

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009330.D
 Acq On : 25 Jun 2022 17:42
 Operator : KP/MD
 Sample : N3488-10
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:31:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

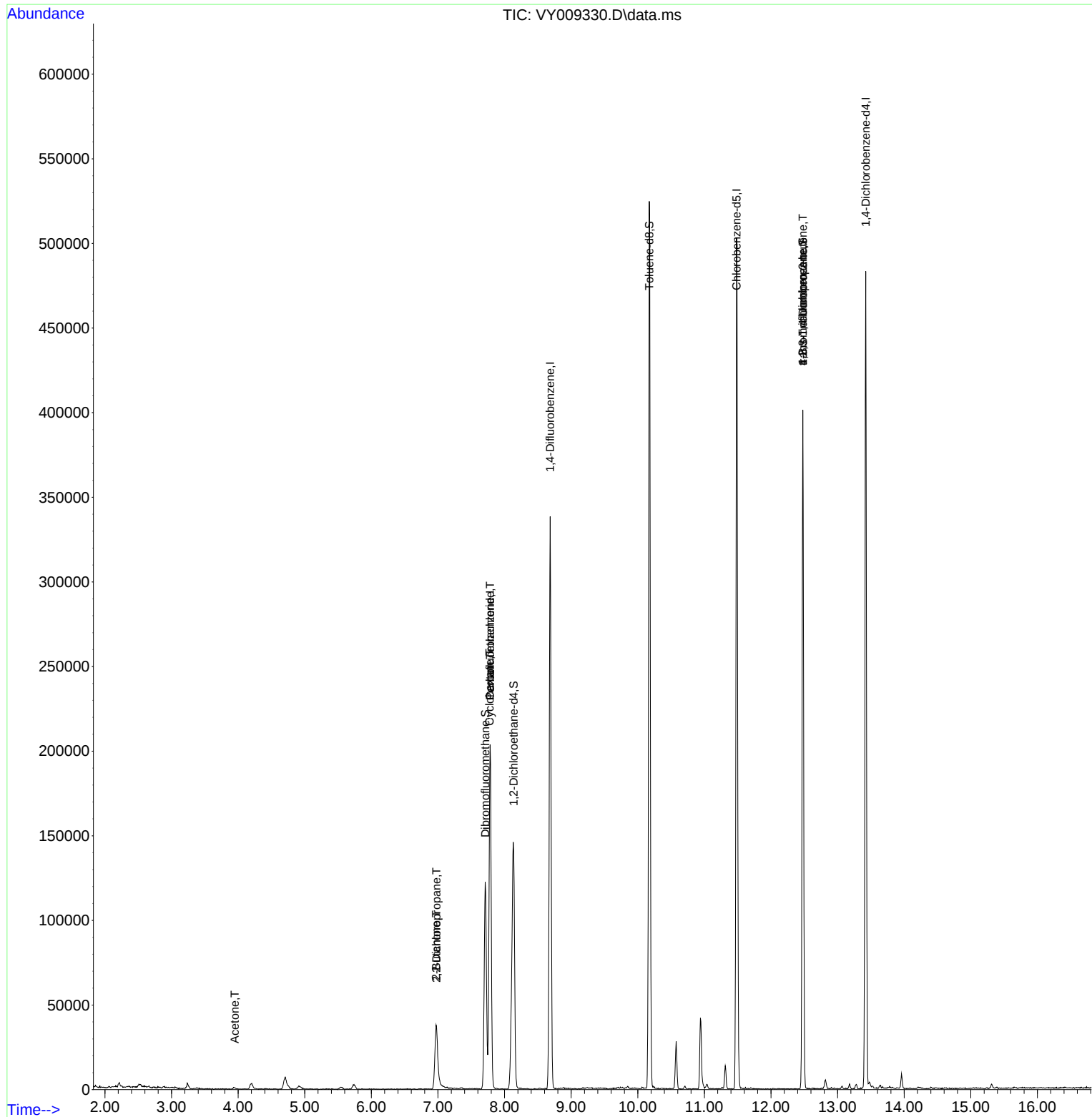
Internal Standards						
1) Pentafluorobenzene	7.783	168	161201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	267111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94170	80.357	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 160.720%	
35) Dibromofluoromethane	7.710	113	84260	56.192	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 112.380%	
50) Toluene-d8	10.173	98	334018	80.362	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 160.720%#	
62) 4-Bromofluorobenzene	12.477	95	111365	52.146	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 104.300%	
Target Compounds						
11) Tert butyl alcohol	4.918	59	298	Below Cal	#	78
16) Acetone	3.948	43	1729	4.195	ug/l	99
20) Methylene Chloride	4.704	84	5026	Below Cal		96
25) 2-Butanone	6.972	43	2836	4.576	ug/l #	59
26) 2,2-Dichloropropane	6.978	77	3111	1.112	ug/l #	52
31) Cyclohexane	7.777	56	3501	1.201	ug/l #	16
38) Carbon Tetrachloride	7.783	117	15483	5.983	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	57711	49.587	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57711	98.160	ug/l #	13

