

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023934.D
 Acq On : 25 Aug 2021 13:33
 Operator : JC/MD
 Sample : M3525-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-8-11-2021

Quant Time: Aug 26 07:35:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

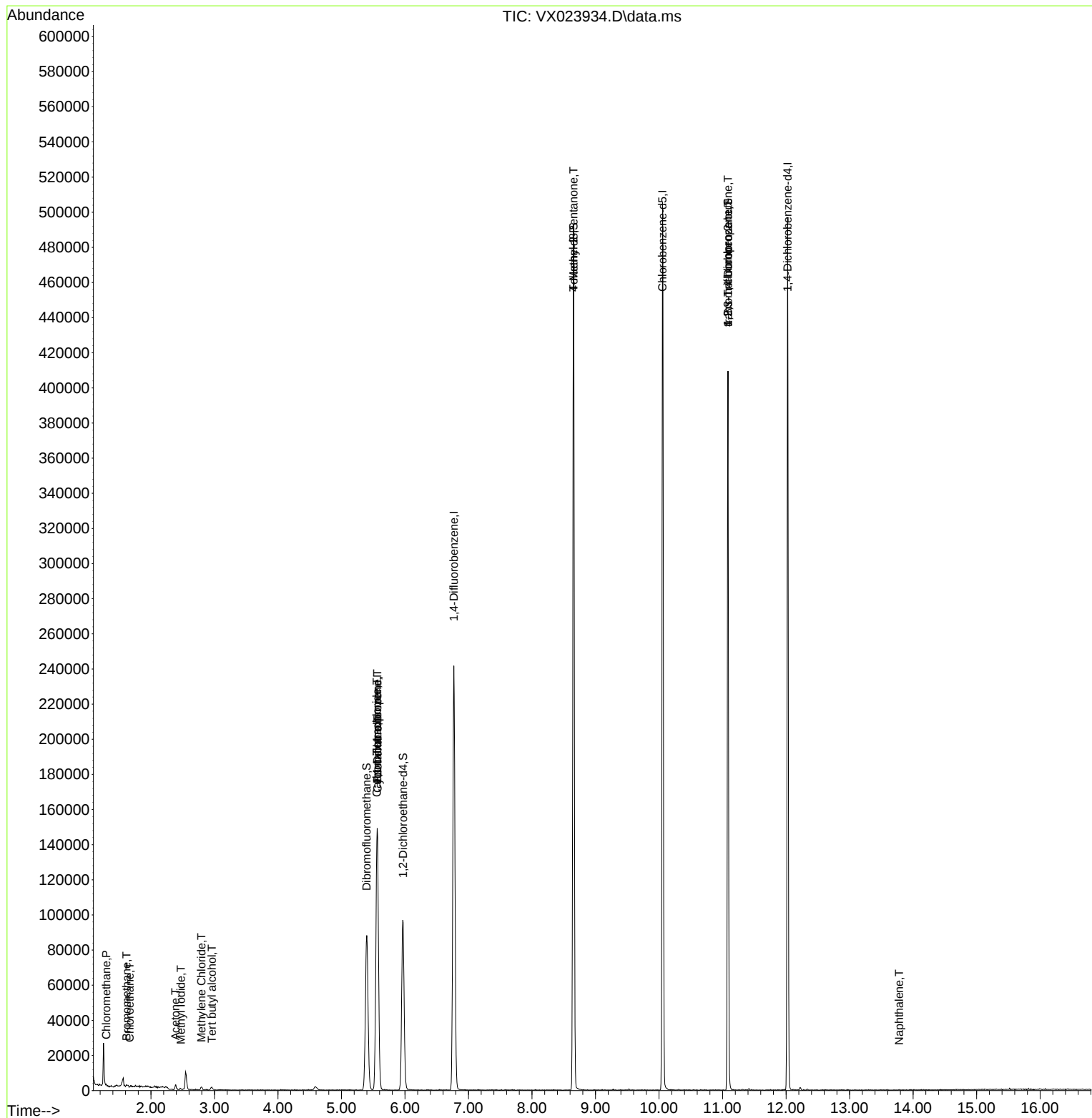
Internal Standards						
1) Pentafluorobenzene	5.562	168	140885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	97002	49.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.397	113	76534	48.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
50) Toluene-d8	8.653	98	278258	46.608	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.220%		
62) 4-Bromofluorobenzene	11.085	95	99665	45.348	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.700%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	400	0.245	ug/l #	87
5) Bromomethane	1.618	94	420	0.420	ug/l	92
6) Chloroethane	1.666	64	349	2.468	ug/l #	43
10) Methyl Iodide	2.471	142	869	0.441	ug/l #	79
11) Tert butyl alcohol	2.959	59	1096	2.756	ug/l #	73
16) Acetone	2.386	43	2774	3.155	ug/l	97
20) Methylene Chloride	2.794	84	728	0.433	ug/l #	78
31) Cyclohexane	5.568	56	3392	1.343	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11146	5.079	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14604	6.381	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1542	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53989	24.206	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53989	71.204	ug/l #	12
95) Naphthalene	13.780	128	176	1.307	ug/l #	69

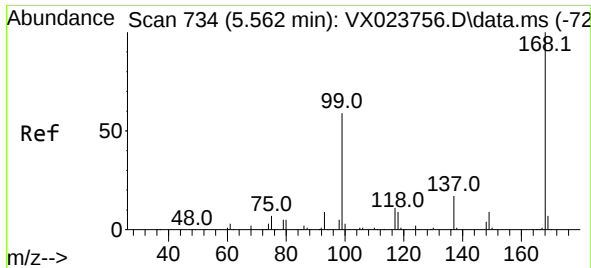
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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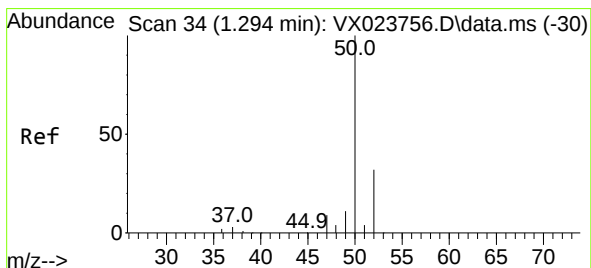
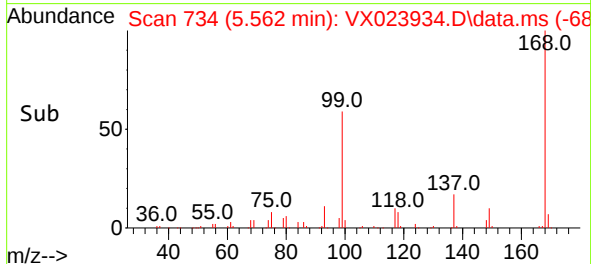
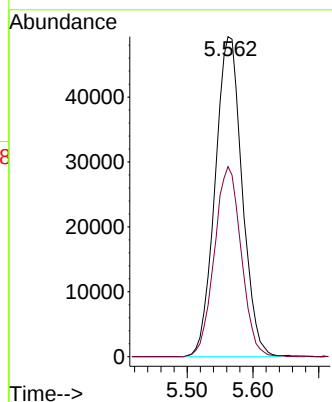
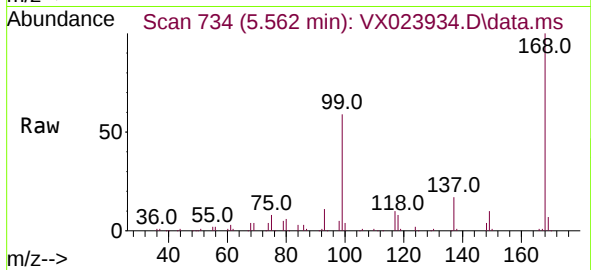




