

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011466.D
 Acq On : 16 Nov 2022 12:24
 Operator : KP/MD
 Sample : VY1116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:15:02 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)

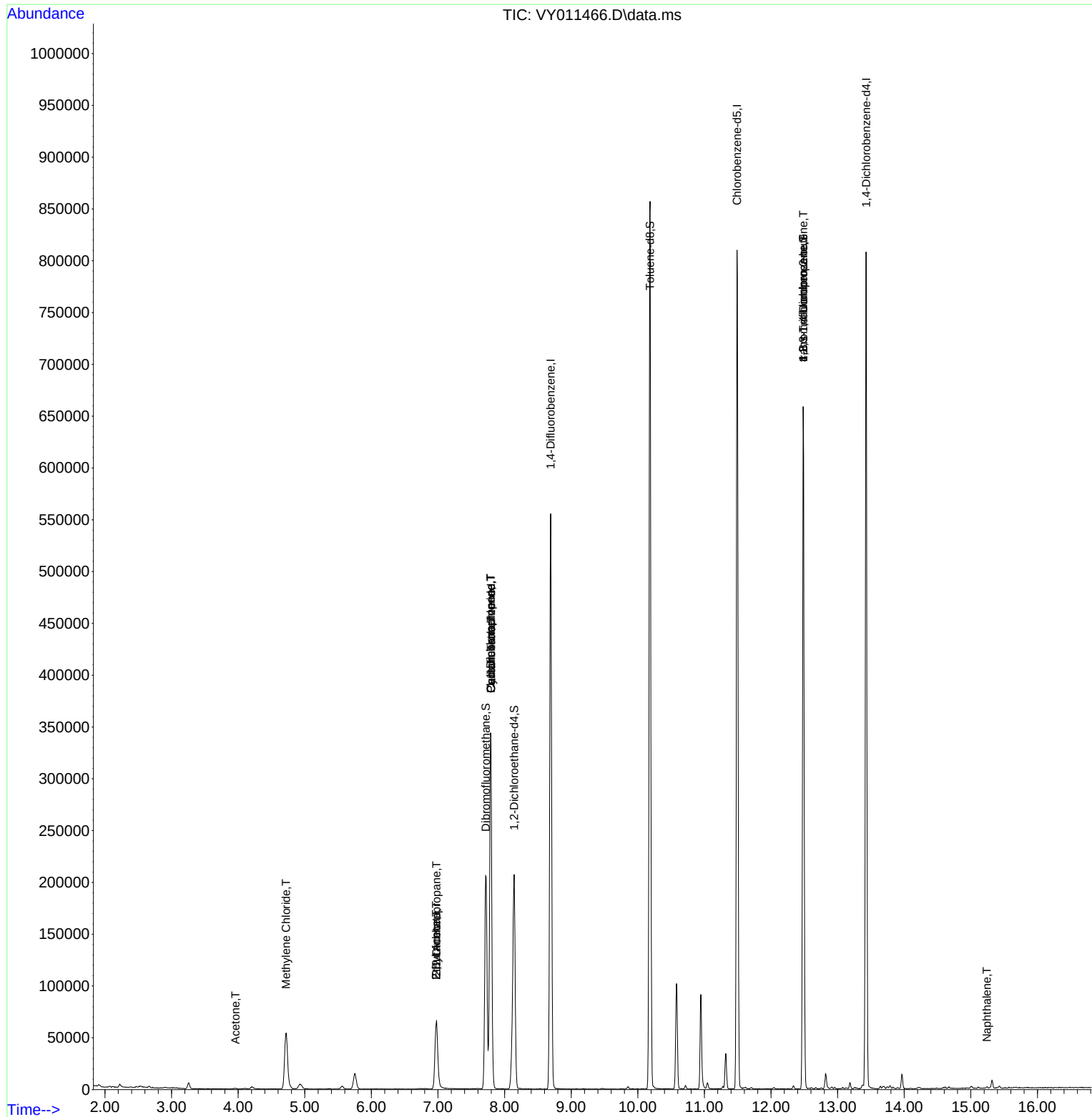
Internal Standards						
1) Pentafluorobenzene	7.795	168	283321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	508223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	481488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	146618	61.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.716	113	154175	54.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	590073	54.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.483	95	197132	51.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1549	Below Cal		98
11) Tert butyl alcohol	4.936	59	5371	Below Cal	#	77
16) Acetone	3.960	43	1146	1.829	ug/l	96
18) Methyl Acetate	4.485	43	230	Below Cal	#	56
20) Methylene Chloride	4.716	84	45408	6.871	ug/l	# 78
25) 2-Butanone	6.972	43	2703	3.029	ug/l	93
26) 2,2-Dichloropropane	6.978	77	5373	1.205	ug/l	# 55
31) Cyclohexane	7.795	56	4430	1.038	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	19134	4.328	ug/l	# 51
37) Ethyl Acetate	6.972	43	2703	1.273	ug/l	# 1
38) Carbon Tetrachloride	7.795	117	27000	5.615	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	93159	36.387	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	93159	87.463	ug/l	# 7
95) Naphthalene	15.239	128	1687	3.464	ug/l	# 84

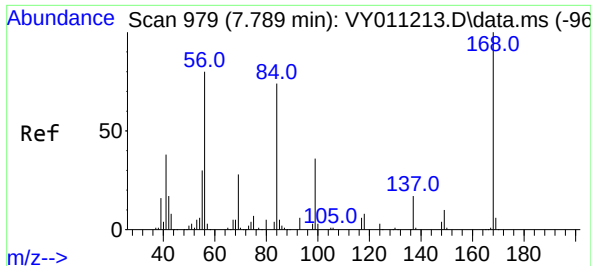
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

