

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011501.D
 Acq On : 18 Nov 2022 14:49
 Operator : KP/MD
 Sample : VY1118SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 19 22:40:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

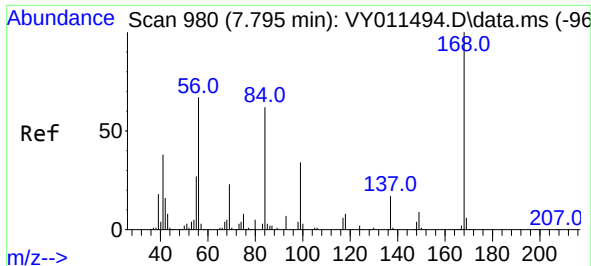
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	185445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	120903	64.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.420%	
35) Dibromofluoromethane	7.722	113	107076	51.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.800%	
50) Toluene-d8	10.185	98	401268	53.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.483	95	129200	46.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	659	Below Cal		86
3) Chloromethane	2.125	50	472	Below Cal		95
5) Bromomethane	2.668	94	633	Below Cal	#	81
11) Tert butyl alcohol	4.930	59	2575	Below Cal	#	77
16) Acetone	3.960	43	1107	1.810	ug/l	98
18) Methyl Acetate	4.485	43	29	Below Cal	#	56
20) Methylene Chloride	4.722	84	24223	Below Cal		84
25) 2-Butanone	6.984	43	1942	2.416	ug/l	# 83
31) Cyclohexane	7.795	56	4053	1.299	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	14379	4.458	ug/l	# 50
37) Ethyl Acetate	6.984	43	1942	1.057	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	19012	5.269	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	69584	46.185	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	69584	101.160	ug/l	# 7
95) Naphthalene	15.245	128	1282	4.258	ug/l	# 86

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

Quant Time: Nov 19 22:40:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

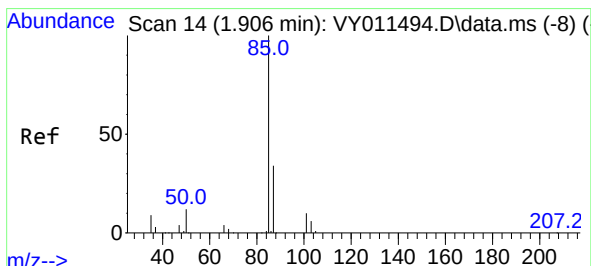
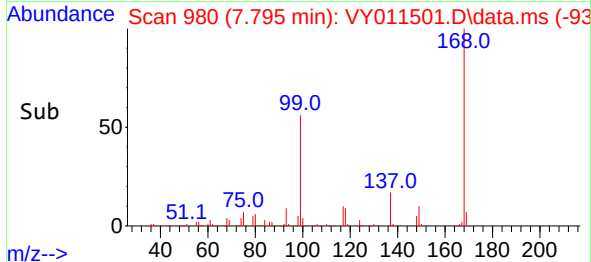
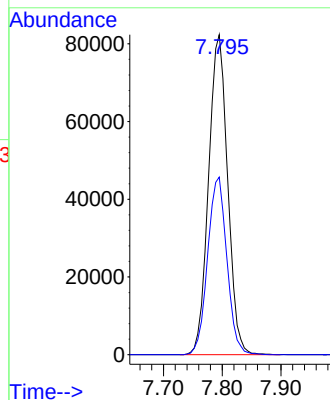
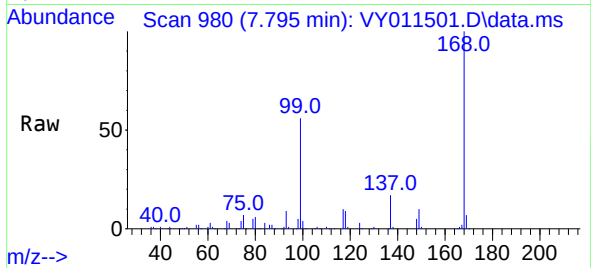




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

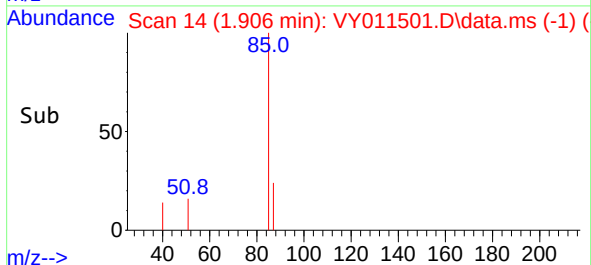
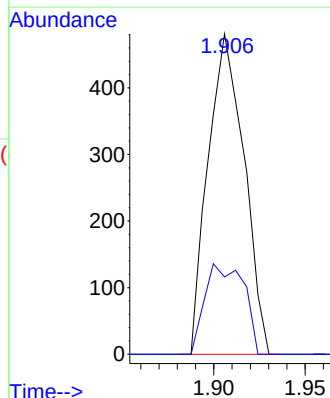
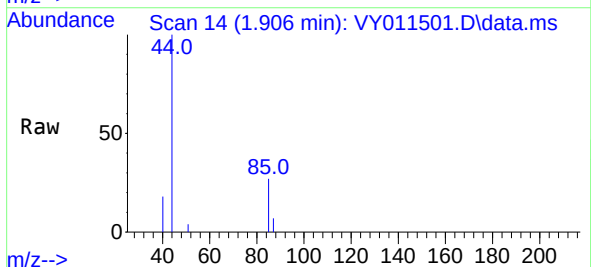
Instrument :
MSVOA_Y
ClientSampleId :

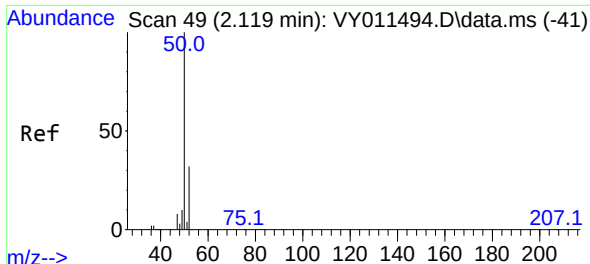
Tgt Ion:168 Resp: 185445
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion: 85 Resp: 659
Ion Ratio Lower Upper
85 100
87 24.1 16.1 48.2