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

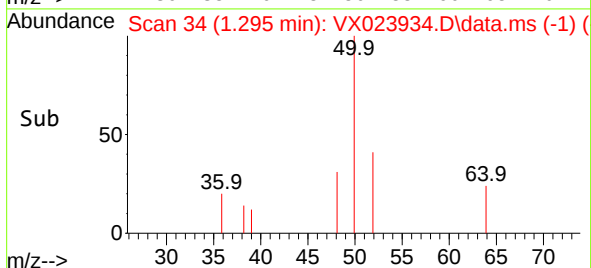
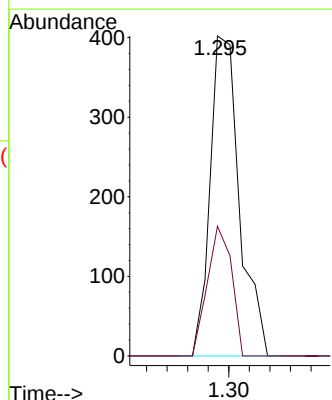
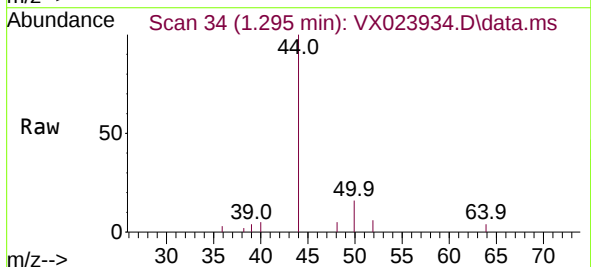
Instrument :
MSVOA_X
ClientSampleId :
TB-8-11-2021

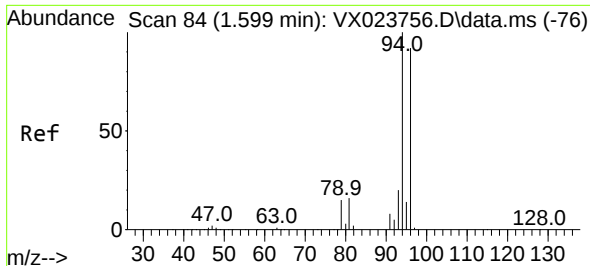
Tgt Ion:168 Resp: 140885
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 40.5 26.4 39.6#

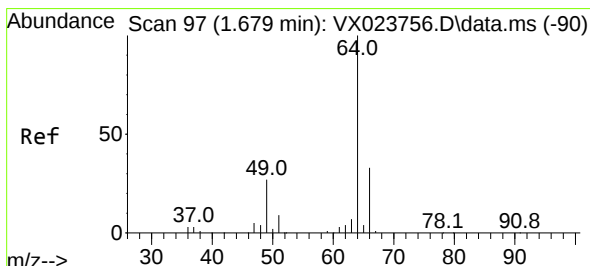
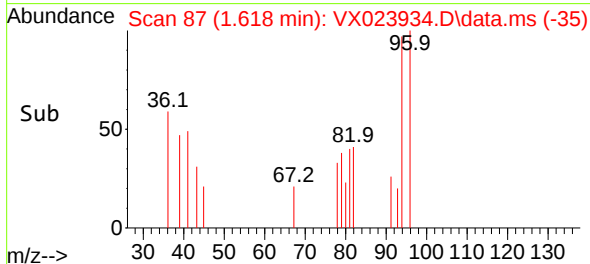
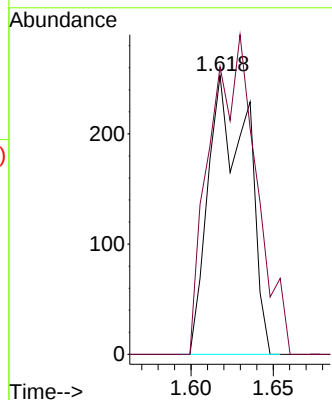
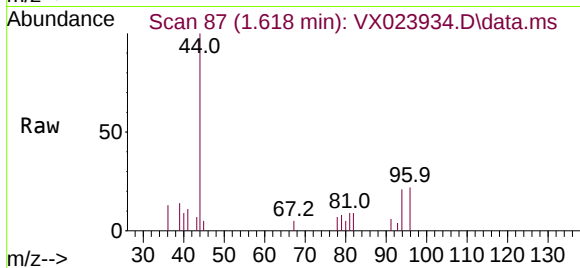




#5
Bromomethane
Concen: 0.420 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

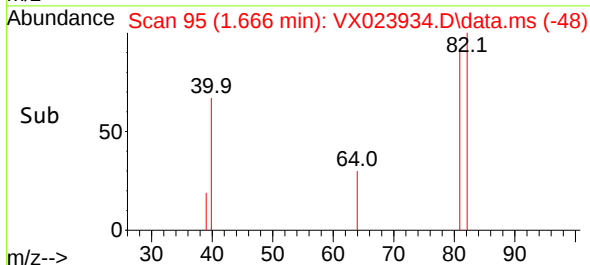
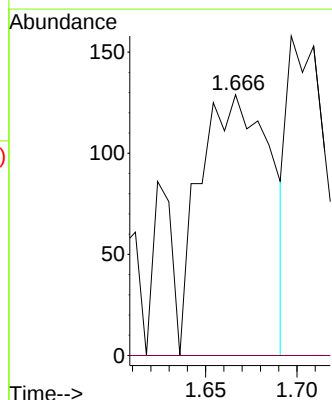
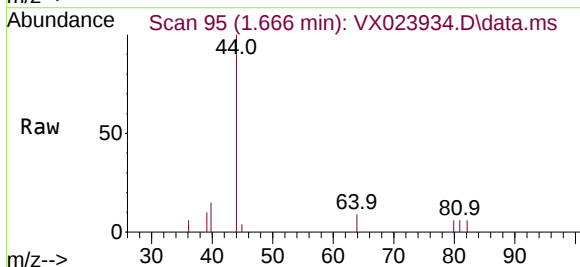
Instrument :
MSVOA_X
ClientSampled :
TB-8-11-2021

