

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011472.D
 Acq On : 16 Nov 2022 14:45
 Operator : KP/MD
 Sample : N5641-02
 Misc : 7.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

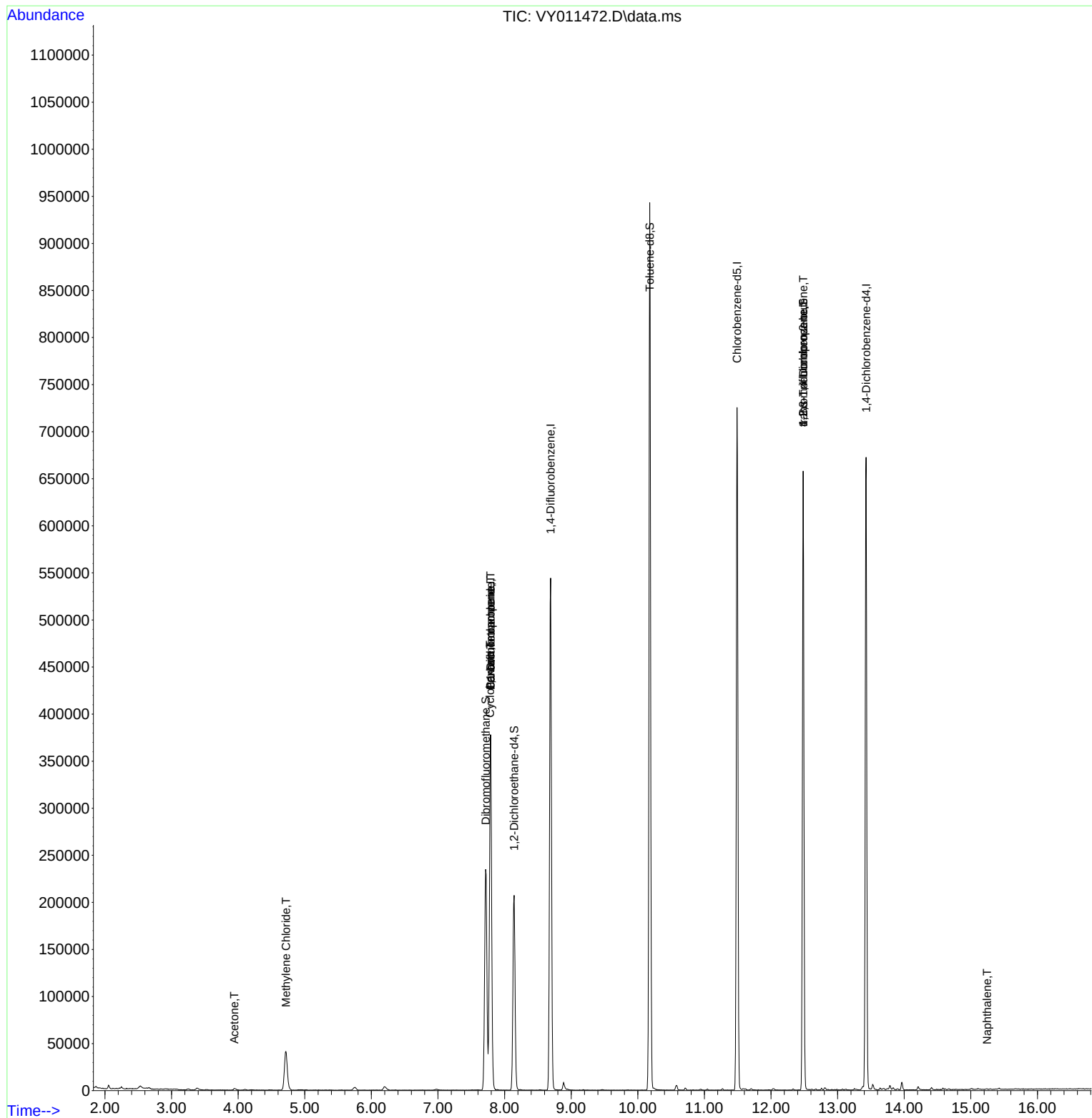
Internal Standards						
1) Pentafluorobenzene	7.789	168	307225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	497197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	434931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161716	62.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.640%	
35) Dibromofluoromethane	7.716	113	173621	62.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.620%	
50) Toluene-d8	10.179	98	632687	59.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.880%	
62) 4-Bromofluorobenzene	12.483	95	204183	54.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	116	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	457	Below Cal	#	77
16) Acetone	3.942	43	2905	4.276	ug/l #	71
18) Methyl Acetate	4.479	43	647	Below Cal	#	81
20) Methylene Chloride	4.716	84	34712	2.244	ug/l #	77
31) Cyclohexane	7.783	56	4903	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	19987	4.622	ug/l #	51
38) Carbon Tetrachloride	7.789	117	28558	6.071	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	97019	44.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	97019	106.602	ug/l #	7
95) Naphthalene	15.245	128	891	3.392	ug/l #	80

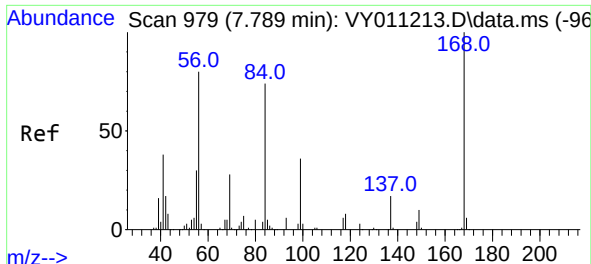
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

