

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011530.D
 Acq On : 21 Nov 2022 17:36
 Operator : KP/MD
 Sample : N5678-11RE
 Misc : 7.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:46:53 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

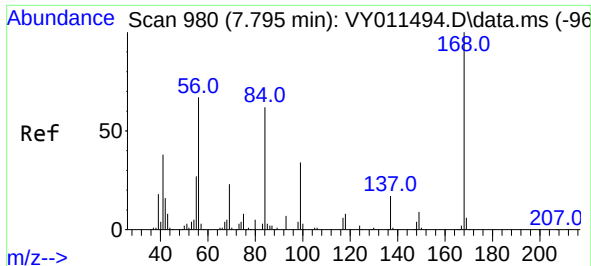
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	170899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126436	72.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.720%	
35) Dibromofluoromethane	7.722	113	109770	53.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.060%	
50) Toluene-d8	10.179	98	413345	55.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.483	95	135945	49.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	196	Below Cal		95
5) Bromomethane	2.662	94	121	Below Cal	#	63
11) Tert butyl alcohol	4.954	59	27	Below Cal	#	77
18) Methyl Acetate	4.472	43	79	Below Cal	#	56
20) Methylene Chloride	4.716	84	5877	Below Cal	#	86
31) Cyclohexane	7.795	56	3882	1.350	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	13925	4.344	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17349	4.837	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	71639	46.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71639	101.494	ug/l #	7
95) Naphthalene	15.239	128	246	4.065	ug/l #	69

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

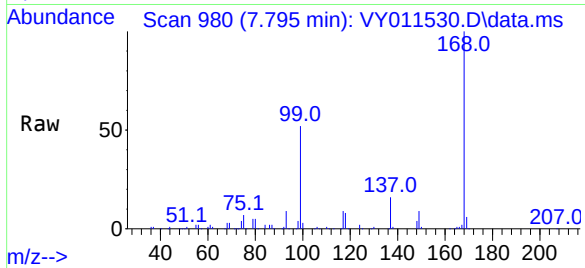
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



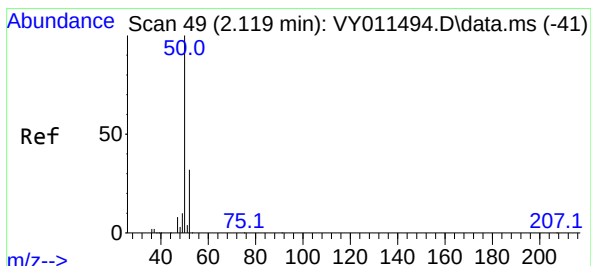
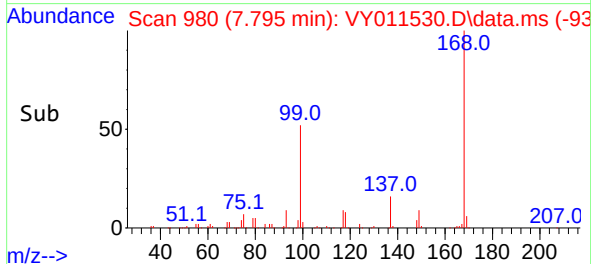
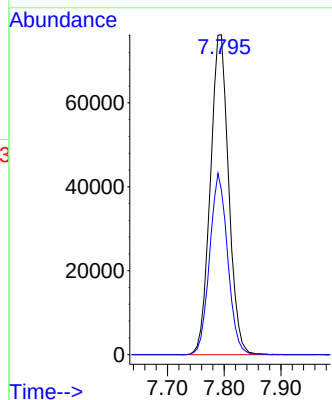


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :

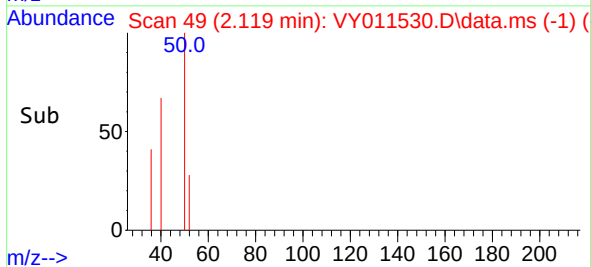
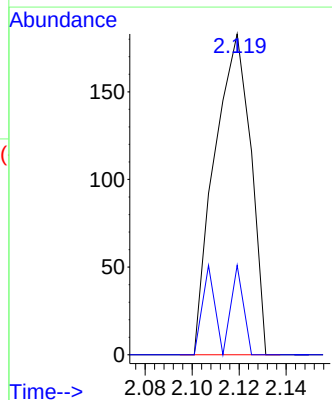
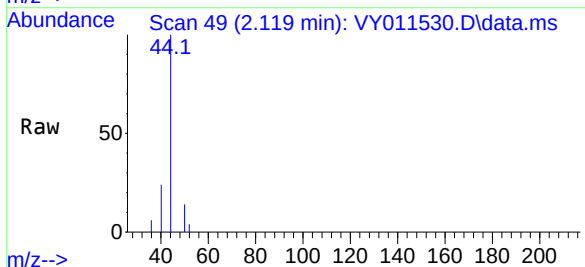


