

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011338.D
 Acq On : 07 Nov 2022 16:25
 Operator : KP/MD
 Sample : N5495-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01

Quant Time: Nov 08 03:29:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

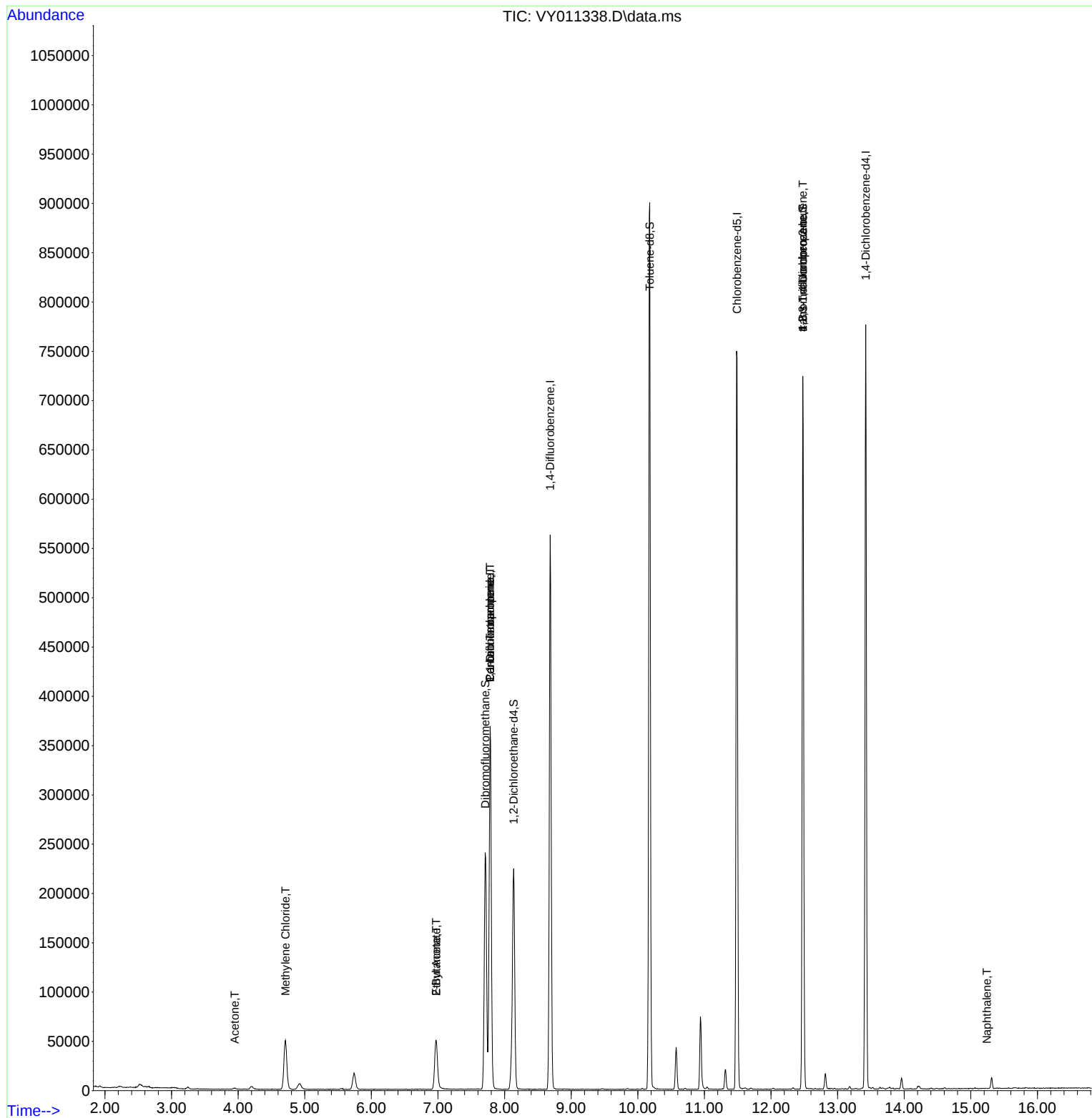
Internal Standards						
1) Pentafluorobenzene	7.783	168	292272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	441496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	209347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163115	52.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.360%			
35) Dibromofluoromethane	7.710	113	176721	55.796	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.600%			
50) Toluene-d8	10.179	98	613261	49.870	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.477	95	218549	51.193	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	241	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	6725	Below Cal	#	77
16) Acetone	3.948	43	2433	2.578	ug/l	90
20) Methylene Chloride	4.710	84	40501	6.078	ug/l #	79
25) 2-Butanone	6.972	43	2974	2.240	ug/l	93
36) 1,1-Dichloropropene	7.783	75	20844	4.030	ug/l #	50
37) Ethyl Acetate	6.972	43	2974	1.067	ug/l #	1
38) Carbon Tetrachloride	7.783	117	27490	5.123	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	105783	41.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105783	88.828	ug/l #	7
95) Naphthalene	15.239	128	278	3.996	ug/l #	81