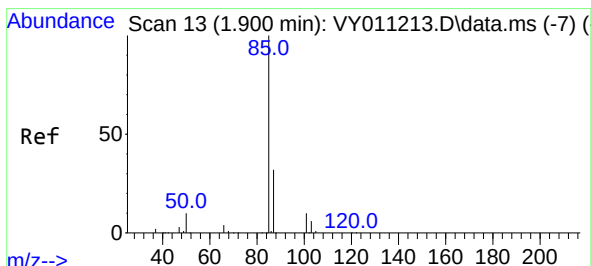
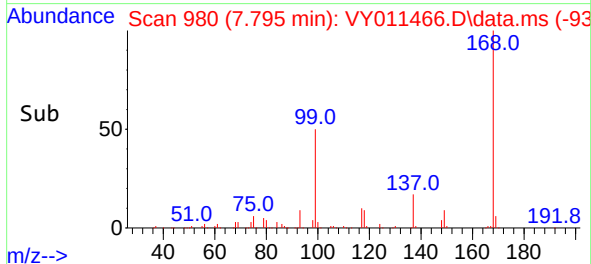
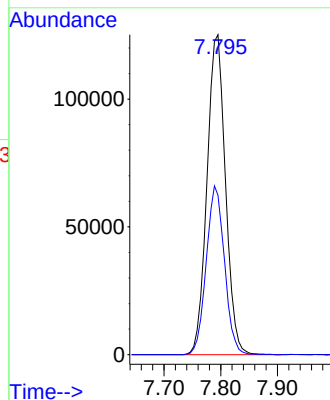
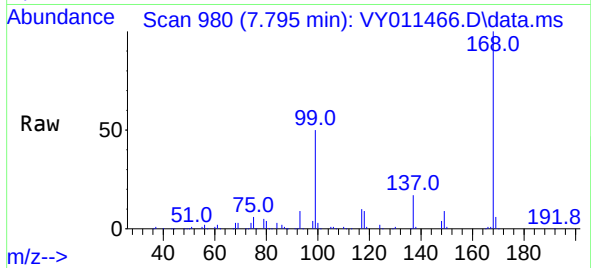




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

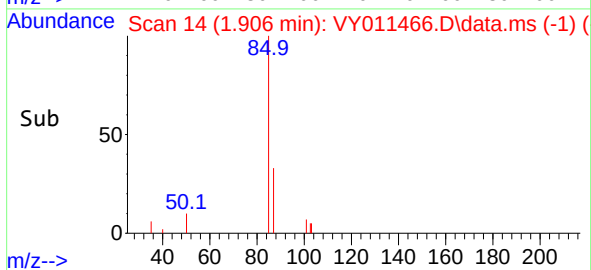
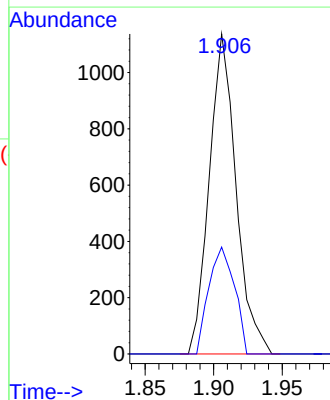
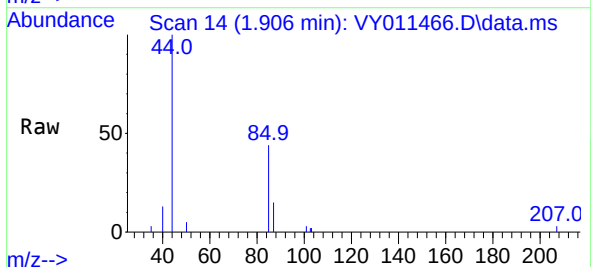
Instrument :
MSVOA_Y
ClientSampleId :

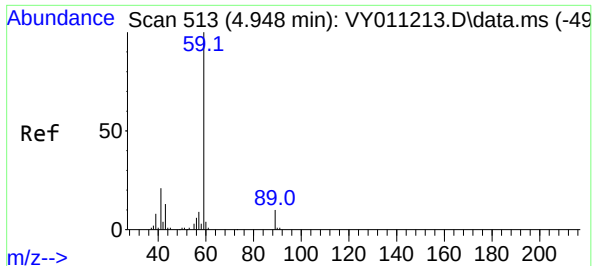
Tgt Ion:168 Resp: 283321
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Tgt Ion: 85 Resp: 1549
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY011466.D

Acq: 16 Nov 2022 12:24

Instrument :

MSVOA_Y

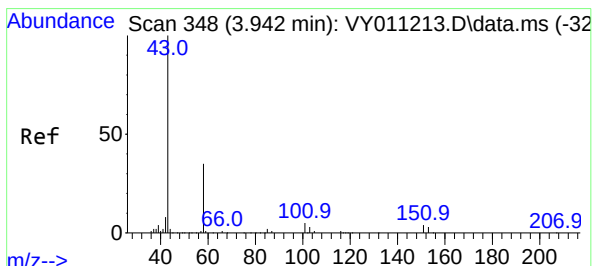
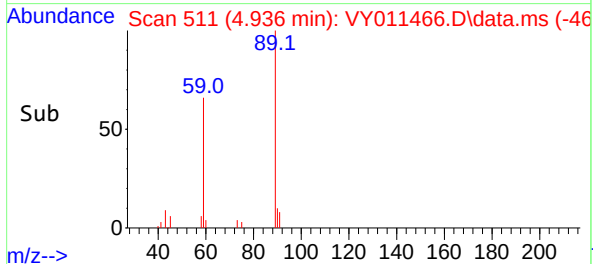
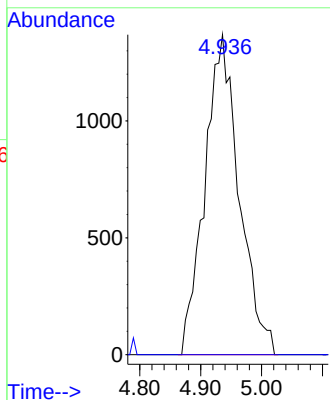
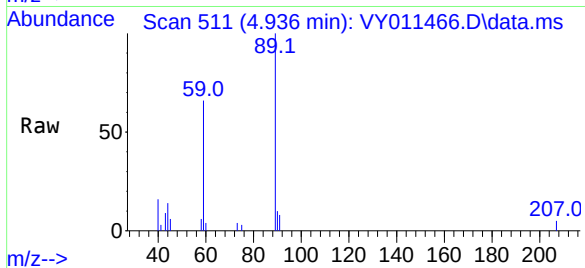
ClientSampleId :

Tgt Ion: 59 Resp: 5371

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.829 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.018 min

Lab File: VY011466.D

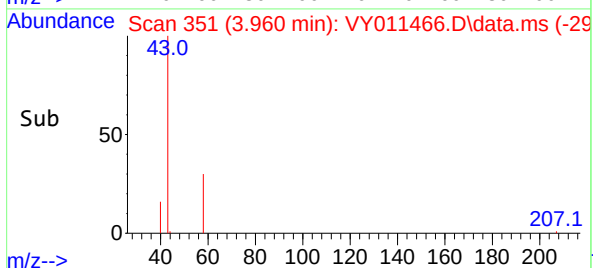
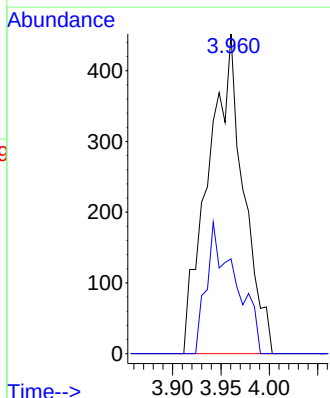
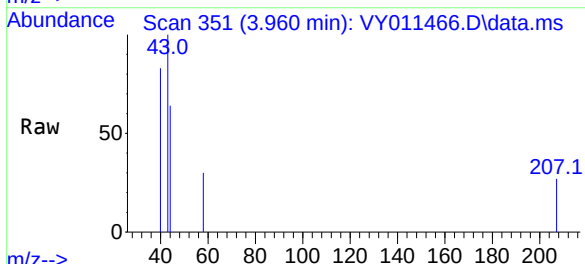
Acq: 16 Nov 2022 12:24

