

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023994.D
 Acq On : 27 Aug 2021 15:56
 Operator : JC/MD
 Sample : M3561-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUPLICATE-082521

Quant Time: Aug 28 04:57:38 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)

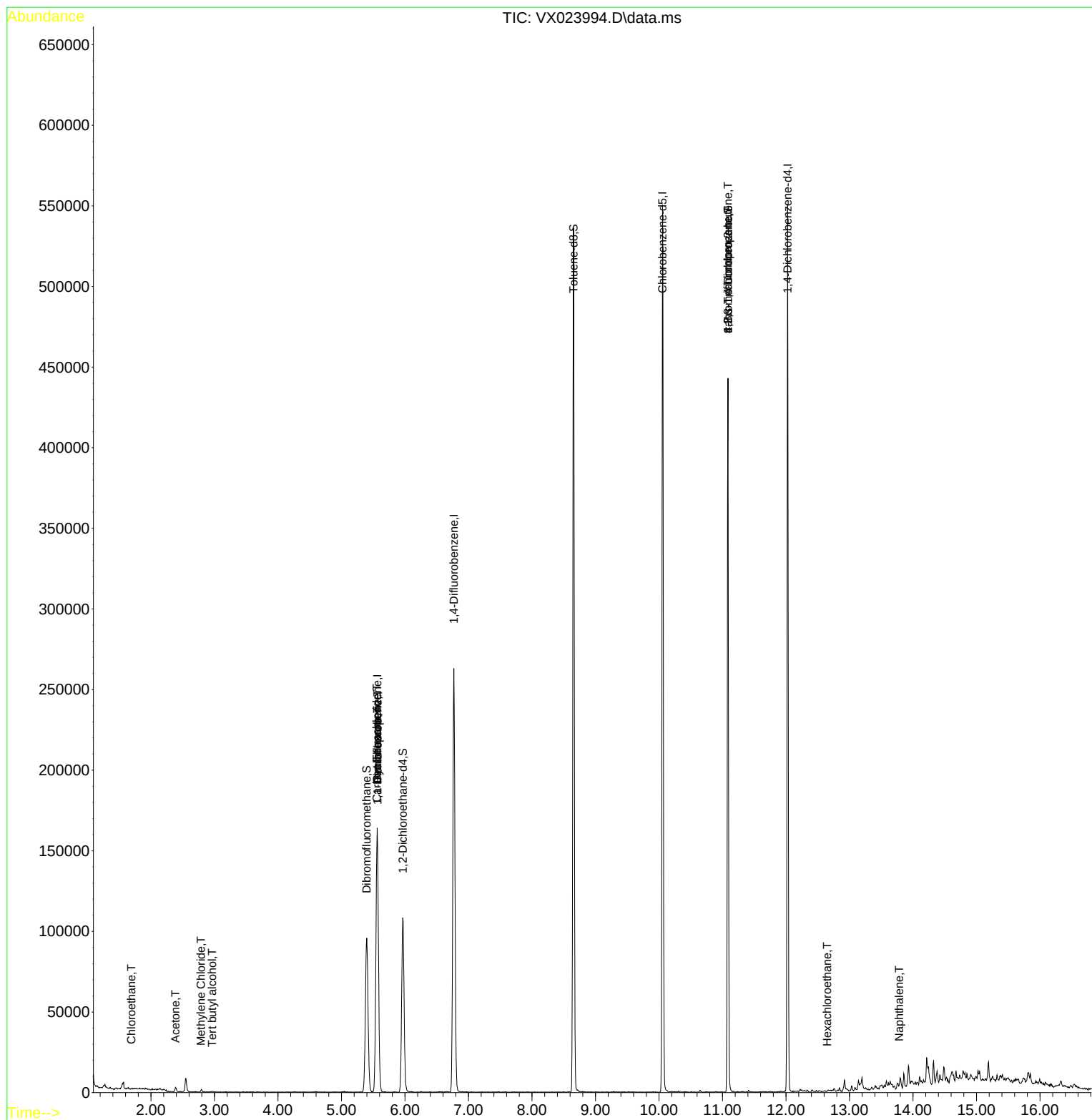
Internal Standards						
1) Pentafluorobenzene	5.562	168	148038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107762	52.156	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	104.320%	
35) Dibromofluoromethane	5.397	113	81795	48.528	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.060%	
50) Toluene-d8	8.653	98	298353	46.507	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.020%	
62) 4-Bromofluorobenzene	11.085	95	106538	45.112	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.220%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	418	2.503	ug/l #	43
11) Tert butyl alcohol	2.965	59	443	1.060	ug/l #	73
16) Acetone	2.386	43	2846	3.081	ug/l	98
20) Methylene Chloride	2.788	84	495	0.281	ug/l #	80
31) Cyclohexane	5.562	56	3491	1.315	ug/l #	25
36) 1,1-Dichloropropene	5.568	75	11937	5.062	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15586	6.338	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	59327	24.722	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59327	72.720	ug/l #	12
90) Hexachloroethane	12.646	117	57	1.515	ug/l #	9
95) Naphthalene	13.780	128	499	1.347	ug/l #	69

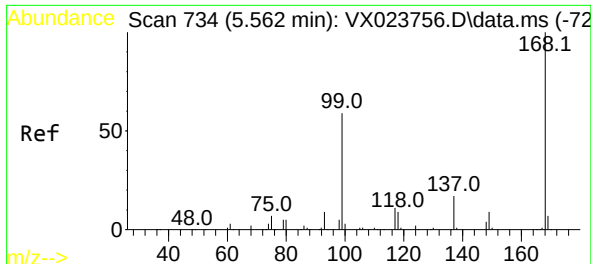
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

