

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030778.D
 Acq On : 25 Aug 2022 17:58
 Operator : JC/MD
 Sample : N4222-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-RW9-20220815

Quant Time: Aug 26 02:41:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

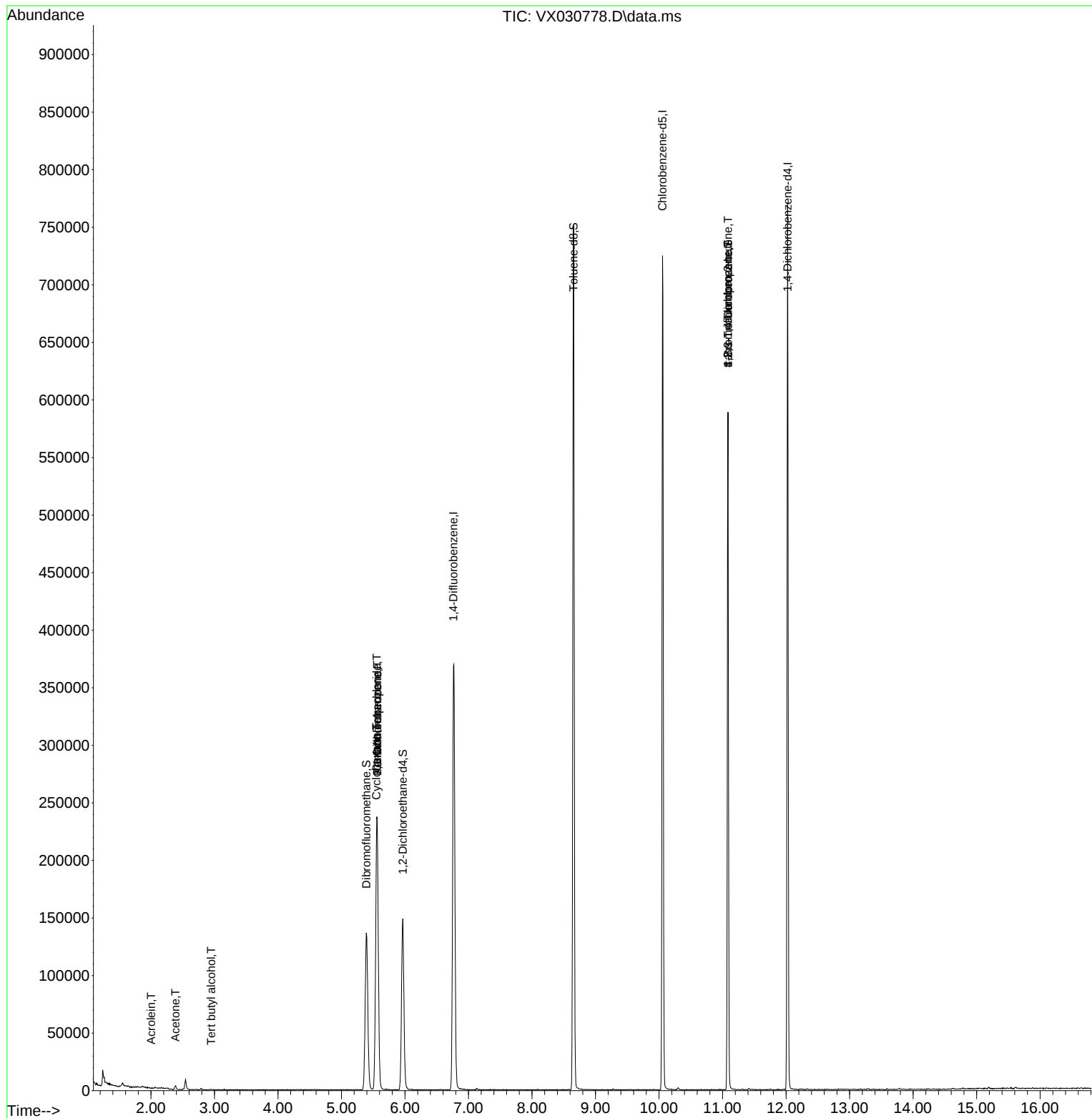
Internal Standards						
1) Pentafluorobenzene	5.562	168	235715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140278	50.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.180%
35) Dibromofluoromethane	5.391	113	121080	49.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.653	98	452190	53.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.000%
62) 4-Bromofluorobenzene	11.085	95	153892	48.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
3) Chloromethane	1.294	50	930	Below Cal	#	79
6) Chloroethane	1.697	64	152	Below Cal	#	41
11) Tert butyl alcohol	2.947	59	235	0.390	ug/l #	74
13) Acrolein	2.002	56	45	10.133	ug/l #	14
16) Acetone	2.386	43	3605	2.814	ug/l #	78
17) Carbon Disulfide	2.514	76	517	Below Cal	#	76
20) Methylene Chloride	2.788	84	535	Below Cal	#	58
31) Cyclohexane	5.550	56	4583	1.293	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17475	5.291	ug/l #	49
38) Carbon Tetrachloride	5.556	117	23316	6.693	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	74900	20.847	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74900	67.261	ug/l #	12