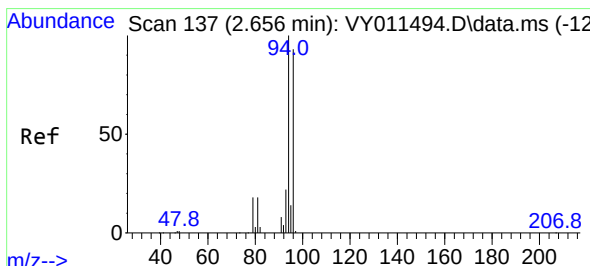
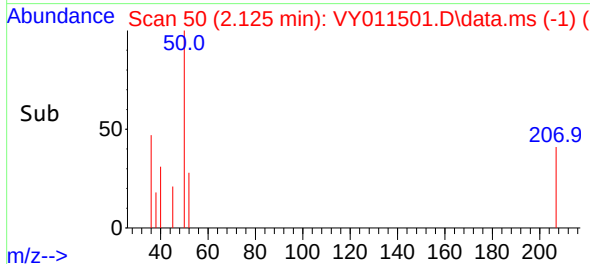
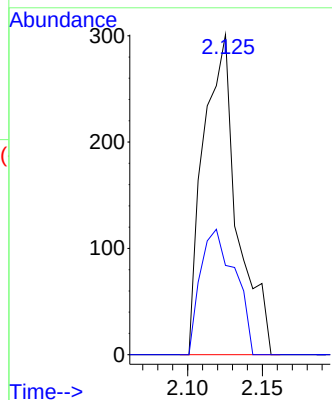
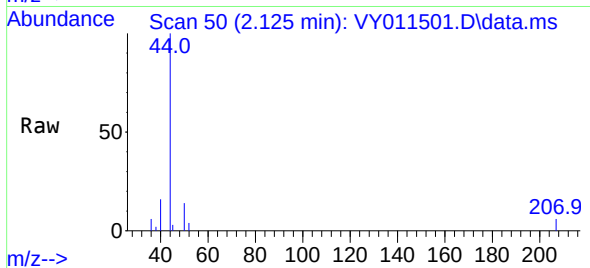




#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

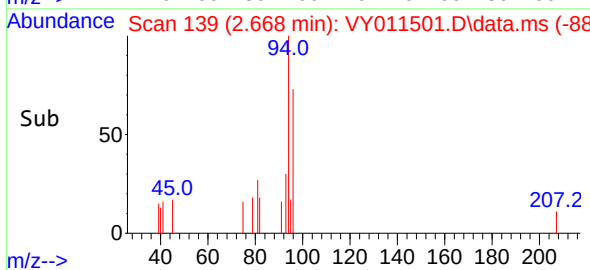
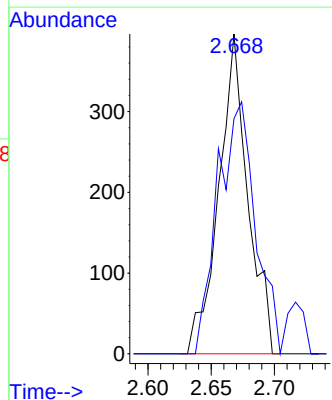
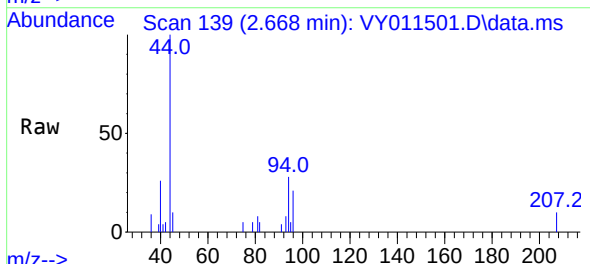
Instrument :
MSVOA_Y
ClientSampleId :

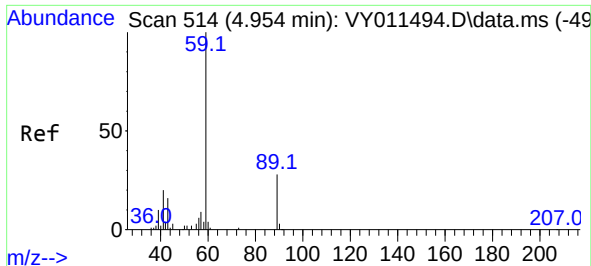
Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 27.9 24.6 37.0



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

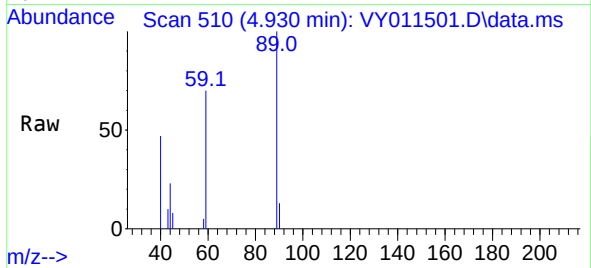
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 73.5 73.5 110.3#



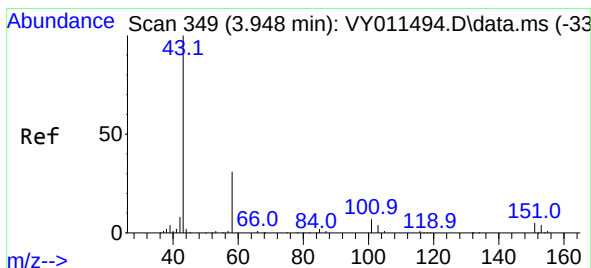
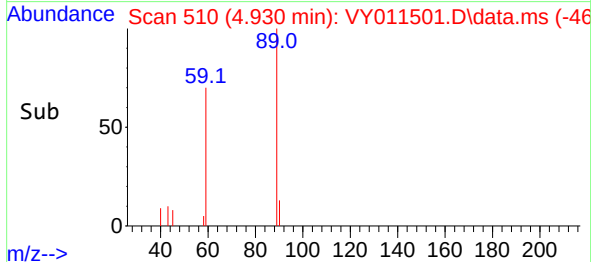
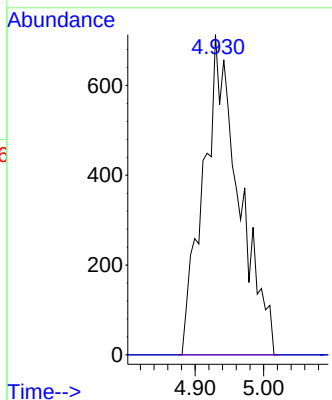


