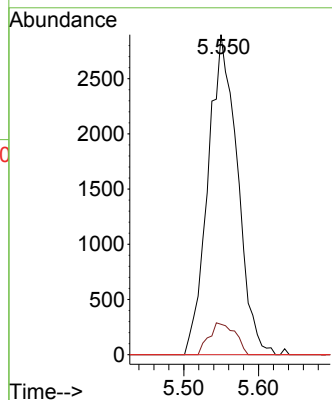
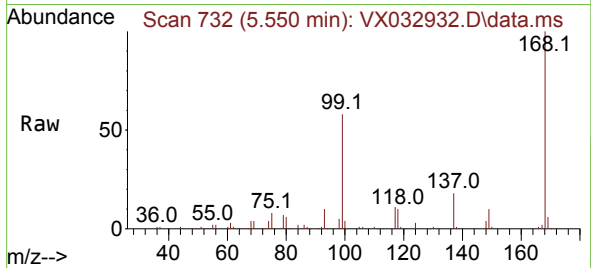




#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

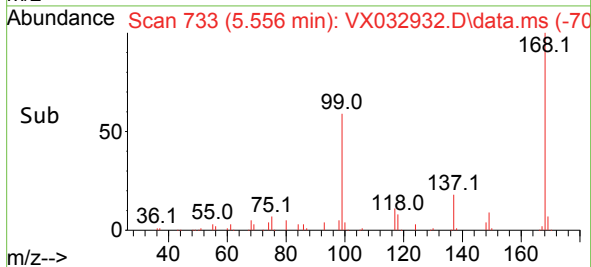
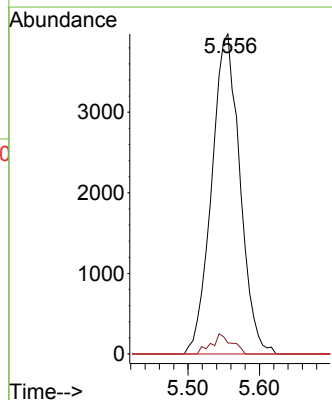
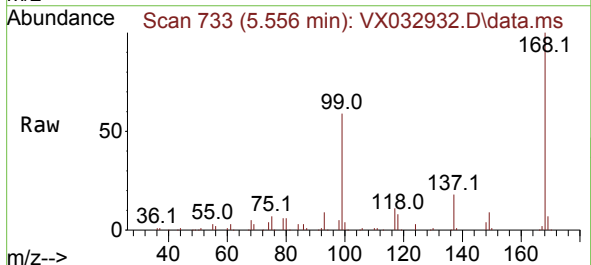
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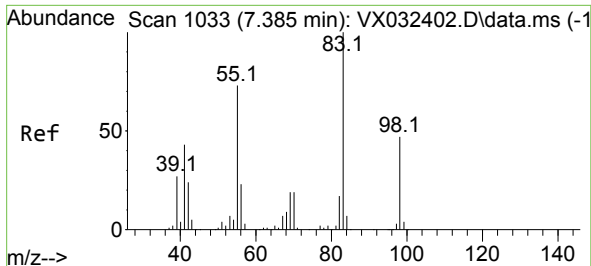
Tgt Ion: 75 Resp: 7933
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion: 117 Resp: 10904
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#