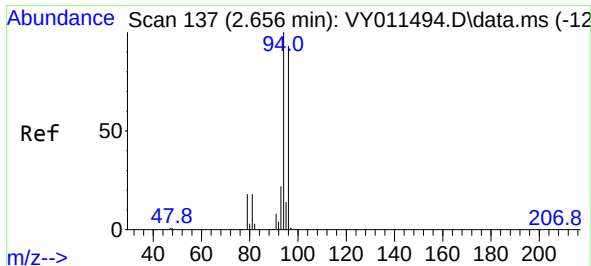
Tgt Ion:168 Resp: 170899
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 27.9 24.6 37.0

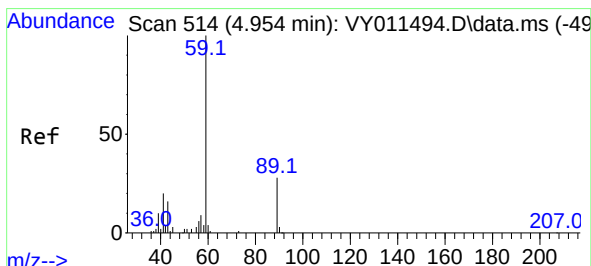
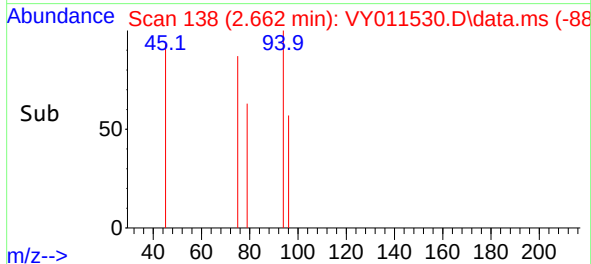
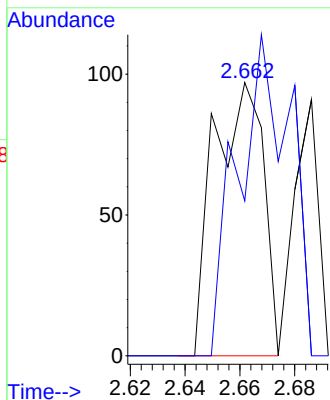
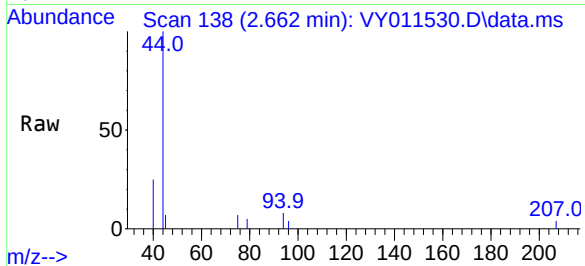




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

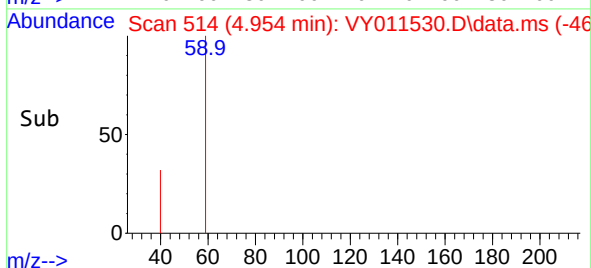
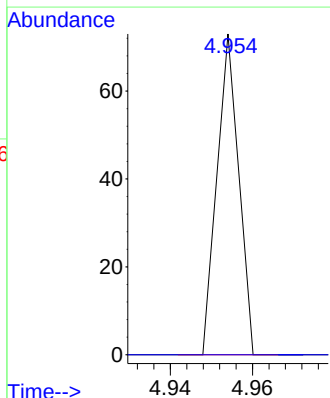
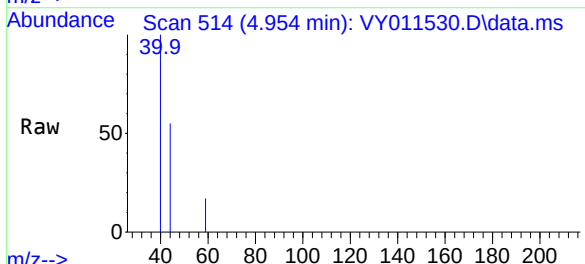
Instrument :
MSVOA_Y
ClientSampleId :

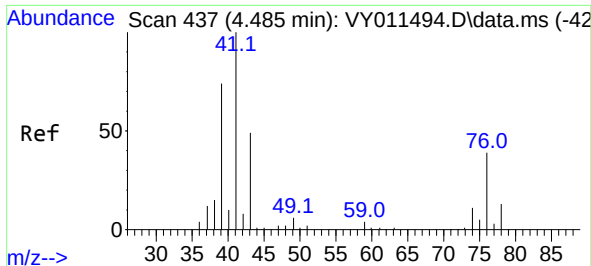
Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 56.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