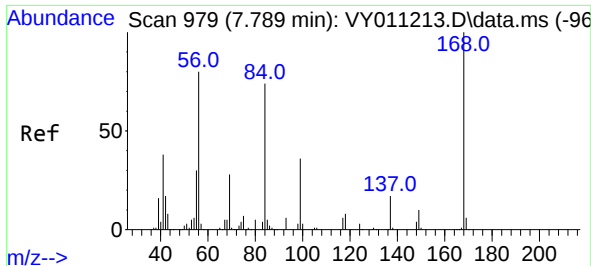
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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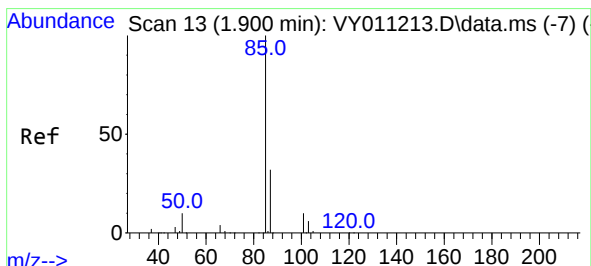
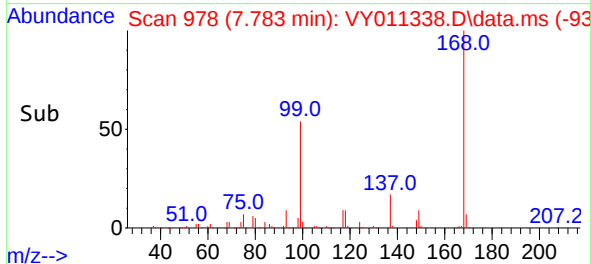
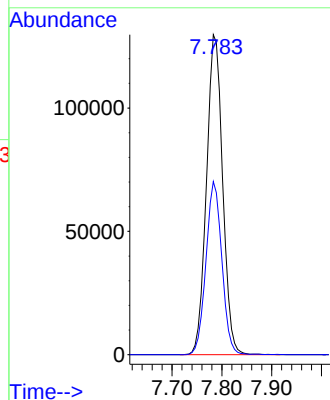
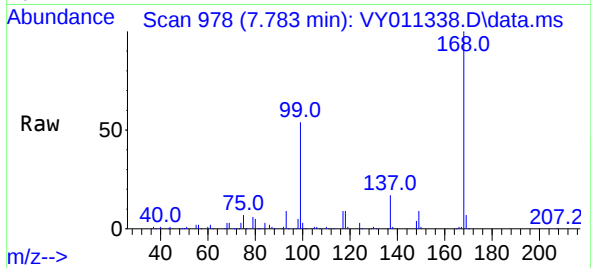




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

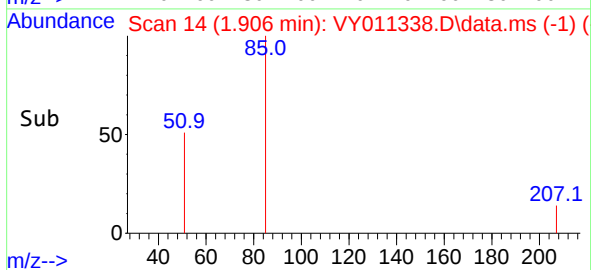
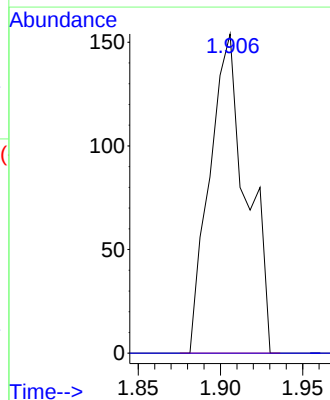
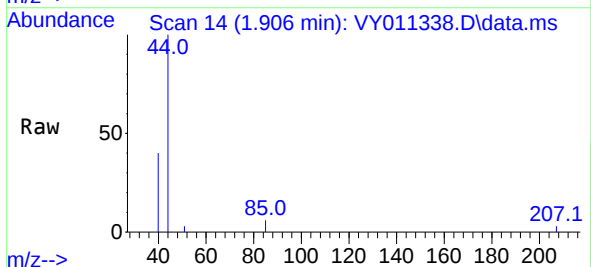
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

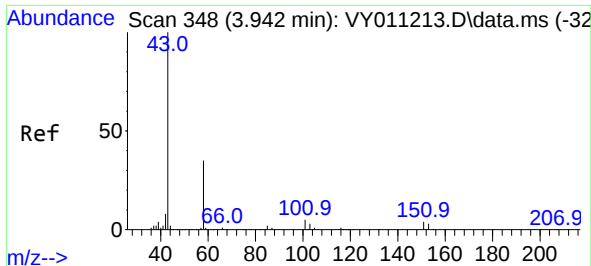
Tgt Ion:168 Resp: 292272
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 85 Resp: 241
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