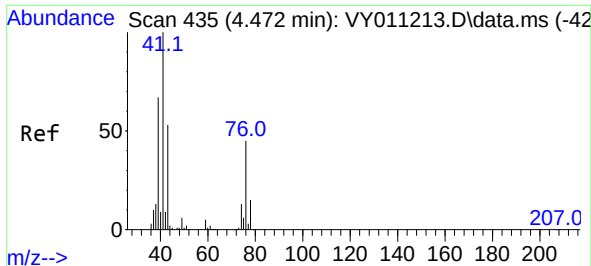
Tgt Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

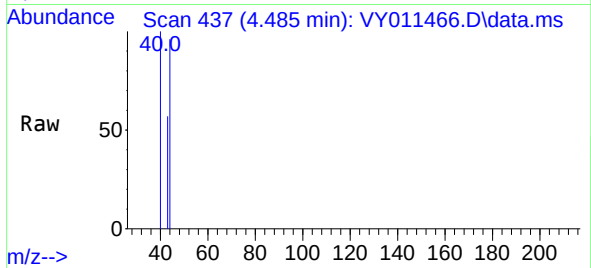
58 29.6 22.0 33.0



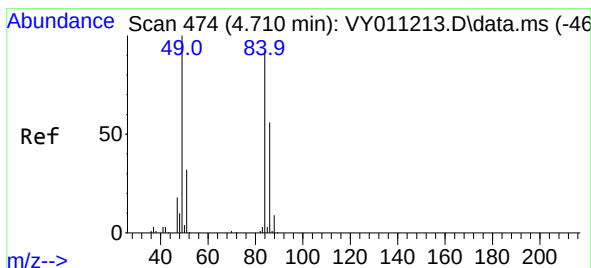
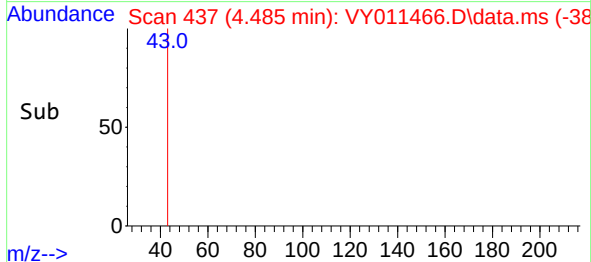
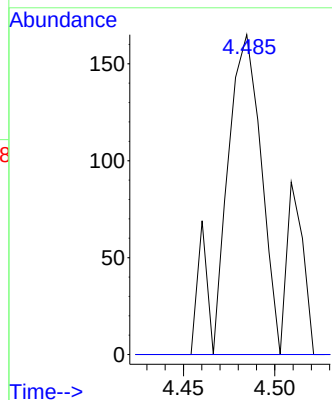


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

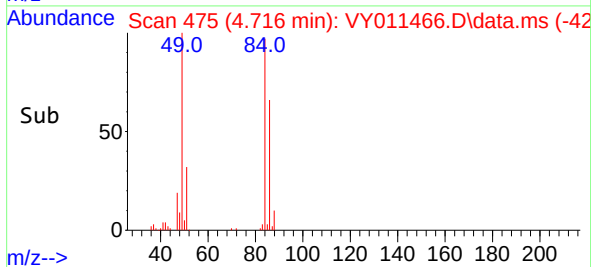
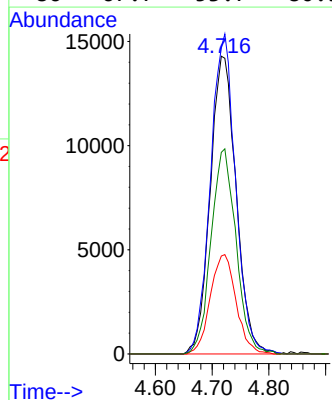
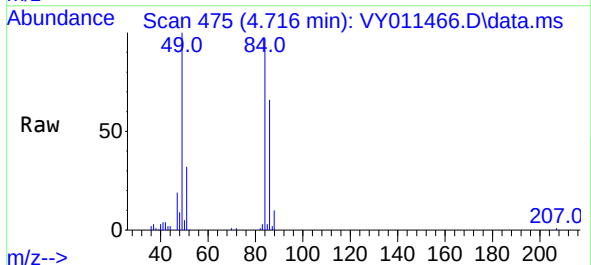


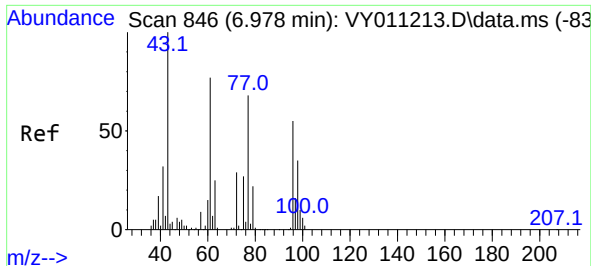
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 6.871 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

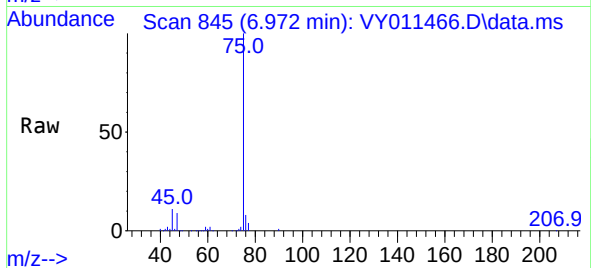
Tgt Ion: 84 Resp: 45408
Ion Ratio Lower Upper
84 100
49 102.8 114.4 171.6#
51 32.9 35.3 52.9#
86 67.7 53.7 80.5



