

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024039.D
 Acq On : 31 Aug 2021 13:14
 Operator : JC/MD
 Sample : M3584-13 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

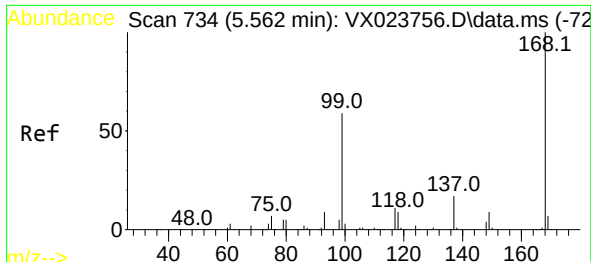
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210827

Quant Time: Sep 01 05:01:16 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)

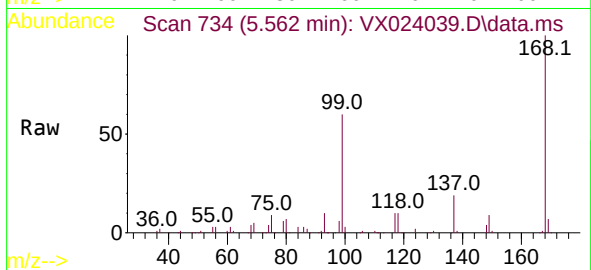
Internal Standards						
1) Pentafluorobenzene	5.562	168	155418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	247508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113479	52.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.397	113	86173	49.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	8.653	98	325259	48.964	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.920%			
62) 4-Bromofluorobenzene	11.085	95	117408	48.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.020%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	697	0.631	ug/l #	62
6) Chloroethane	1.697	64	170	2.328	ug/l #	43
10) Methyl Iodide	2.459	142	578	0.266	ug/l #	90
11) Tert butyl alcohol	2.953	59	4984	11.362	ug/l #	76
16) Acetone	2.386	43	2395	2.469	ug/l #	77
20) Methylene Chloride	2.800	84	1294	0.698	ug/l #	86
25) 2-Butanone	4.593	43	696	0.474	ug/l #	45
26) 2,2-Dichloropropane	4.581	77	620	0.248	ug/l #	52
31) Cyclohexane	5.562	56	3673	1.318	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	13294	5.444	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16525	6.489	ug/l #	18
44) Trichloroethene	7.135	130	1468	0.736	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	63740	26.316	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63740	77.409	ug/l #	12
95) Naphthalene	13.780	128	90	1.294	ug/l #	69

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

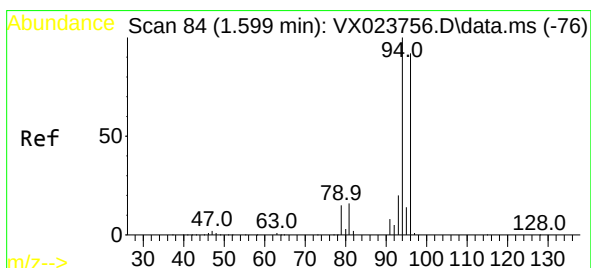
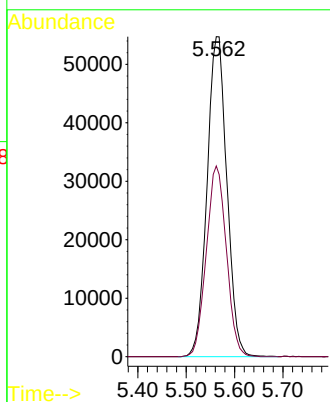
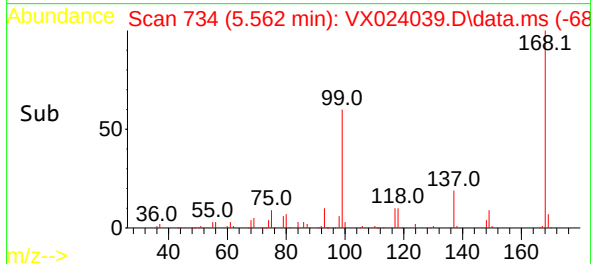


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

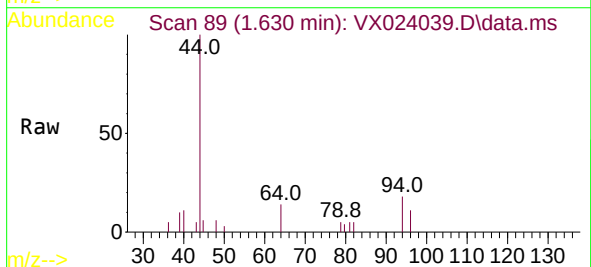
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827



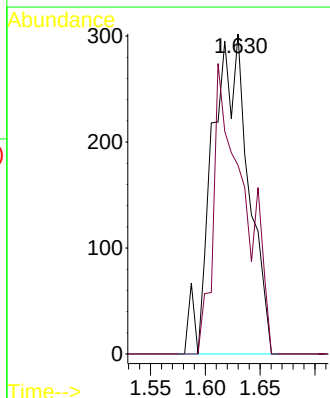
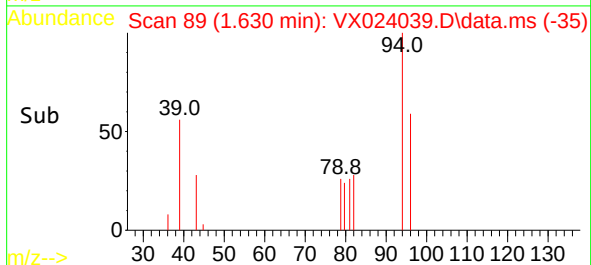
Tgt Ion:168 Resp: 155418
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6

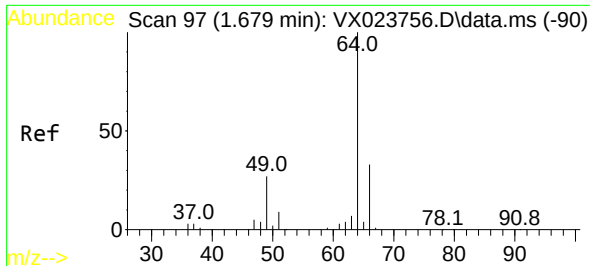


#5
Bromomethane
Concen: 0.631 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14