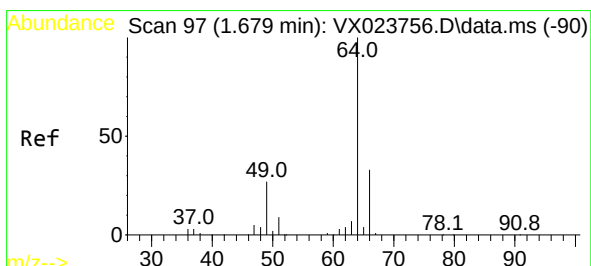
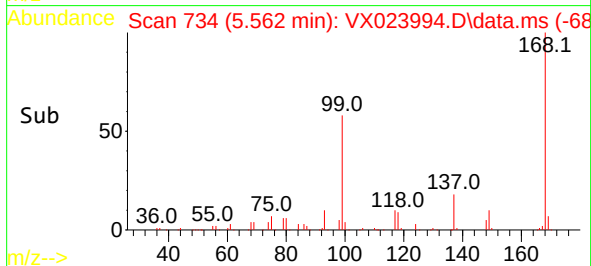
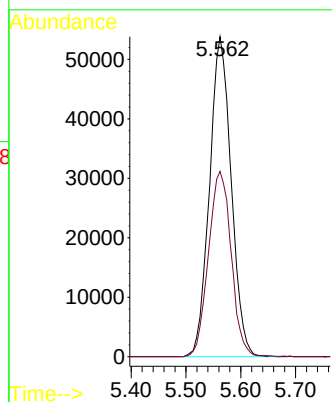
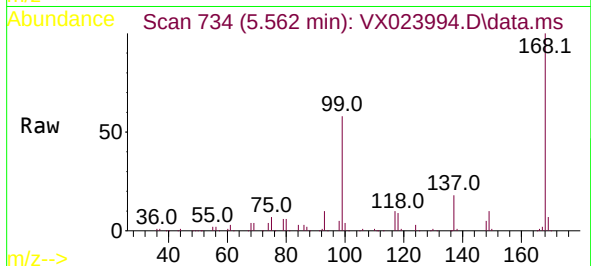




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

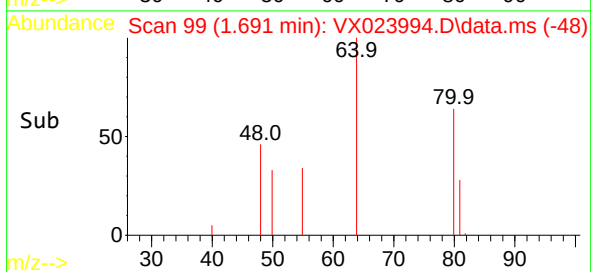
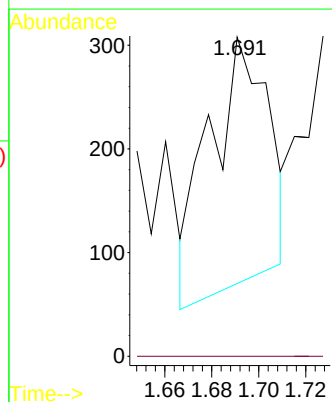
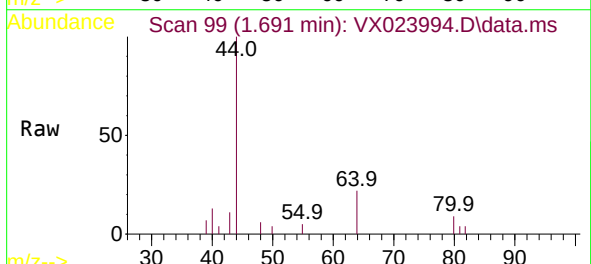
Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521

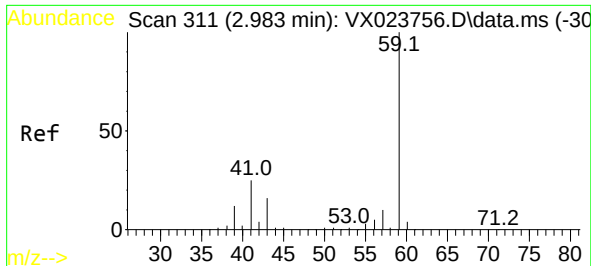
Tgt Ion:168 Resp: 148038
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#6
Chloroethane
Concen: 2.503 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion: 64 Resp: 418
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



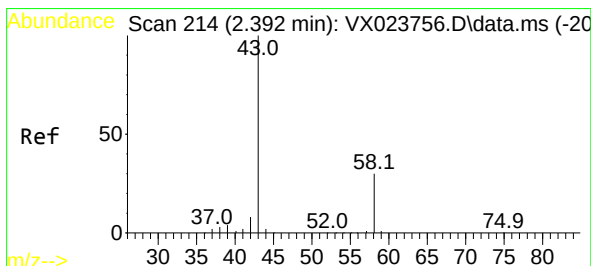
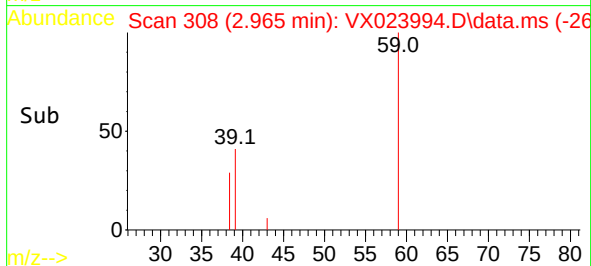
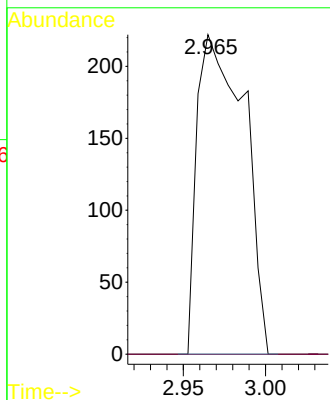
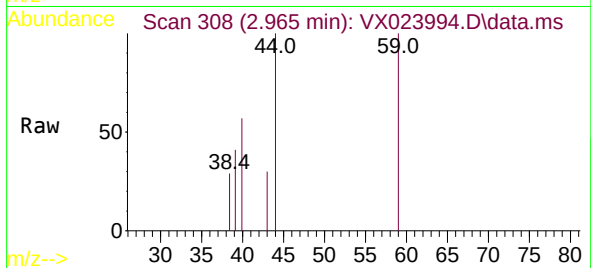