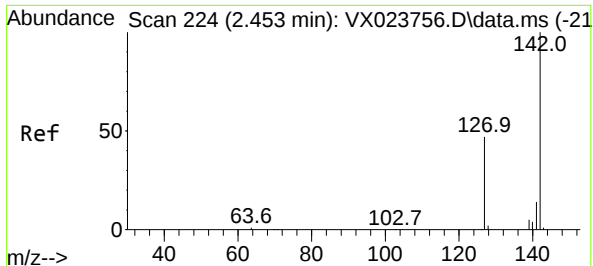
Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 103.2 76.4 114.6



#6
Chloroethane
Concen: 2.468 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

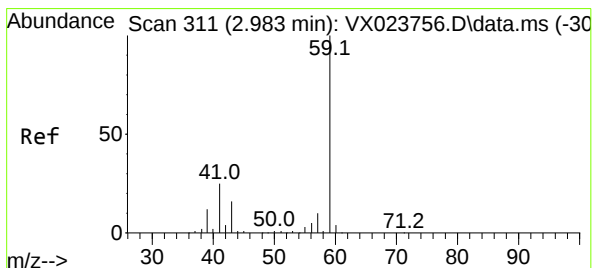
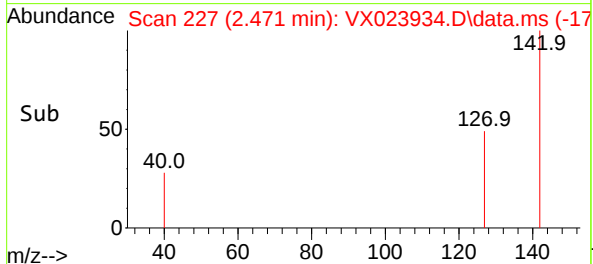
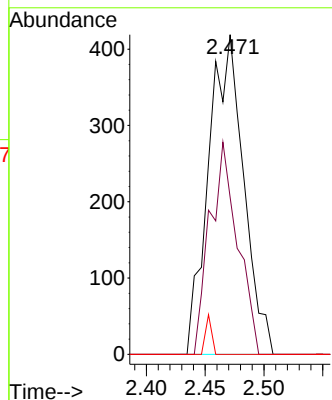
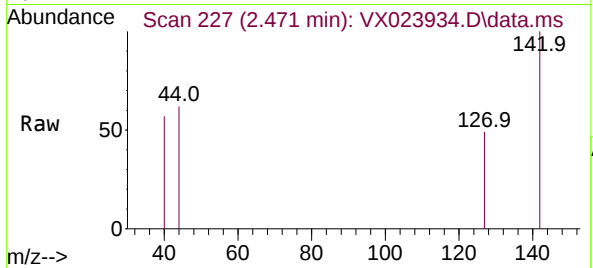




#10
Methyl Iodide
Concen: 0.441 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

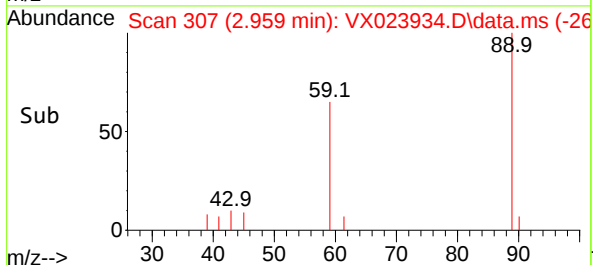
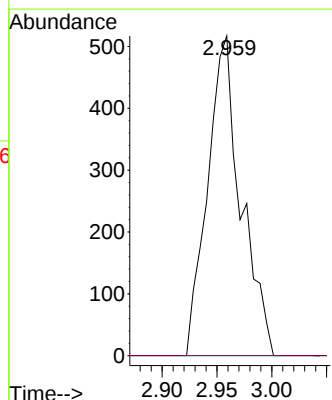
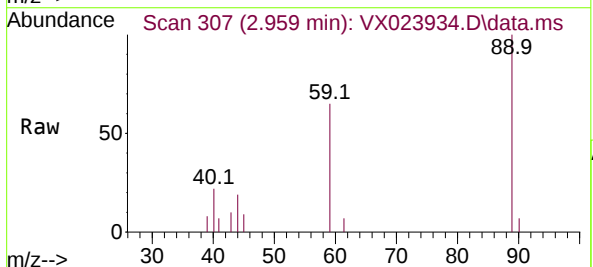
Instrument :
MSVOA_X
ClientSampleId :
TB-8-11-2021

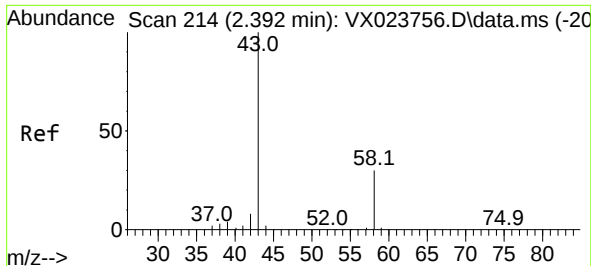
Tgt Ion:142 Resp: 869
Ion Ratio Lower Upper
142 100
127 52.7 33.3 49.9#
141 2.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.756 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 59 Resp: 1096
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