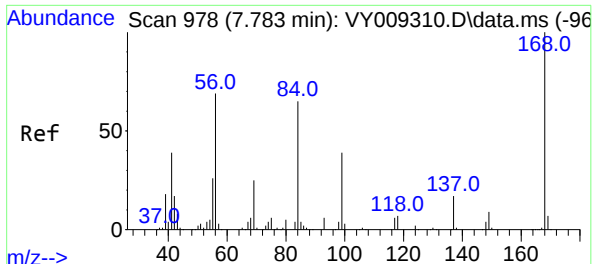
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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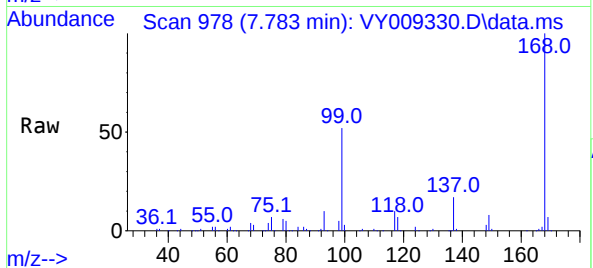
Quant Time: Jun 27 10:31:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
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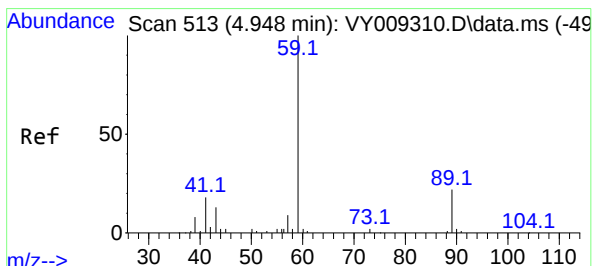
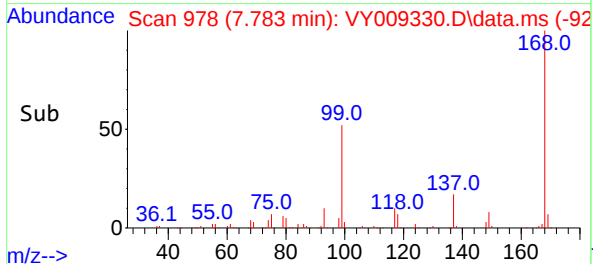
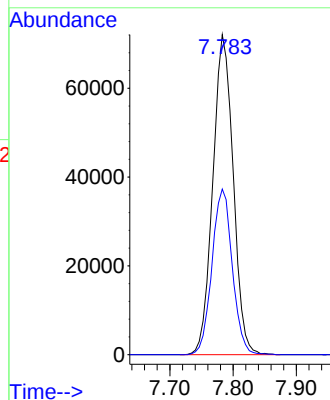


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :

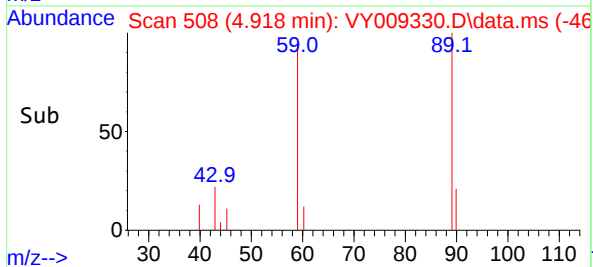
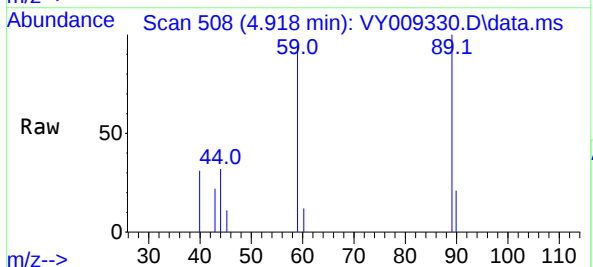