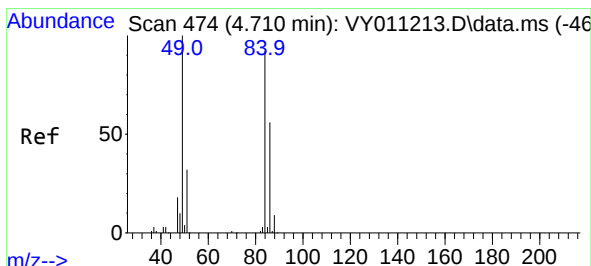
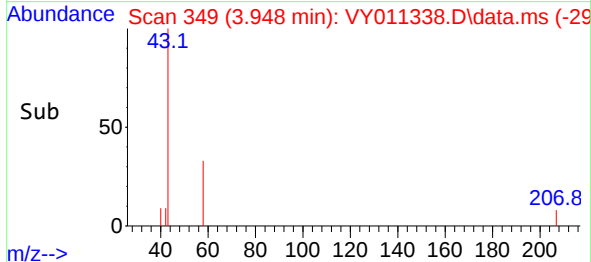
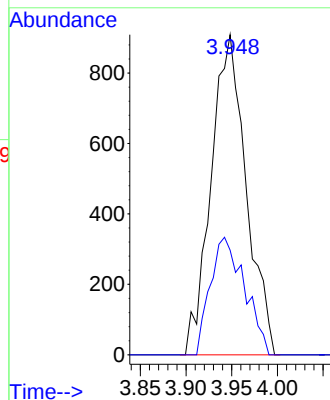
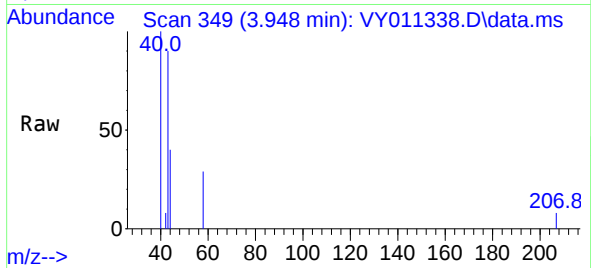




#16
Acetone
Concen: 2.578 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

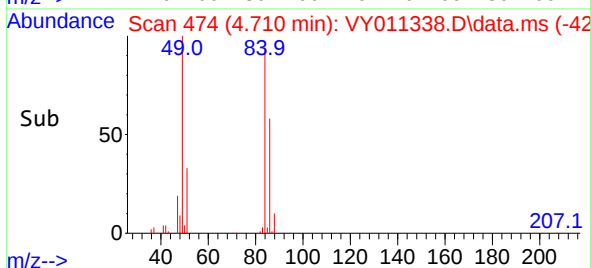
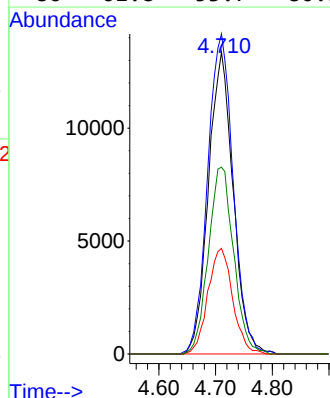
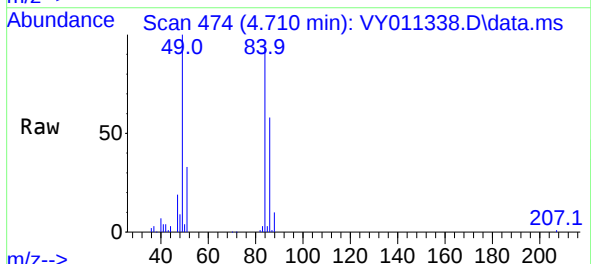
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

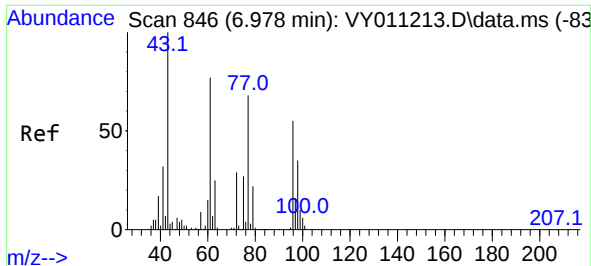
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0



#20
Methylene Chloride
Concen: 6.078 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 84 Resp: 40501
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 35.0 35.3 52.9#
86 61.8 53.7 80.5

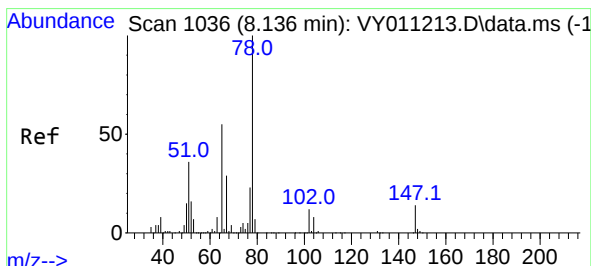
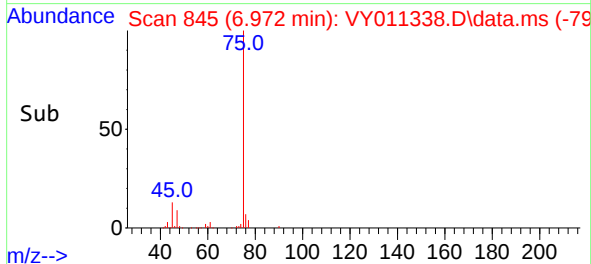
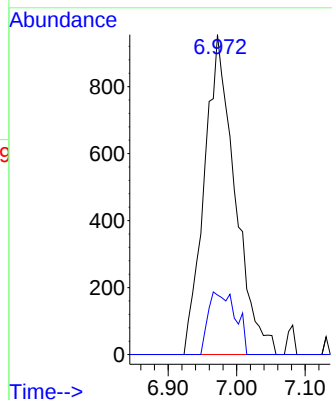
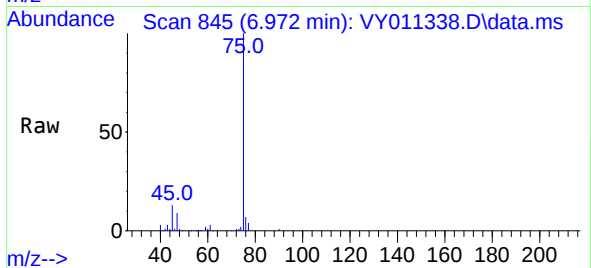