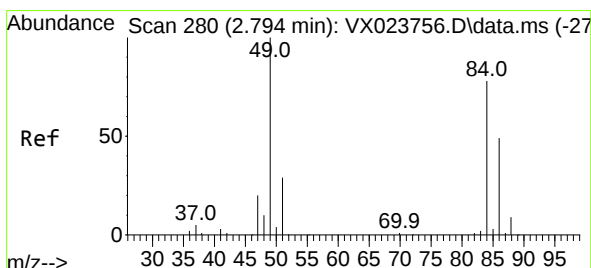
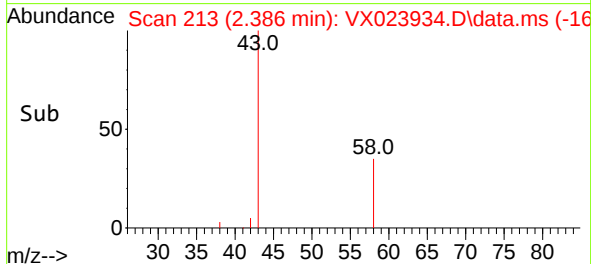
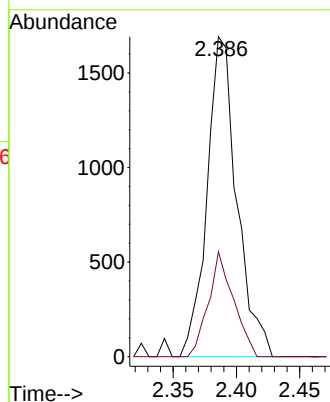
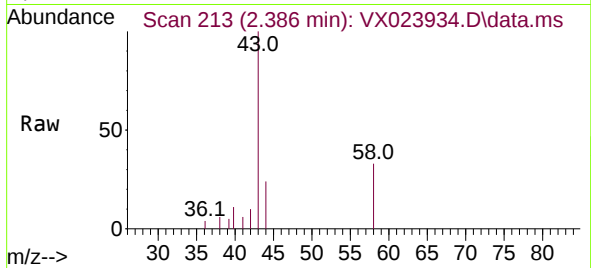




#16
Acetone
Concen: 3.155 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

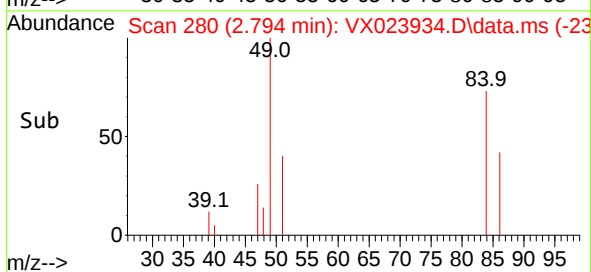
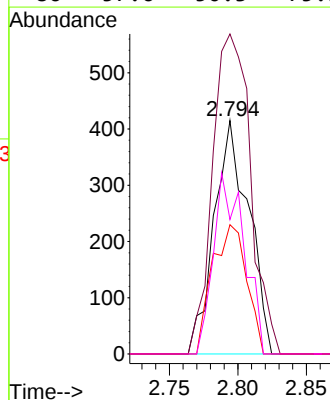
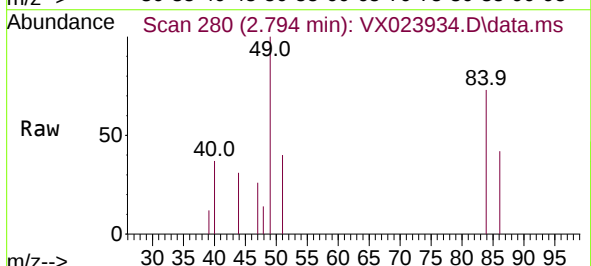
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ClientSampleId :
TB-8-11-2021

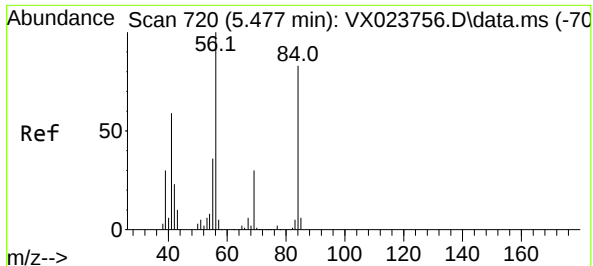
Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 84 Resp: 728
Ion Ratio Lower Upper
84 100
49 137.1 88.6 132.8#
51 55.4 27.0 40.6#
86 57.6 50.3 75.5

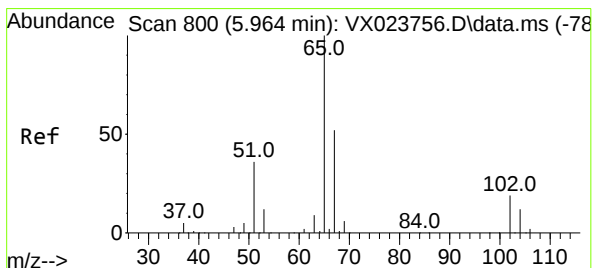
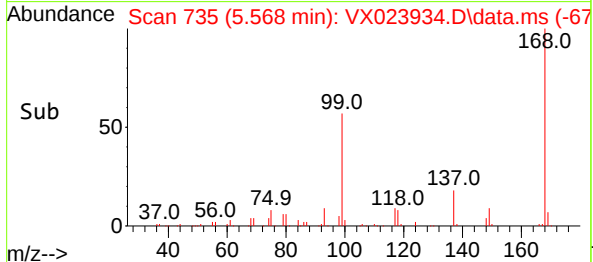
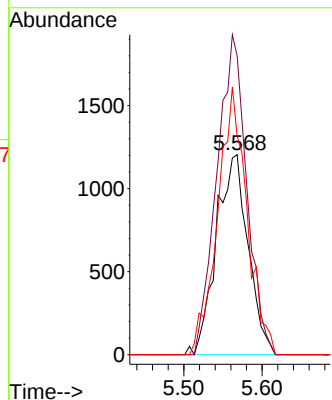
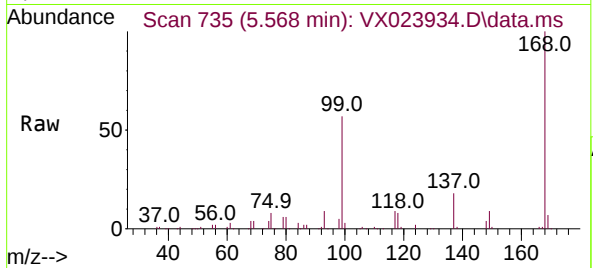