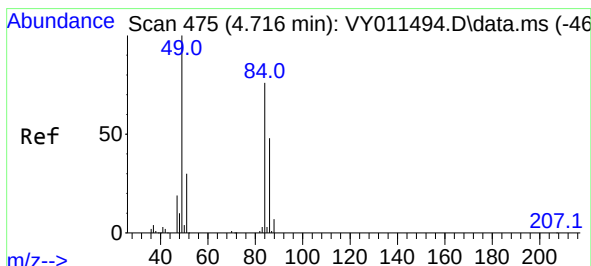
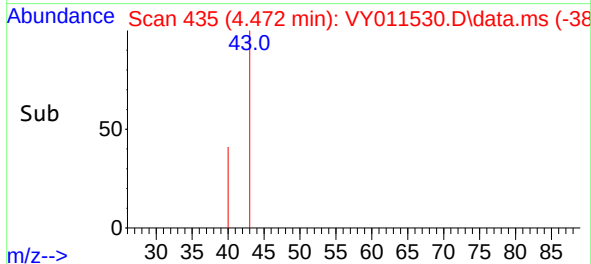
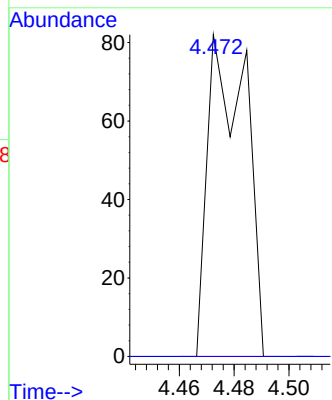
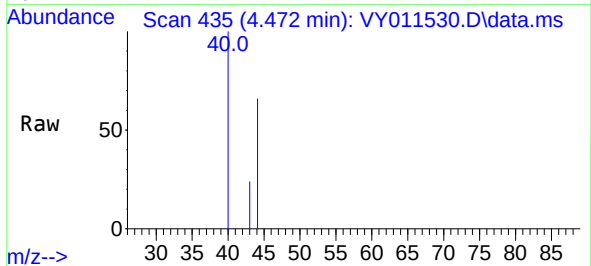




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

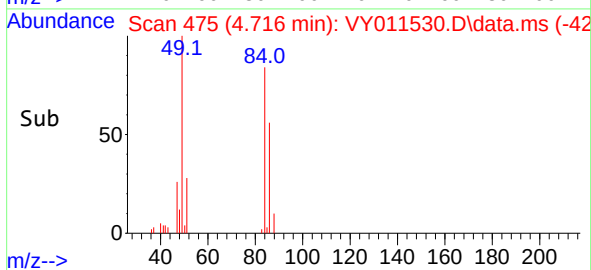
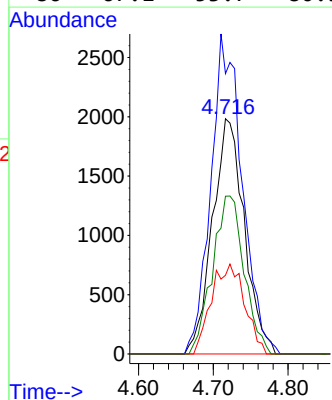
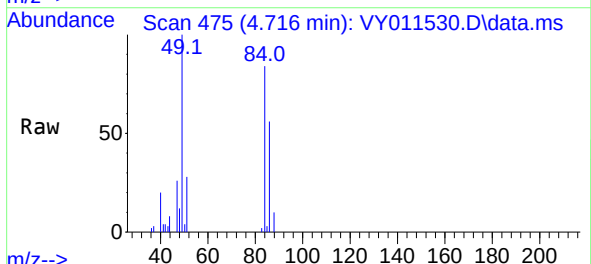
Instrument :
MSVOA_Y
ClientSampleId :

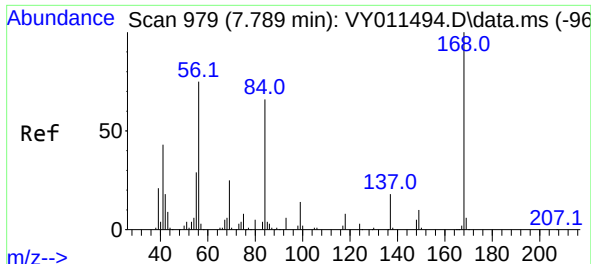
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

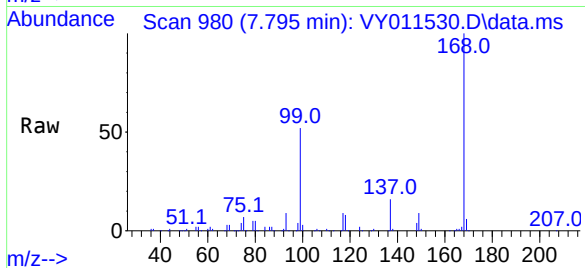
Tgt Ion: 84 Resp: 5877
Ion Ratio Lower Upper
84 100
49 119.2 114.4 171.6
51 33.5 35.3 52.9#
86 67.1 53.7 80.5