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

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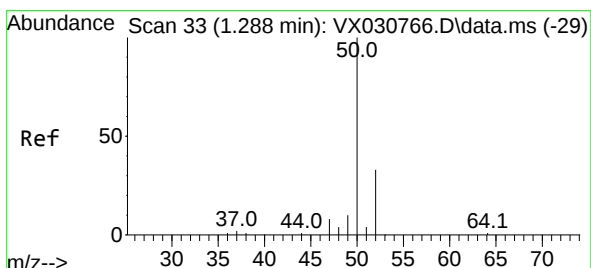
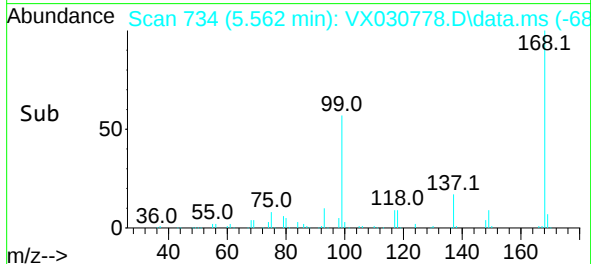
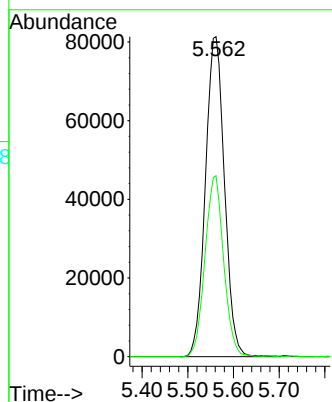
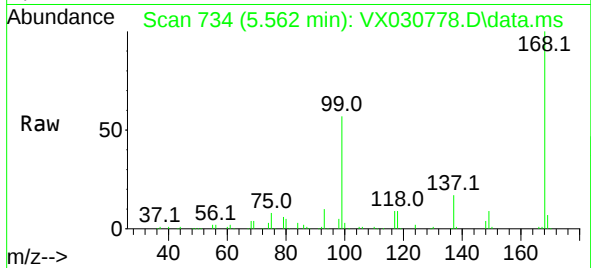




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

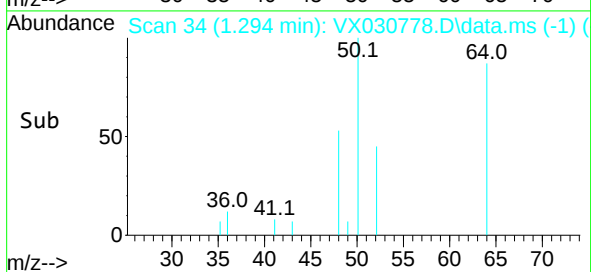
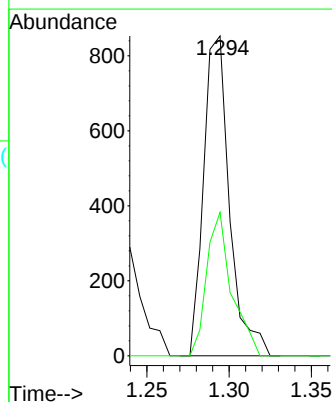
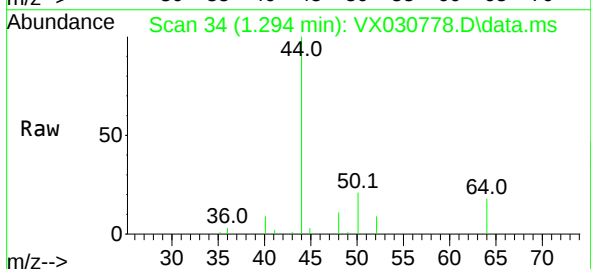
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

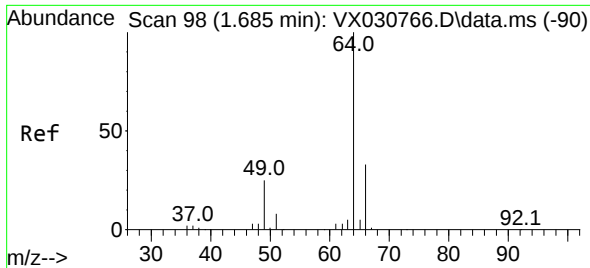
Tgt Ion:168 Resp: 235715
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 44.9 26.3 39.5#

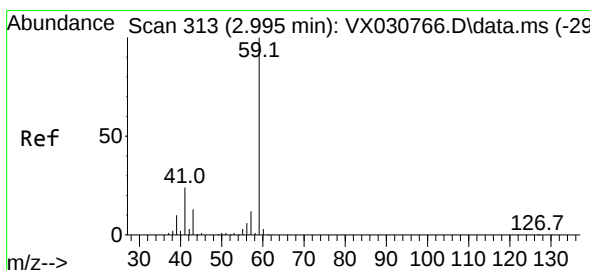
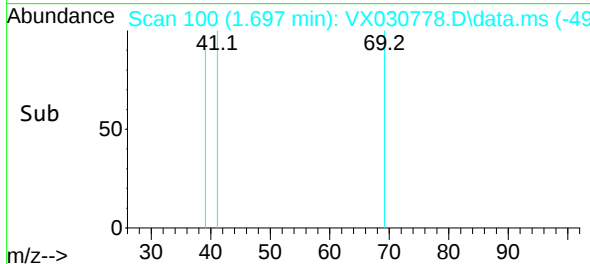
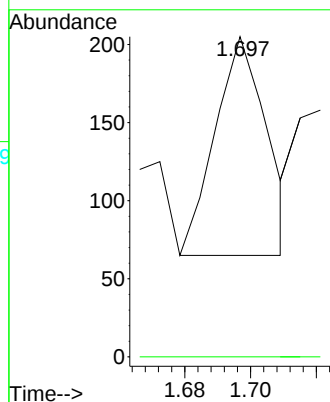
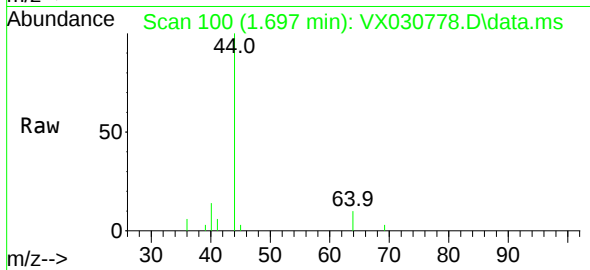