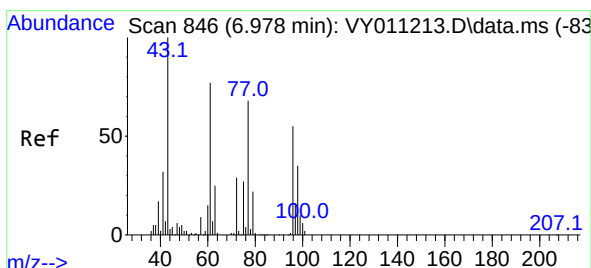
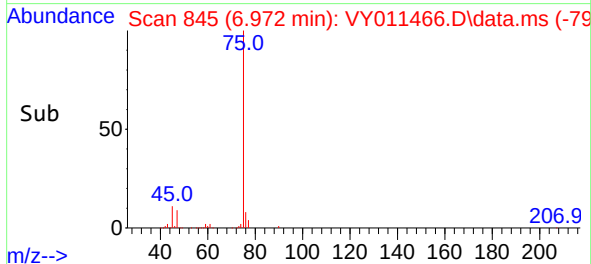
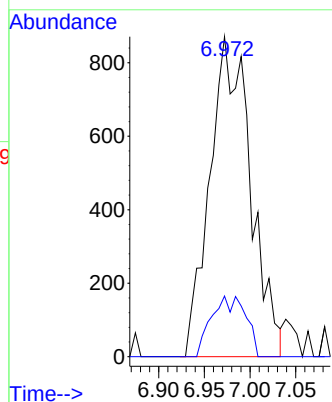


#25
2-Butanone
Concen: 3.029 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

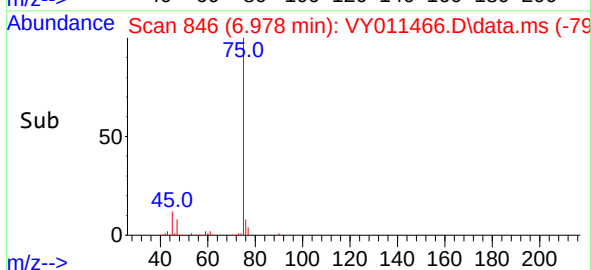
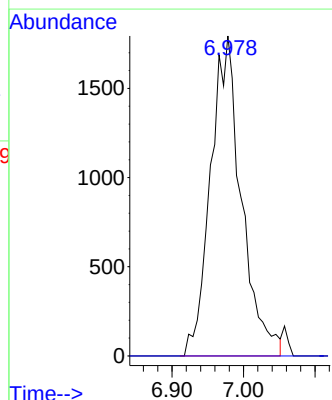
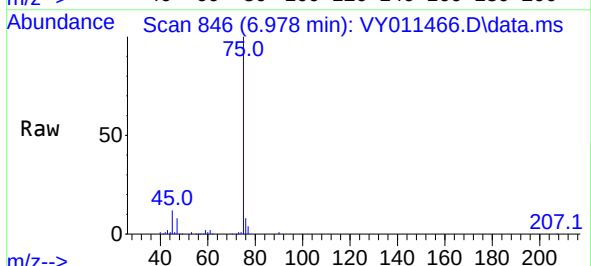


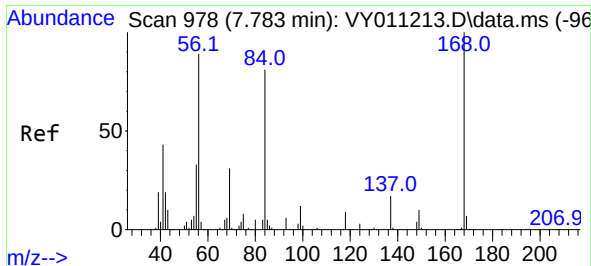
Tgt Ion: 43 Resp: 2703
Ion Ratio Lower Upper
43 100
72 18.9 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.205 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

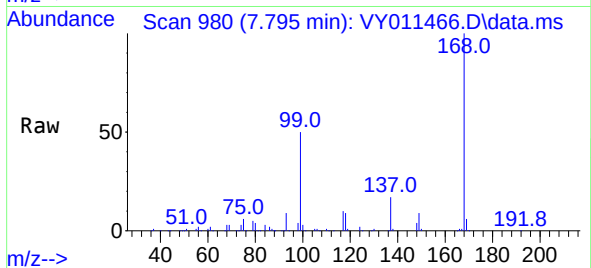
Tgt Ion: 77 Resp: 5373
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



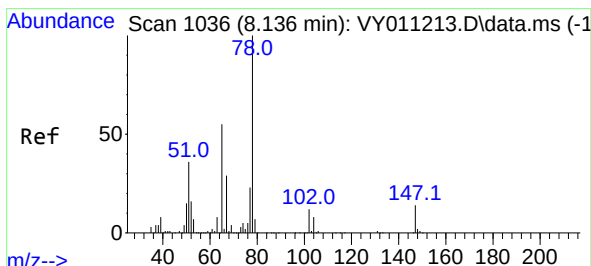
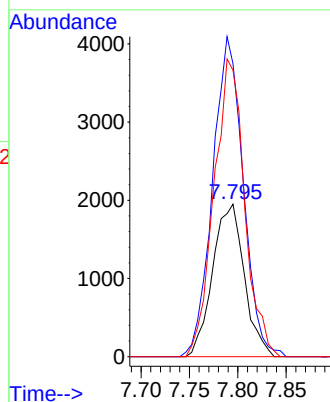
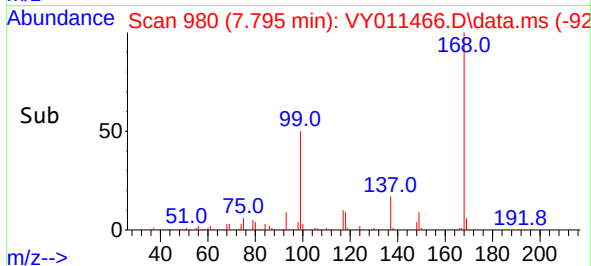


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

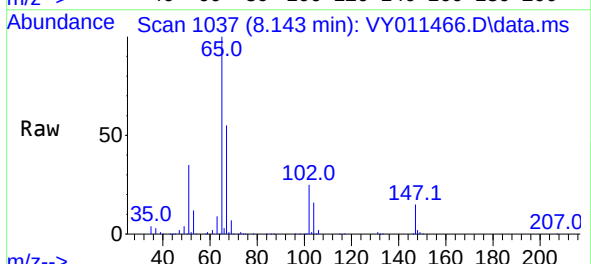
Instrument :
MSVOA_Y
ClientSampleId :