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Instrument :
MSVOA_Y
ClientSampleId :

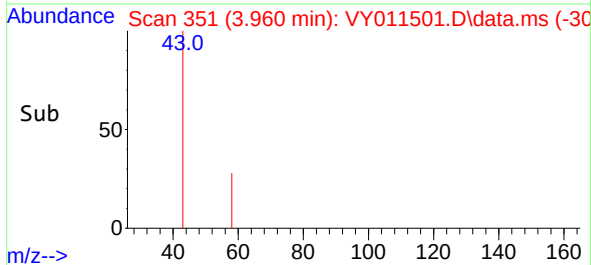
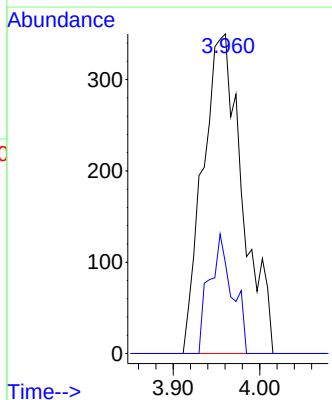
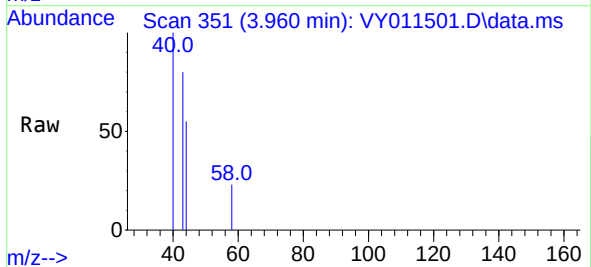


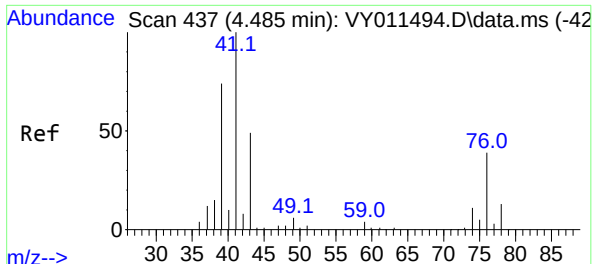
Tgt Ion: 59 Resp: 2575
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.810 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. -0.000 min

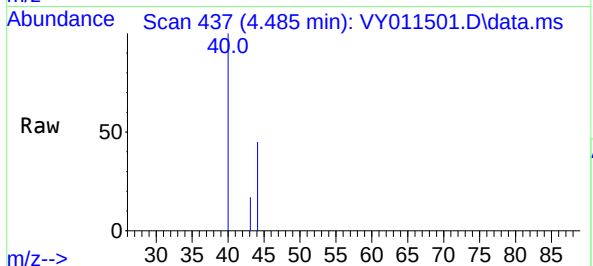
Lab File: VY011501.D

Acq: 18 Nov 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

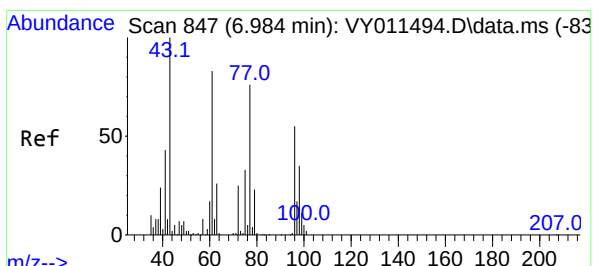
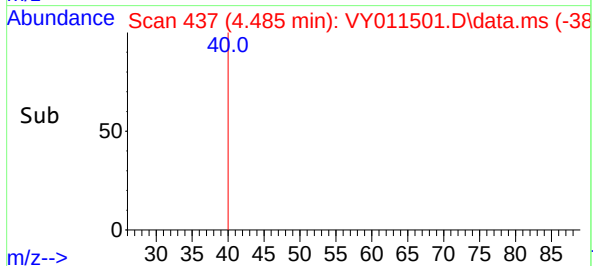
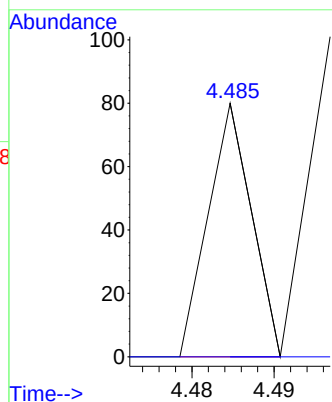


Tgt Ion: 43 Resp: 29

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 2.416 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011501.D

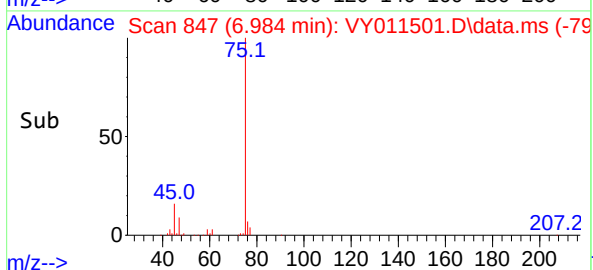
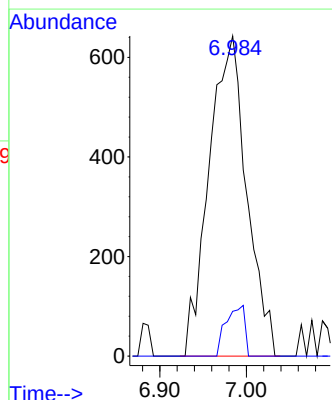
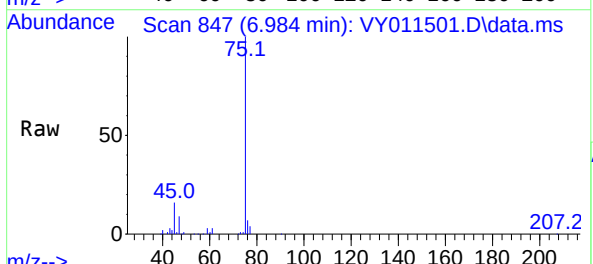
Acq: 18 Nov 2022 14:49