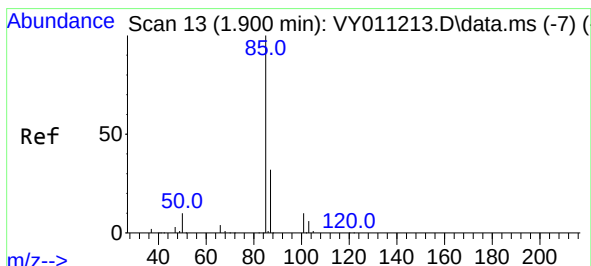
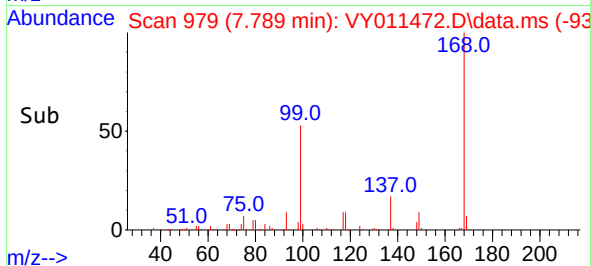
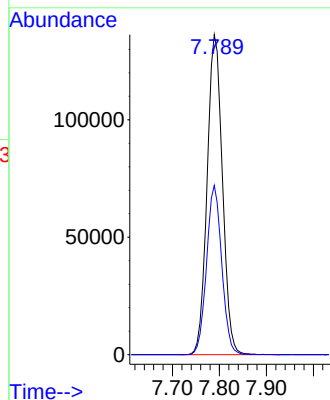
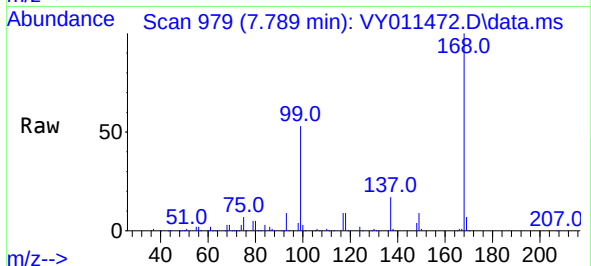




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

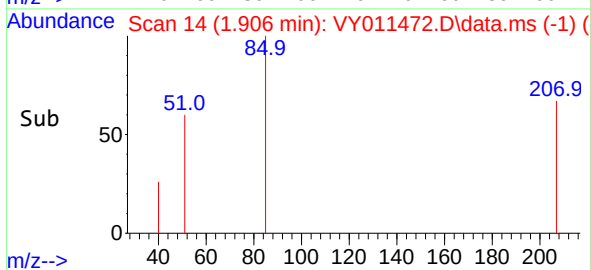
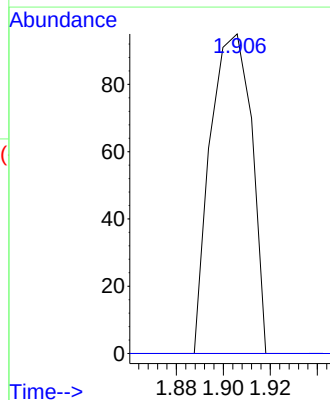
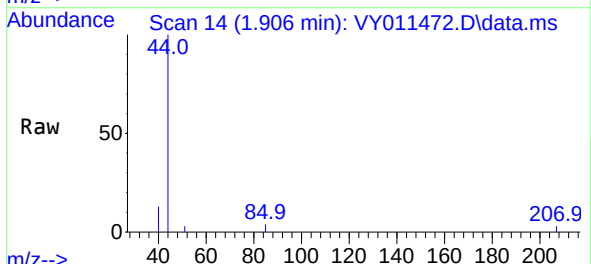
Instrument :
MSVOA_Y
ClientSampleId :

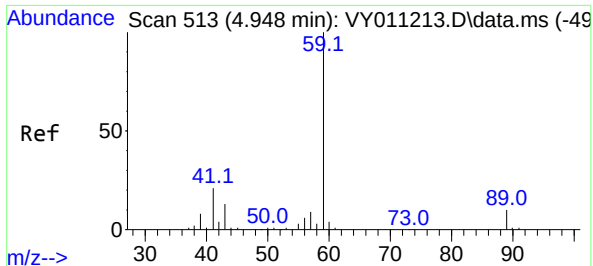
Tgt Ion:168 Resp: 307225
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 85 Resp: 116
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.018 min