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

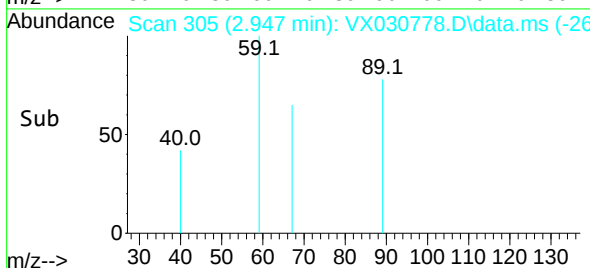
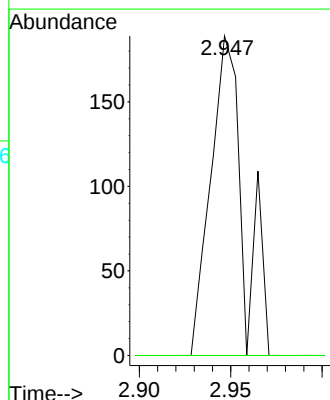
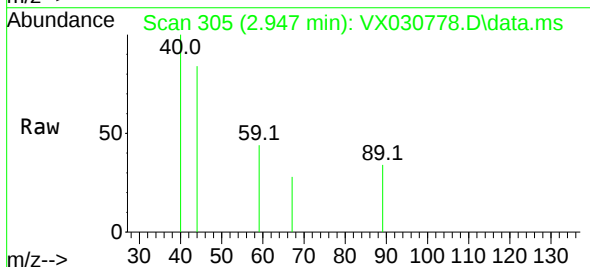
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

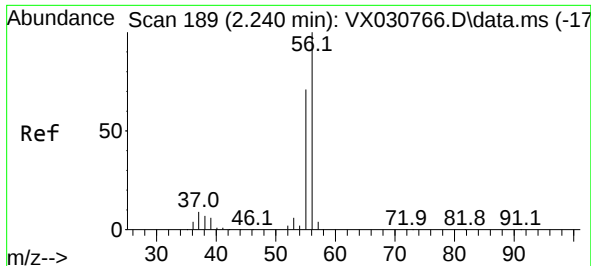
Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: 0.390 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

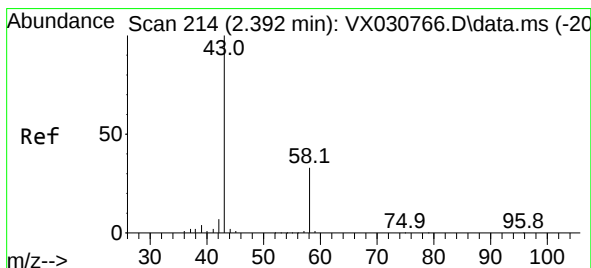
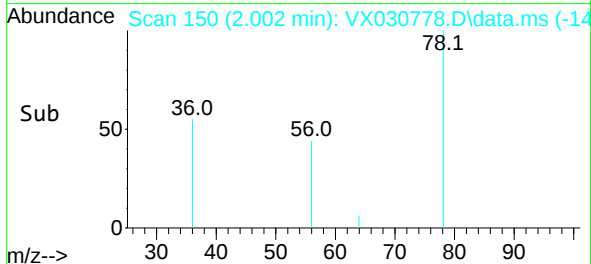
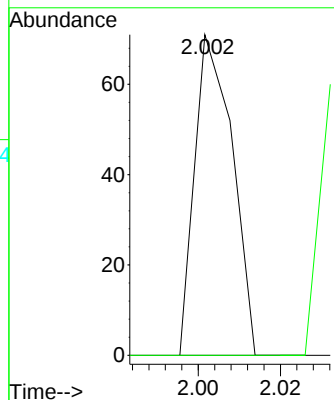
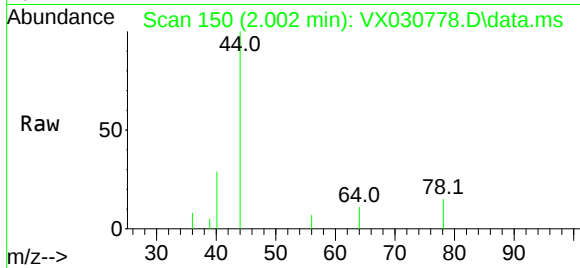




#13
Acrolein
Concen: 10.133 ug/l
RT: 2.002 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

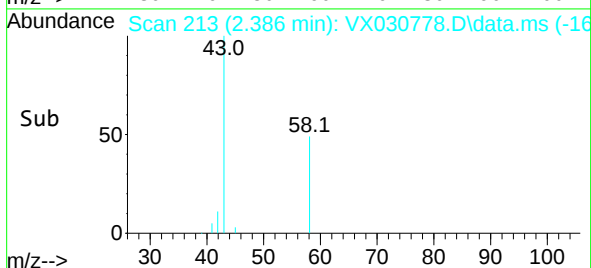
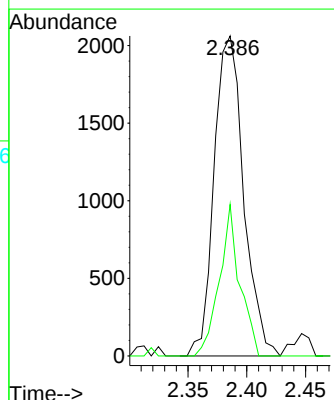
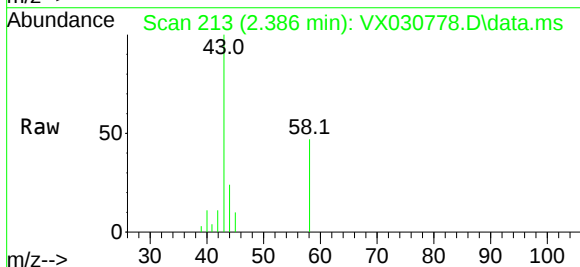
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