#11

Tert butyl alcohol
Concen: 1.060 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521

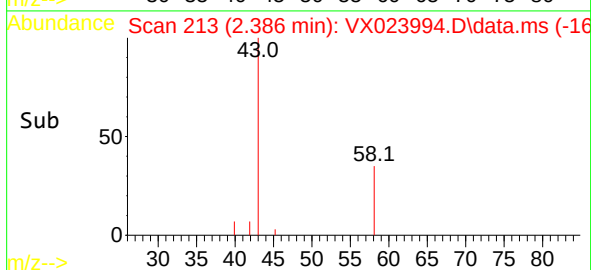
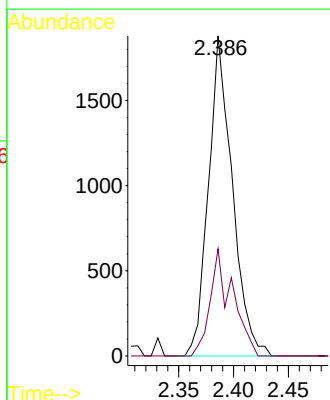
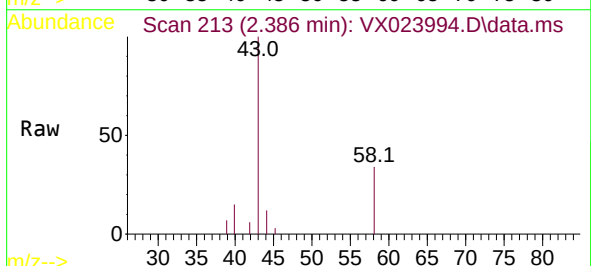
Tgt Ion: 59 Resp: 443
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

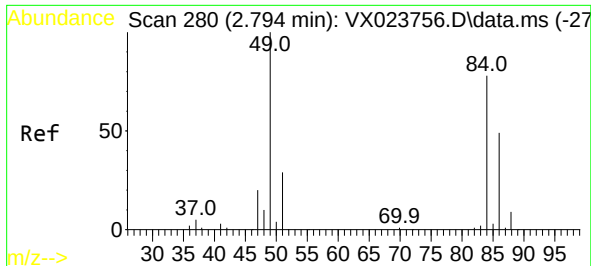


#16

Acetone
Concen: 3.081 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8

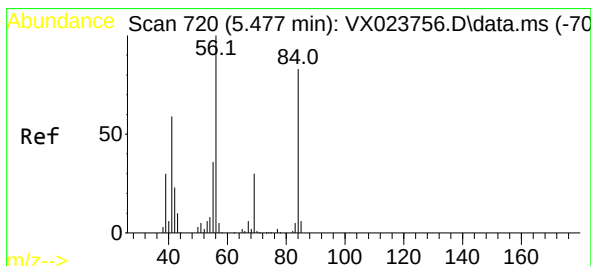
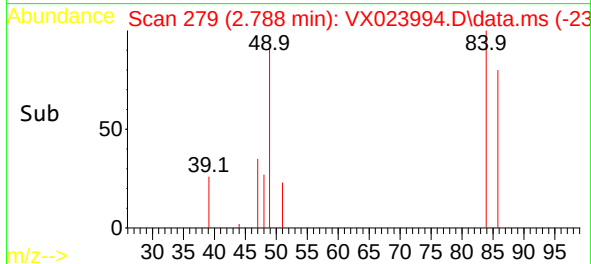
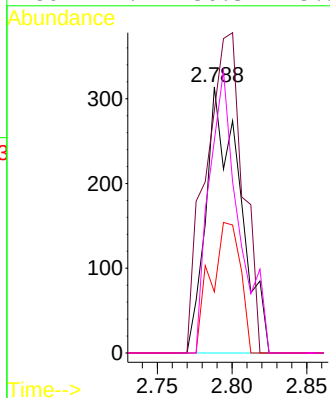
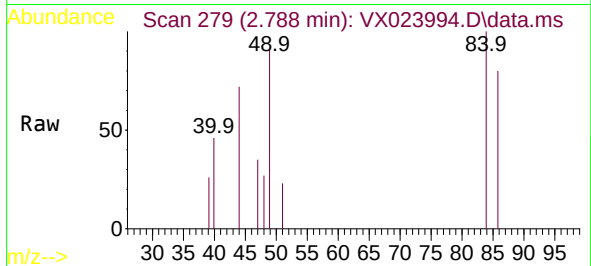




#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

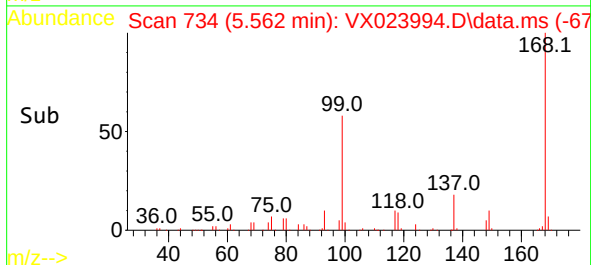
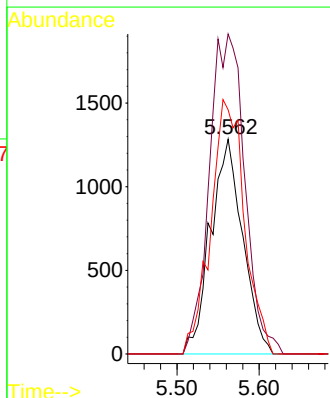
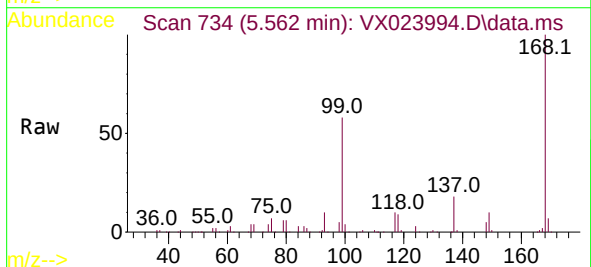
Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521