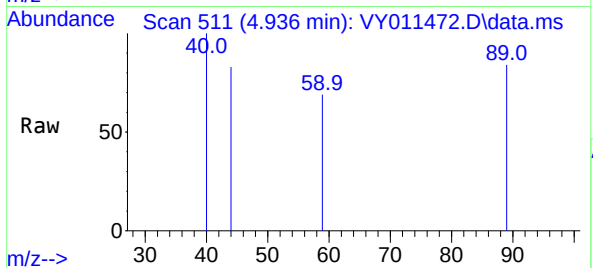
Lab File: VY011472.D

Acq: 16 Nov 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

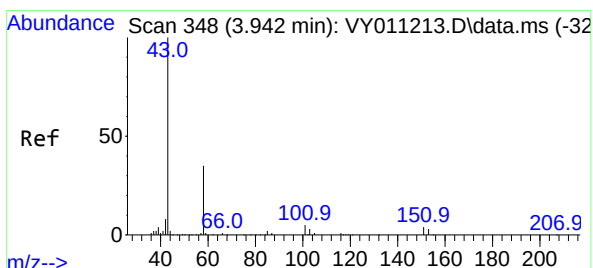
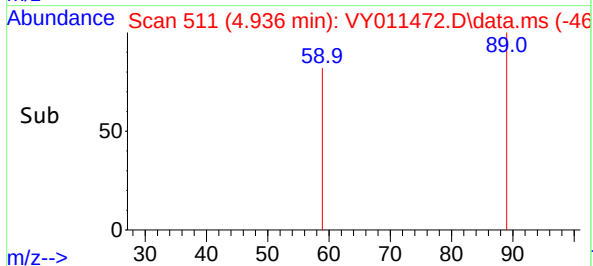
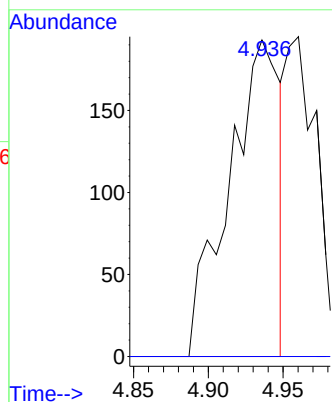


Tgt Ion: 59 Resp: 457

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.276 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011472.D

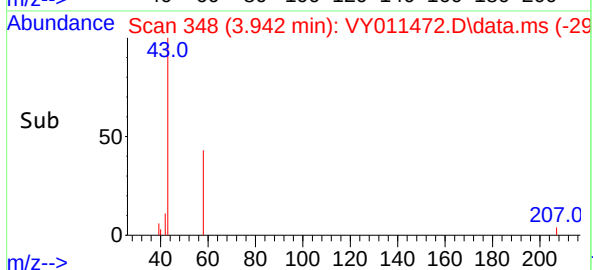
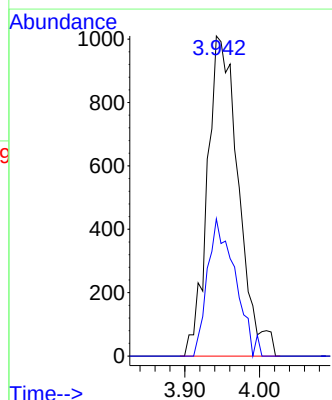
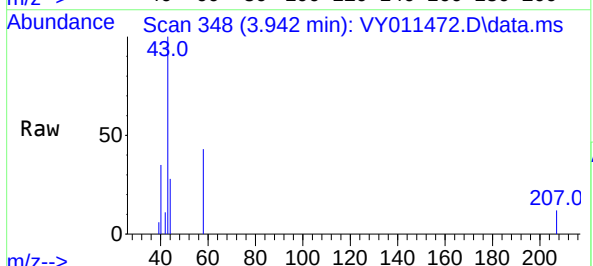
Acq: 16 Nov 2022 14:45

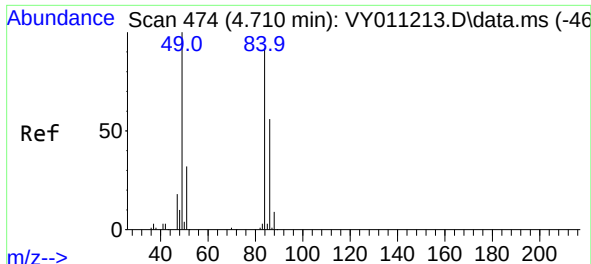
Tgt Ion: 43 Resp: 2905

Ion Ratio Lower Upper

43 100

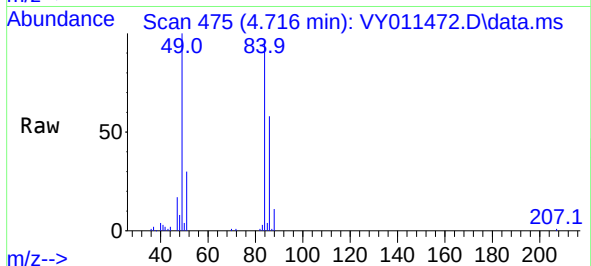
58 42.9 22.0 33.0#





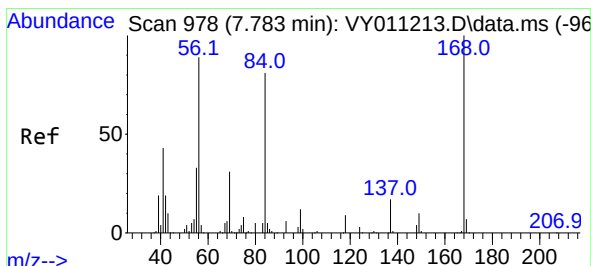
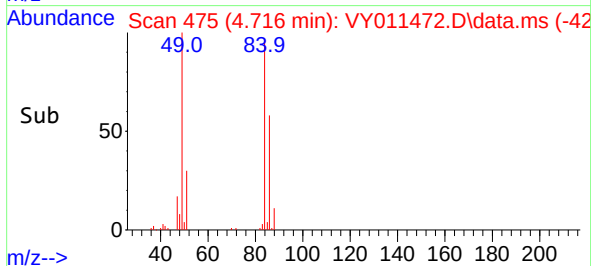
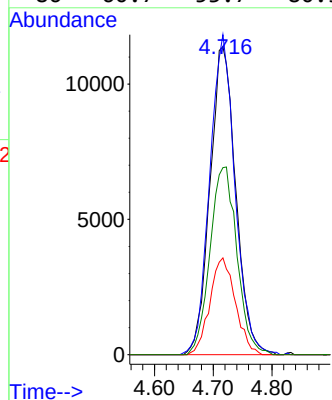
#20
Methylene Chloride
Concen: 2.244 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 34712