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

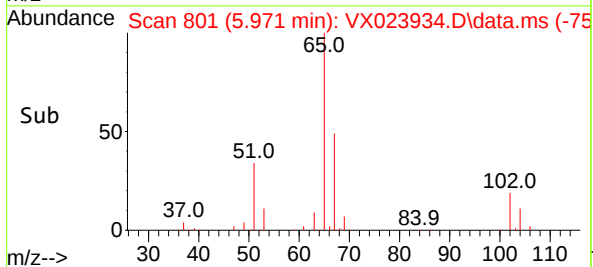
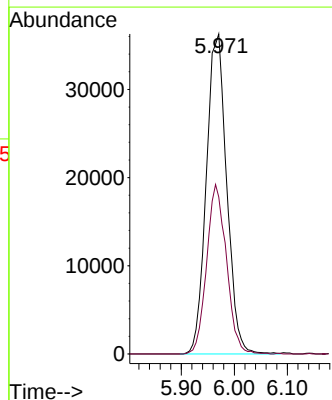
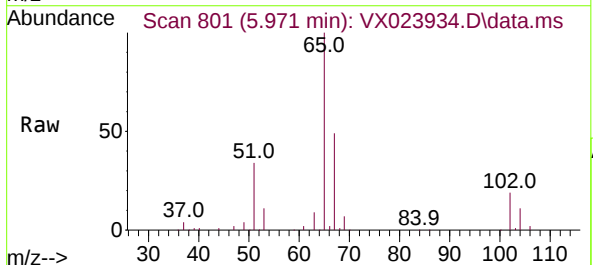
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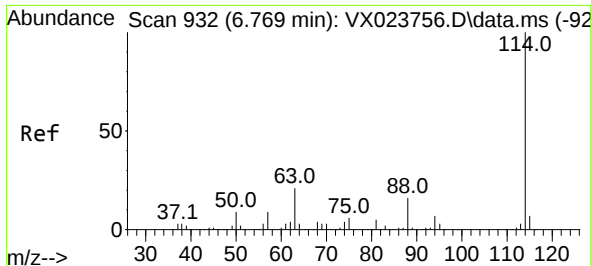
Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 149.4 25.3 37.9#
84 109.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.332 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 65 Resp: 97002
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

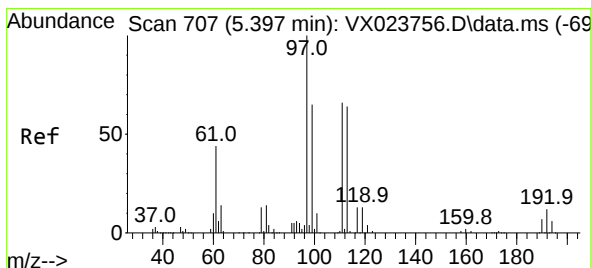
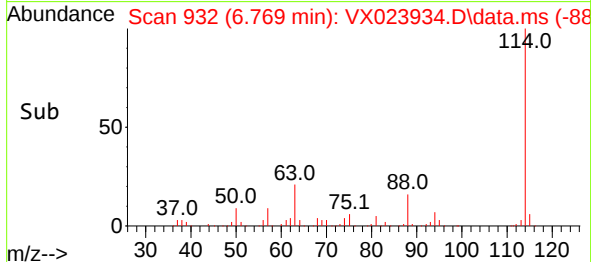
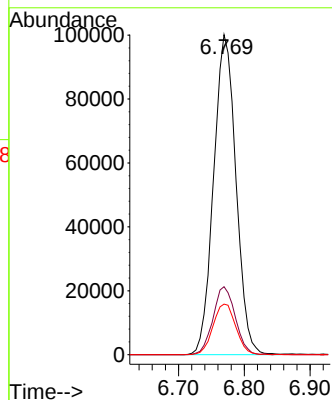
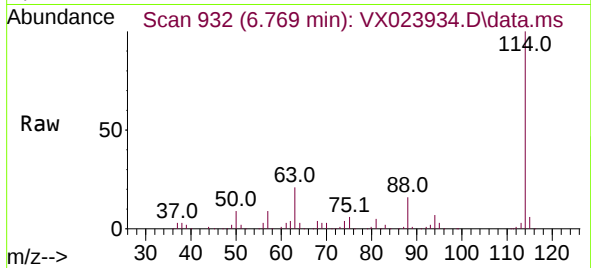




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

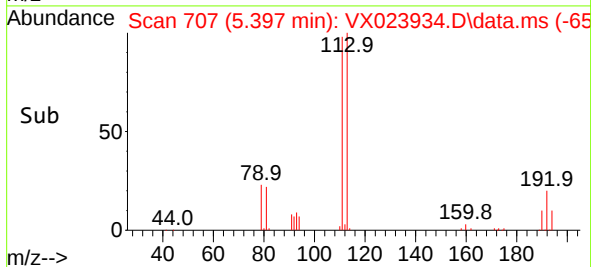
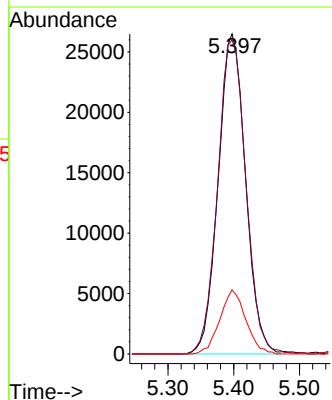
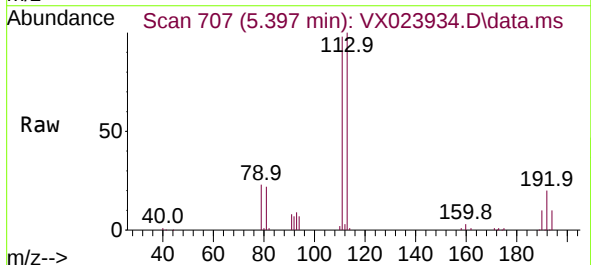
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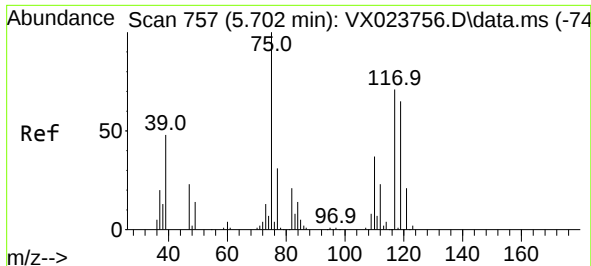
Tgt Ion:	114	Resp:	236993
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	15.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 48.791 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion:	113	Resp:	76534
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	19.1	16.7	25.1