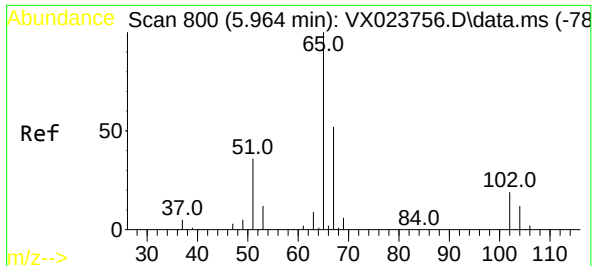
Tgt Ion:	84	Resp:	495
Ion	Ratio	Lower	Upper
84	100		
49	91.1	88.6	132.8
51	22.9	27.0	40.6#
86	79.9	50.3	75.5#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion:	56	Resp:	3491
Ion	Ratio	Lower	Upper
56	100		
69	149.0	25.3	37.9#
84	113.7	71.4	107.0#



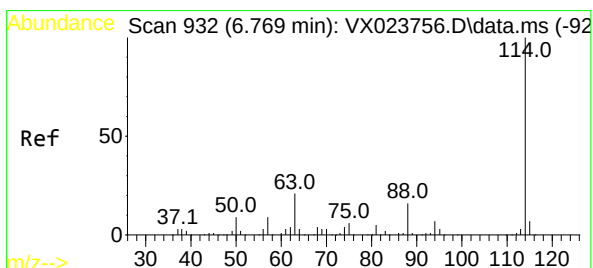
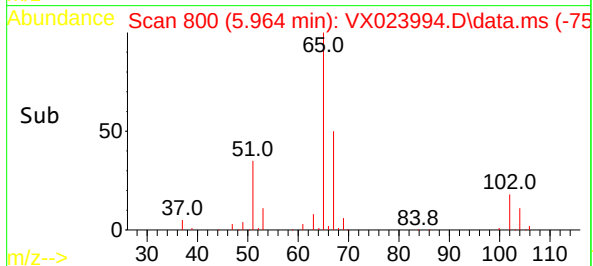
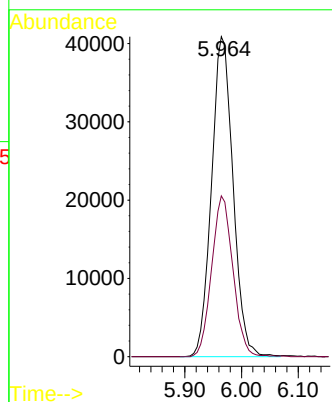
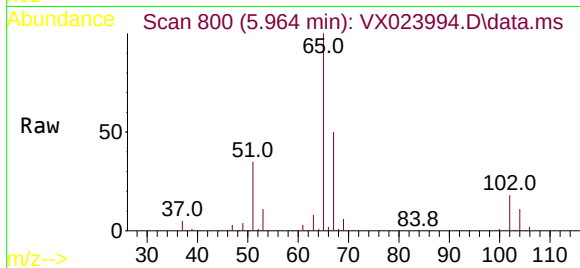


#33

1,2-Dichloroethane-d4
Concen: 52.156 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521

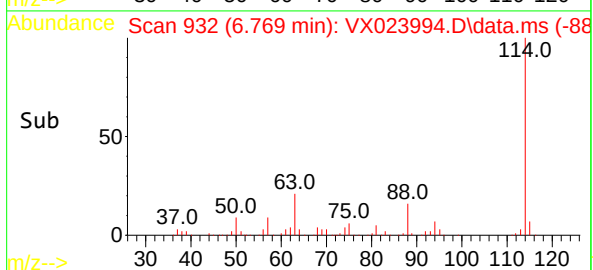
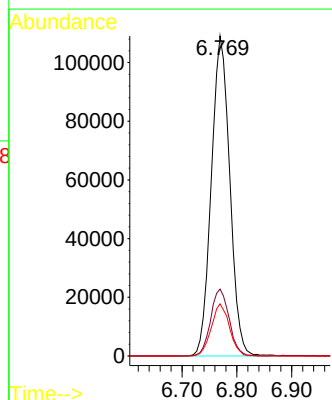
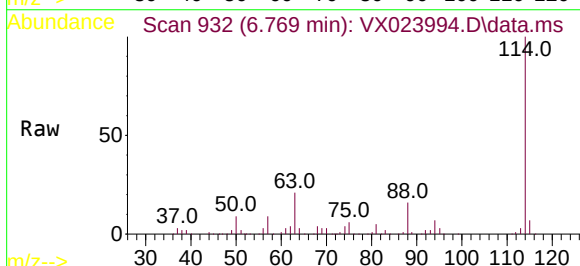
Tgt Ion: 65 Resp: 107762
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

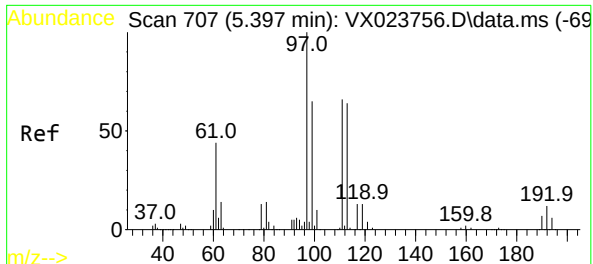


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion: 114 Resp: 254661
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.3 0.0 32.8