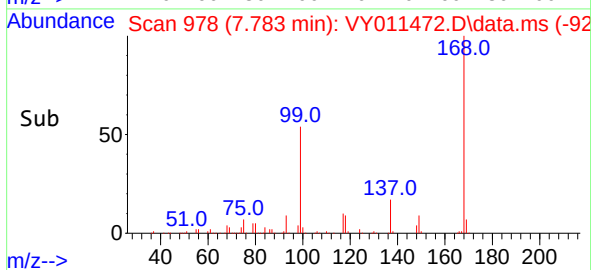
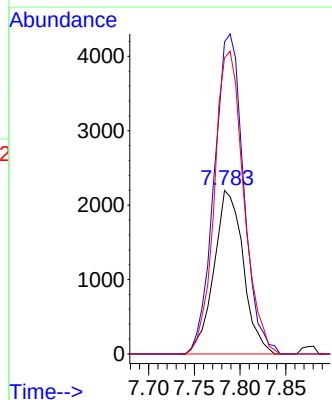
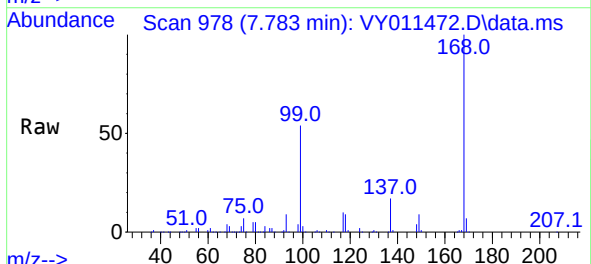
Ion	Ratio	Lower	Upper
84	100		
49	103.9	114.4	171.6#
51	31.4	35.3	52.9#
86	60.7	53.7	80.5

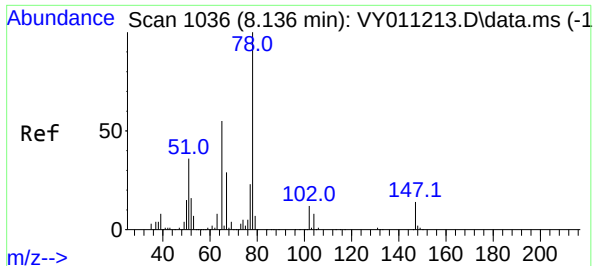


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 56 Resp: 4903

Ion	Ratio	Lower	Upper
56	100		
69	190.7	26.7	40.1#
84	181.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.816 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY011472.D

Acq: 16 Nov 2022 14:45

Instrument :

MSVOA_Y

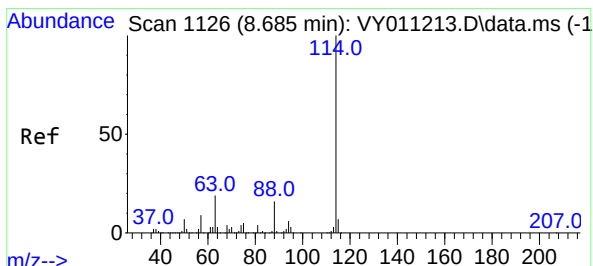
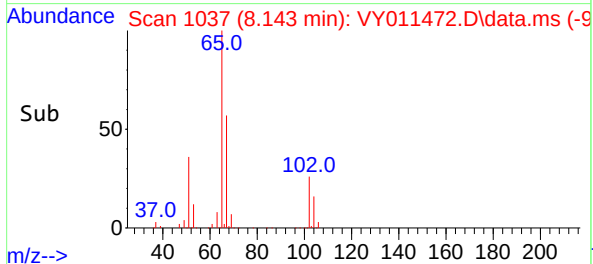
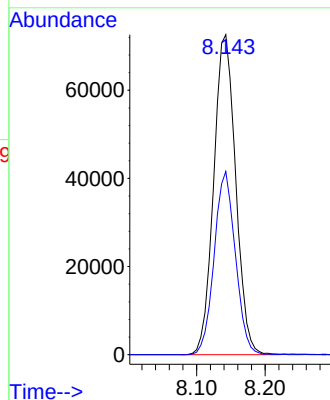
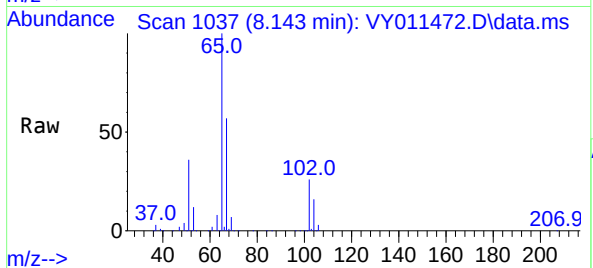
ClientSampleId :