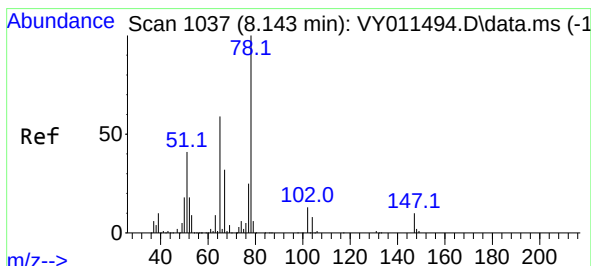
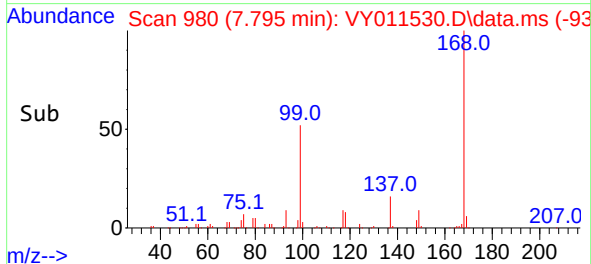
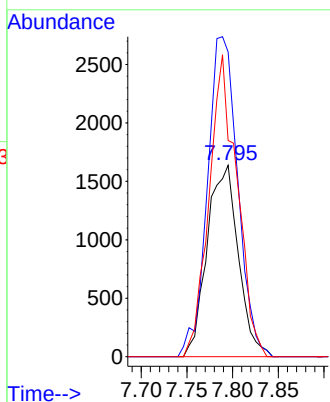


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :

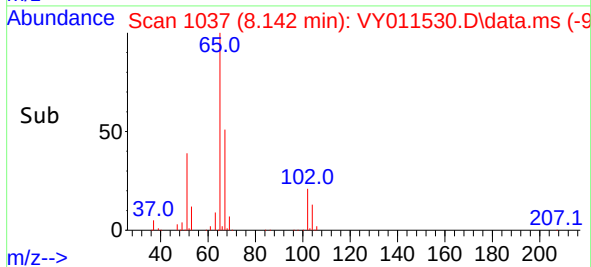
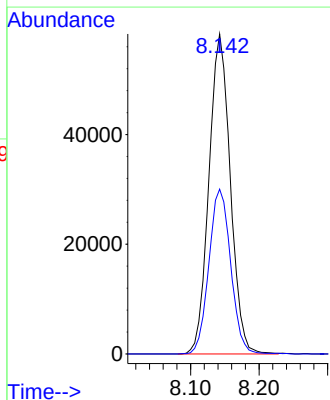
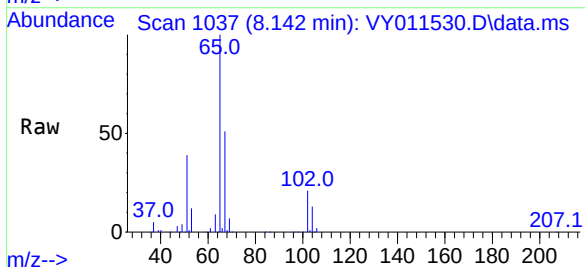


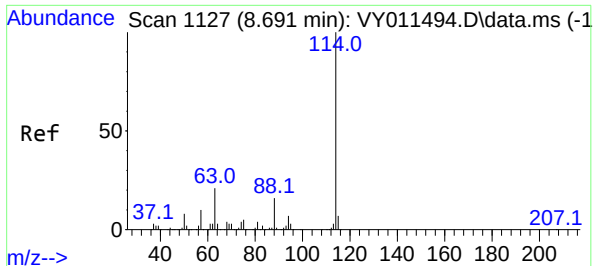
Tgt Ion: 56 Resp: 3882
Ion Ratio Lower Upper
56 100
69 159.2 26.7 40.1#
84 112.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 72.861 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 65 Resp: 126436
Ion Ratio Lower Upper
65 100
67 52.5 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: VY011530.D

Acq: 21 Nov 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

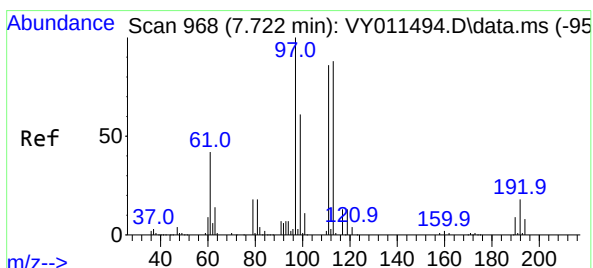
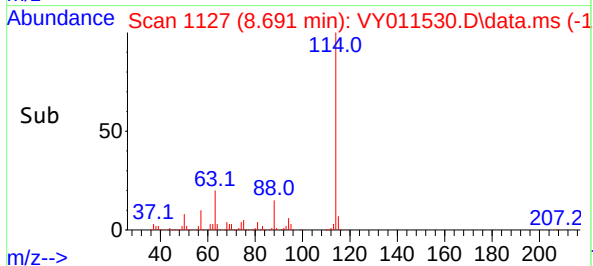
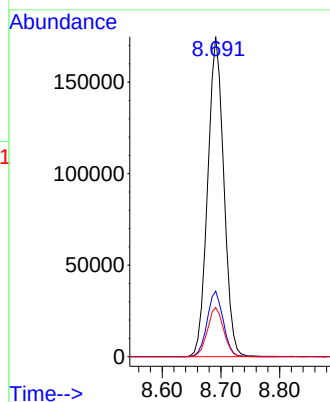
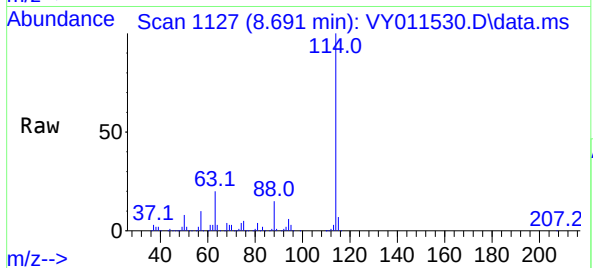
Tgt Ion:114 Resp: 333139