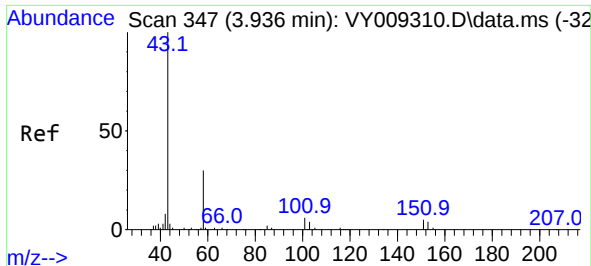
Tgt Ion:168 Resp: 161201
Ion Ratio Lower Upper
168 100
99 51.7 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

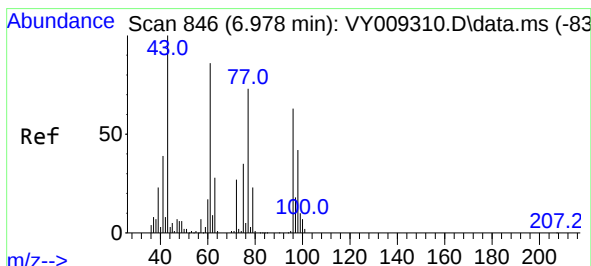
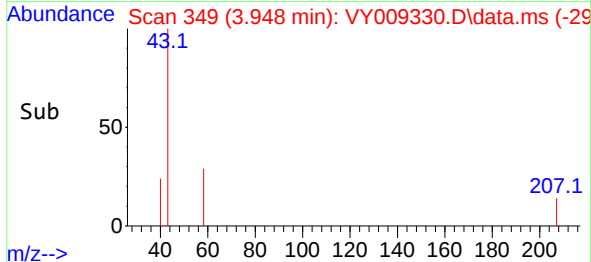
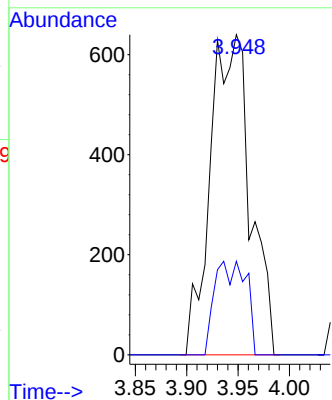
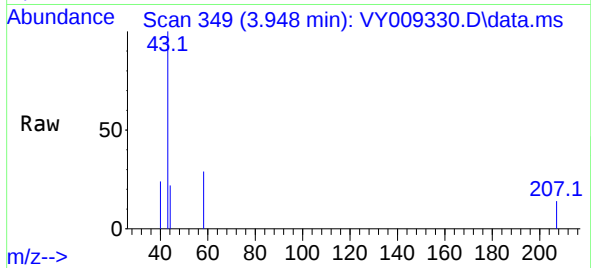




#16
Acetone
Concen: 4.195 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

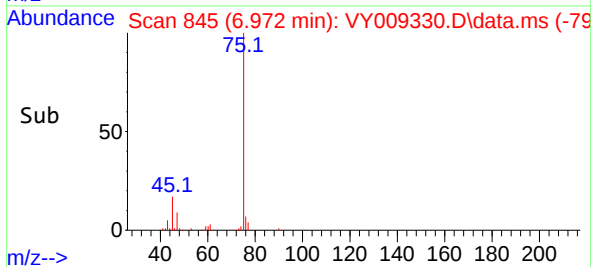
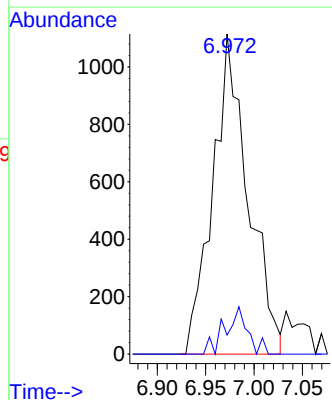
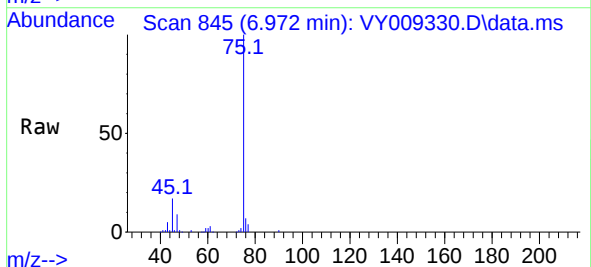
Instrument :
MSVOA_Y
ClientSampleId :