Tgt Ion: 94 Resp: 697
Ion Ratio Lower Upper
94 100
96 58.9 76.4 114.6#

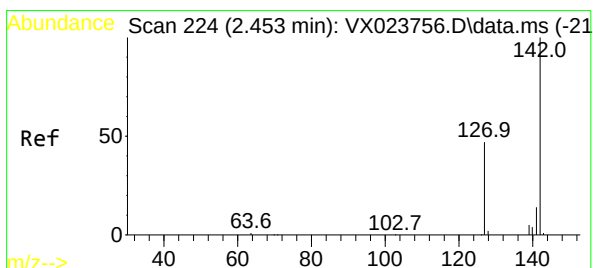
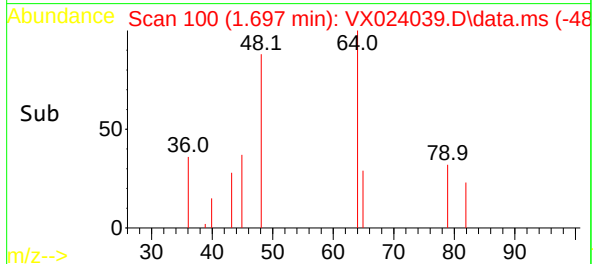
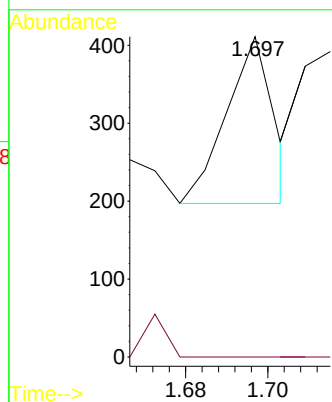
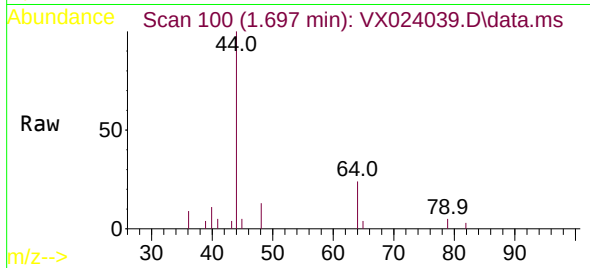




#6
Chloroethane
Concen: 2.328 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

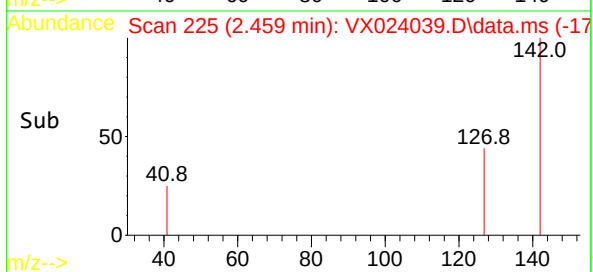
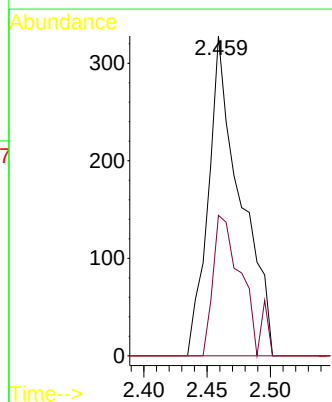
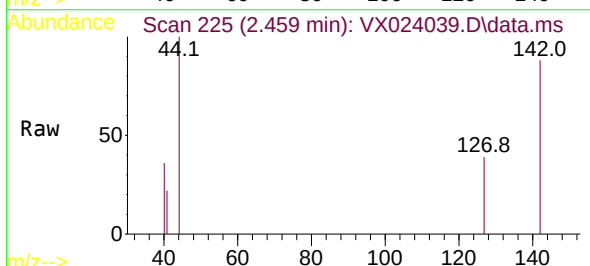
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

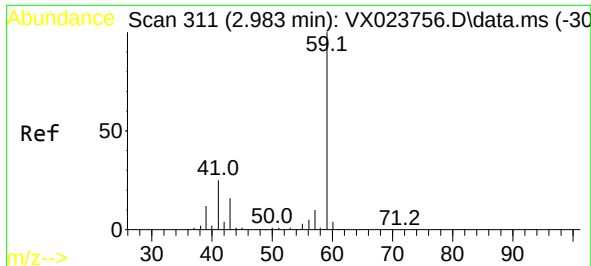
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.266 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 142 Resp: 578
Ion Ratio Lower Upper
142 100
127 40.3 33.3 49.9
141 0.0 11.4 17.0#



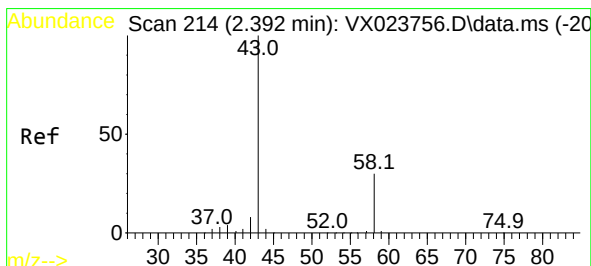
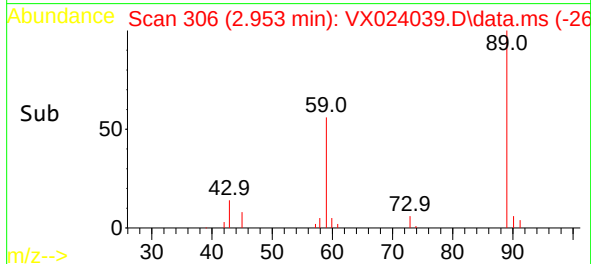
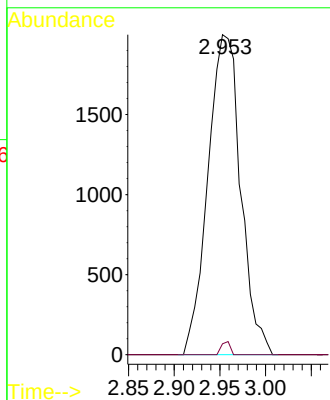
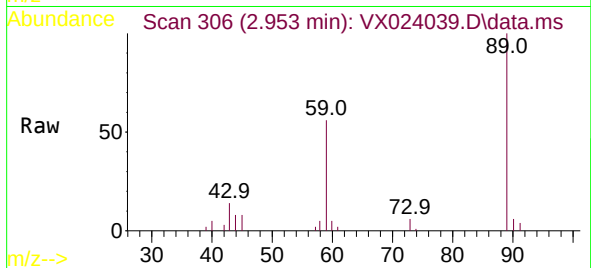