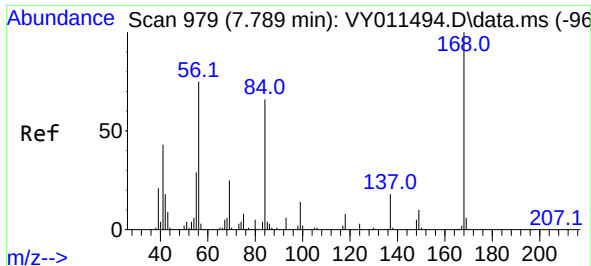
Tgt Ion: 43 Resp: 1942

Ion Ratio Lower Upper

43 100

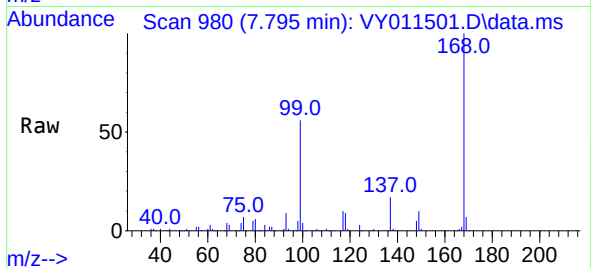
72 14.0 17.7 26.5#



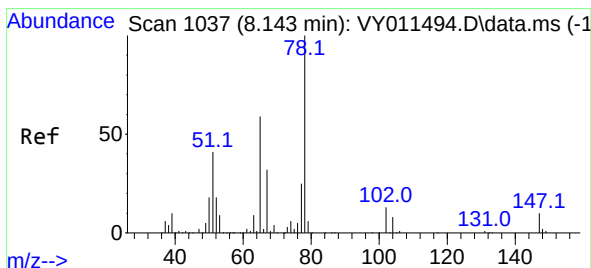
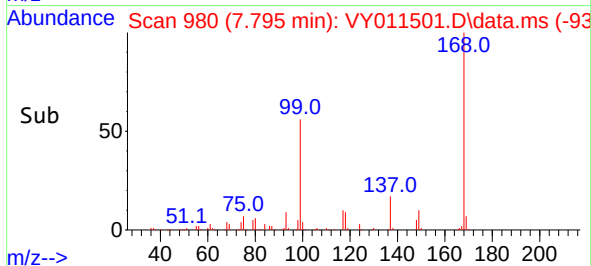
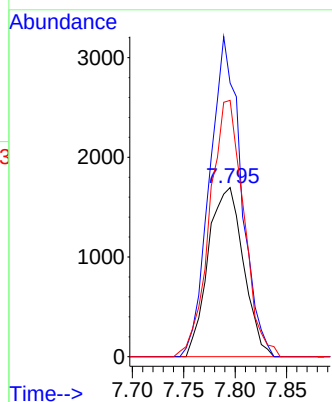


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Instrument :
MSVOA_Y
ClientSampleId :

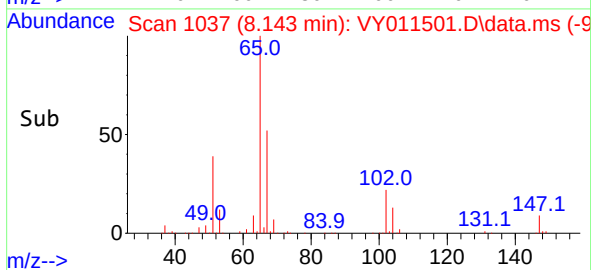
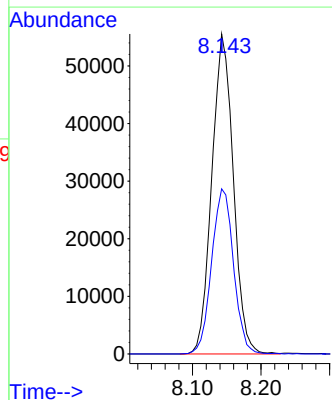
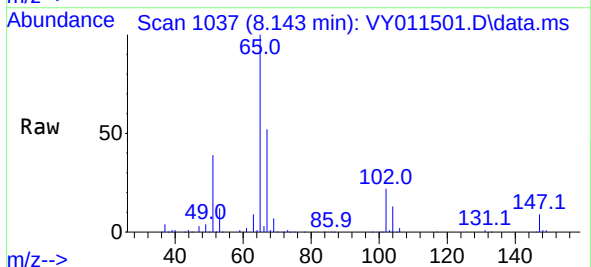


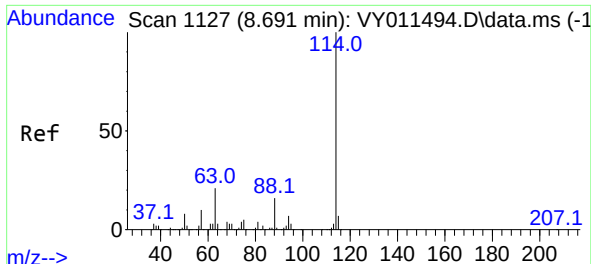
Tgt Ion: 56 Resp: 4053
Ion Ratio Lower Upper
56 100
69 161.9 26.7 40.1#
84 151.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.208 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion: 65 Resp: 120903
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011501.D