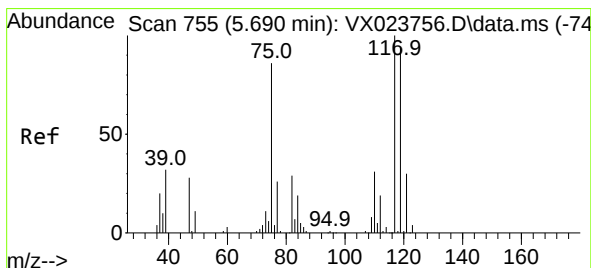
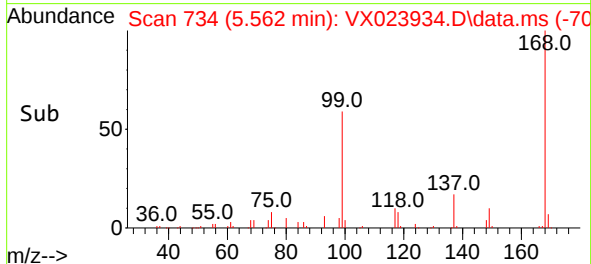
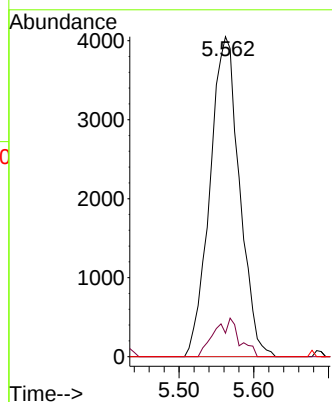
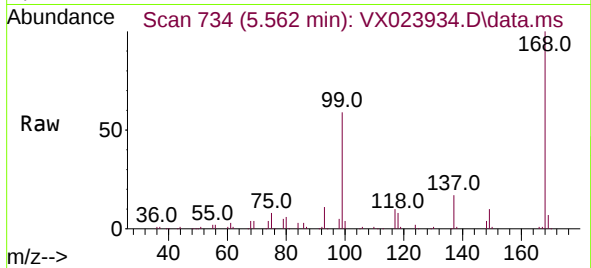




#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

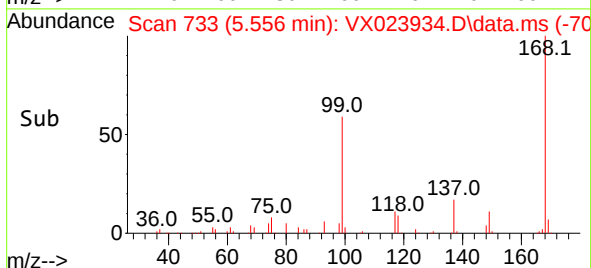
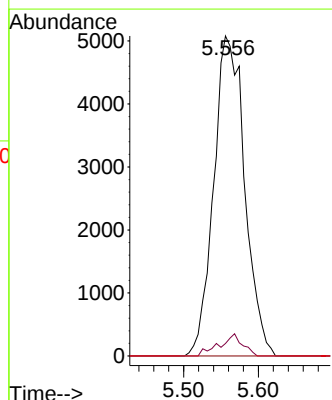
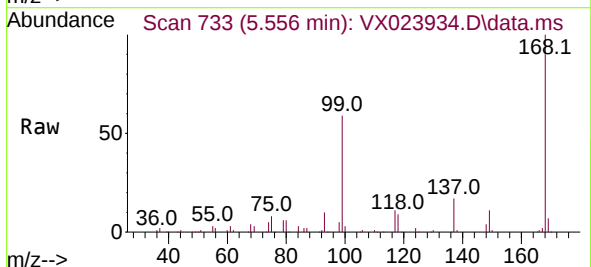
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TB-8-11-2021

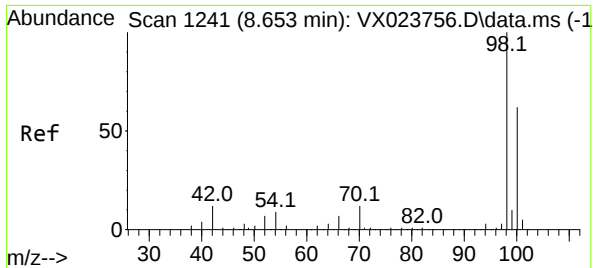
Tgt Ion: 75 Resp: 11146
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 117 Resp: 14604
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

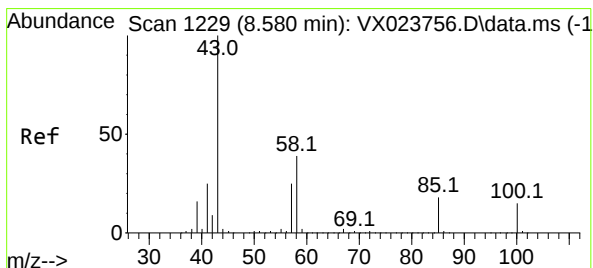
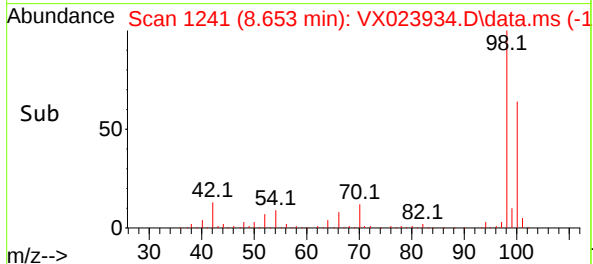
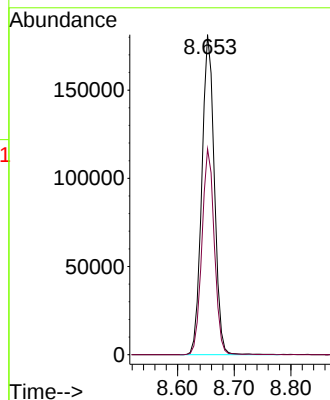
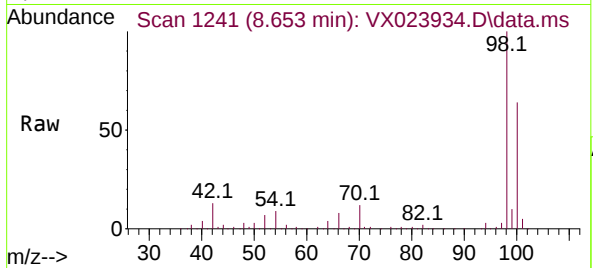




#50
Toluene-d8
Concen: 46.608 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