#11

Tert butyl alcohol
Concen: 11.362 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

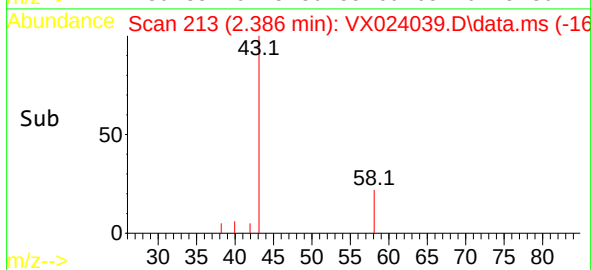
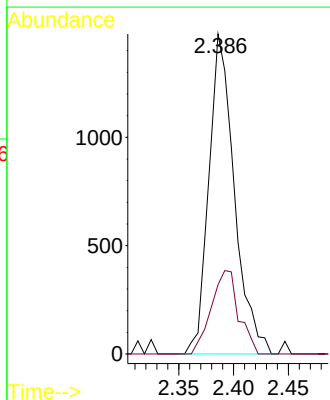
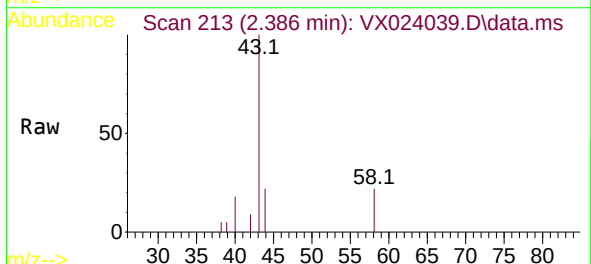
Tgt Ion: 59 Resp: 4984
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

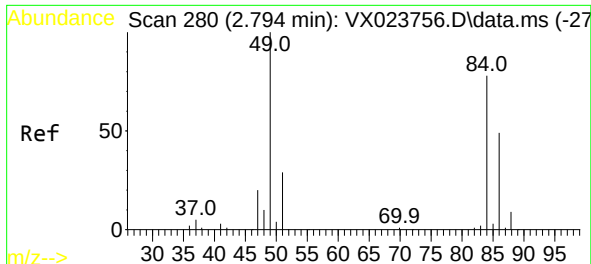


#16

Acetone
Concen: 2.469 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
58 21.7 27.8 41.8#



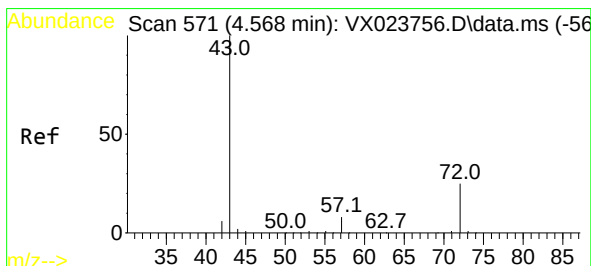
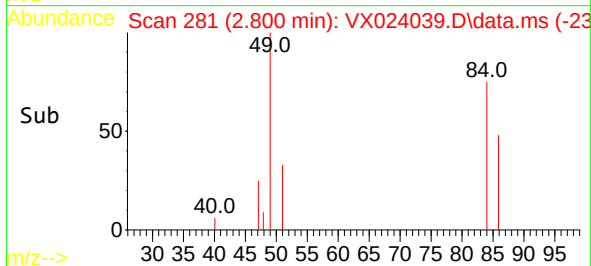
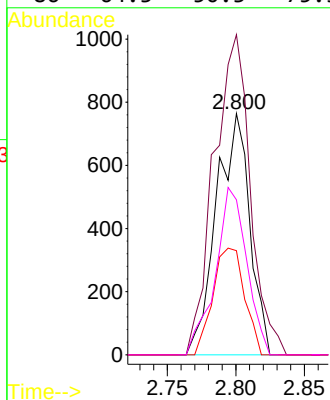
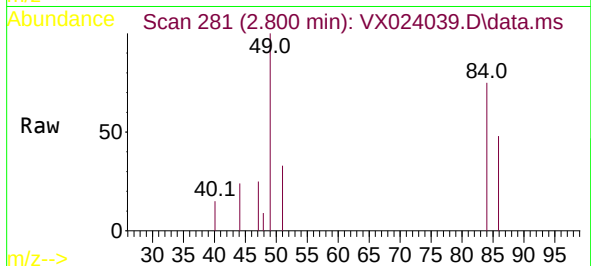


#20
Methylene Chloride
Concen: 0.698 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

Tgt Ion: 84 Resp: 1294

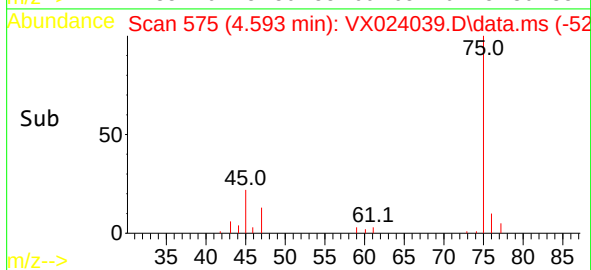
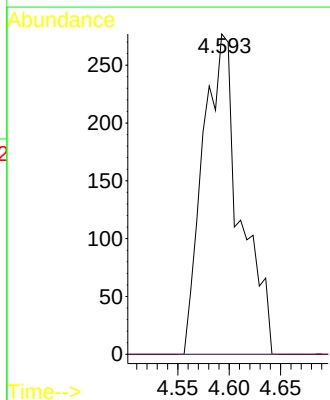
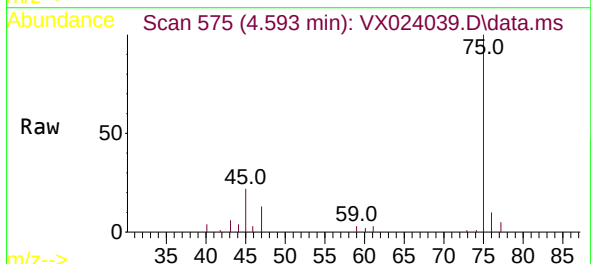
Ion	Ratio	Lower	Upper
84	100		
49	132.7	88.6	132.8
51	43.2	27.0	40.6#
86	64.3	50.3	75.5