Tgt Ion: 65 Resp: 161716

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011472.D

Acq: 16 Nov 2022 14:45

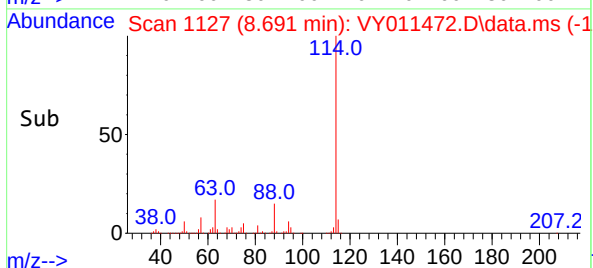
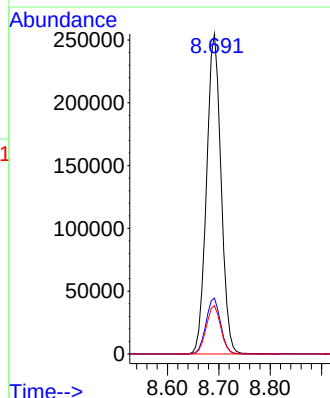
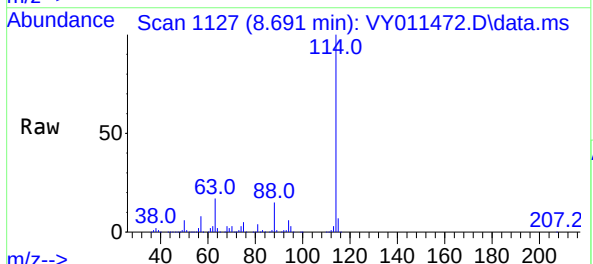
Tgt Ion: 114 Resp: 497197

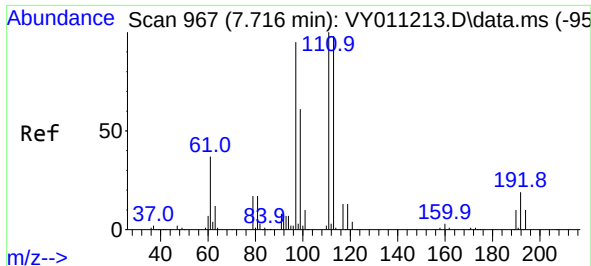
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

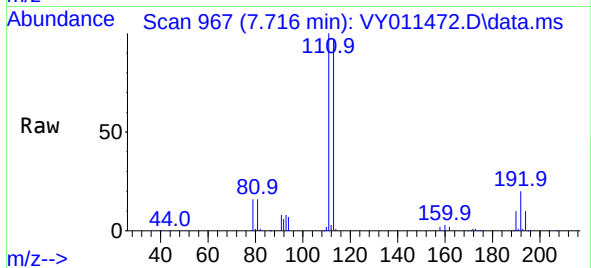
88 15.1 0.0 31.8



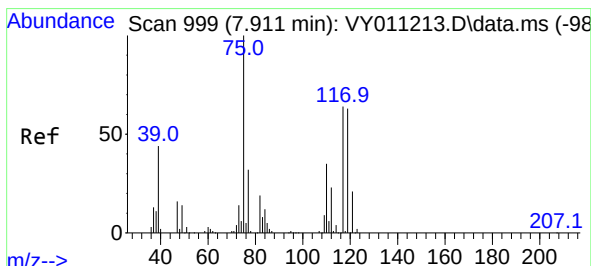
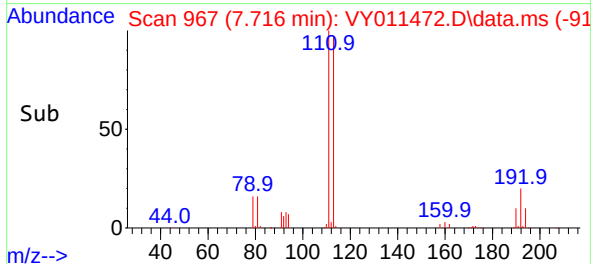
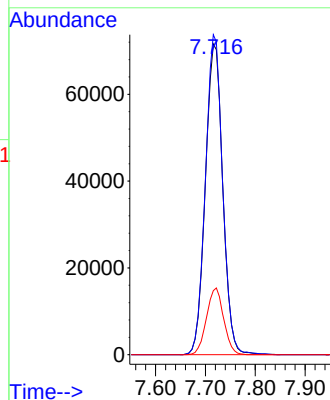


#35
Dibromofluoromethane
Concen: 62.310 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :

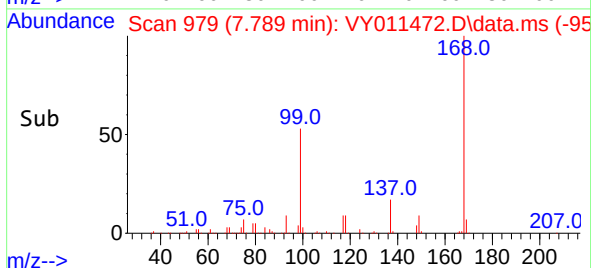
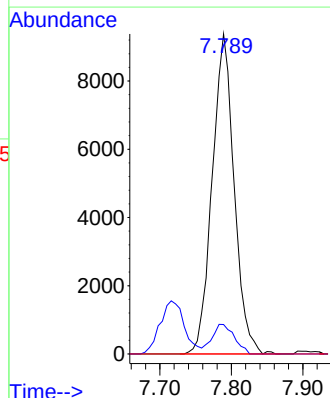
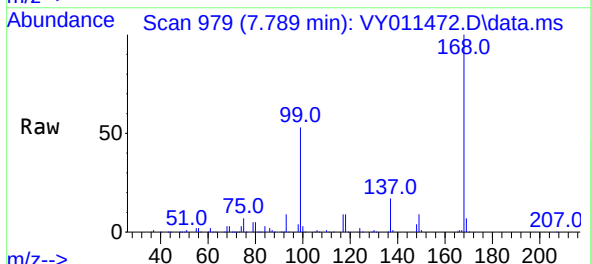