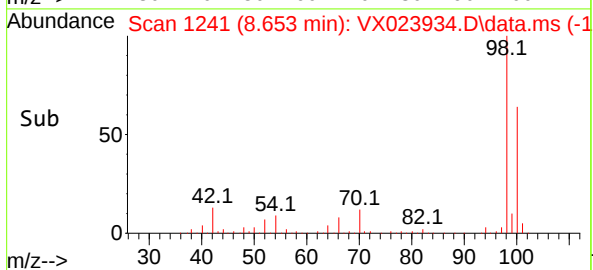
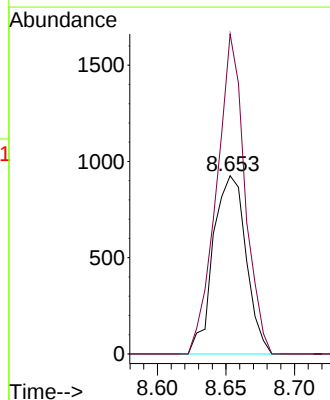
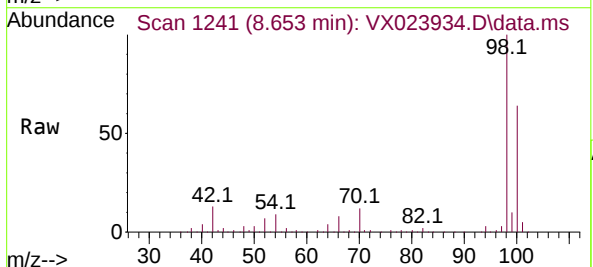
Instrument :
MSVOA_X
ClientSampleId :
TB-8-11-2021

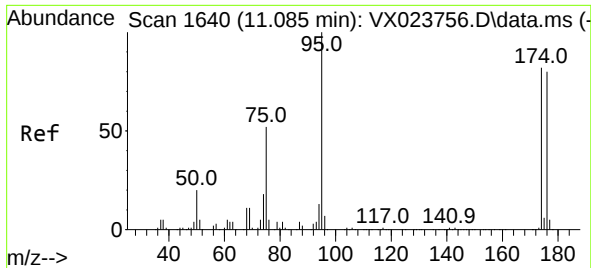
Tgt Ion: 98 Resp: 278258
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 154.9 35.4 53.0#

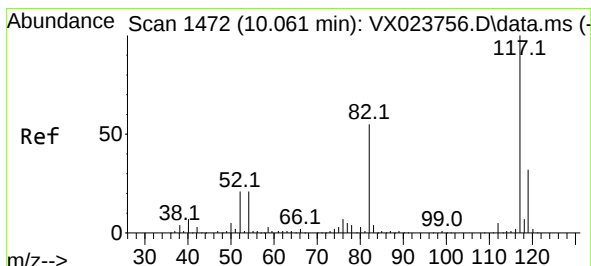
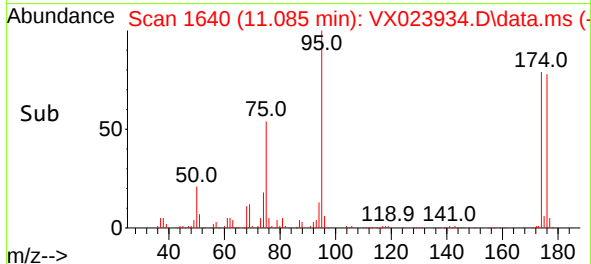
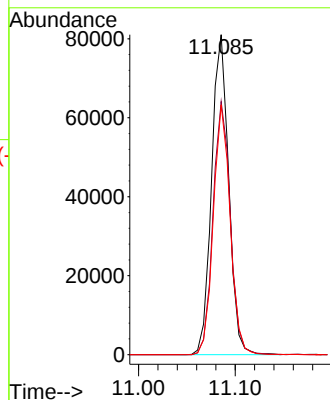
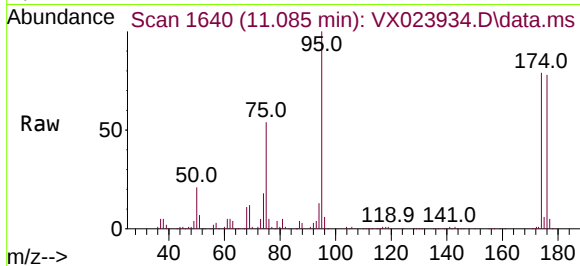




#62
4-Bromofluorobenzene
Concen: 45.348 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

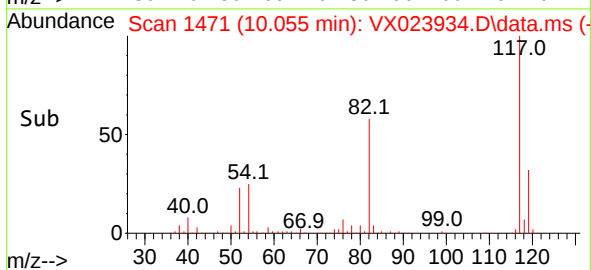
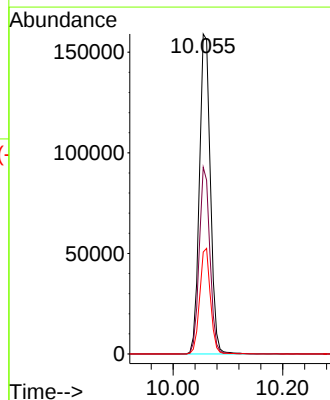
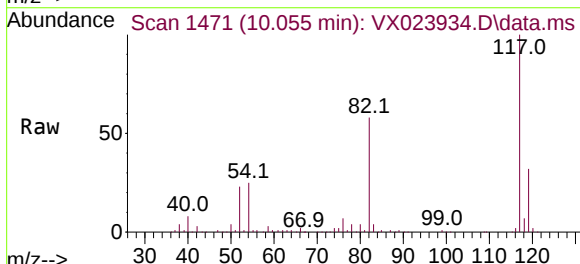
Instrument :
MSVOA_X
ClientSampleId :
TB-8-11-2021

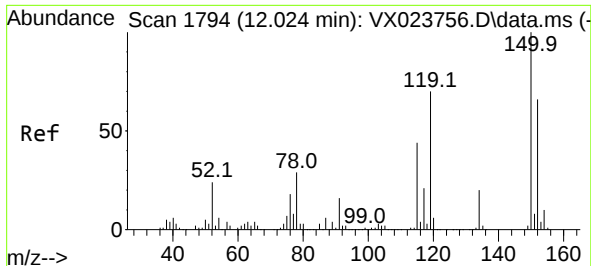
Tgt Ion:	95	Resp:	99665
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	154.6
176	76.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion:	117	Resp:	222385
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	31.9	26.6	39.8