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.526 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011530.D

Acq: 21 Nov 2022 17:36

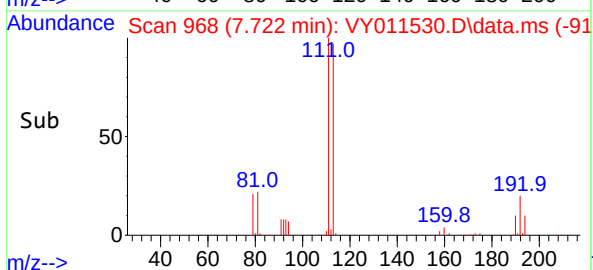
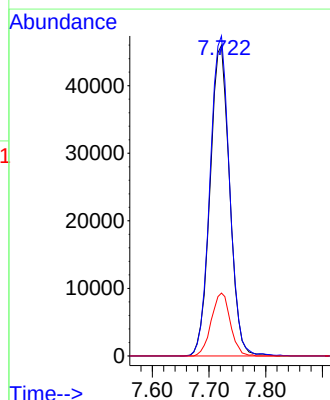
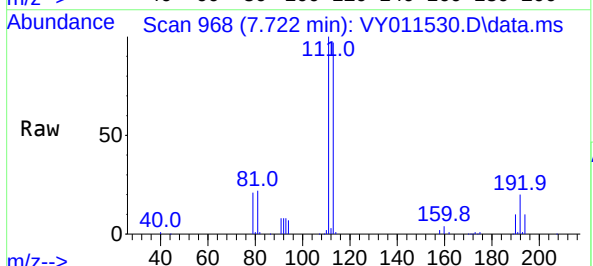
Tgt Ion:113 Resp: 109770

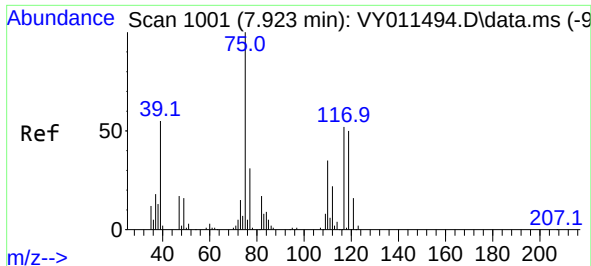
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

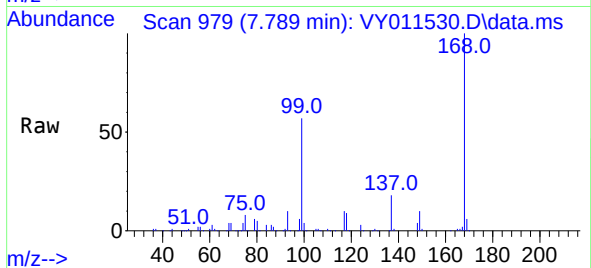
192 19.7 17.6 26.4



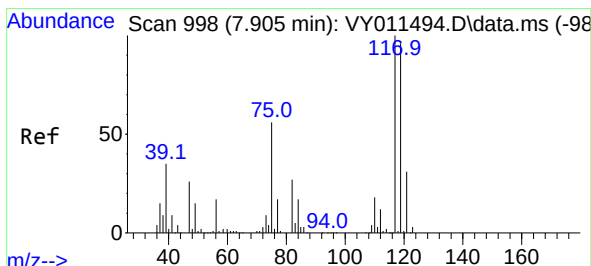
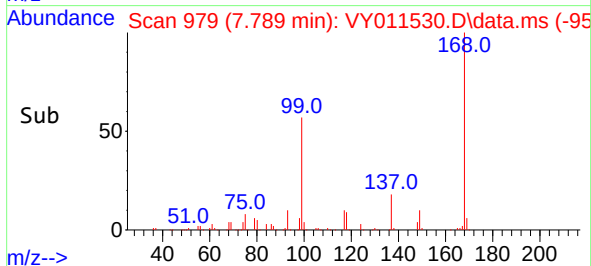
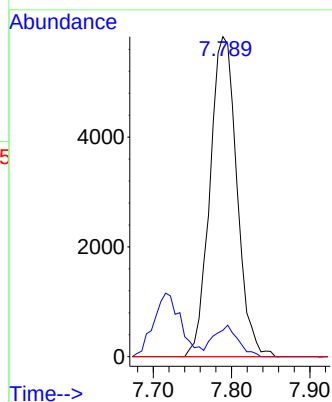


#36
1,1-Dichloropropene
Concen: 4.344 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :

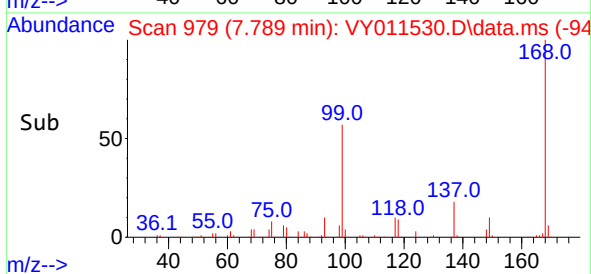
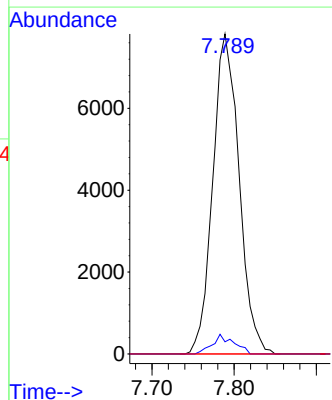
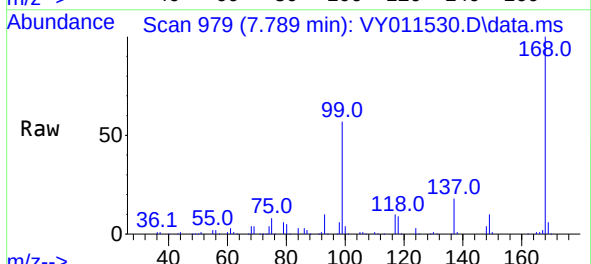


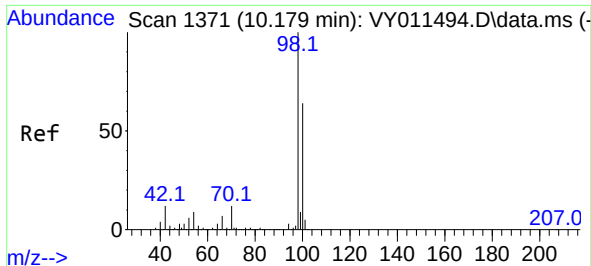
Tgt Ion: 75 Resp: 13925
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.837 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 117 Resp: 17349
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#

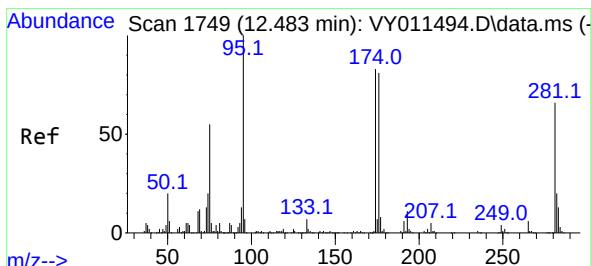
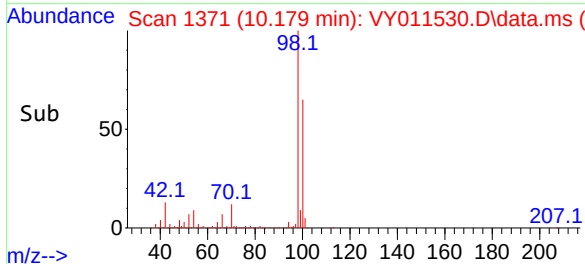
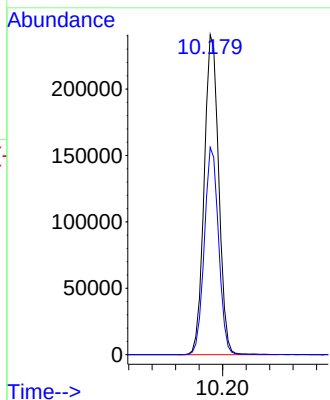
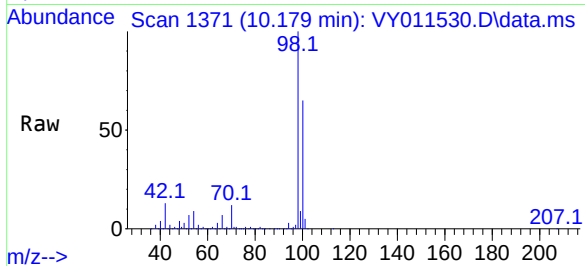




#50
Toluene-d8
Concen: 55.465 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

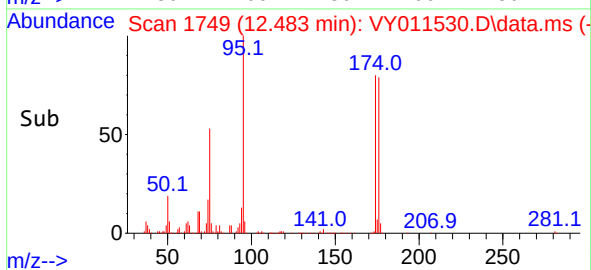
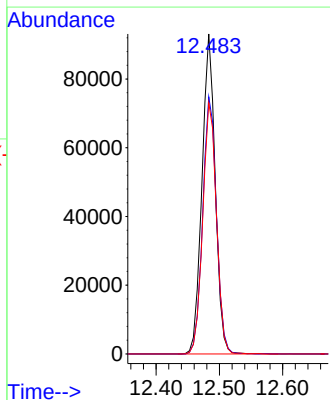
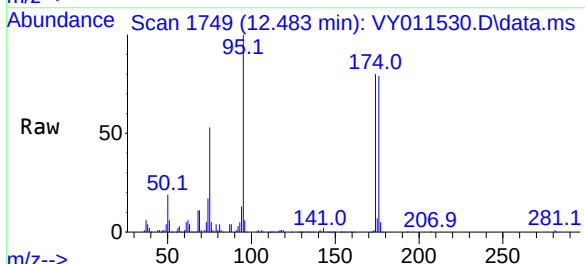
Instrument :
MSVOA_Y
ClientSampleId :