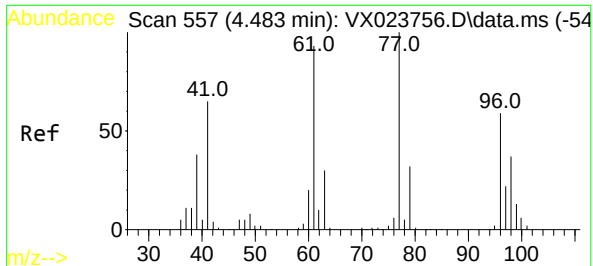


#25
2-Butanone
Concen: 0.474 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 43 Resp: 696

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

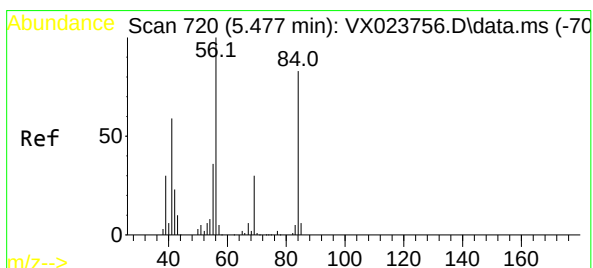
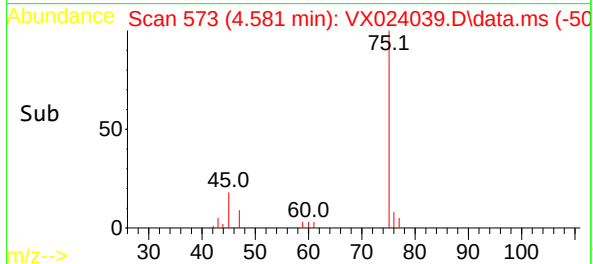
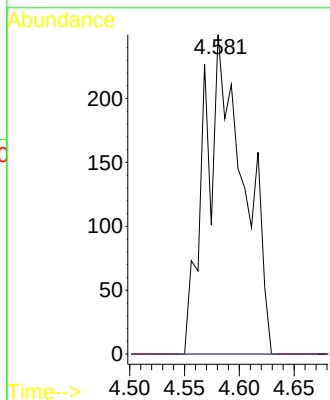
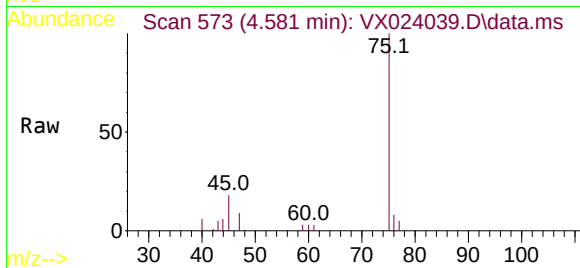




#26
2,2-Dichloropropane
Concen: 0.248 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.098 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

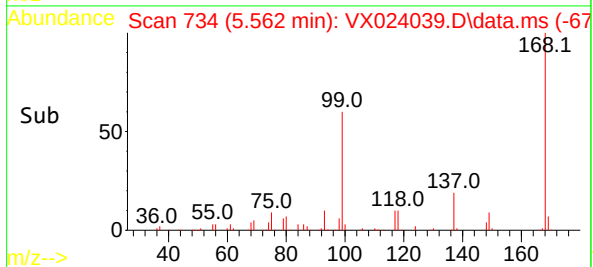
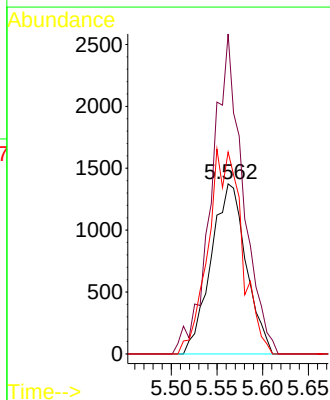
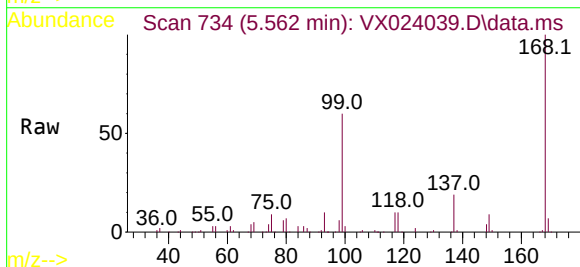
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

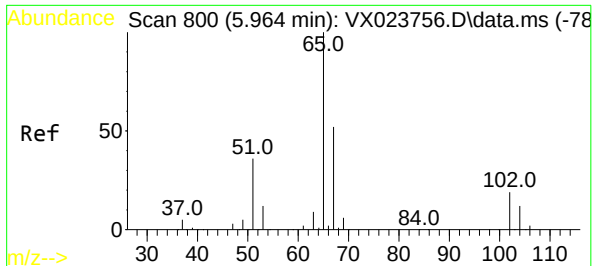
Tgt Ion: 77 Resp: 620
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 56 Resp: 3673
Ion Ratio Lower Upper
56 100
69 188.1 25.3 37.9#
84 118.7 71.4 107.0#