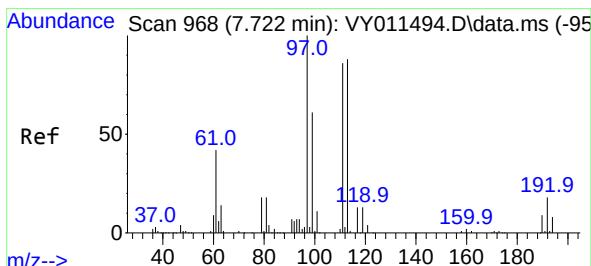
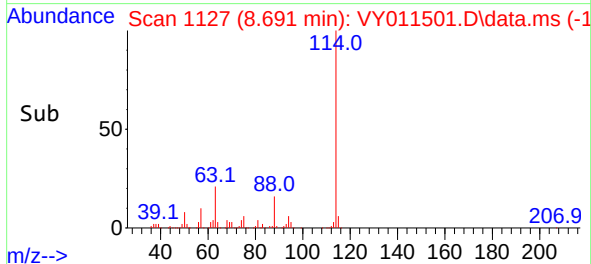
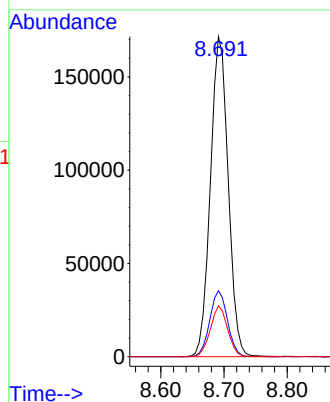
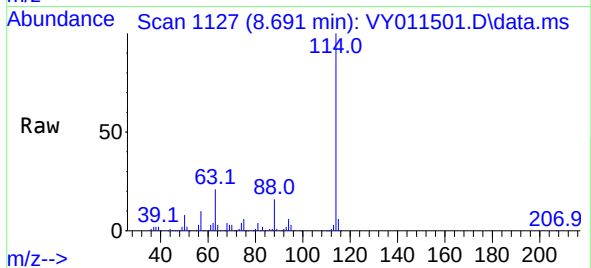
Acq: 18 Nov 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	335163
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	15.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 51.897 ug/l

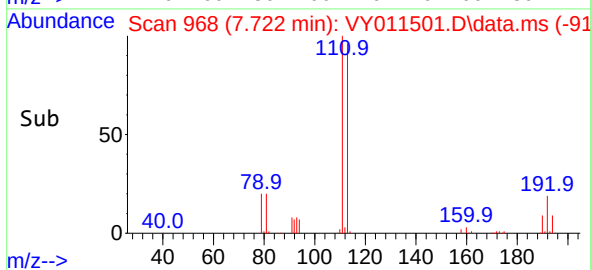
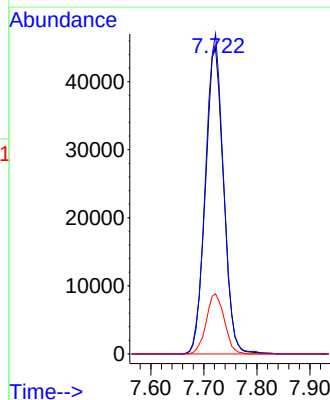
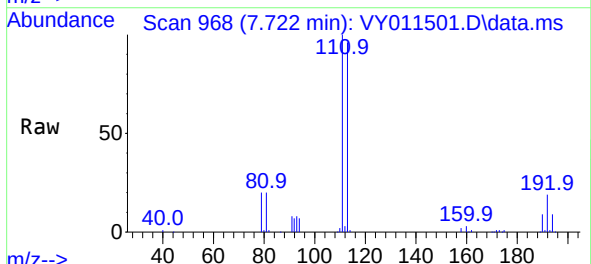
RT: 7.722 min Scan# 968

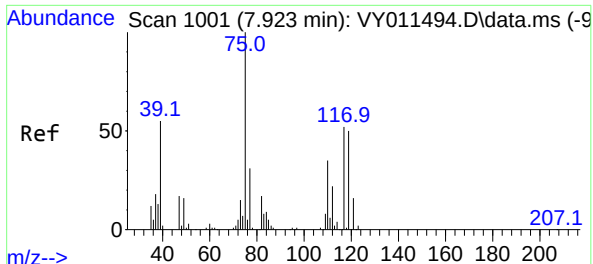
Delta R.T. -0.000 min

Lab File: VY011501.D

Acq: 18 Nov 2022 14:49

Tgt Ion:	113	Resp:	107076
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	19.6	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.458 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

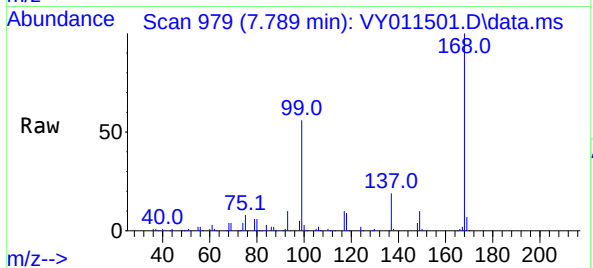
Lab File: VY011501.D

Acq: 18 Nov 2022 14:49

Instrument :

MSVOA_Y

ClientSampleId :



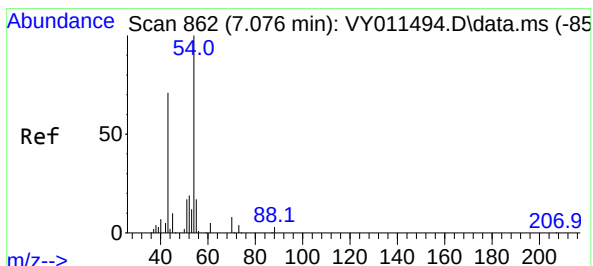
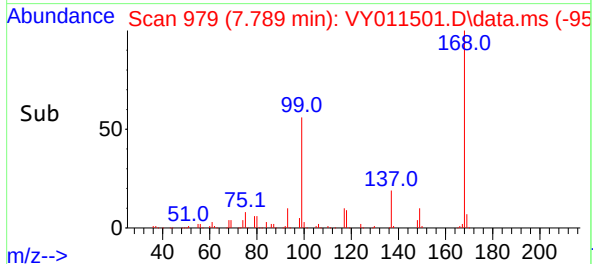
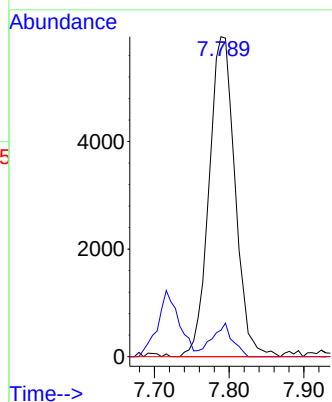
Tgt Ion: 75 Resp: 14379

Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.057 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY011501.D

Acq: 18 Nov 2022 14:49

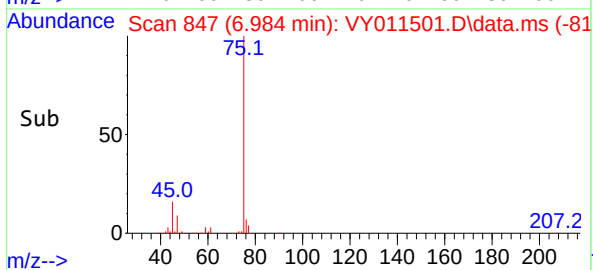
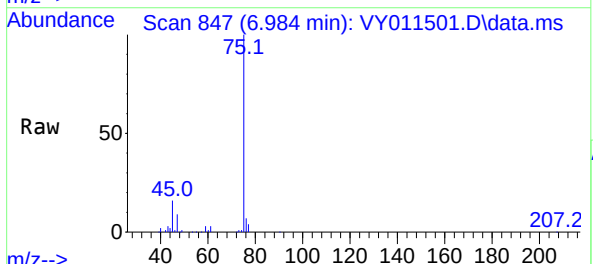
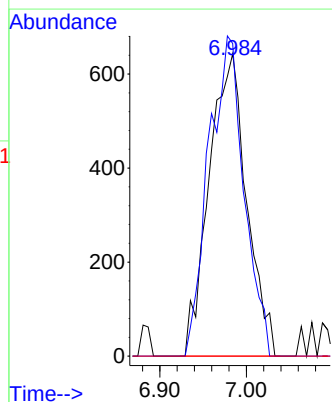
Tgt Ion: 43 Resp: 1942

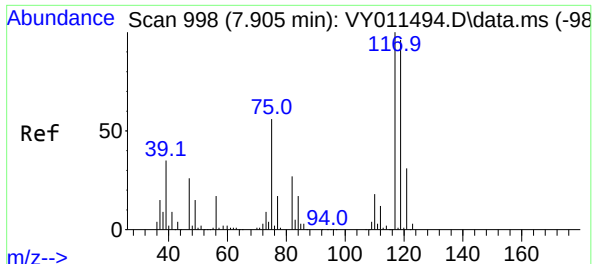
Ion Ratio Lower Upper

43 100

61 99.3 9.7 14.5#

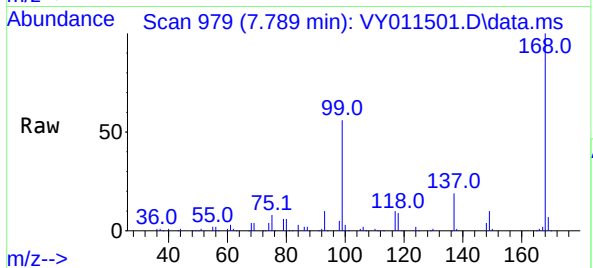
70 0.0 7.1 10.7#



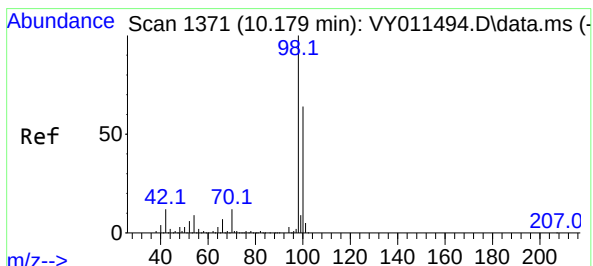
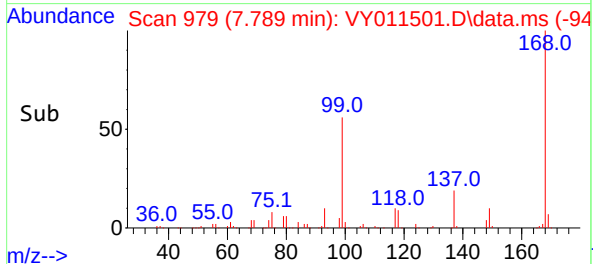
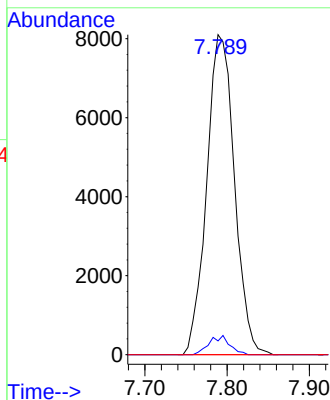


#38
Carbon Tetrachloride
Concen: 5.269 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Instrument :
MSVOA_Y
ClientSampleId :

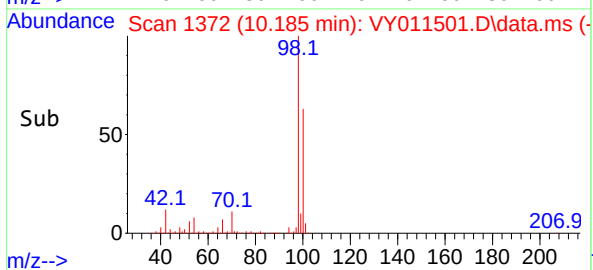
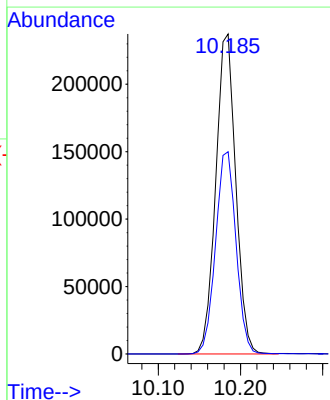
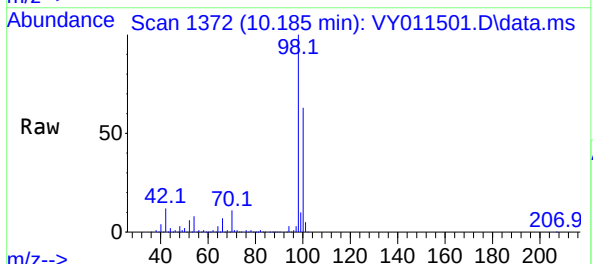