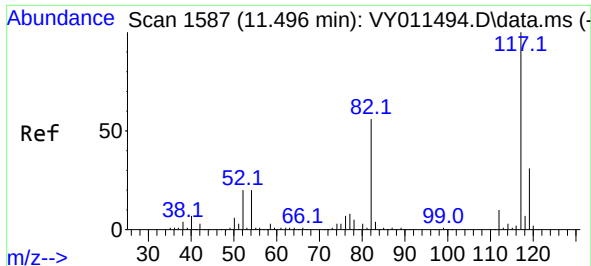
Tgt Ion: 98 Resp: 413345
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

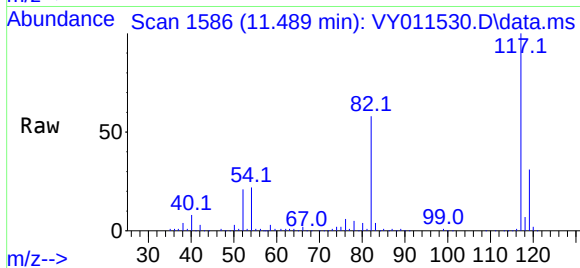
Tgt Ion: 95 Resp: 135945
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.4 0.0 175.8



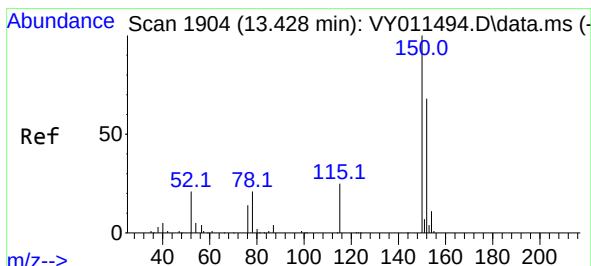
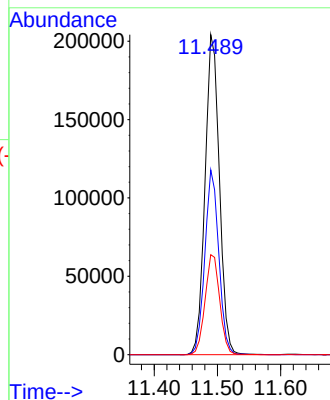
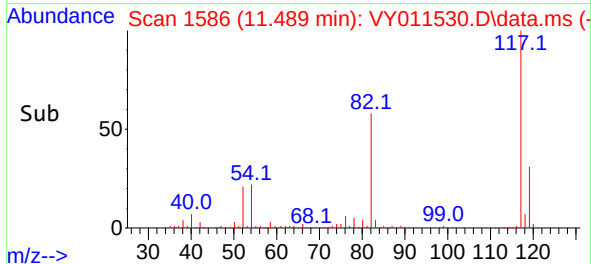


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :

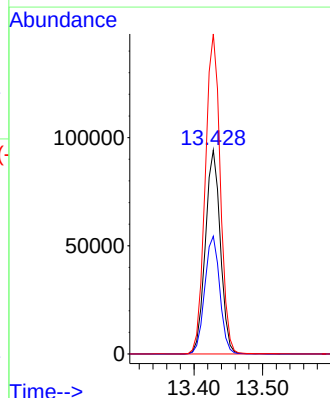
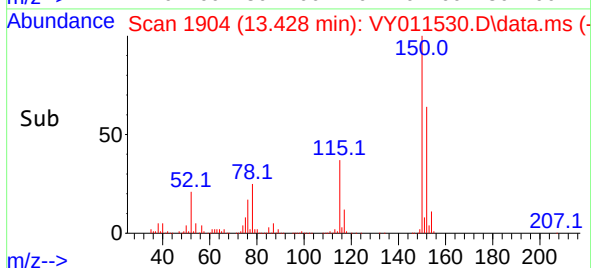
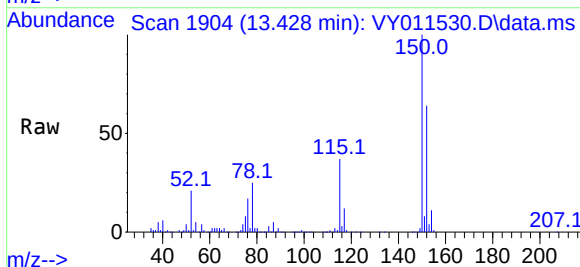


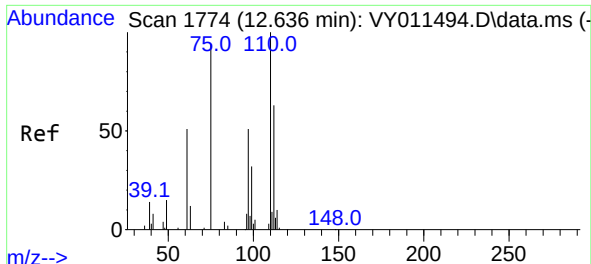
Tgt Ion:117 Resp: 322681
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion:152 Resp: 143559
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.6 0.0 347.6