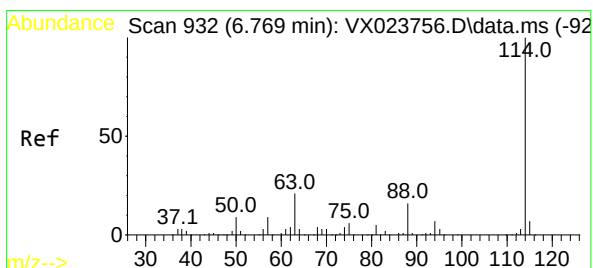
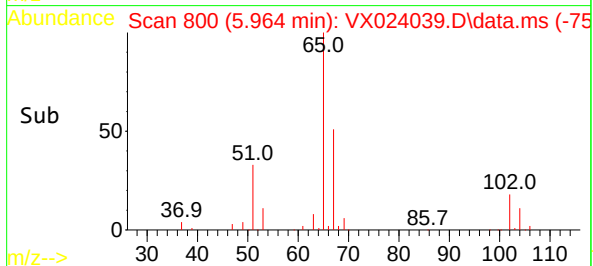
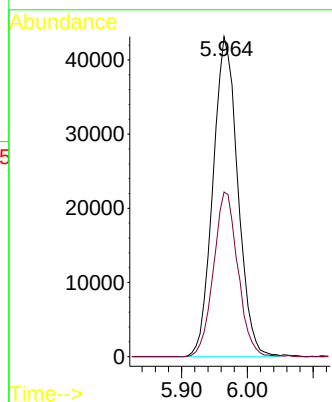
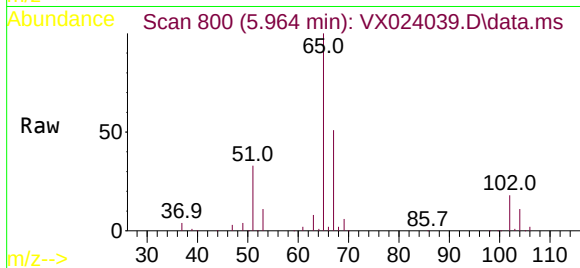


#33

1,2-Dichloroethane-d4
Concen: 52.315 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

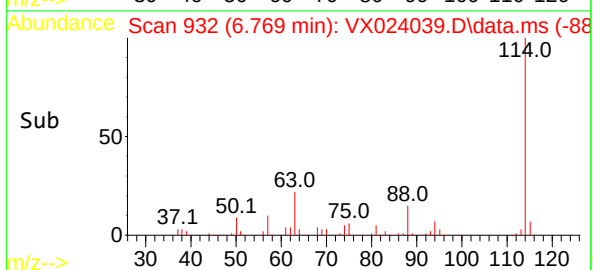
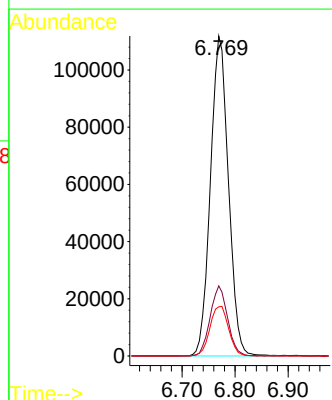
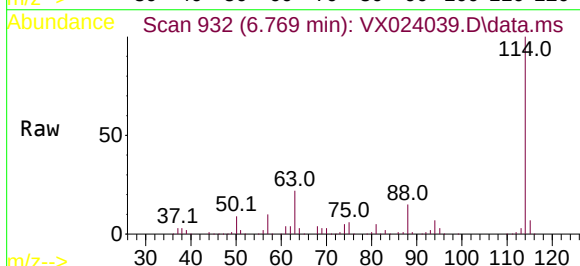
Tgt Ion: 65 Resp: 113479
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

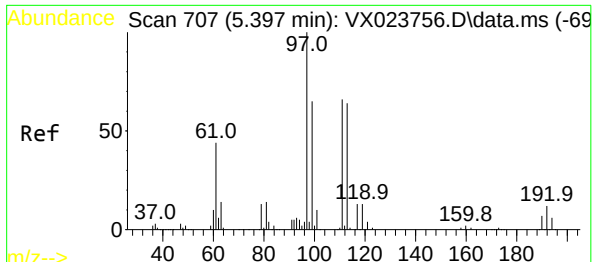


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 114 Resp: 263696
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 15.4 0.0 32.8

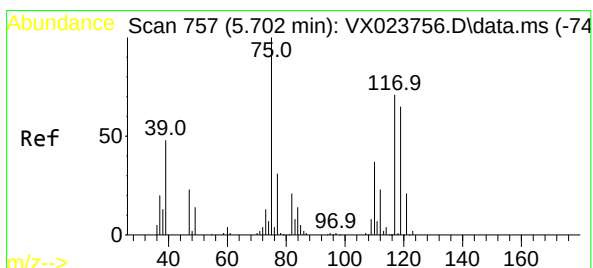
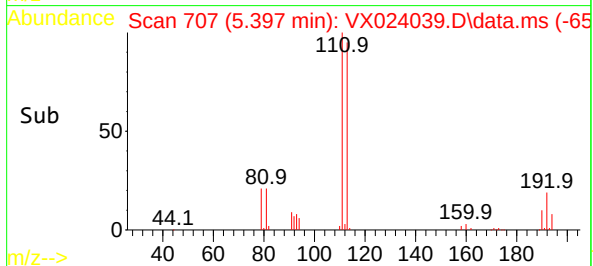
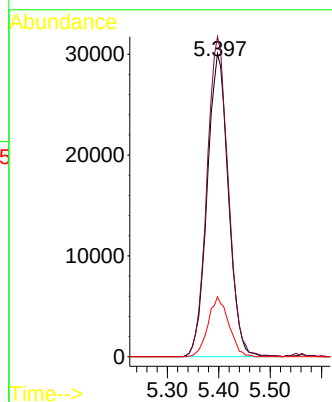
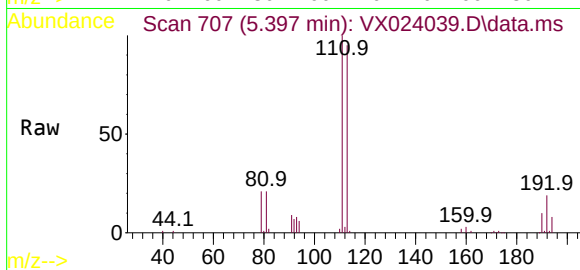




#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

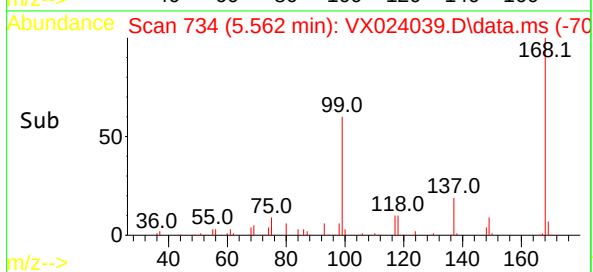
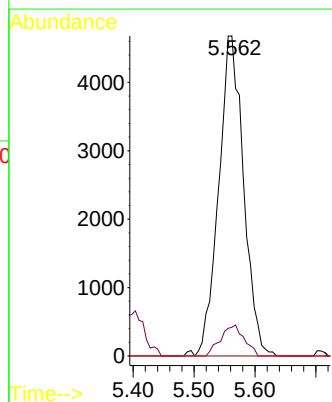
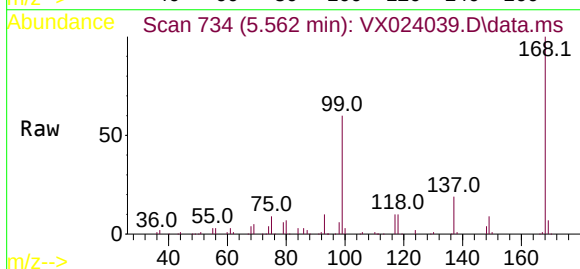
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