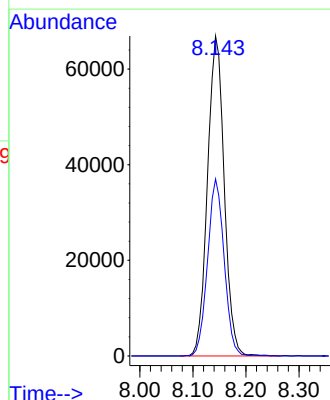
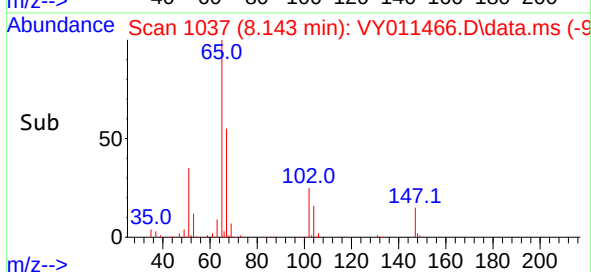
Tgt Ion: 56 Resp: 4430
Ion Ratio Lower Upper
56 100
69 192.2 26.7 40.1#
84 187.8 67.2 100.8#

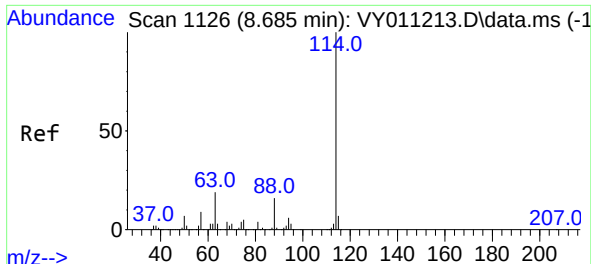


#33
1,2-Dichloroethane-d4
Concen: 61.756 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24



Tgt Ion: 65 Resp: 146618
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011466.D

Acq: 16 Nov 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

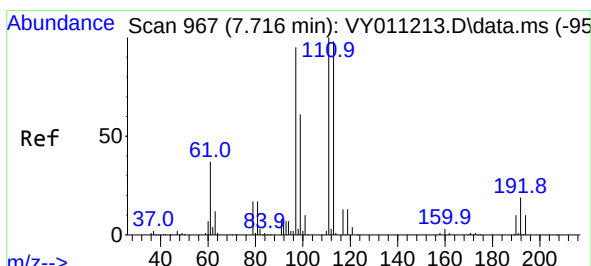
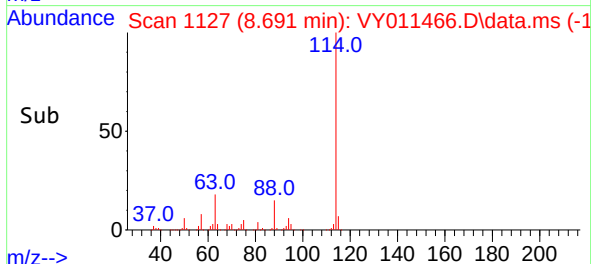
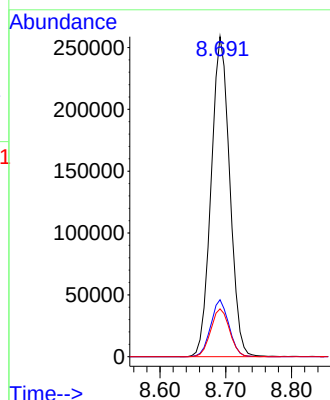
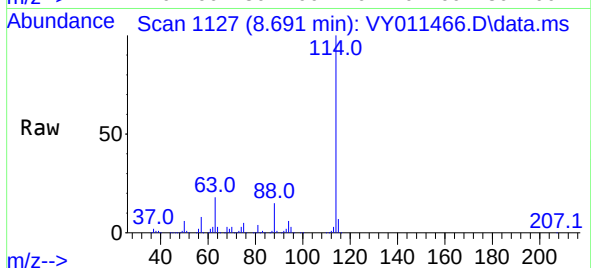
Tgt Ion:114 Resp: 508223

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.131 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011466.D

Acq: 16 Nov 2022 12:24

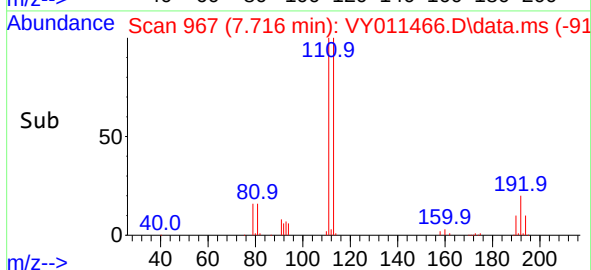
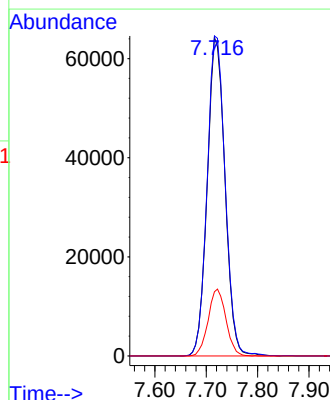
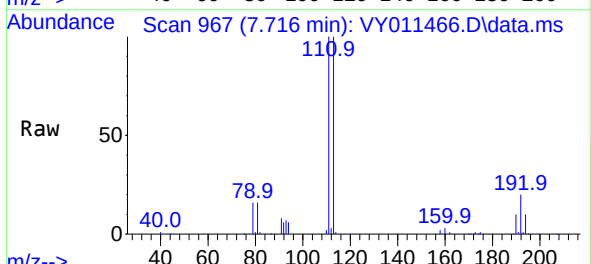
Tgt Ion:113 Resp: 154175

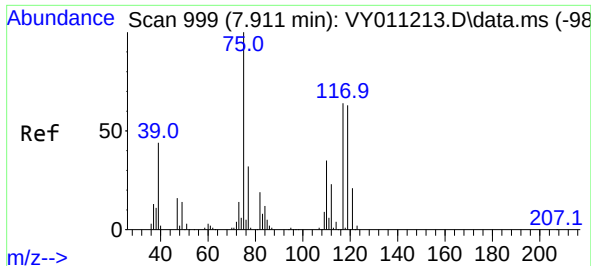
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