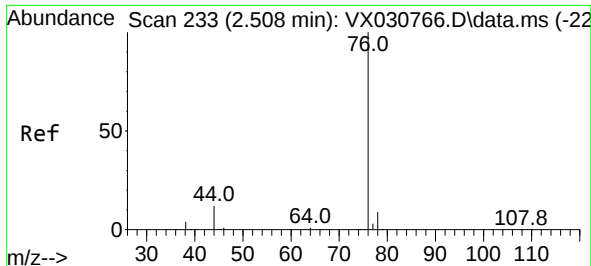
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 2.814 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
58 47.3 27.7 41.5#

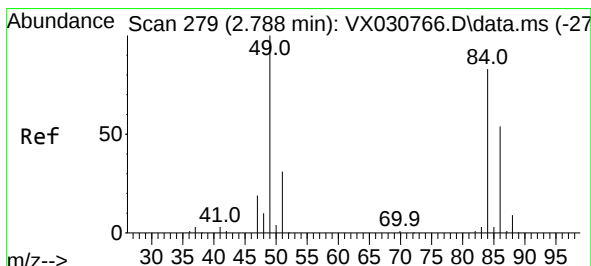
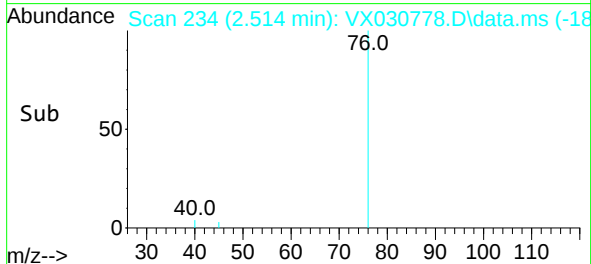
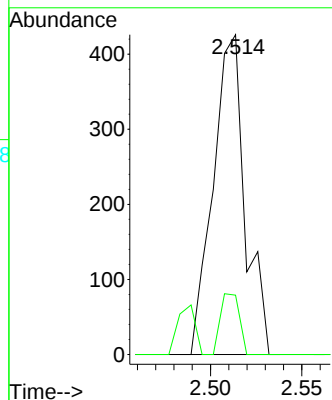
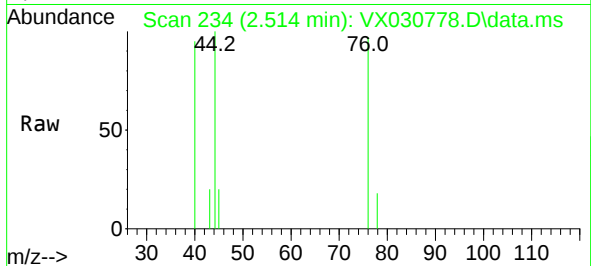




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

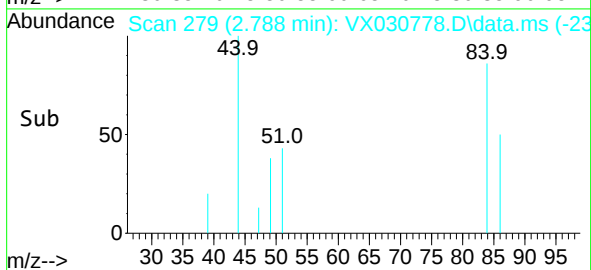
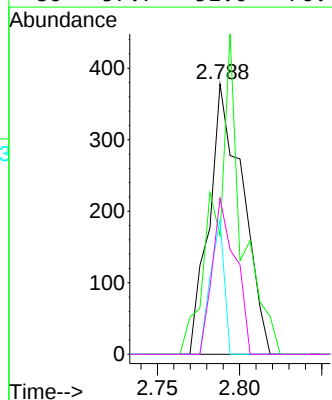
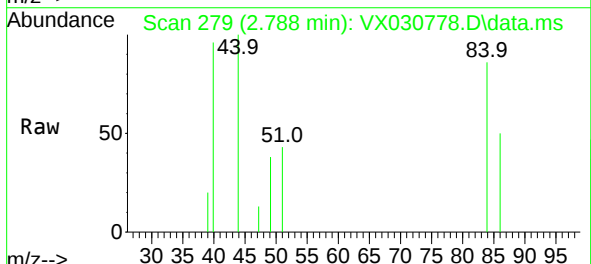
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

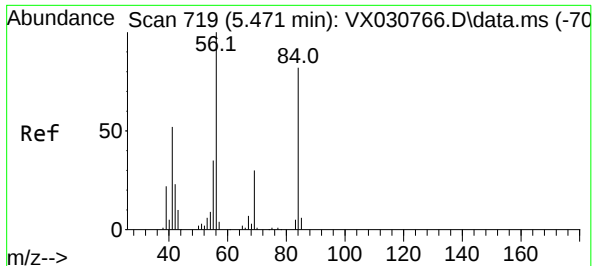
Tgt Ion: 76 Resp: 517
Ion Ratio Lower Upper
76 100
78 18.5 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 43.9 93.8 140.6#
51 49.7 29.4 44.0#
86 57.7 51.0 76.4