#25
2-Butanone
Concen: 2.240 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

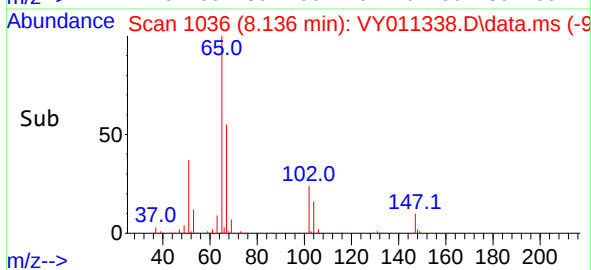
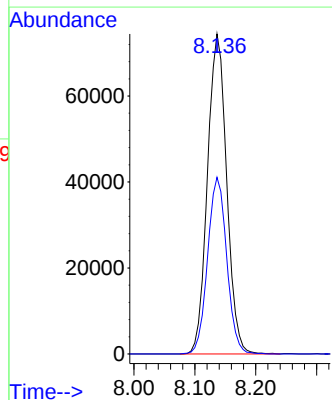
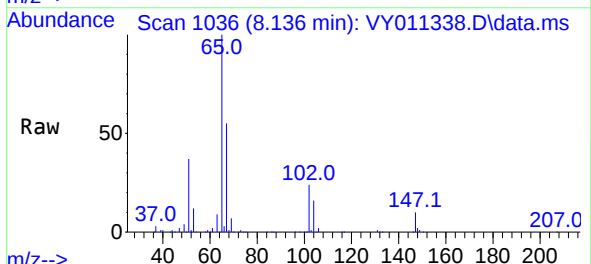
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

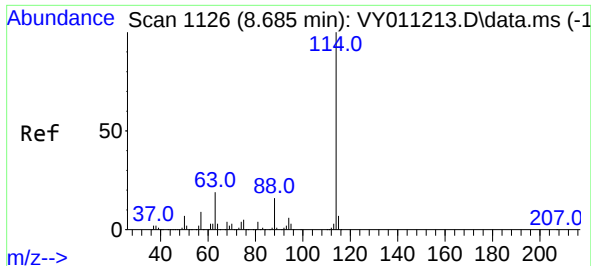
Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
72 18.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.182 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 65 Resp: 163115
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

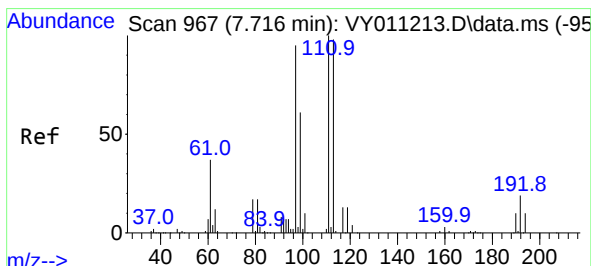
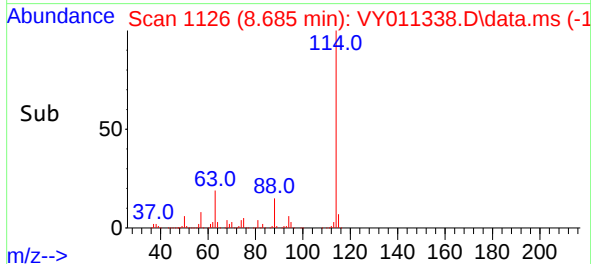
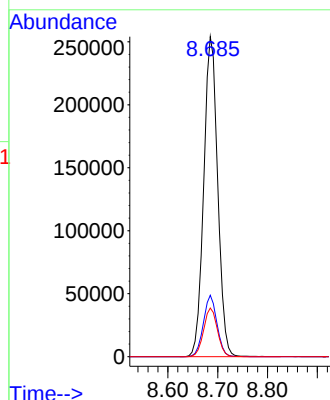
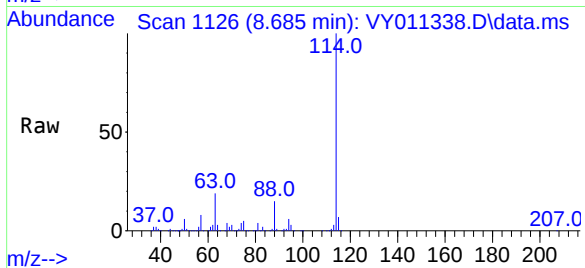




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

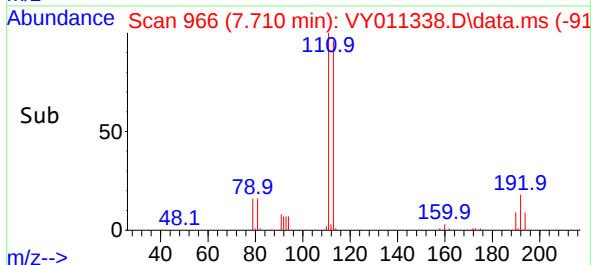
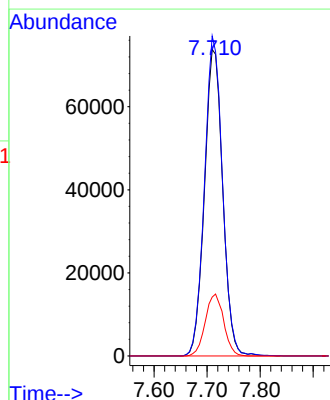
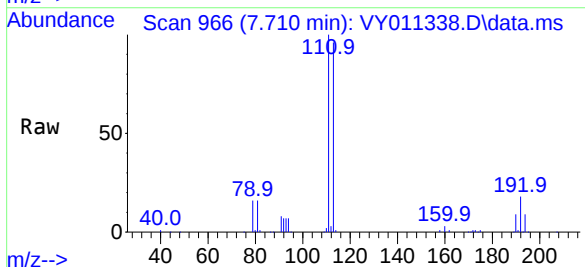
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