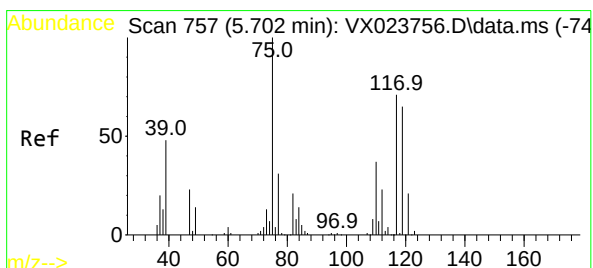
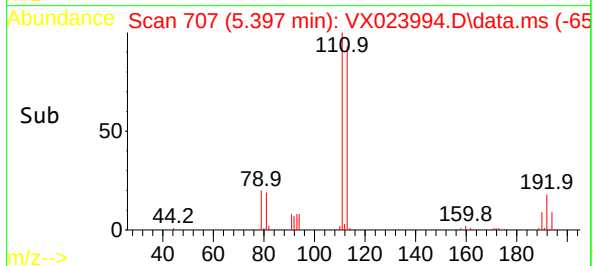
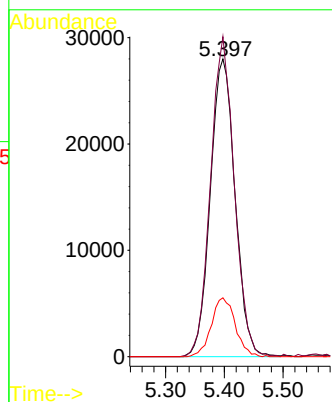
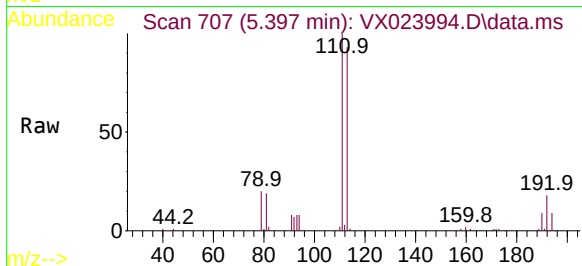




#35
Dibromofluoromethane
Concen: 48.528 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

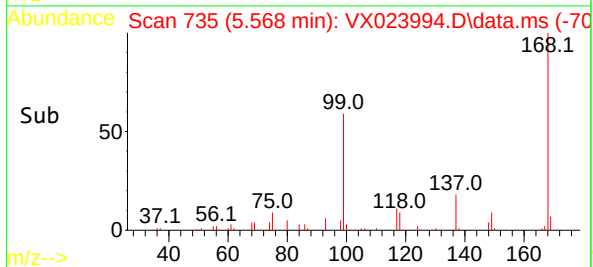
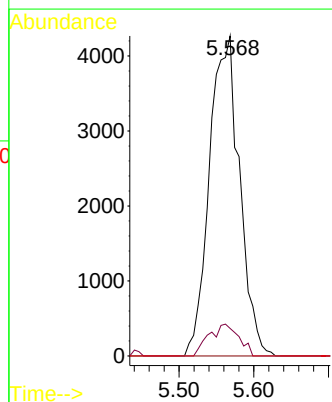
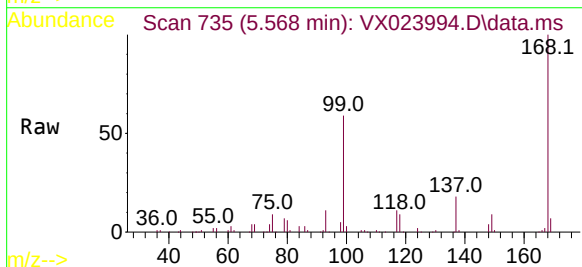
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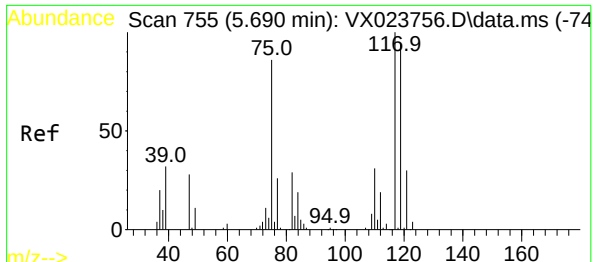
Tgt Ion:113 Resp: 81795
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

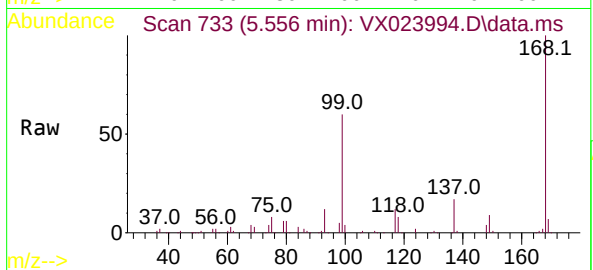
Tgt Ion: 75 Resp: 11937
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