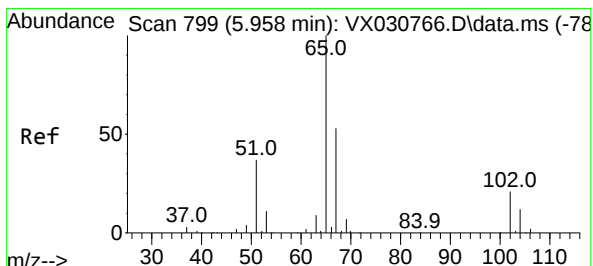
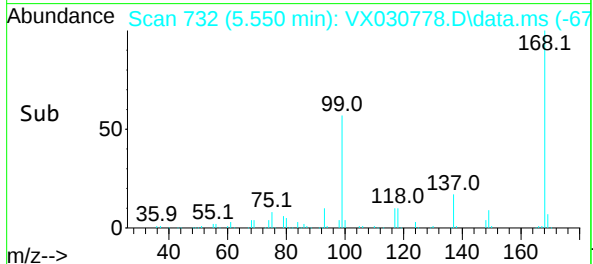
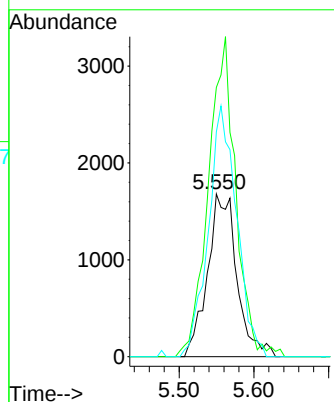
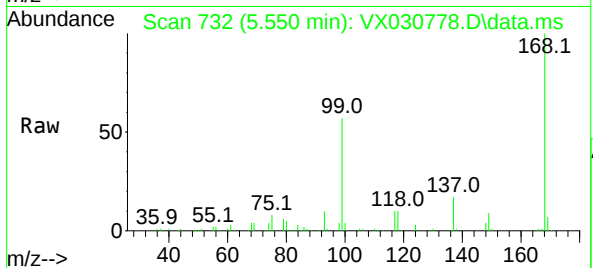




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

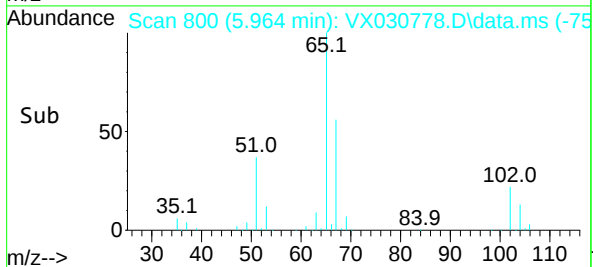
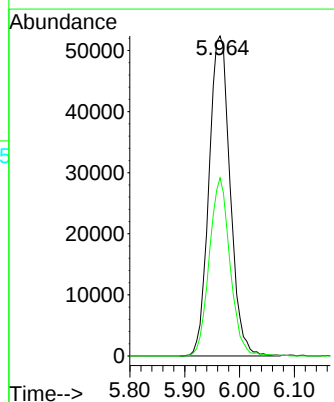
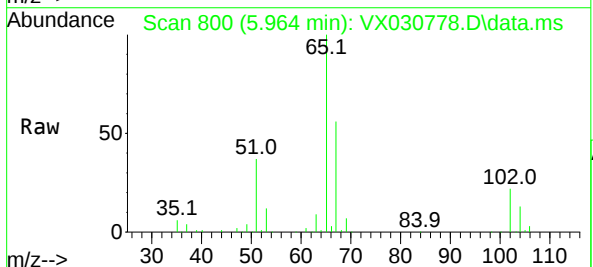
Instrument :
MSVOA_X
ClientSampleId :
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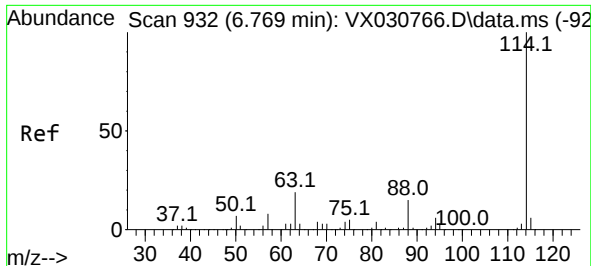
Tgt Ion: 56 Resp: 4583
Ion Ratio Lower Upper
56 100
69 162.0 25.4 38.0#
84 138.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.594 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 65 Resp: 140278
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

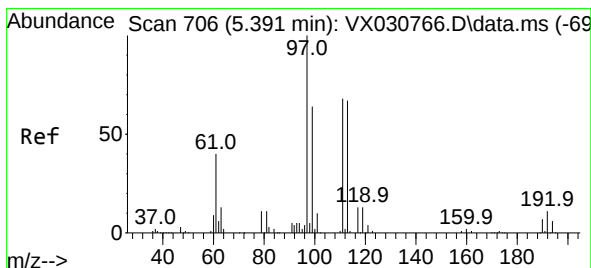
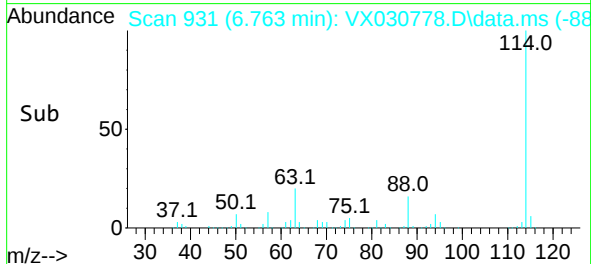
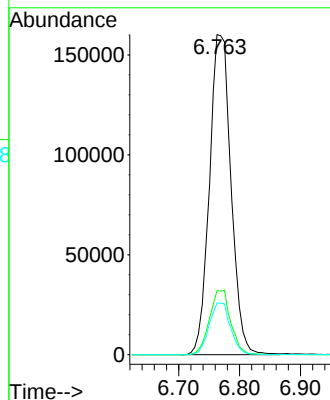
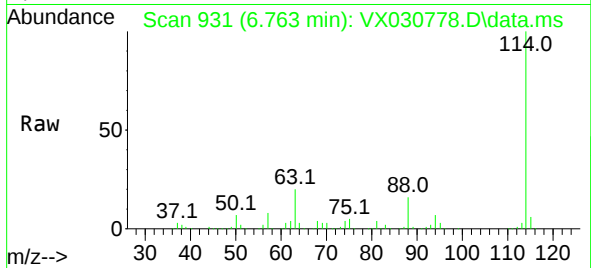