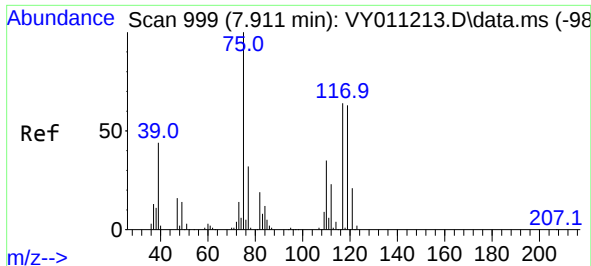
Tgt Ion:	114	Resp:	492964
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 55.796 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion:	113	Resp:	176721
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	20.3	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.030 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011338.D

Acq: 07 Nov 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

DUP-01

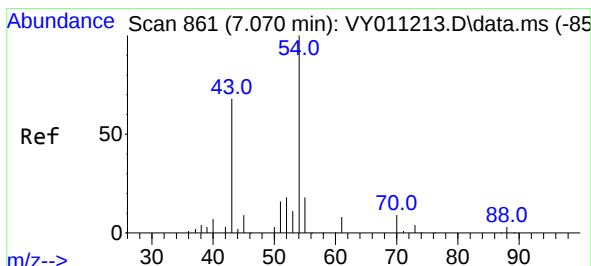
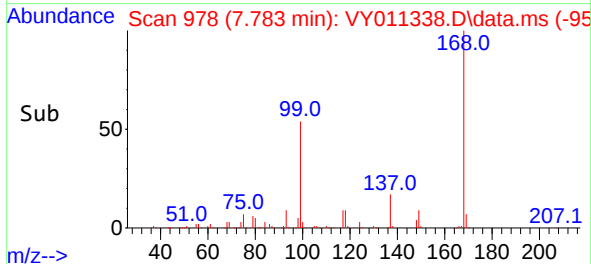
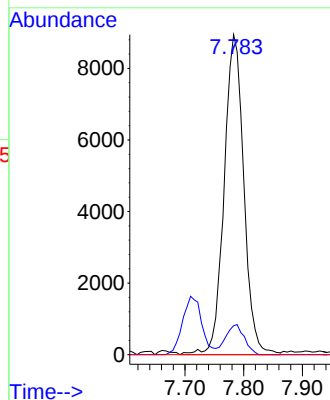
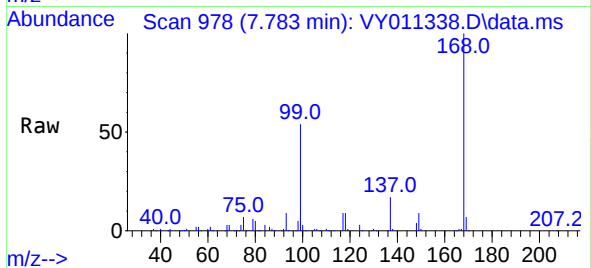
Tgt Ion: 75 Resp: 20844

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.067 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY011338.D

Acq: 07 Nov 2022 16:25

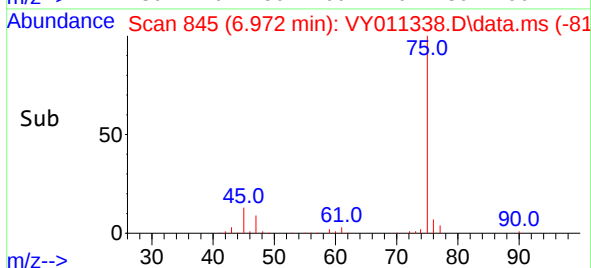
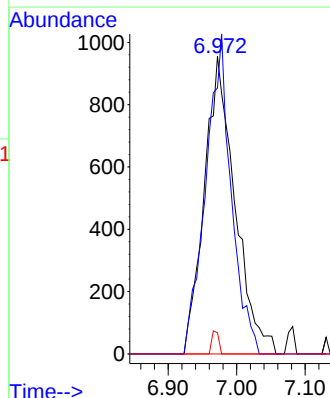
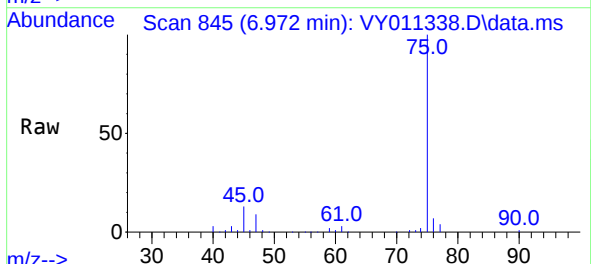
Tgt Ion: 43 Resp: 2974