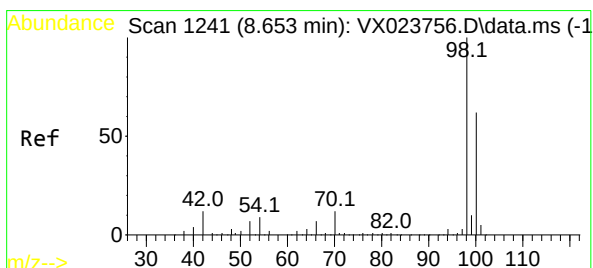
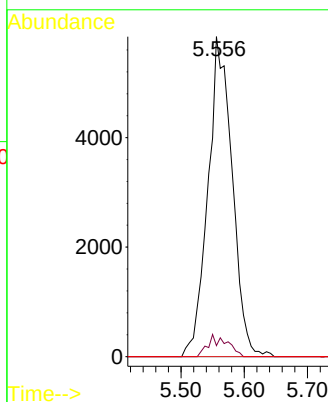
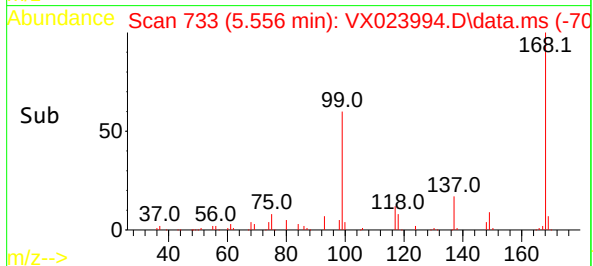


#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Instrument :
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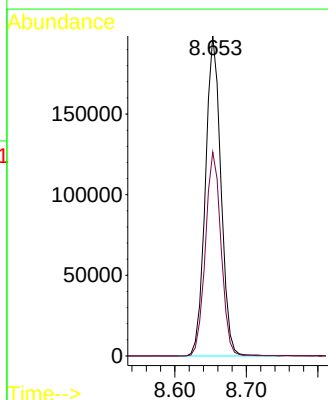
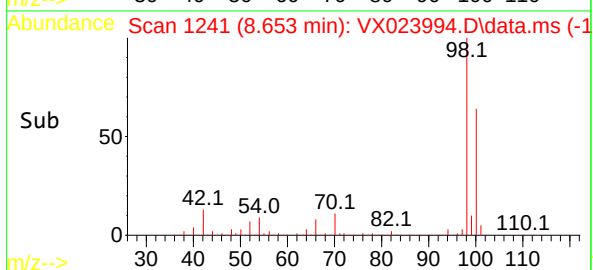
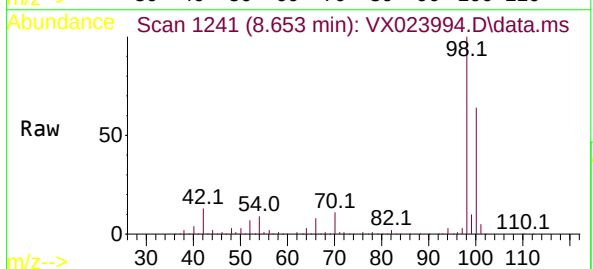


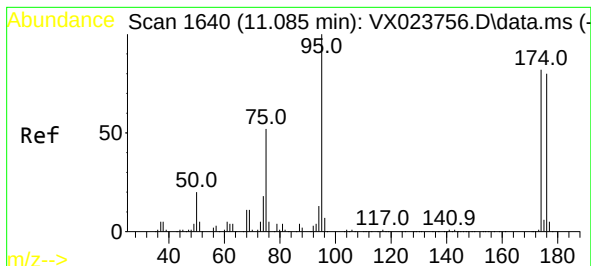
Tgt Ion:117 Resp: 15586
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.507 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion: 98 Resp: 298353
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

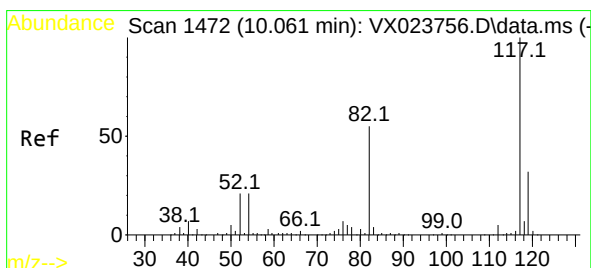
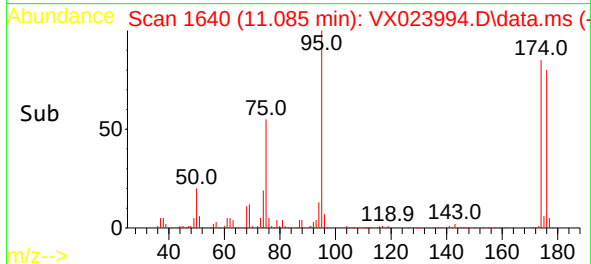
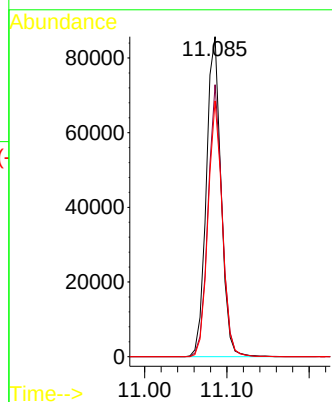
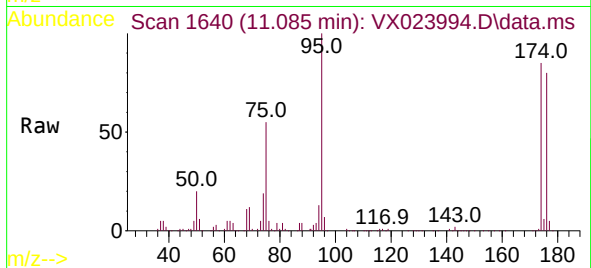




#62
4-Bromofluorobenzene
Concen: 45.112 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