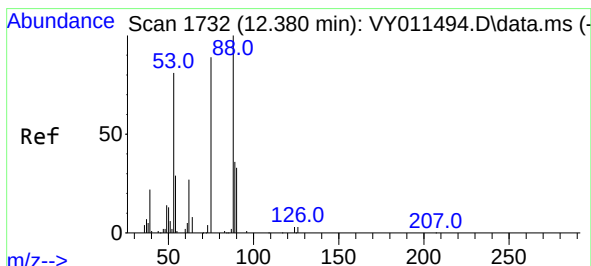
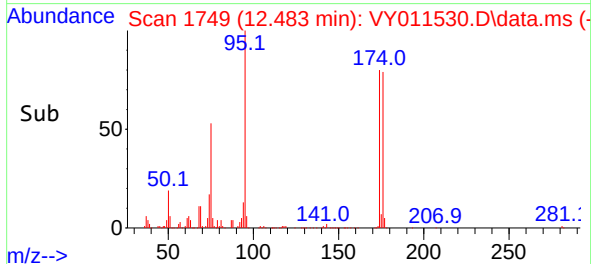
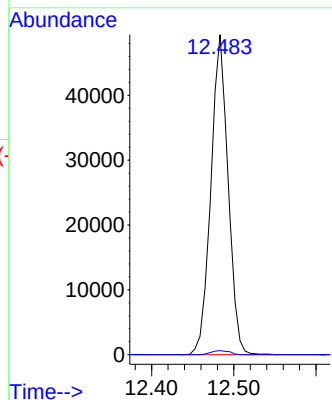
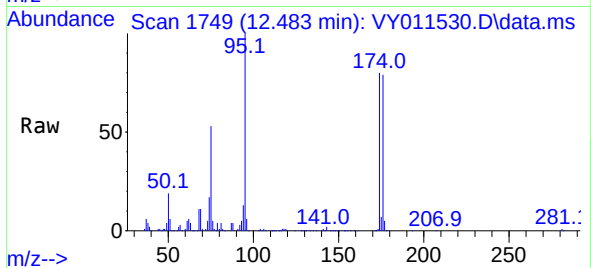




#76
1,2,3-Trichloropropane
Concen: 46.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

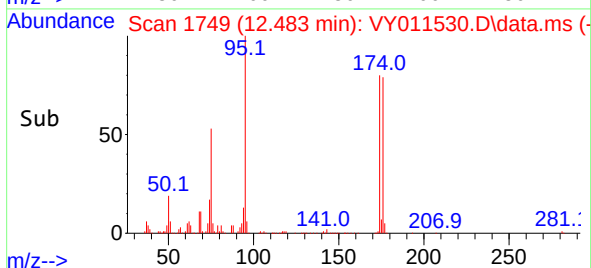
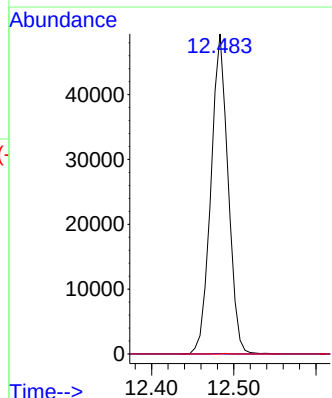
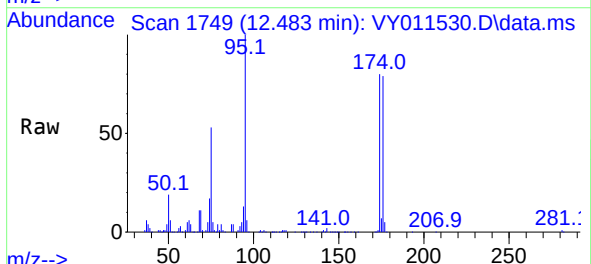
Instrument :
MSVOA_Y
ClientSampleId :

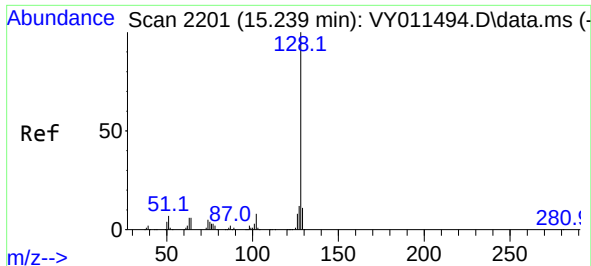
Tgt Ion: 75 Resp: 71639
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

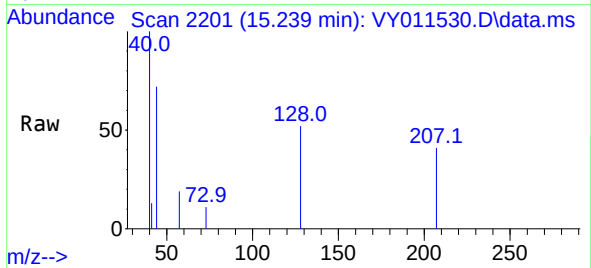
Tgt Ion: 75 Resp: 71639
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.065 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	246
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