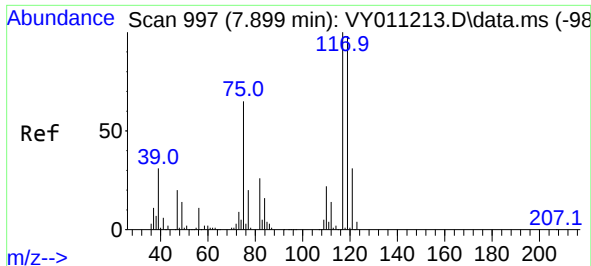
Ion Ratio Lower Upper

43 100

61 89.2 9.7 14.5#

70 1.7 7.1 10.7#

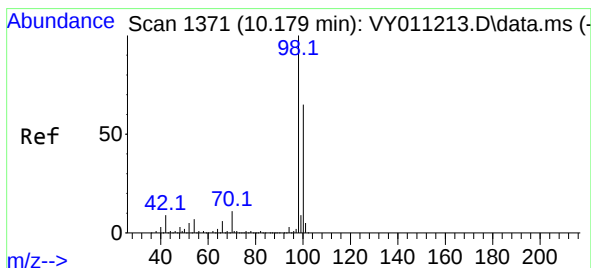
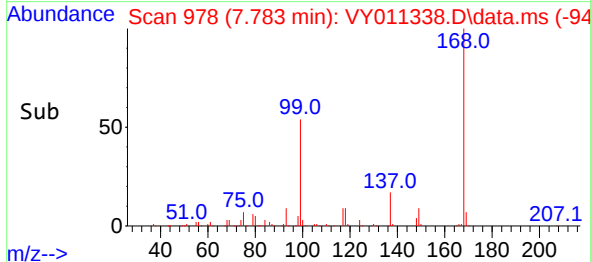
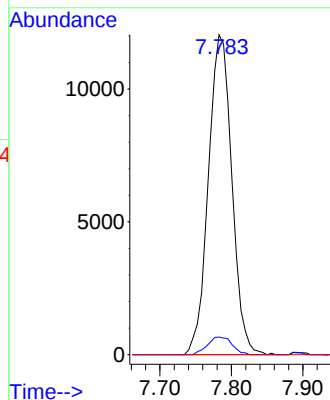
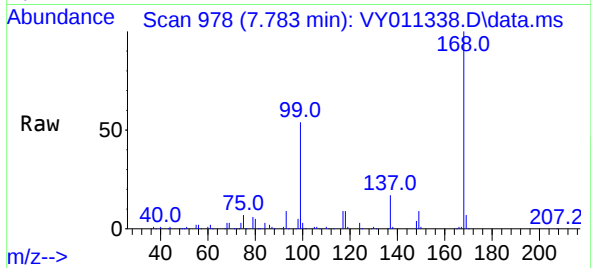




#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

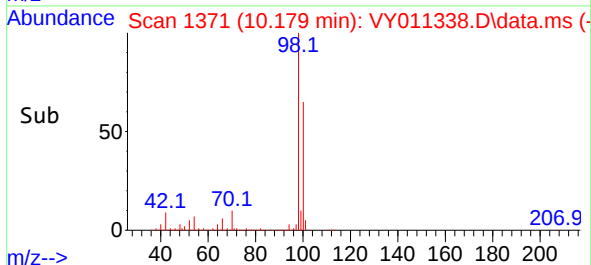
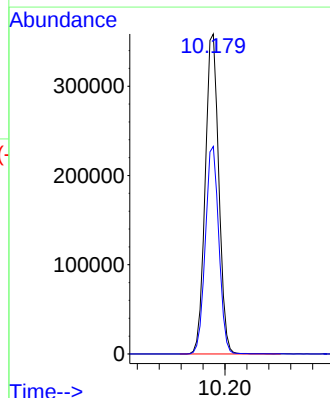
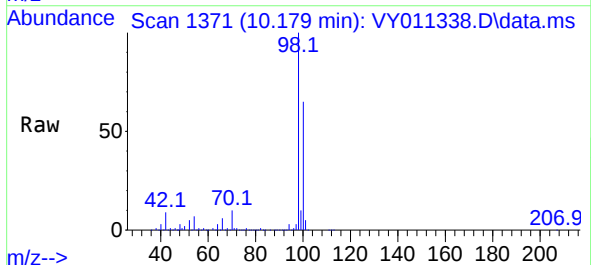
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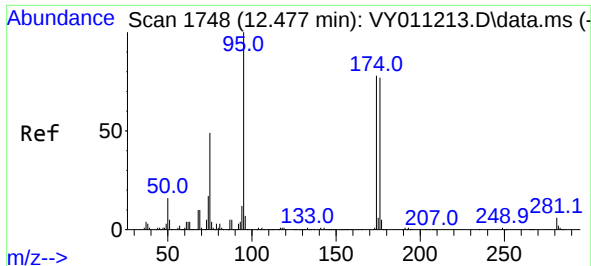
Tgt Ion:117 Resp: 27490
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.870 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 98 Resp: 613261
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