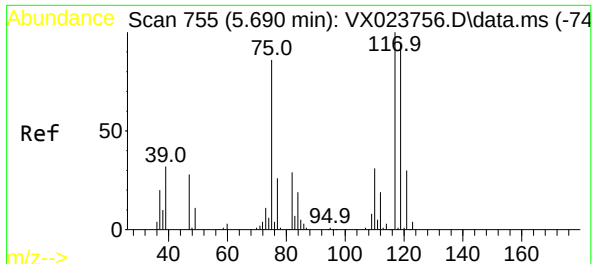
Tgt Ion:113 Resp: 86173
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.444 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

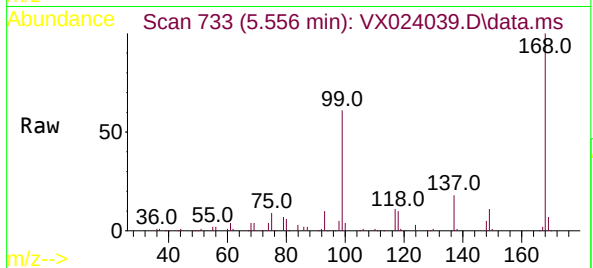
Tgt Ion: 75 Resp: 13294
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



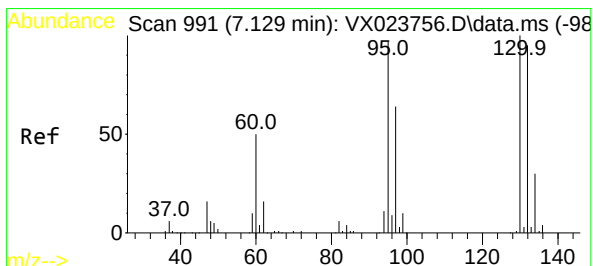
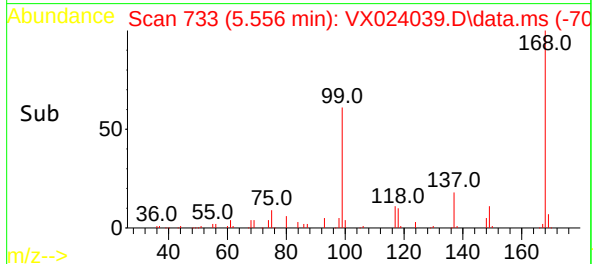
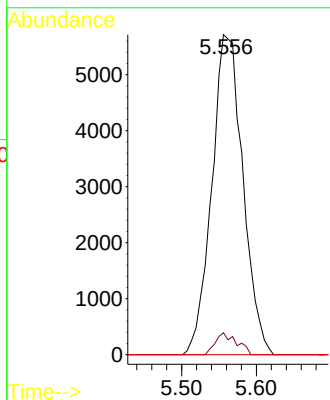


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

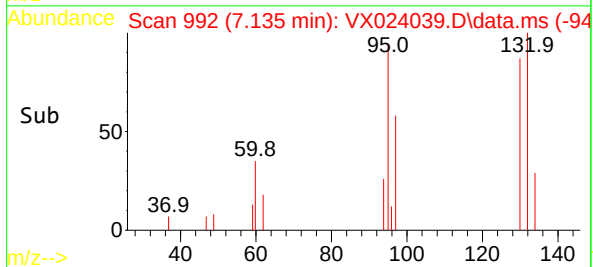
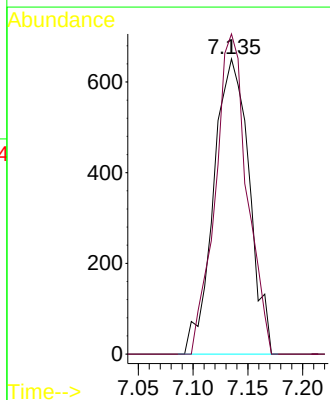
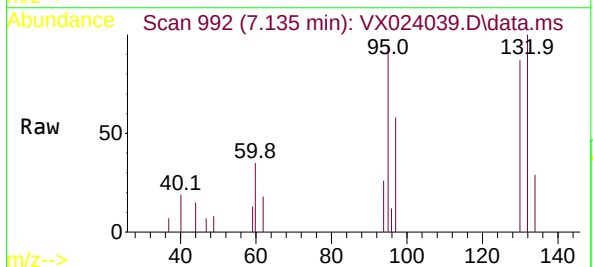


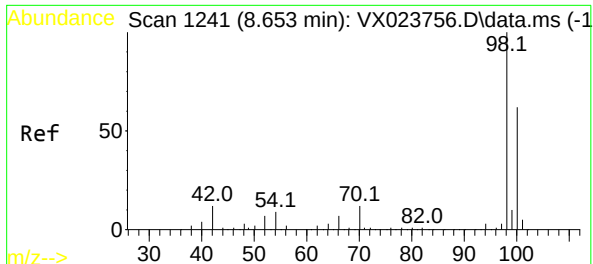
Tgt Ion:117 Resp: 16525
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.736 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion:130 Resp: 1468
Ion Ratio Lower Upper
130 100
95 108.4 0.0 198.0