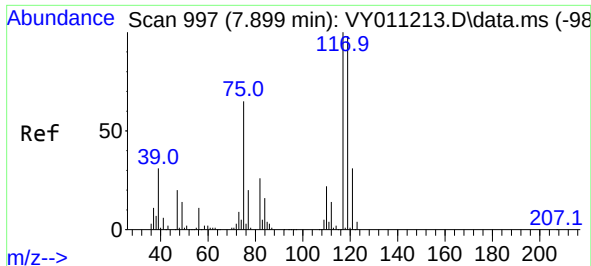
Tgt Ion:113 Resp: 173621
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

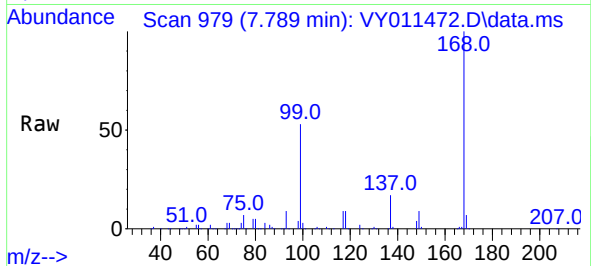
Tgt Ion: 75 Resp: 19987
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



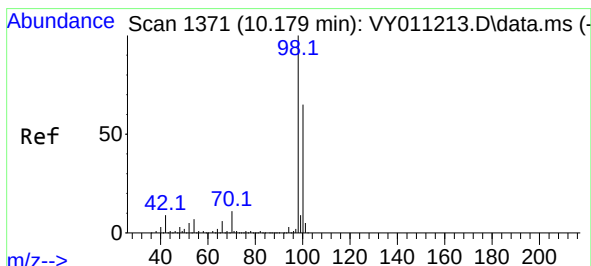
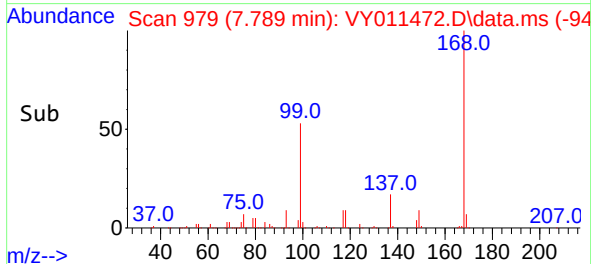
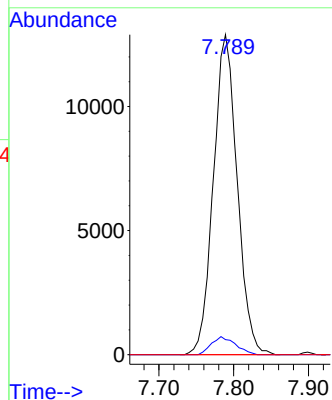


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :

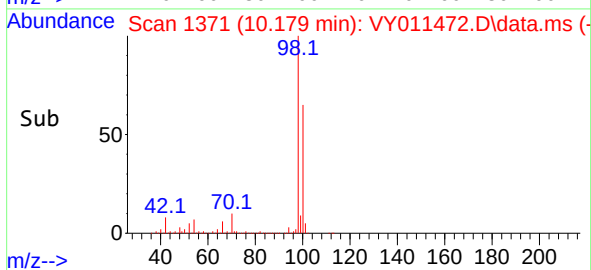
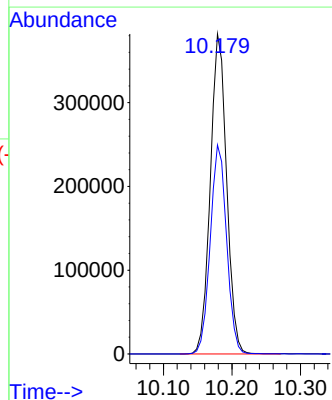
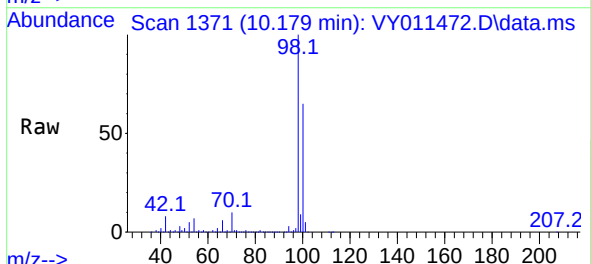


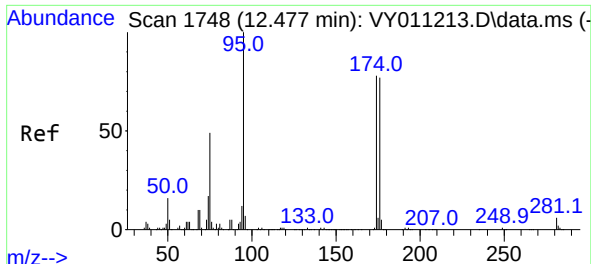
Tgt Ion:117 Resp: 28558
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.436 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 98 Resp: 632687
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