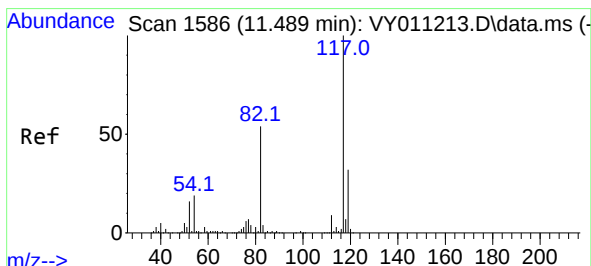
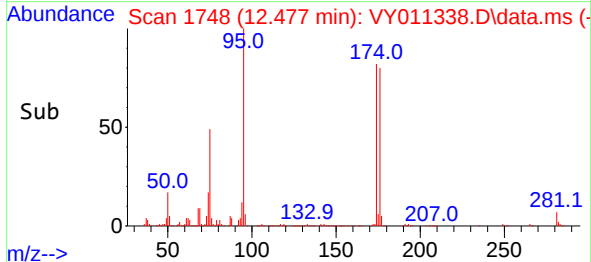
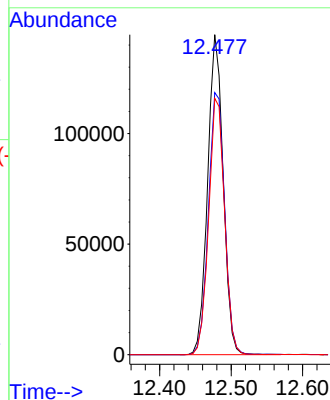
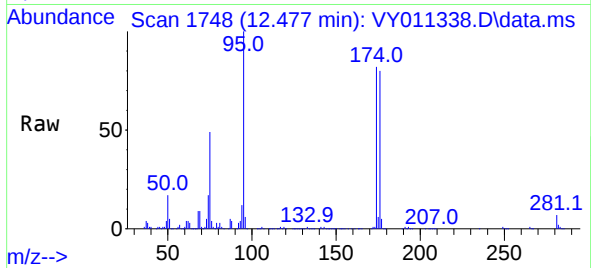




#62
4-Bromofluorobenzene
Concen: 51.193 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

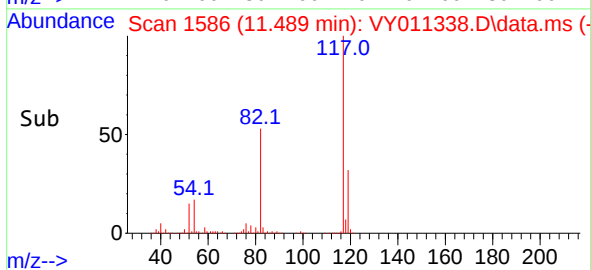
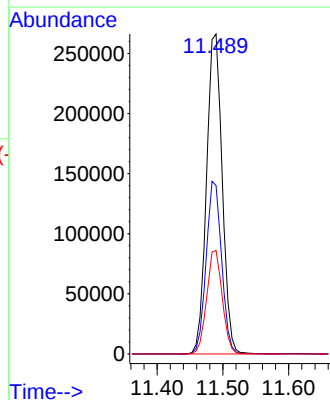
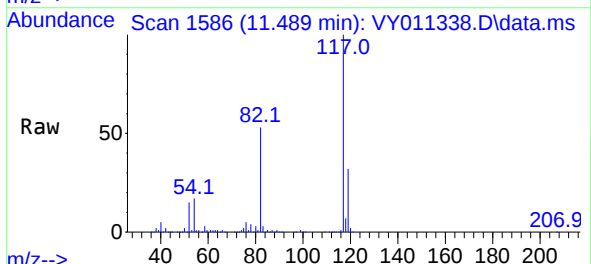
Instrument :
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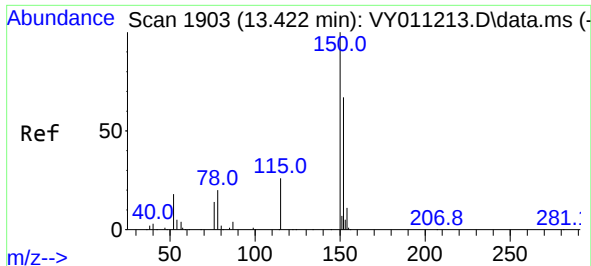
Tgt Ion: 95 Resp: 218549
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 117 Resp: 441496
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.4 25.4 38.0



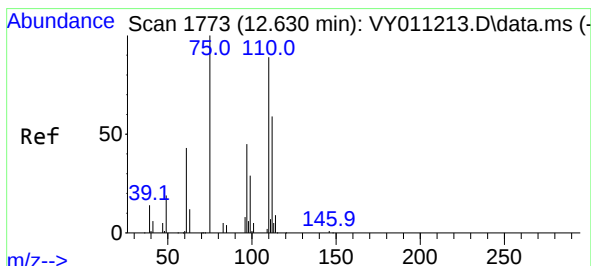
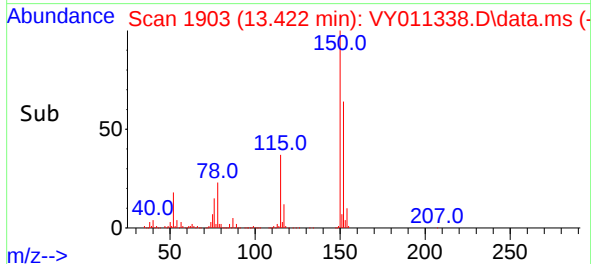
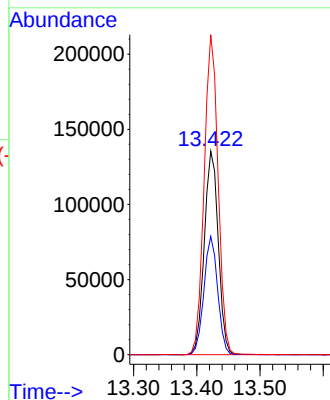
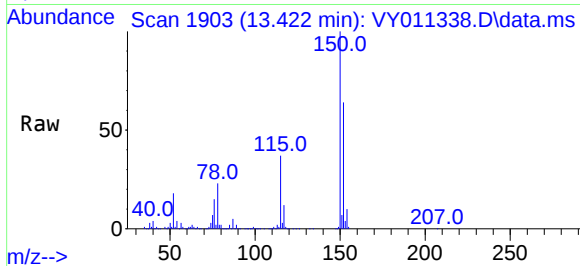