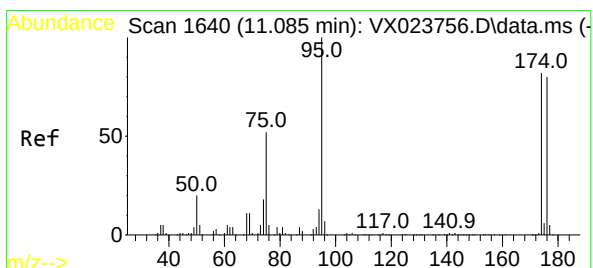
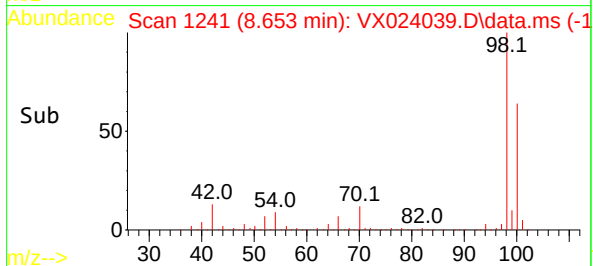
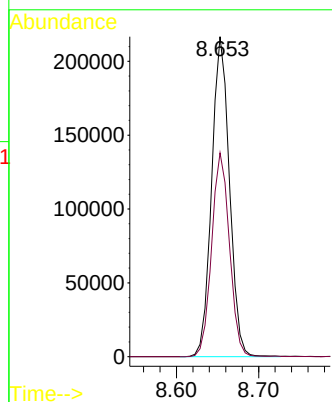
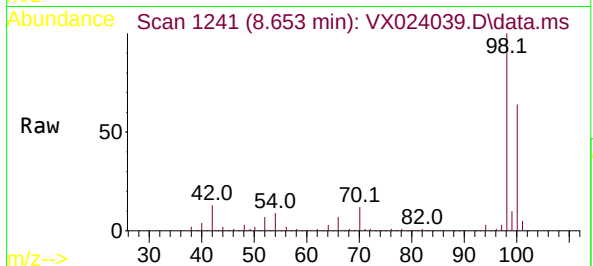




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

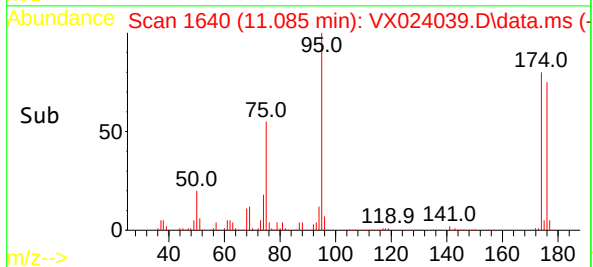
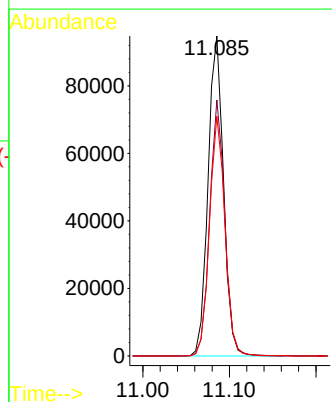
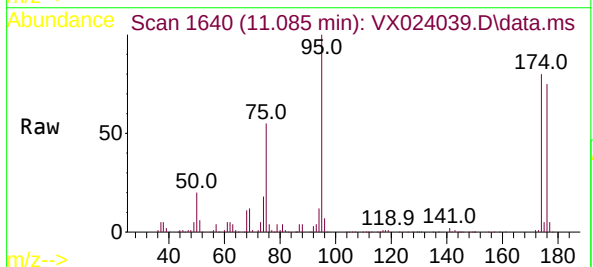
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

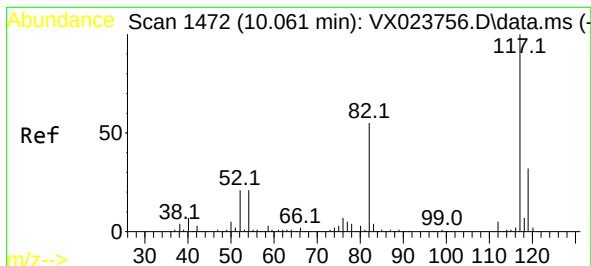
Tgt Ion: 98 Resp: 325259
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.012 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 95 Resp: 117408
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 74.6 0.0 155.8

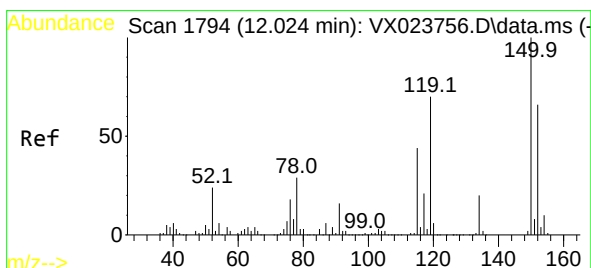
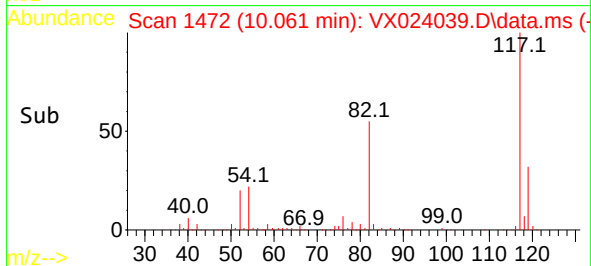
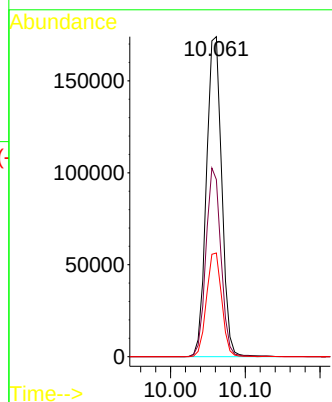
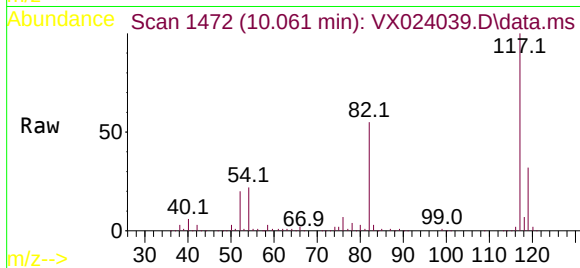