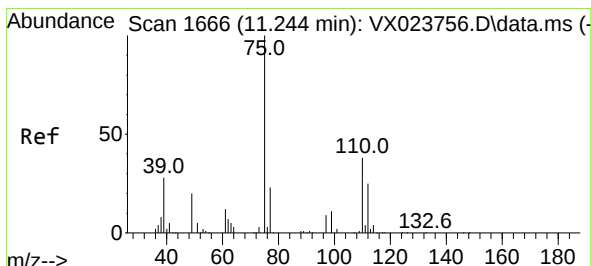
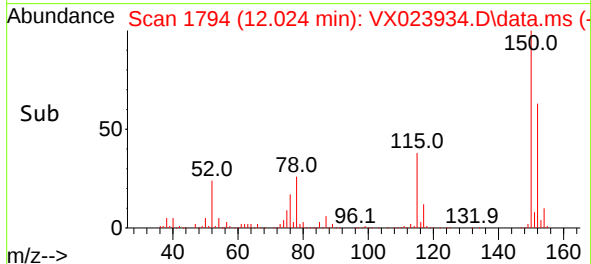
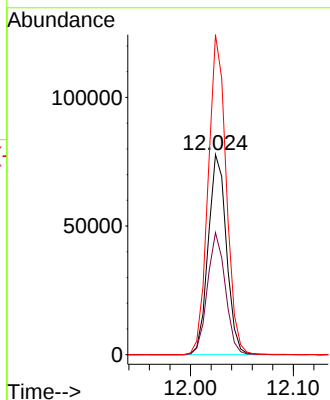
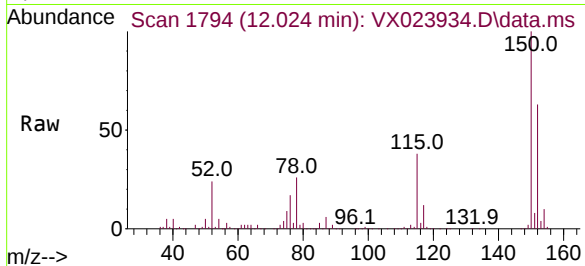




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

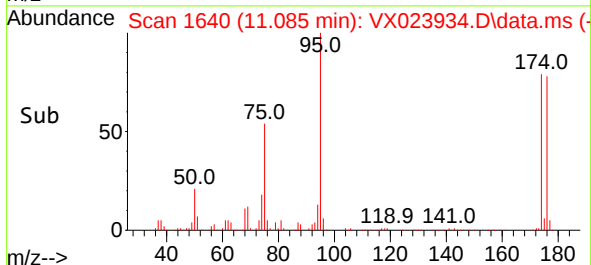
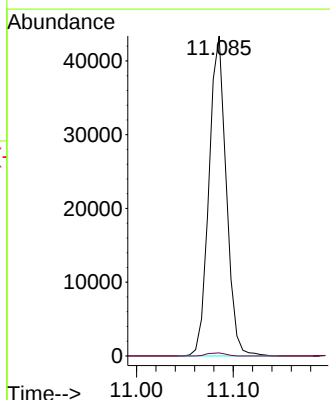
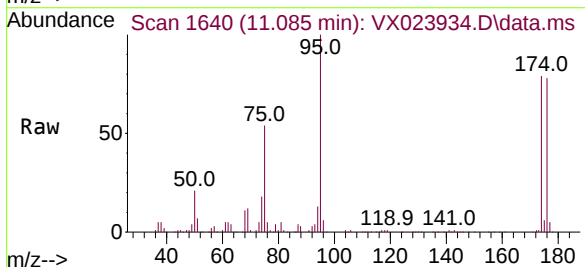
Instrument :
MSVOA_X
ClientSampled :
TB-8-11-2021

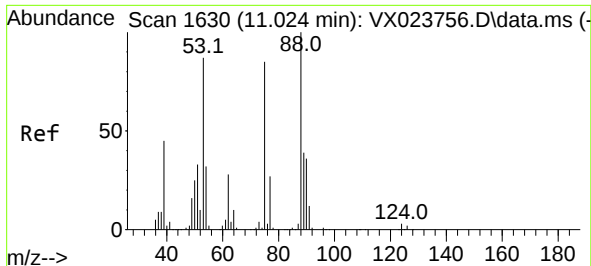
Tgt Ion:152 Resp: 95611
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.206 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 75 Resp: 53989
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

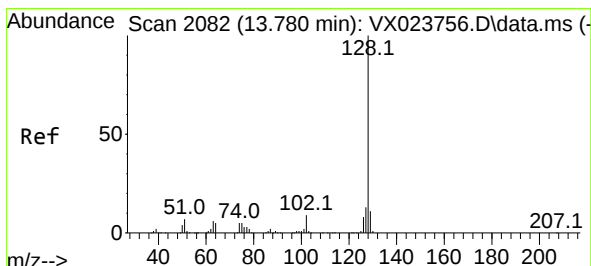
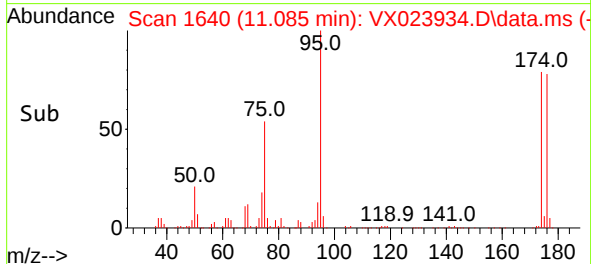
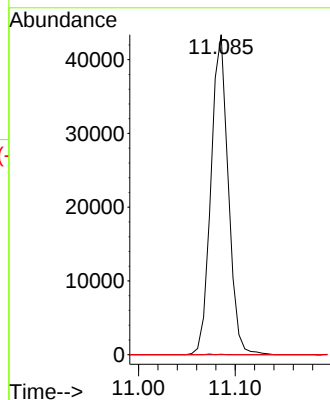
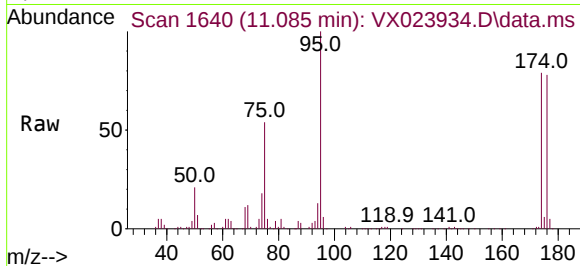




#81
trans-1,4-Dichloro-2-butene
Concen: 71.204 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Instrument :
MSVOA_X
ClientSampled :
TB-8-11-2021

Tgt Ion: 75 Resp: 53989
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.307 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023934.D
Acq: 25 Aug 2021 13:33

Tgt Ion: 128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