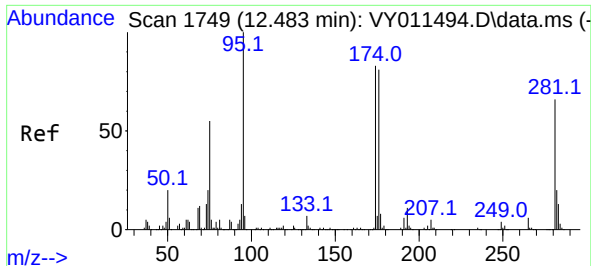
Tgt Ion:117 Resp: 19012
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.519 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion: 98 Resp: 401268
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

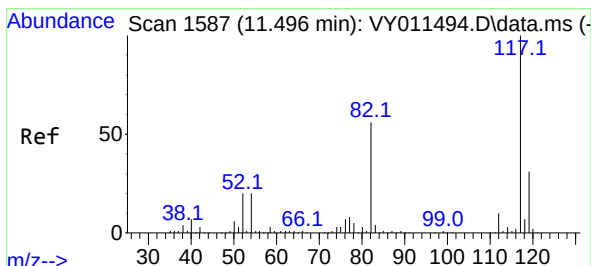
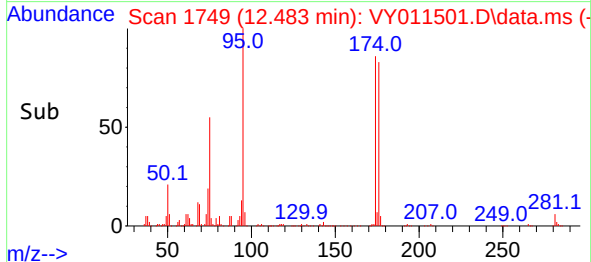
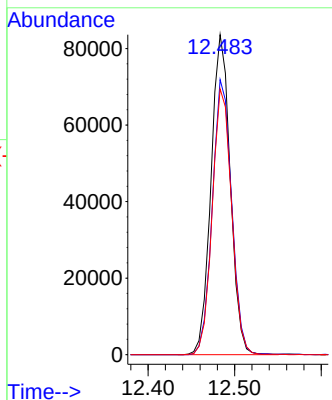
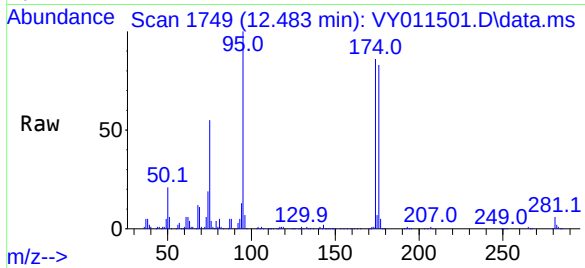




#62
4-Bromofluorobenzene
Concen: 46.607 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

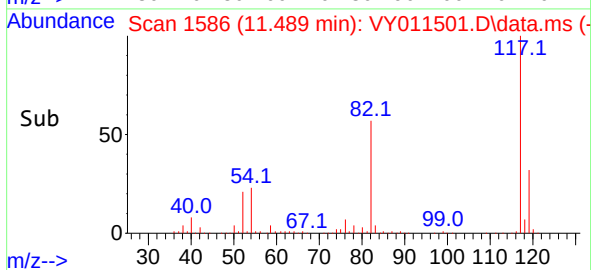
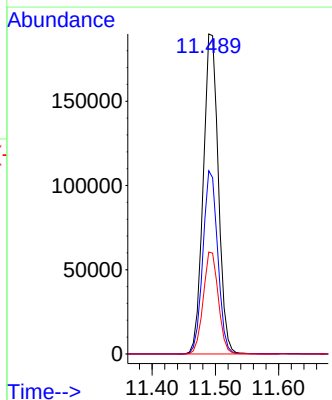
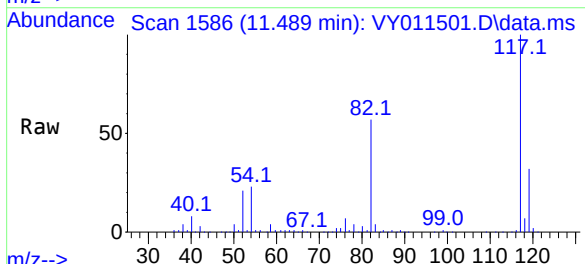
Instrument :
MSVOA_Y
ClientSampleId :

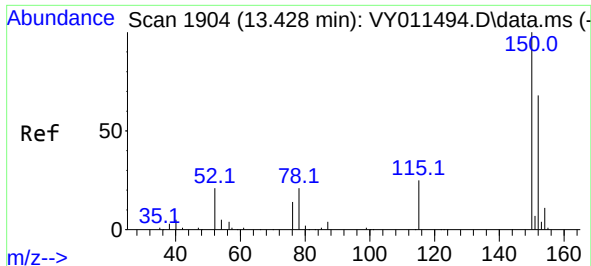
Tgt Ion: 95 Resp: 129200
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion: 117 Resp: 316156
Ion Ratio Lower Upper
117 100
82 57.3 43.0 64.4
119 31.9 25.4 38.0