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

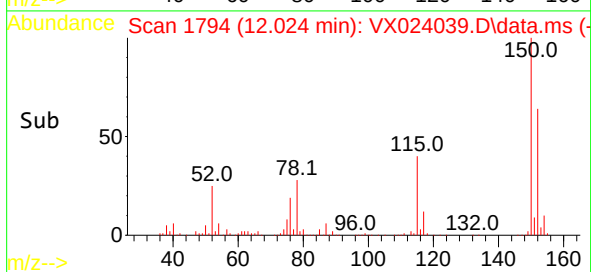
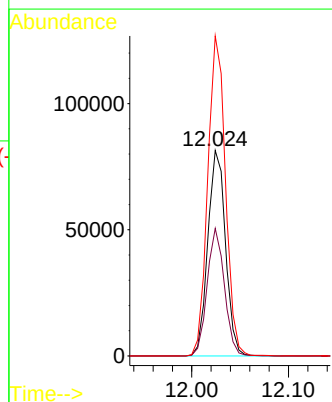
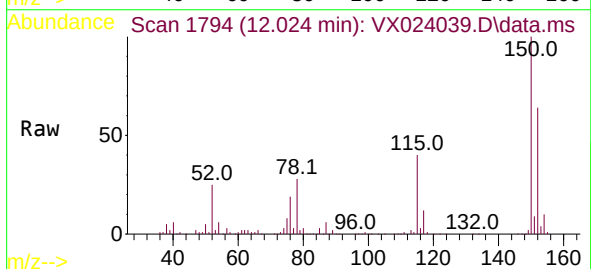
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

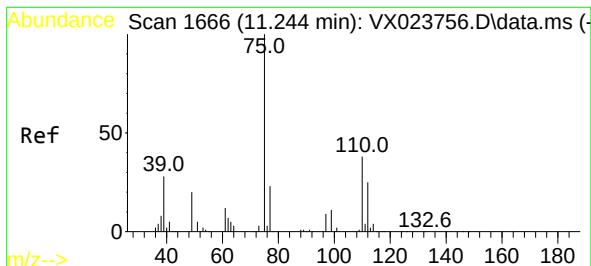
Tgt Ion:117 Resp: 247508
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion:152 Resp: 103831
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 155.5 0.0 349.0

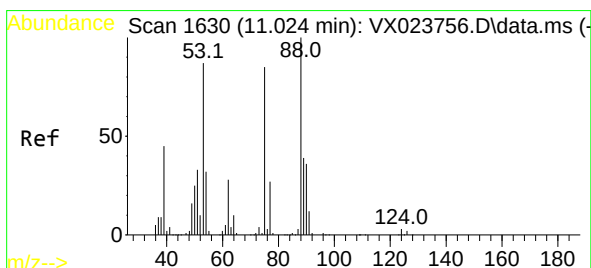
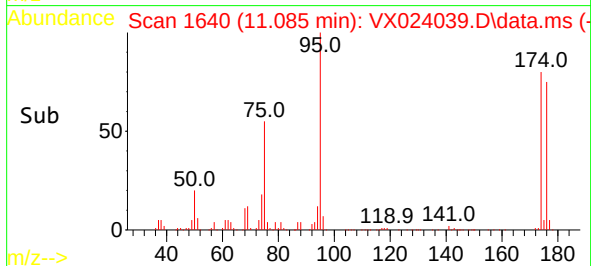
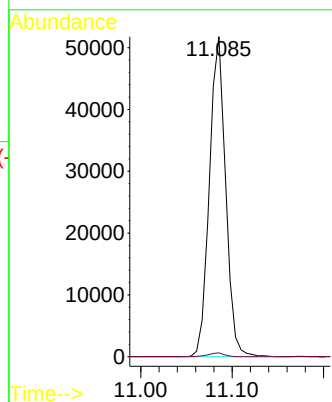
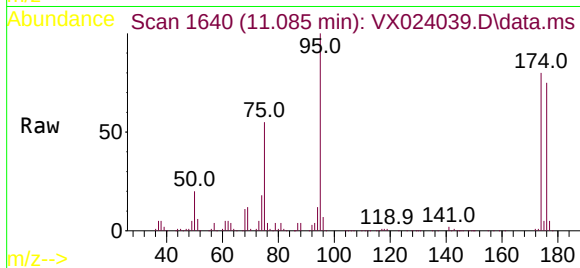




#76
1,2,3-Trichloropropane
Concen: 26.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

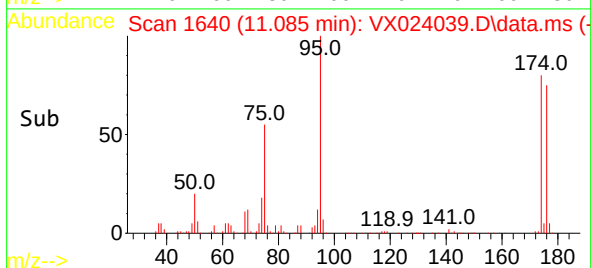
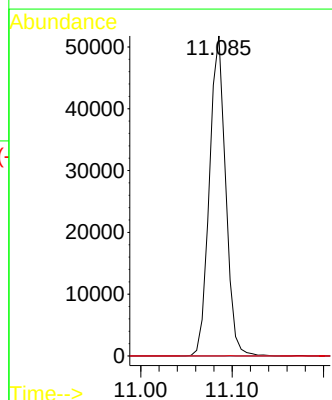
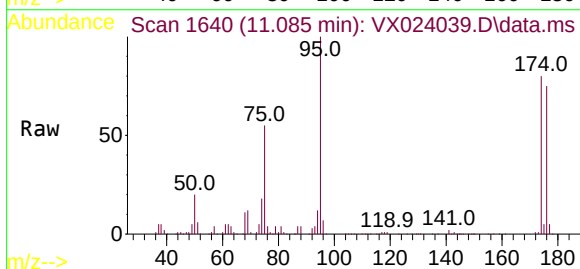
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

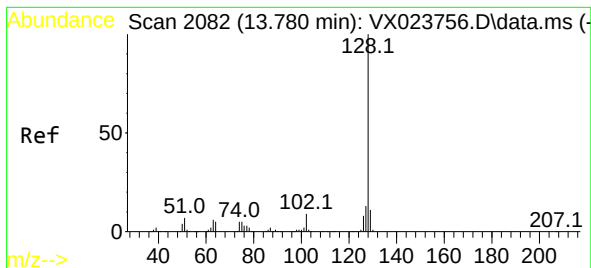
Tgt Ion: 75 Resp: 63740
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.409 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Tgt Ion: 75 Resp: 63740
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024039.D
Acq: 31 Aug 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

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