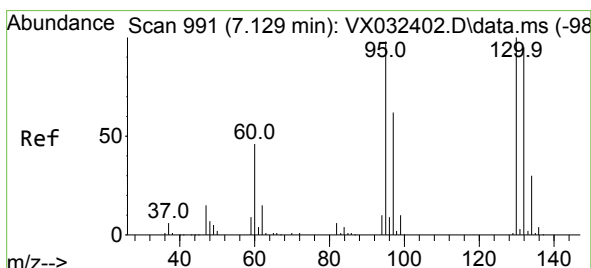
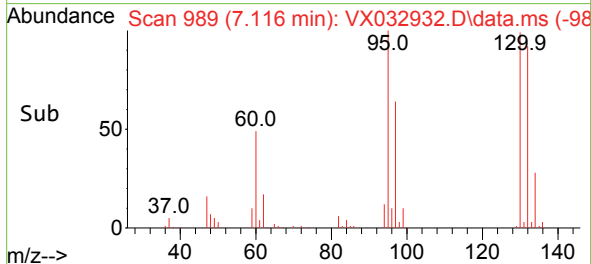
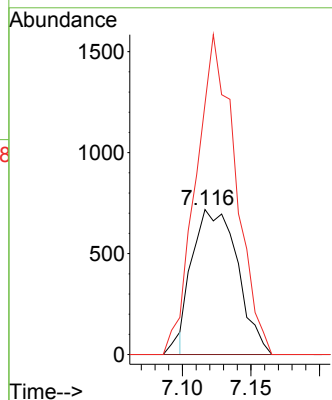
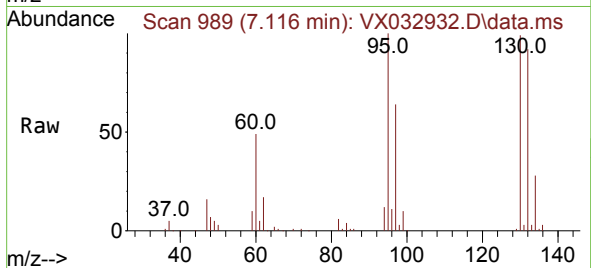




#39
Methylcyclohexane
Concen: 0.810 ug/l
RT: 7.116 min Scan# 91
Delta R.T. -0.268 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

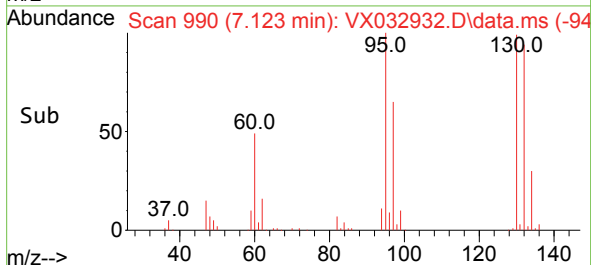
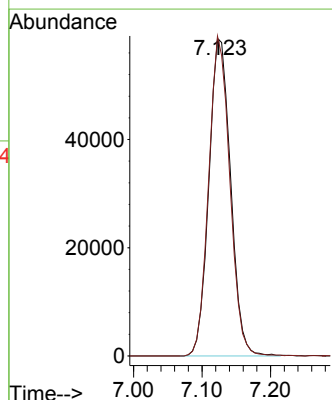
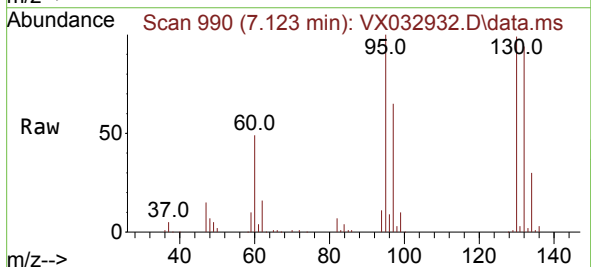
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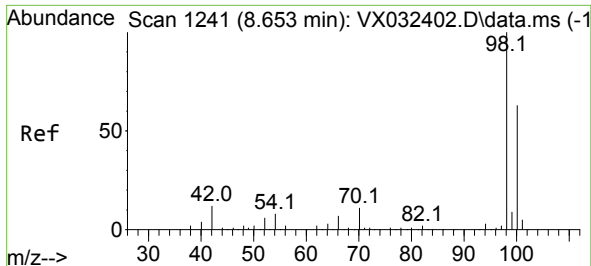
Tgt Ion: 83 Resp: 1640
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 173.0 37.2 55.8#



#44
Trichloroethene
Concen: 94.847 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion:130 Resp: 129322
Ion Ratio Lower Upper
130 100
95 100.8 0.0 195.2