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

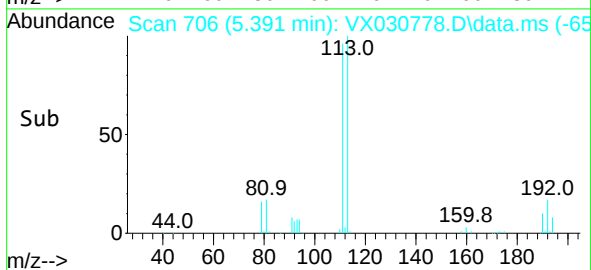
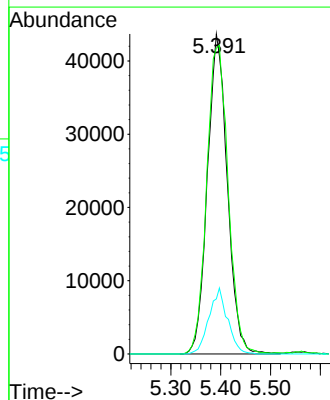
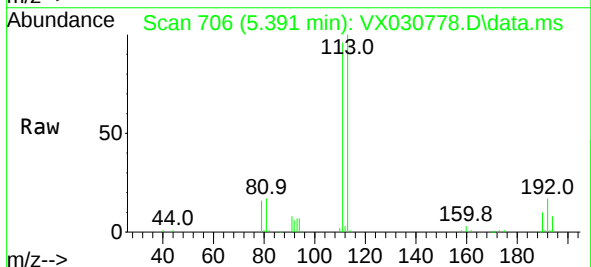
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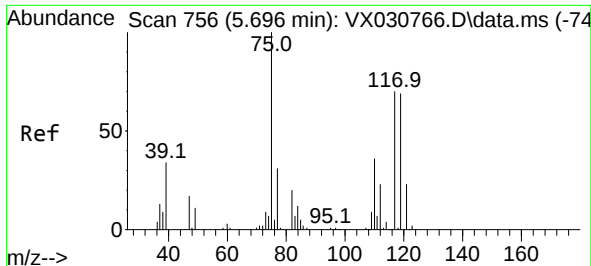
Tgt Ion:114 Resp: 394646
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.921 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion:113 Resp: 121080
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 19.2 14.8 22.2

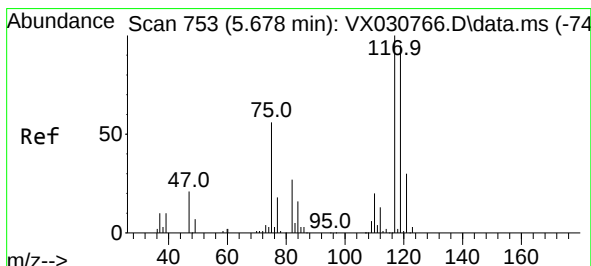
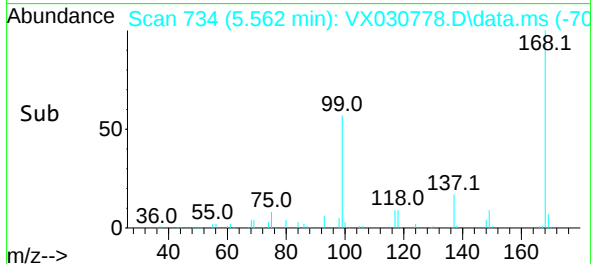
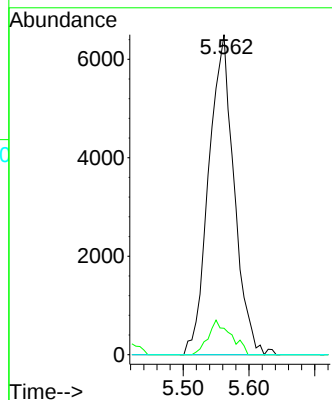
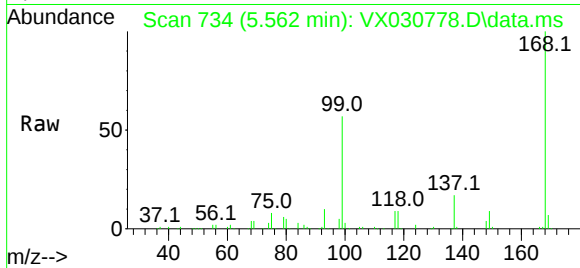




#36
1,1-Dichloropropene
Concen: 5.291 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

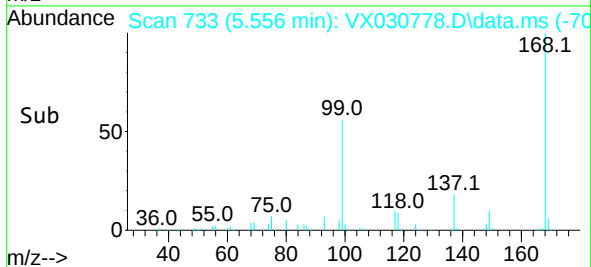
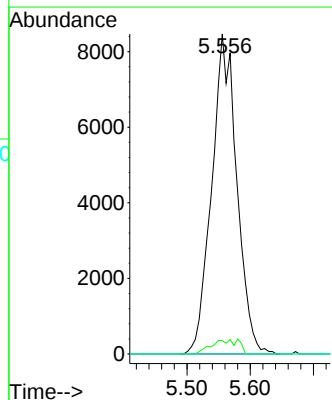
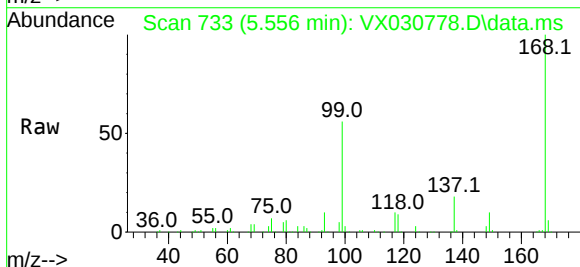
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