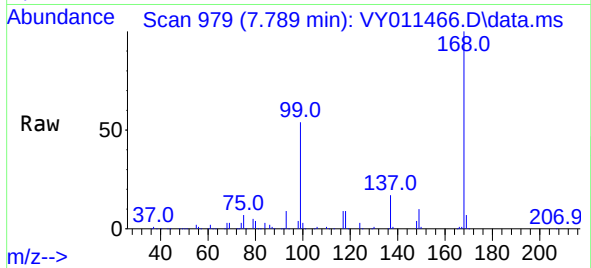
192 21.1 17.6 26.4



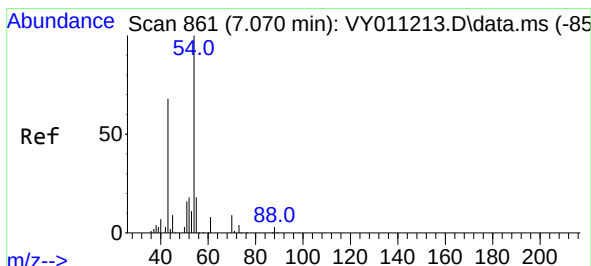
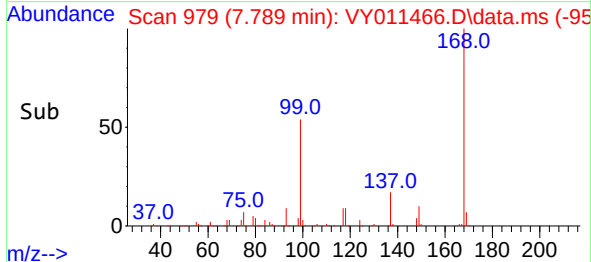
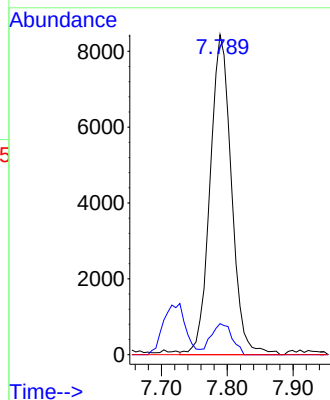


#36
1,1-Dichloropropene
Concen: 4.328 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

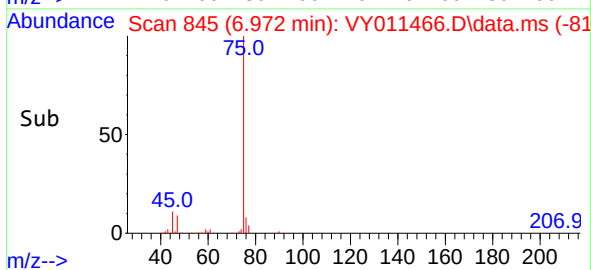
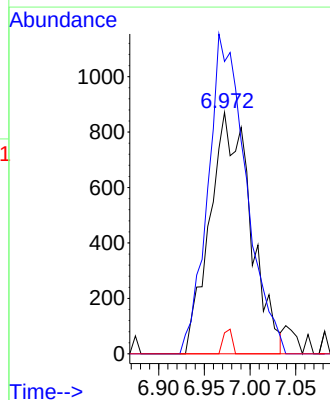
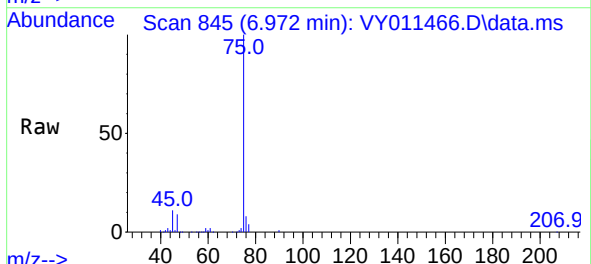


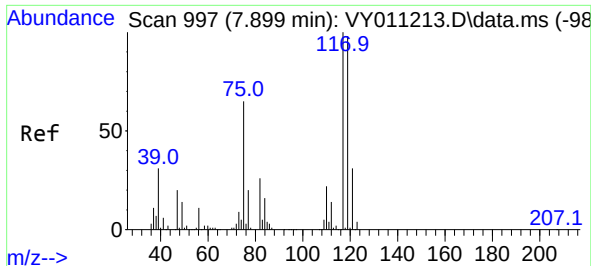
Tgt Ion: 75 Resp: 19134
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.273 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

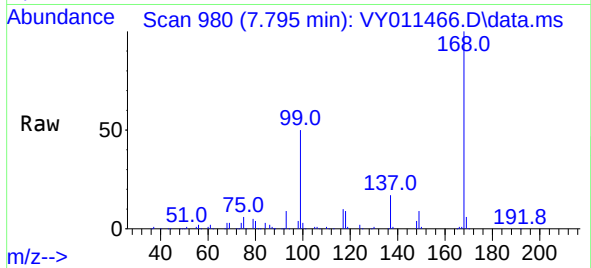
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Ion Ratio Lower Upper
43 100
61 123.8 9.7 14.5#
70 2.2 7.1 10.7#



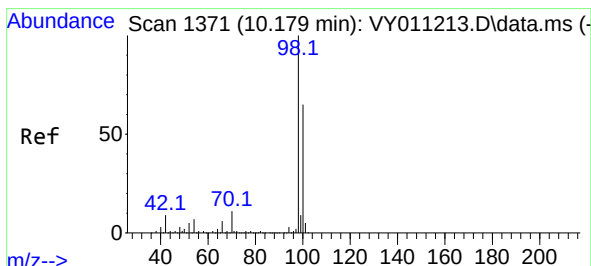
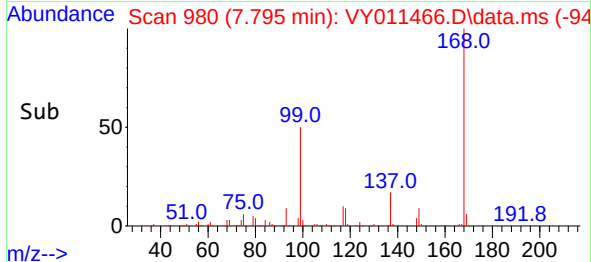
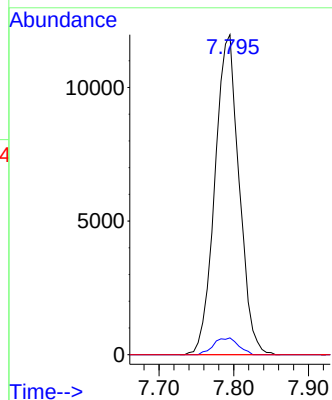


#38
Carbon Tetrachloride
Concen: 5.615 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