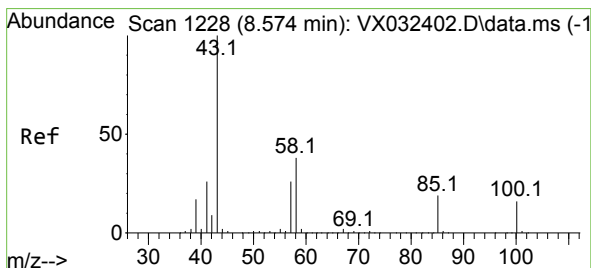
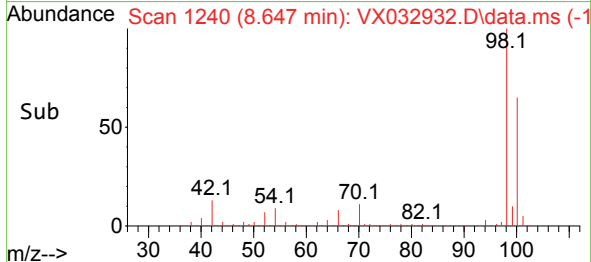
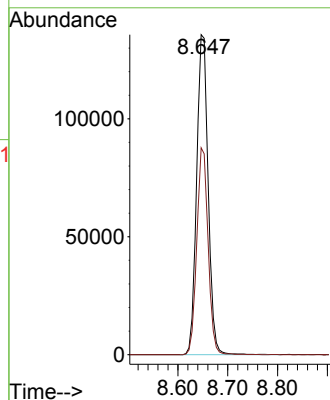
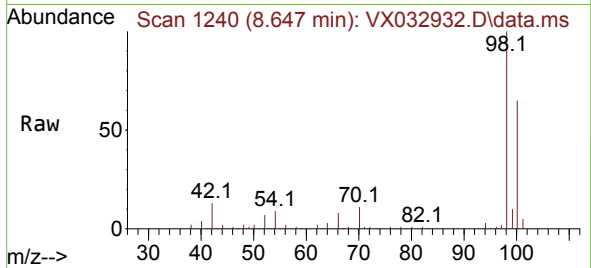




#50
Toluene-d8
Concen: 50.809 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

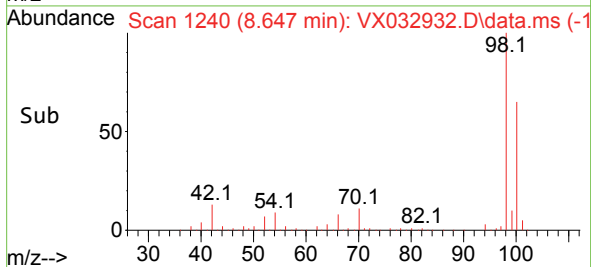
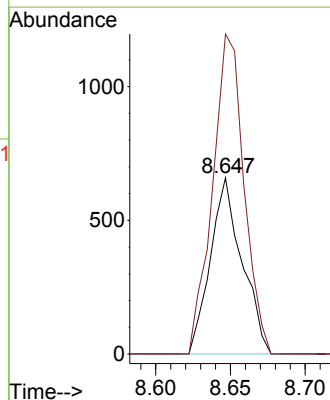
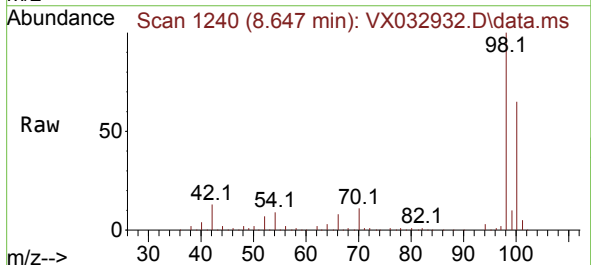
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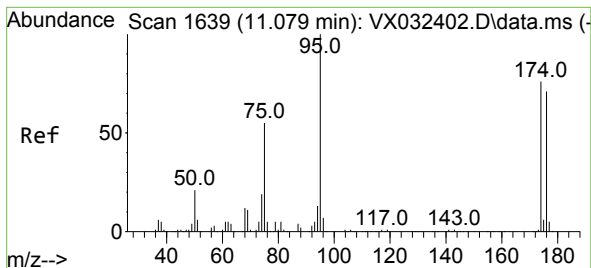
Tgt Ion: 98 Resp: 217152
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 180.8 30.9 46.3#