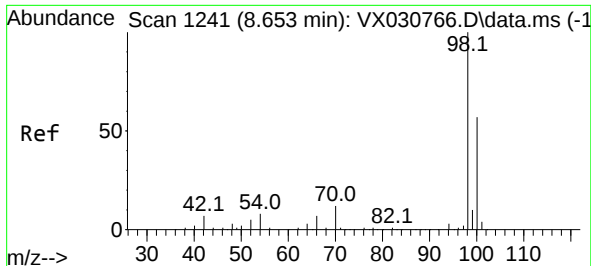
Tgt Ion: 75 Resp: 17475
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.693 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 117 Resp: 23316
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#

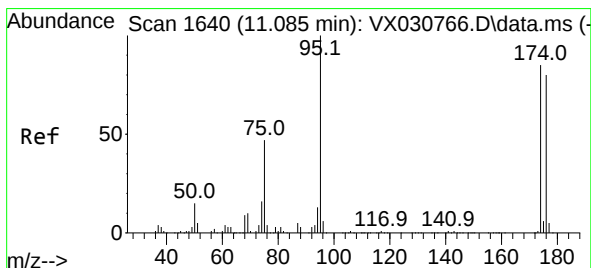
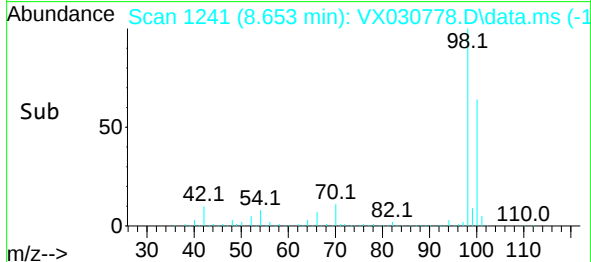
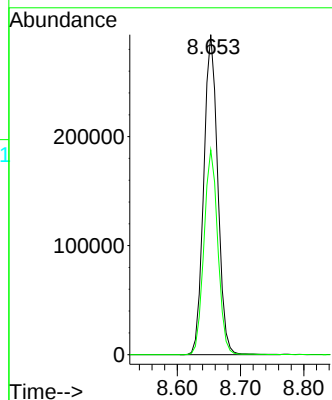
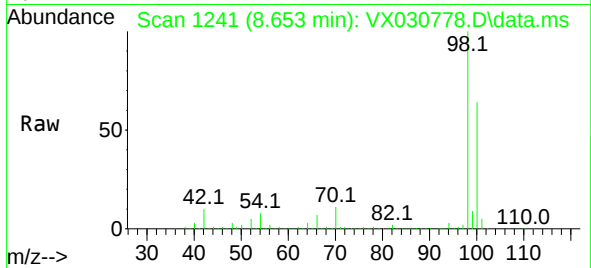




#50
Toluene-d8
Concen: 53.502 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

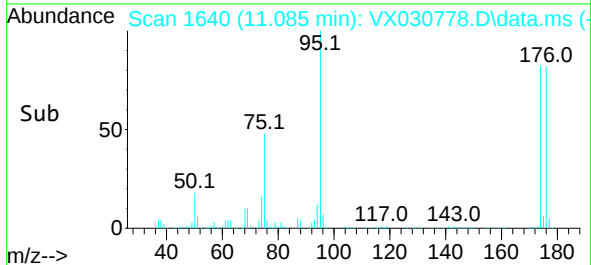
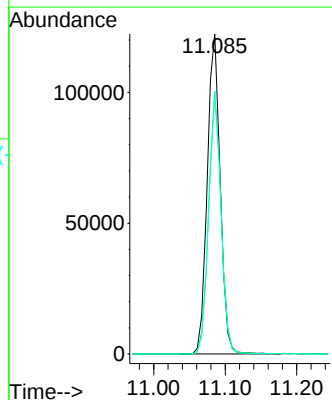
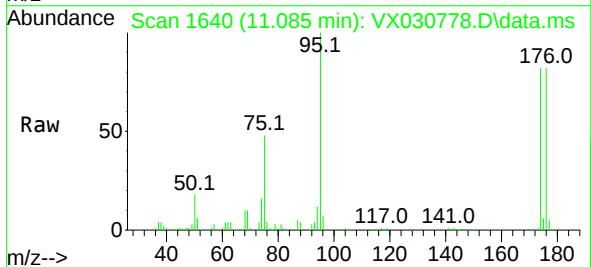
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

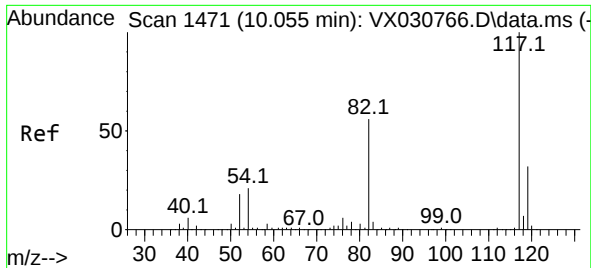
Tgt Ion: 98 Resp: 452190
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.907 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 95 Resp: 153892
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.0
176 77.8 0.0 146.0