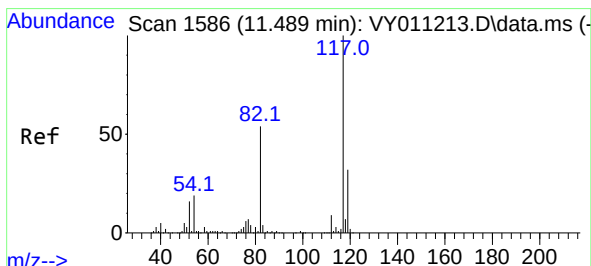
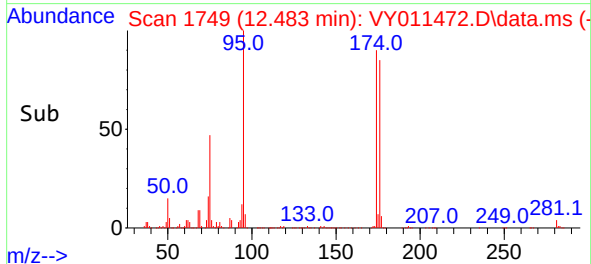
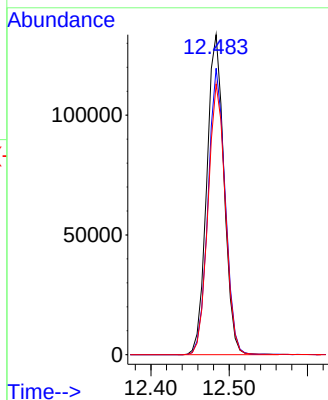
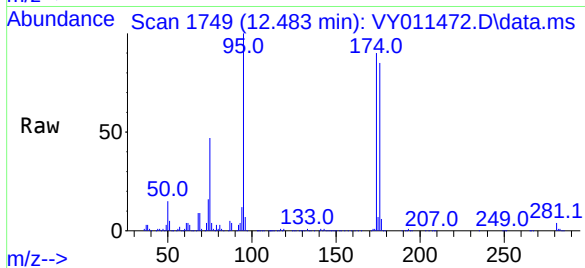




#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

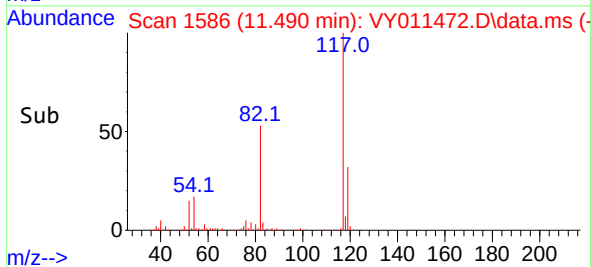
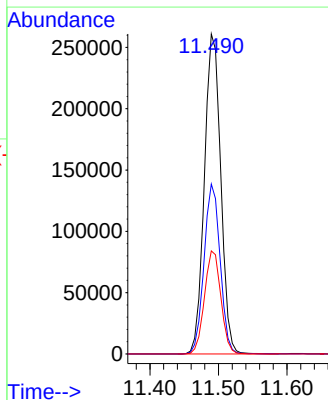
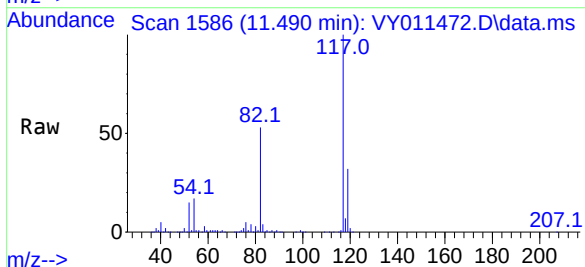
Instrument :
MSVOA_Y
ClientSampleId :

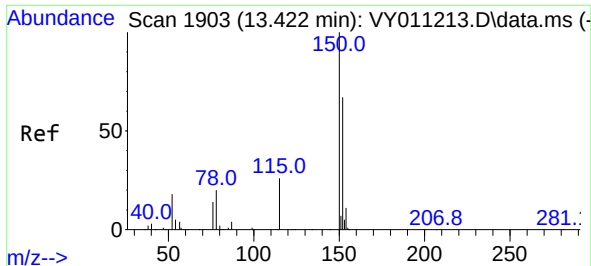
Tgt Ion: 95 Resp: 204183
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion:117 Resp: 434931
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0



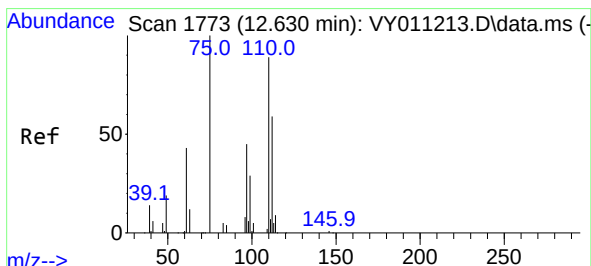
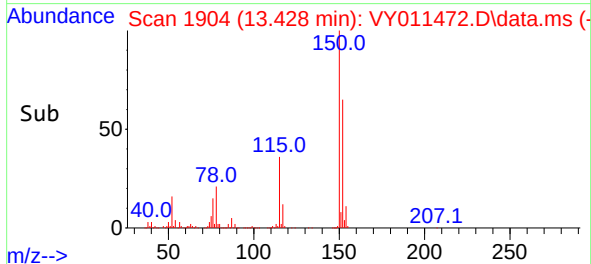
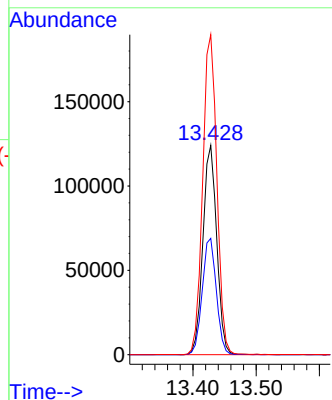
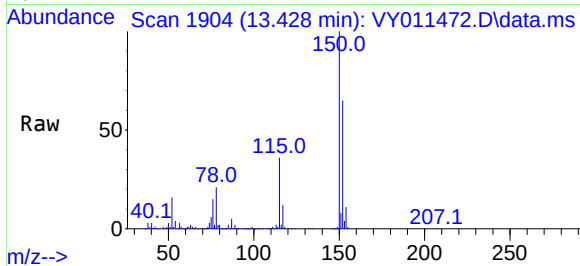