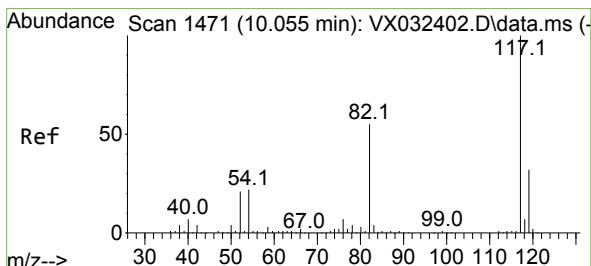
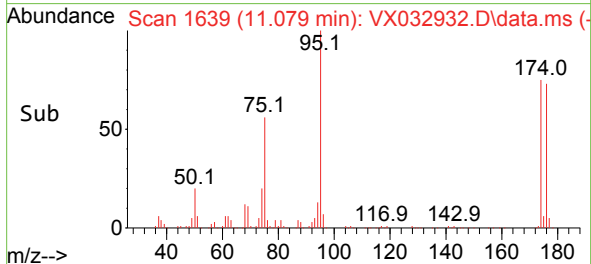
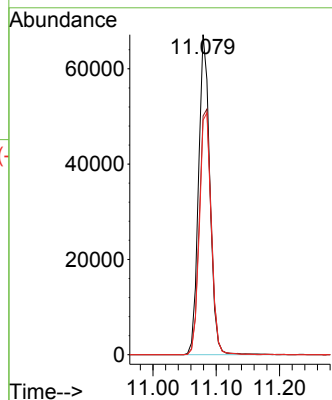
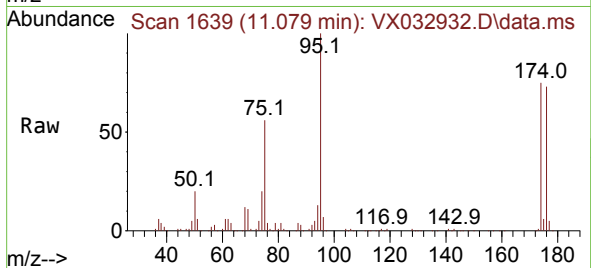




#62
4-Bromofluorobenzene
Concen: 50.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

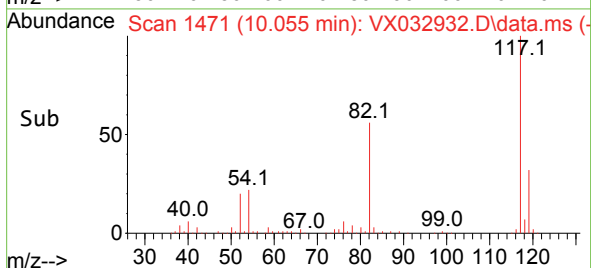
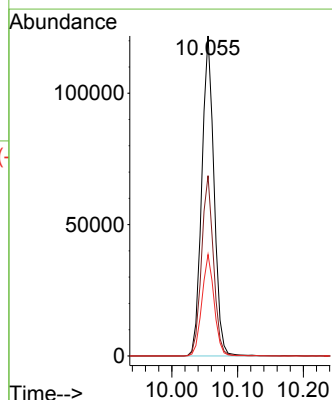
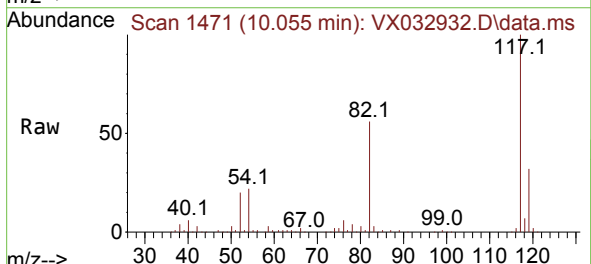
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20221116

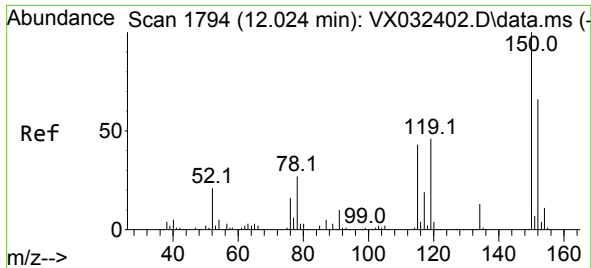
Tgt Ion: 95 Resp: 83549
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion: 117 Resp: 157186
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 31.7 25.7 38.5