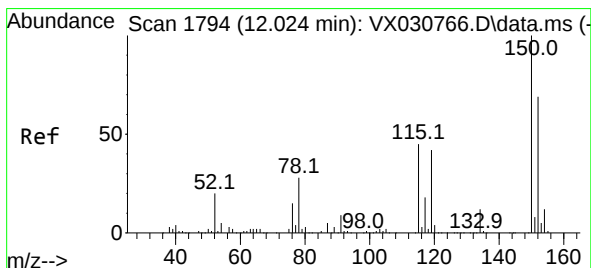
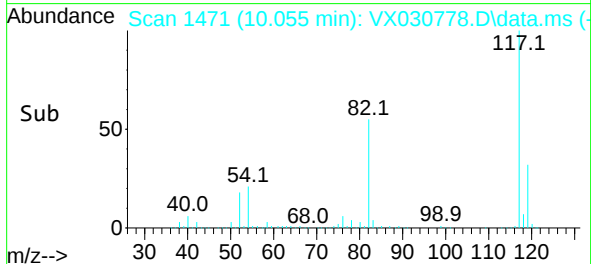
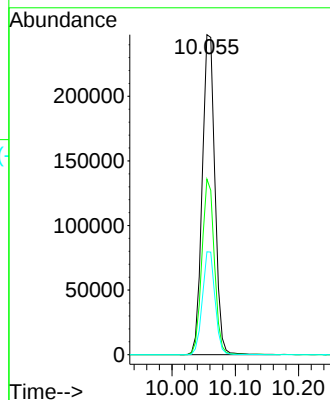
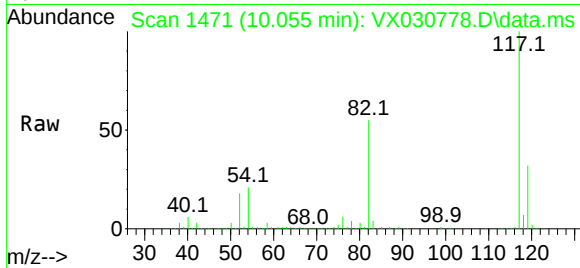




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

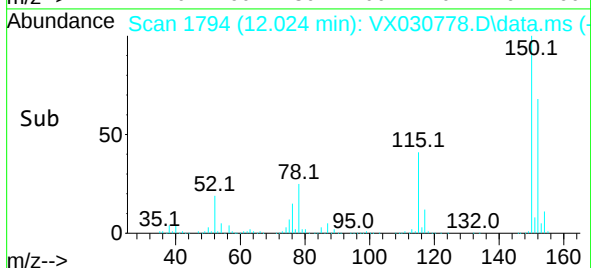
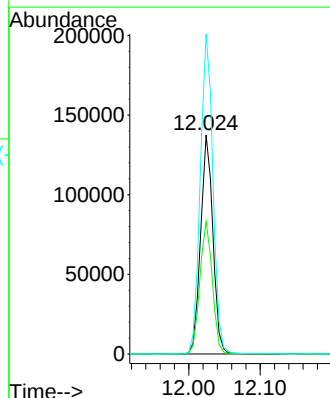
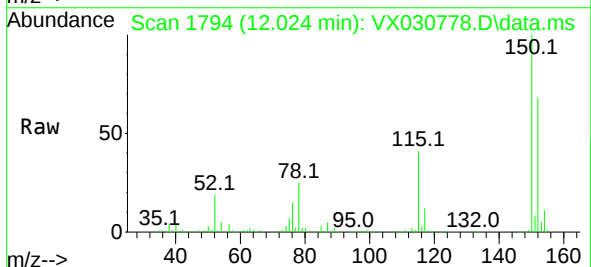
Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

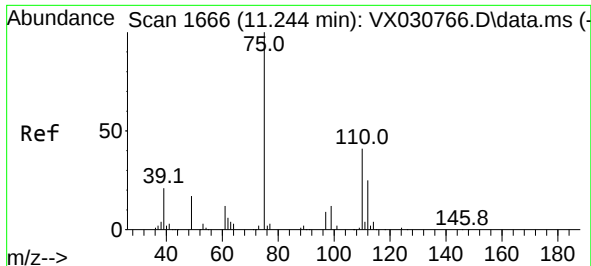
Tgt Ion:117 Resp: 345354
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion:152 Resp: 163993
Ion Ratio Lower Upper
152 100
115 61.2 40.5 121.5
150 150.1 0.0 347.0

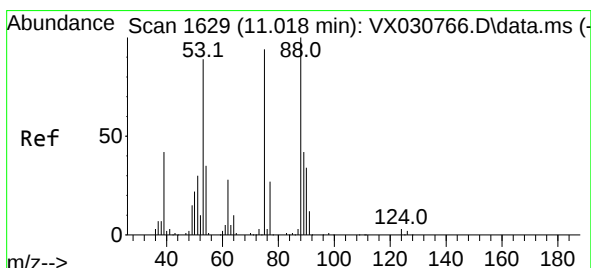
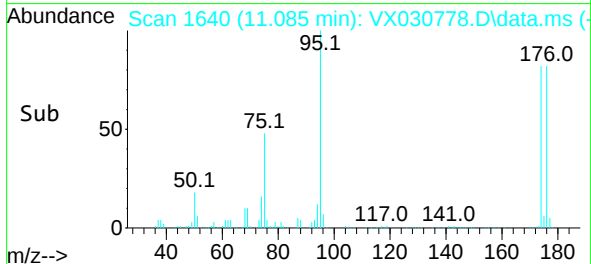
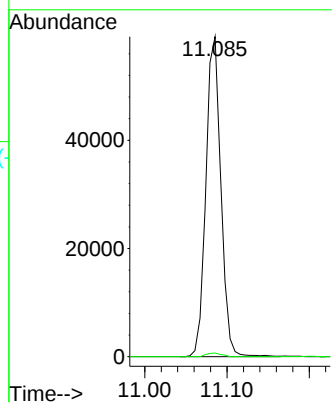
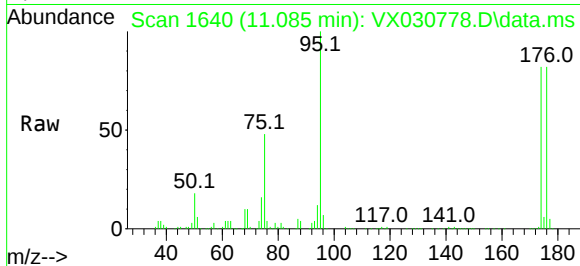




#76
1,2,3-Trichloropropane
Concen: 20.847 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
TT-RW9-20220815

Tgt Ion: 75 Resp: 74900
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.261 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030778.D
Acq: 25 Aug 2022 17:58

Tgt Ion: 75 Resp: 74900
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