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011472.D
 Acq: 16 Nov 2022 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 188990

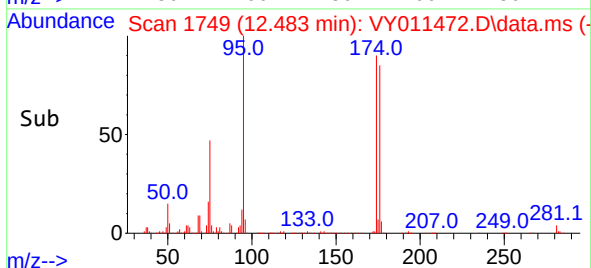
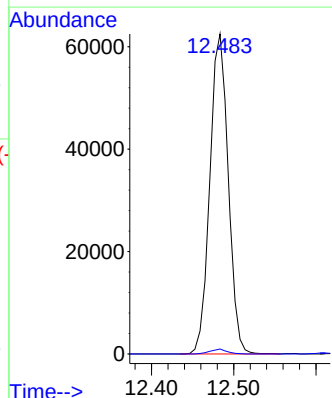
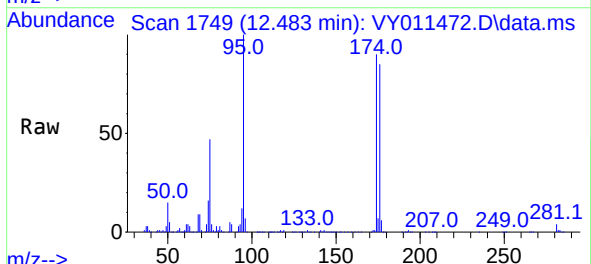
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	156.8	0.0	347.6

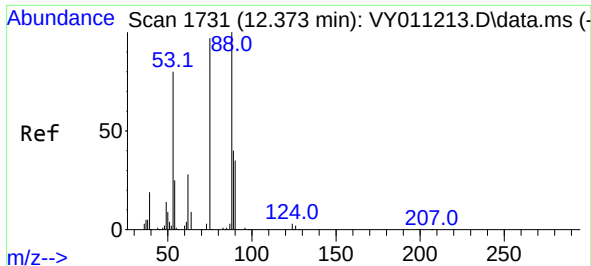


#76
 1,2,3-Trichloropropane
 Concen: 44.349 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011472.D
 Acq: 16 Nov 2022 14:45

Tgt Ion: 75 Resp: 97019

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

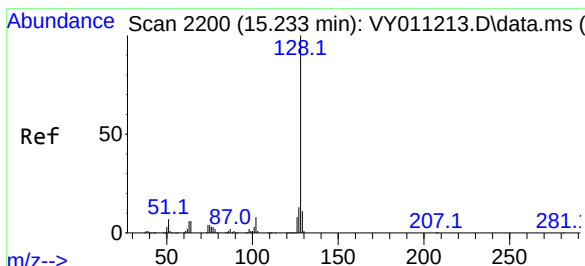
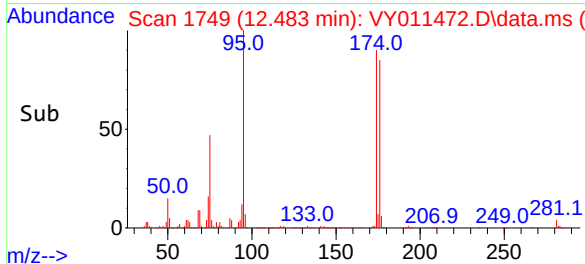
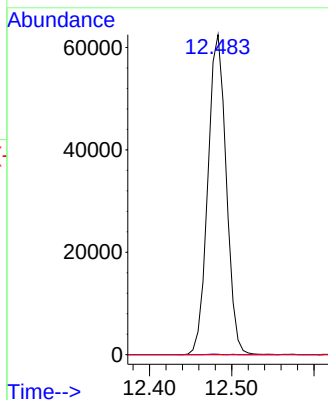
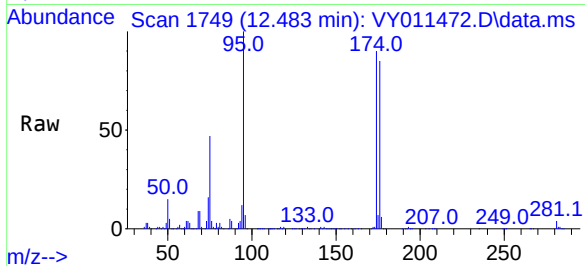




#81
trans-1,4-Dichloro-2-butene
Concen: 106.602 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 97019
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.392 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 128 Resp: 891
Ion Ratio Lower Upper
128 100
127 4.9 11.0 16.4#
129 3.6 8.4 12.6#