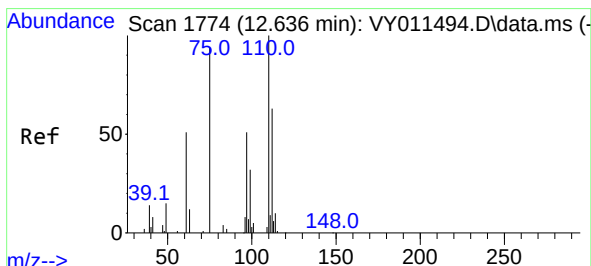
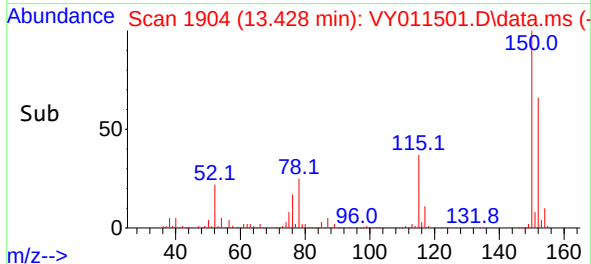
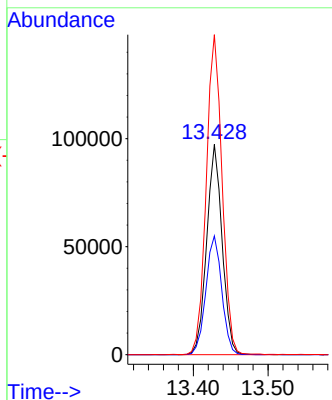
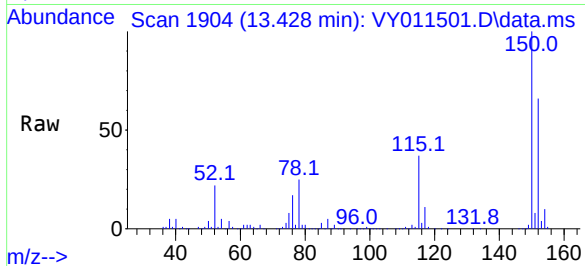




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011501.D
 Acq: 18 Nov 2022 14:49

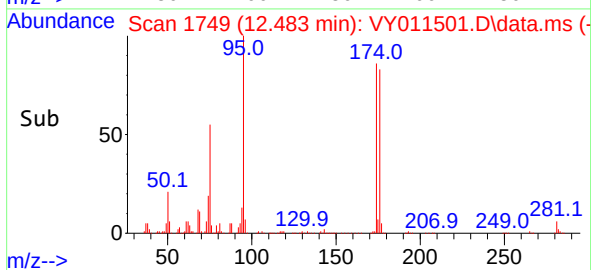
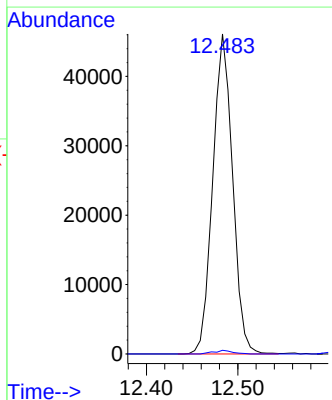
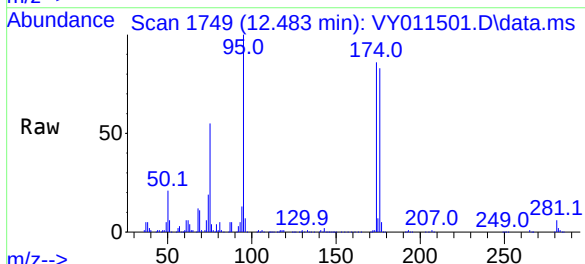
Instrument :
 MSVOA_Y
 ClientSampleId :

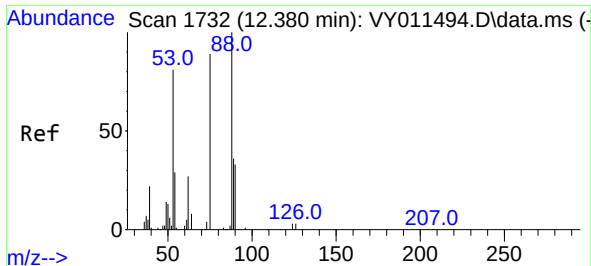
Tgt Ion:152 Resp: 139901
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 155.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.185 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011501.D
 Acq: 18 Nov 2022 14:49

Tgt Ion: 75 Resp: 69584
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

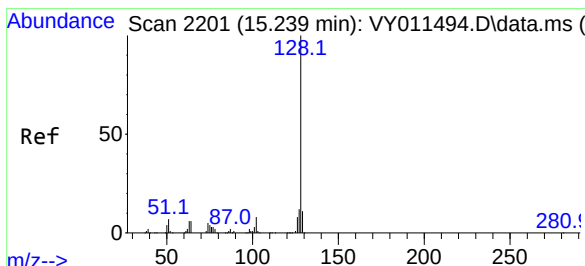
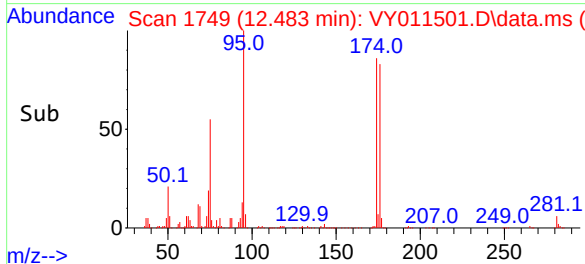
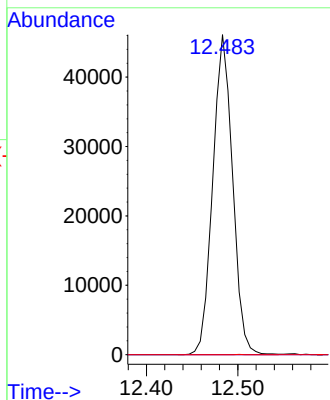
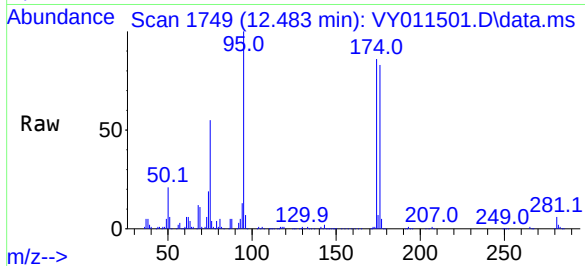




#81
trans-1,4-Dichloro-2-butene
Concen: 101.160 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69584
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.258 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY011501.D
Acq: 18 Nov 2022 14:49

Tgt Ion:128 Resp: 1282
Ion Ratio Lower Upper
128 100
127 8.0 11.0 16.4#
129 15.3 8.4 12.6#