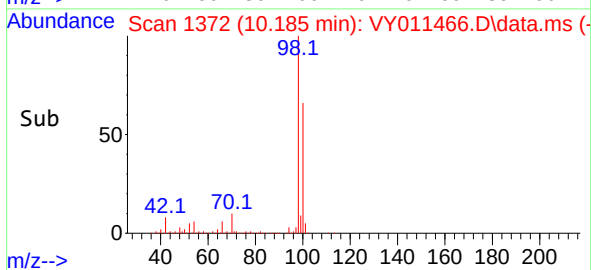
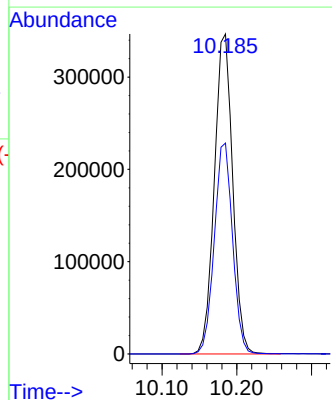
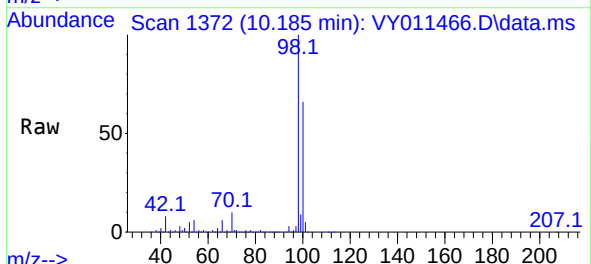


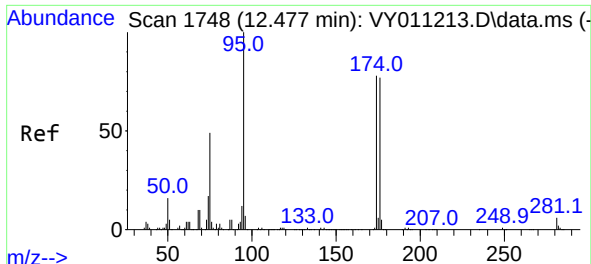
Tgt Ion:117 Resp: 27000
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.230 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

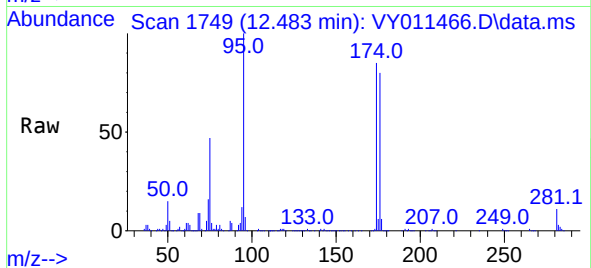
Tgt Ion: 98 Resp: 590073
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



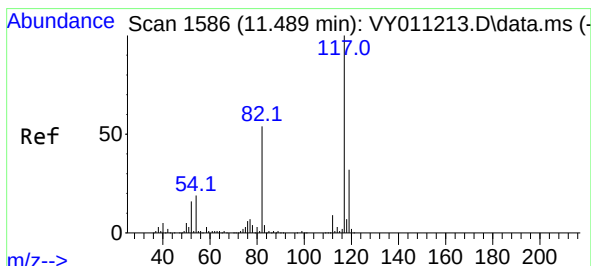
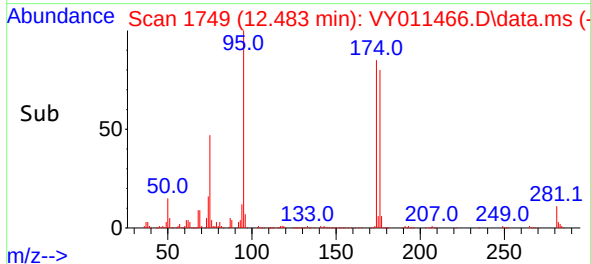
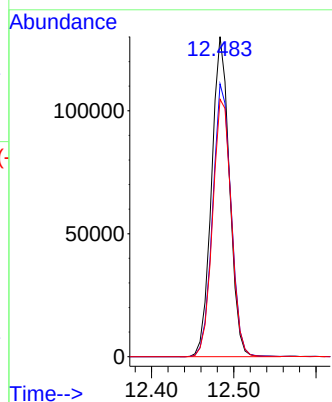


#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

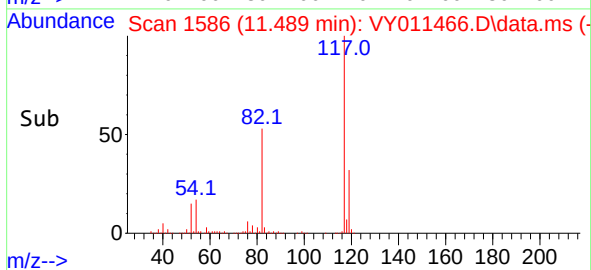
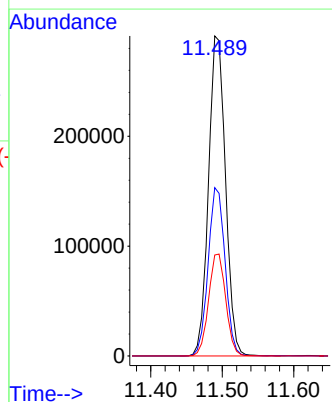
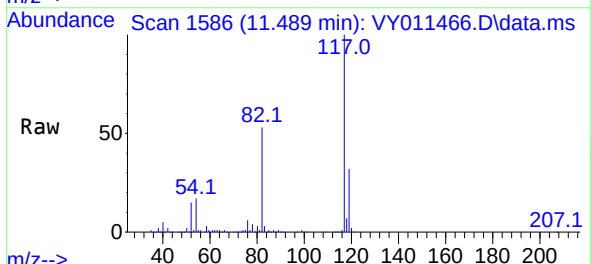


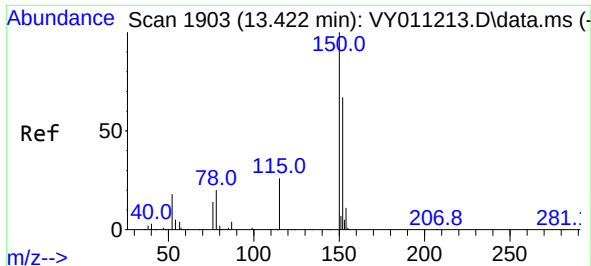
Tgt Ion: 95 Resp: 197132
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Tgt Ion: 117 Resp: 481488
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0