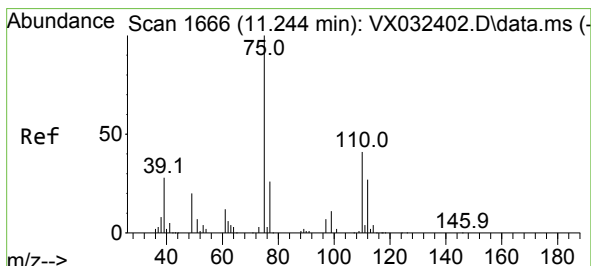
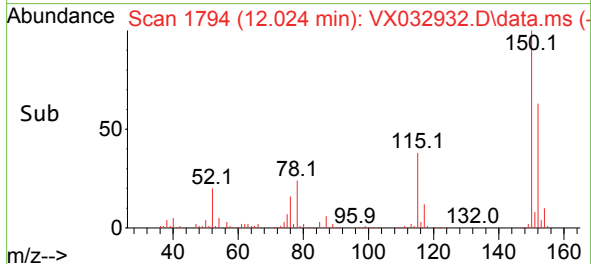
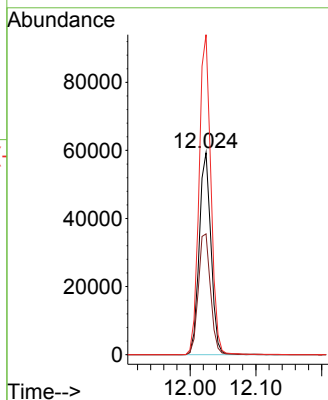
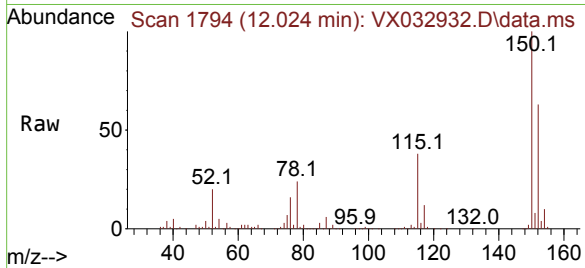




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

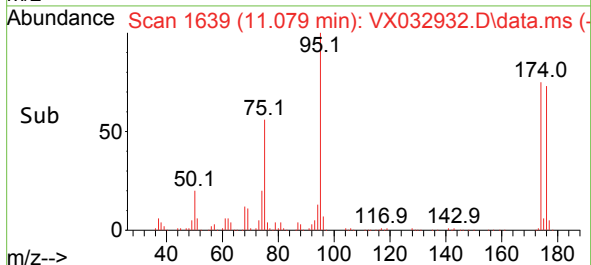
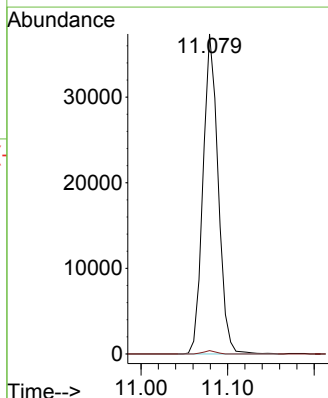
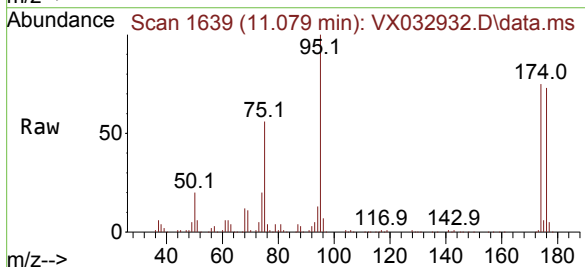
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20221116

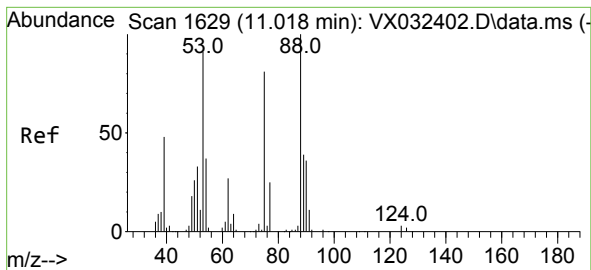
Tgt Ion:152 Resp: 73690
Ion Ratio Lower Upper
152 100
115 62.0 44.0 132.0
150 159.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032932.D
Acq: 18 Nov 2022 18:00

Tgt Ion: 75 Resp: 45454
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.224 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032932.D
 Acq: 18 Nov 2022 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20221116

Tgt Ion: 75 Resp: 45454
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