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011338.D
 Acq: 07 Nov 2022 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01

Tgt Ion:152 Resp: 209347

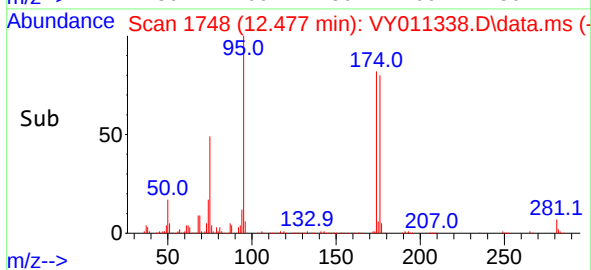
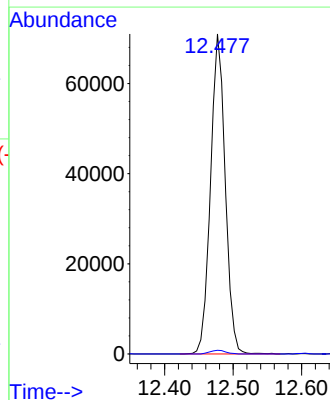
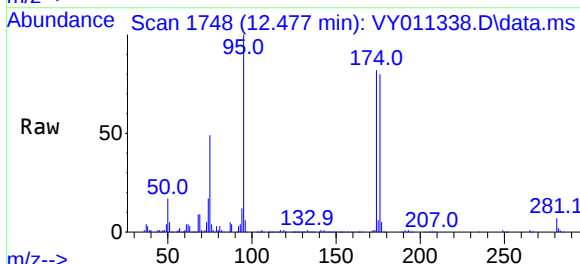
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	156.3	0.0	347.6

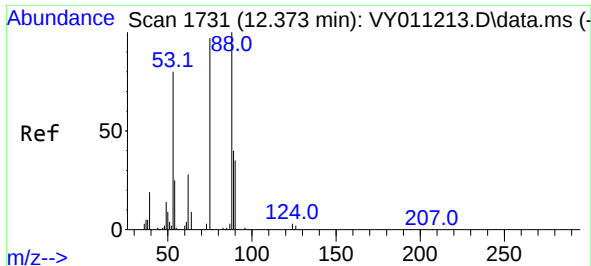


#76
 1,2,3-Trichloropropane
 Concen: 41.506 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011338.D
 Acq: 07 Nov 2022 16:25

Tgt Ion: 75 Resp: 105783

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

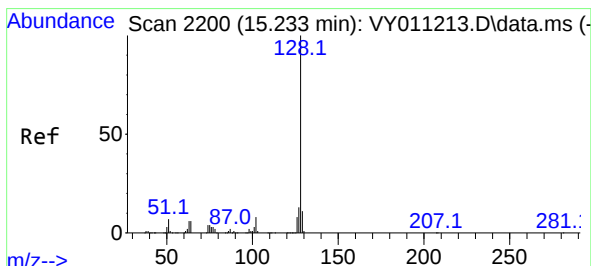
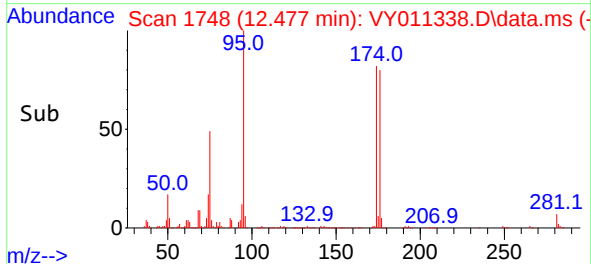
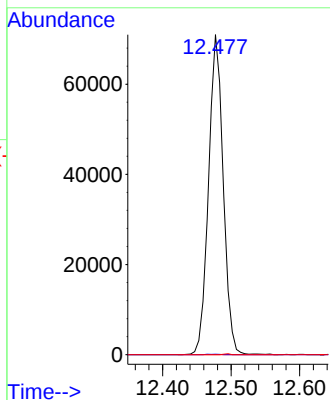
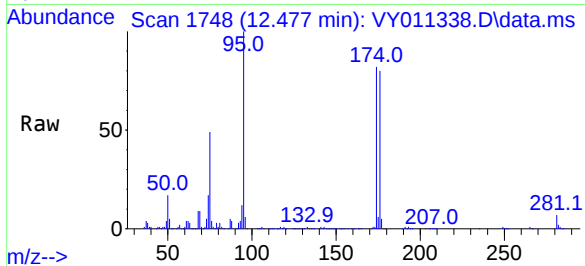




#81
trans-1,4-Dichloro-2-butene
Concen: 88.828 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

Tgt Ion: 75 Resp: 105783
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.996 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011338.D
Acq: 07 Nov 2022 16:25

Tgt Ion: 128 Resp: 278
Ion Ratio Lower Upper
128 100
127 8.6 11.0 16.4#
129 0.0 8.4 12.6#