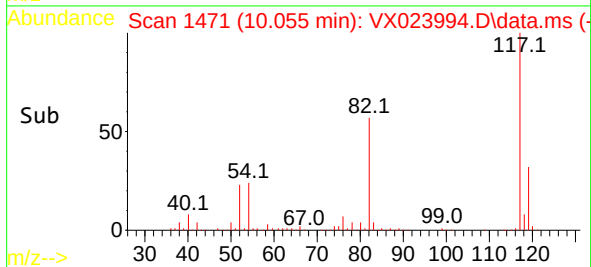
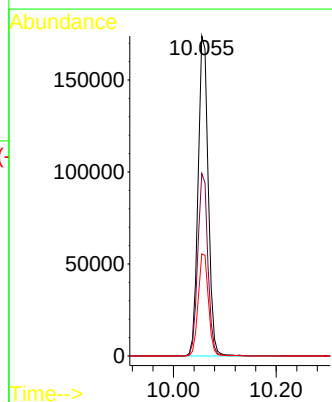
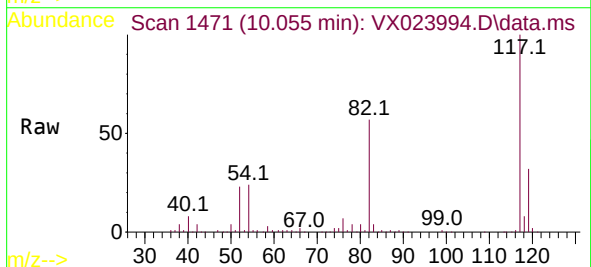
Instrument :
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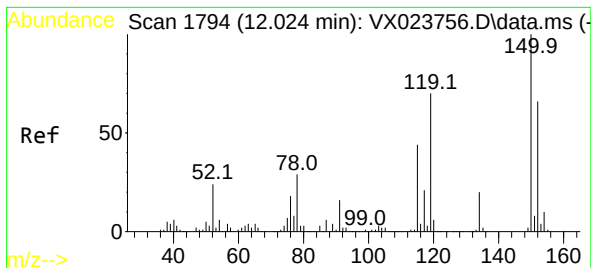
Tgt Ion: 95 Resp: 106538
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Tgt Ion: 117 Resp: 238861
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.9 26.6 39.8

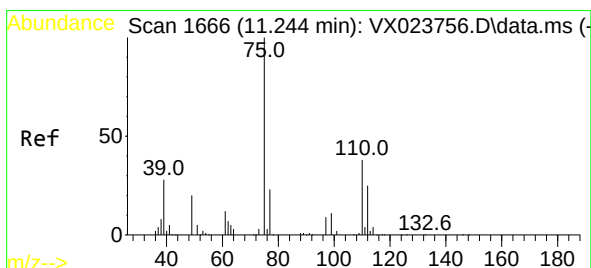
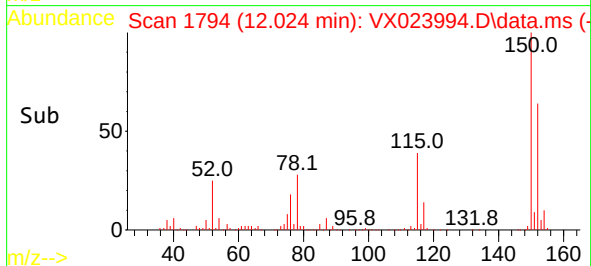
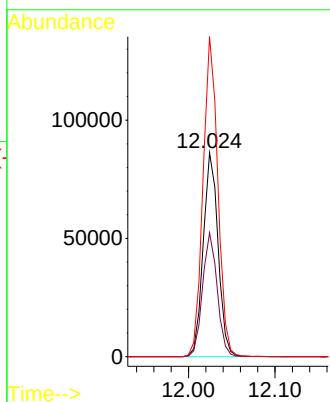
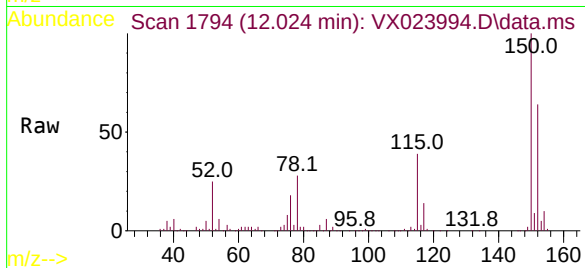




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023994.D
 Acq: 27 Aug 2021 15:56

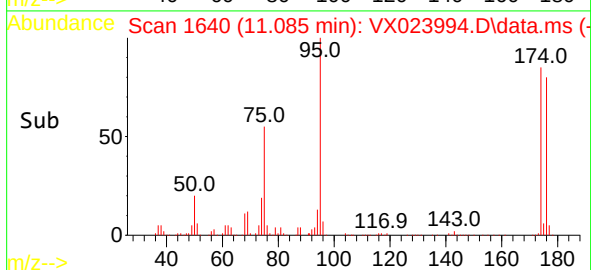
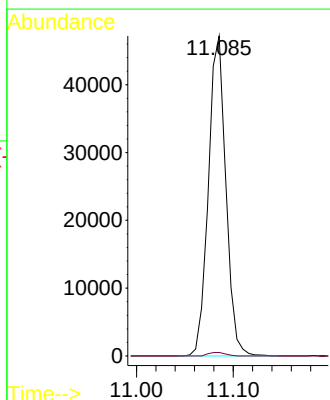
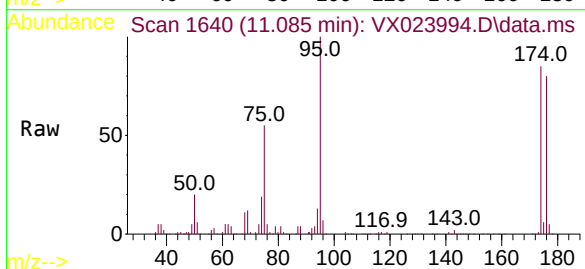
Instrument :
 MSVOA_X
 ClientSampleId :
 DUPLICATE-082521