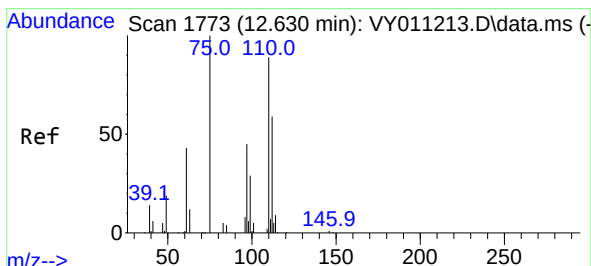
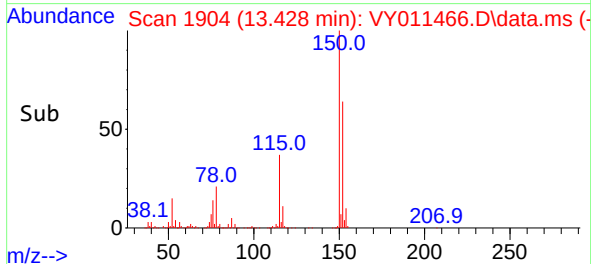
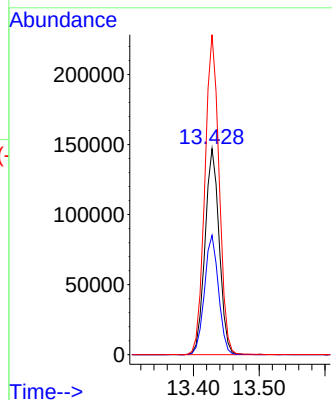
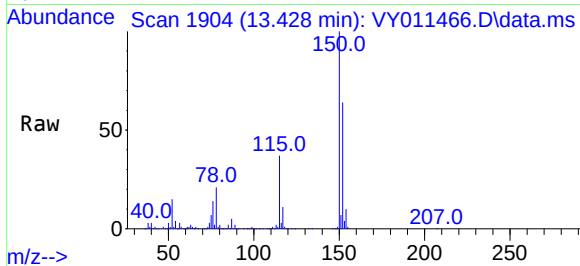




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011466.D
 Acq: 16 Nov 2022 12:24

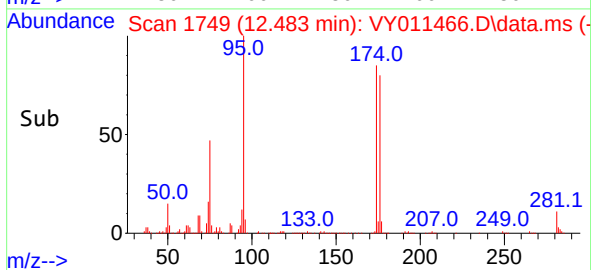
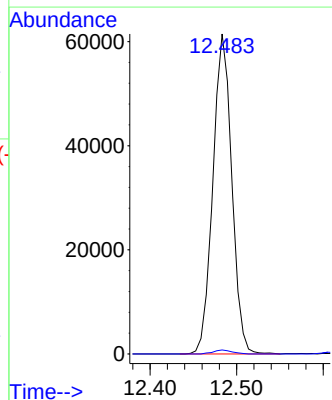
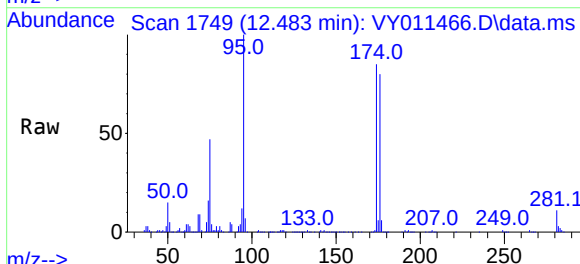
Instrument :
 MSVOA_Y
 ClientSampleId :

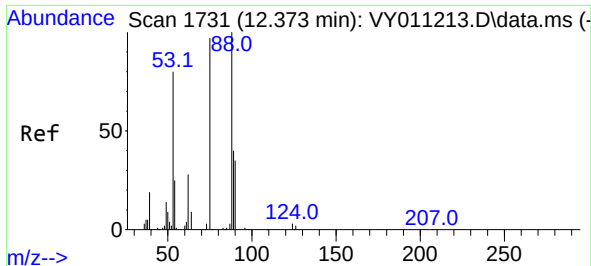
Tgt Ion:152 Resp: 221181
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 36.387 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011466.D
 Acq: 16 Nov 2022 12:24

Tgt Ion: 75 Resp: 93159
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

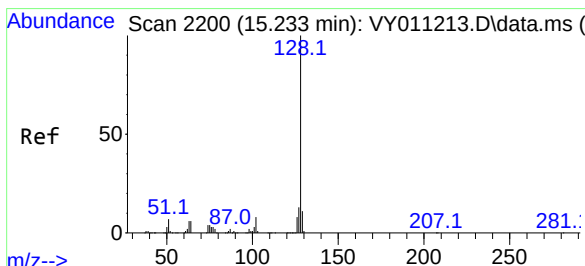
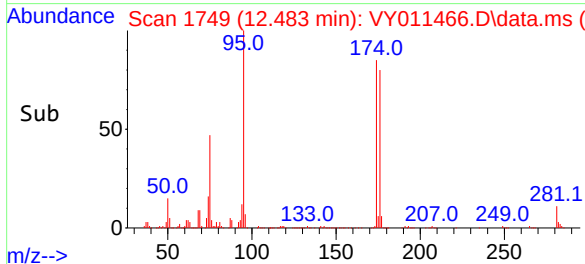
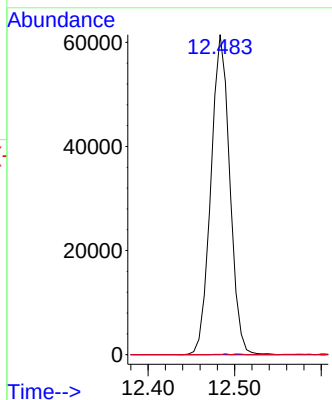
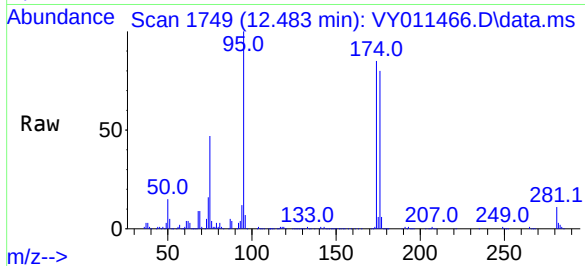




#81
trans-1,4-Dichloro-2-butene
Concen: 87.463 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 93159
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.464 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011466.D
Acq: 16 Nov 2022 12:24

Tgt Ion: 128 Resp: 1687
Ion Ratio Lower Upper
128 100
127 8.7 11.0 16.4#
129 2.5 8.4 12.6#