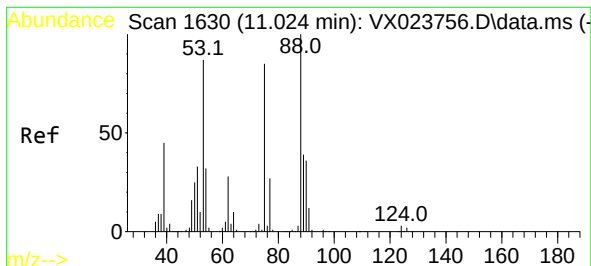
Tgt Ion:152 Resp: 102875
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.722 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023994.D
 Acq: 27 Aug 2021 15:56

Tgt Ion: 75 Resp: 59327
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

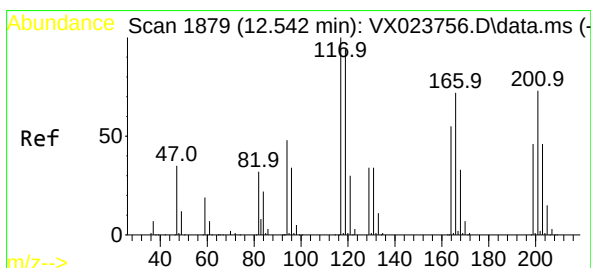
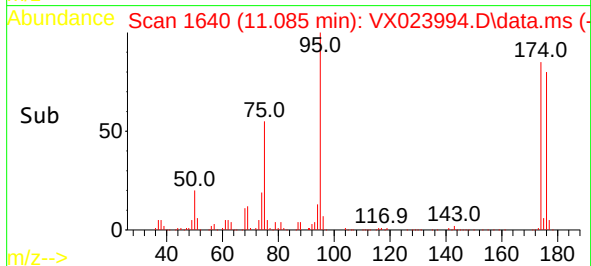
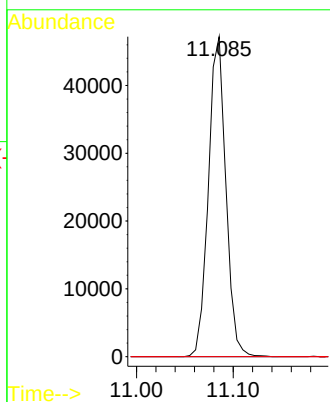
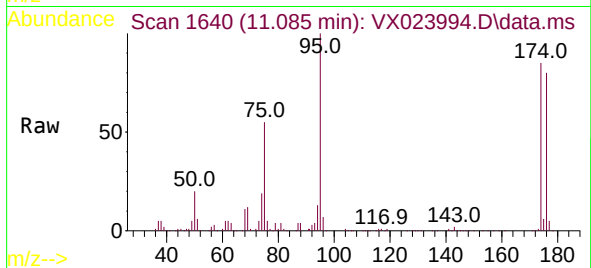




#81
trans-1,4-Dichloro-2-butene
Concen: 72.720 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

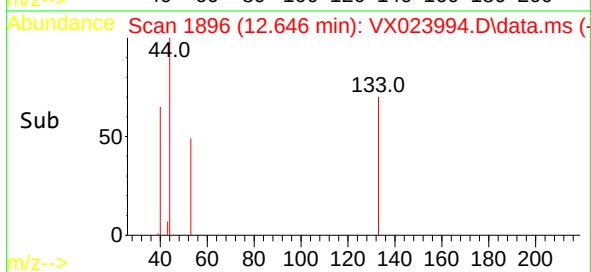
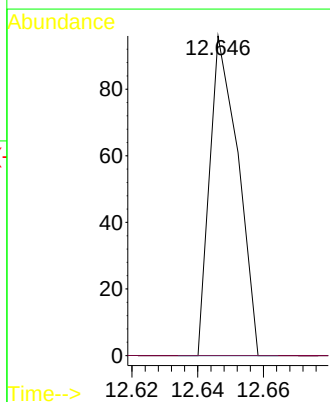
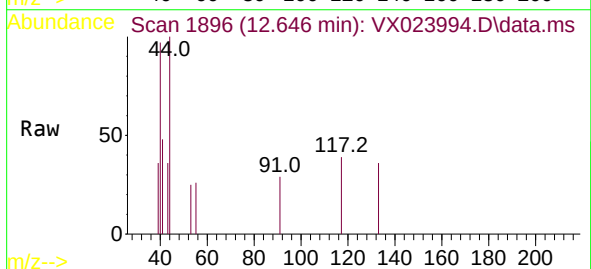
Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521

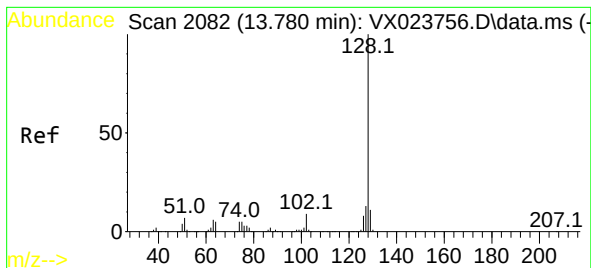
Tgt Ion: 75 Resp: 59327
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.515 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

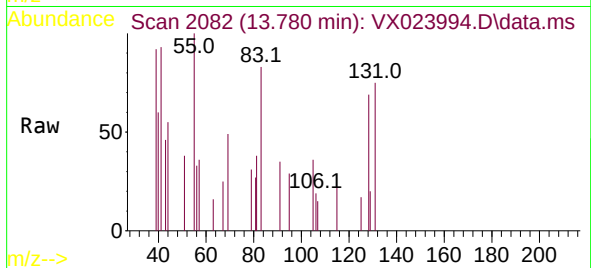
Tgt Ion: 117 Resp: 57
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.347 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023994.D
Acq: 27 Aug 2021 15:56

Instrument :
MSVOA_X
ClientSampleId :
DUPLICATE-082521



Tgt Ion:	128	Resp:	499
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