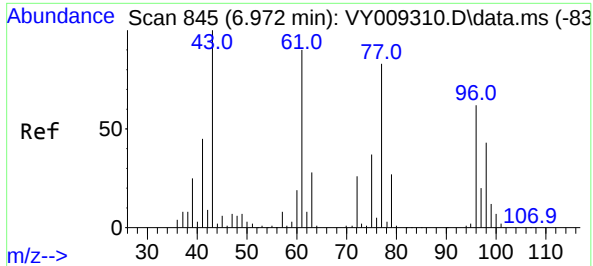
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0



#25
2-Butanone
Concen: 4.576 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 43 Resp: 2836
Ion Ratio Lower Upper
43 100
72 5.9 21.5 32.3#

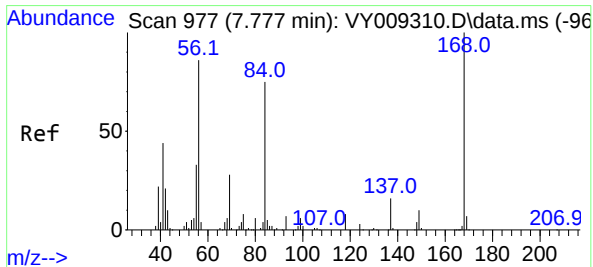
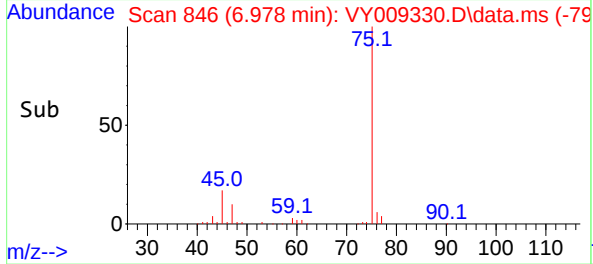
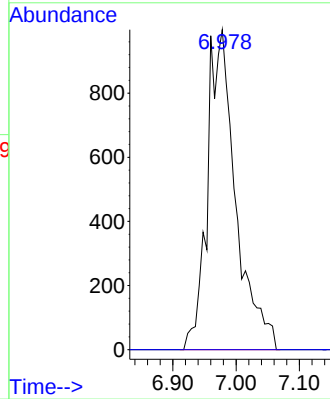
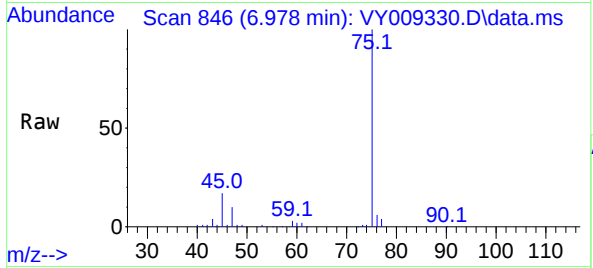




#26
2,2-Dichloropropane
Concen: 1.112 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

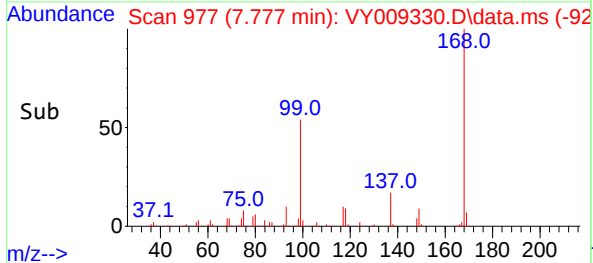
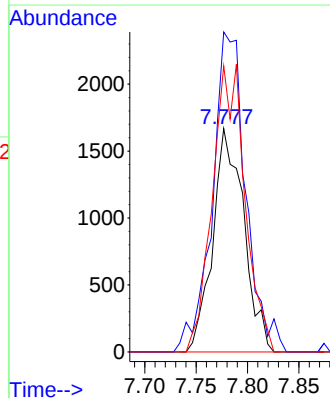
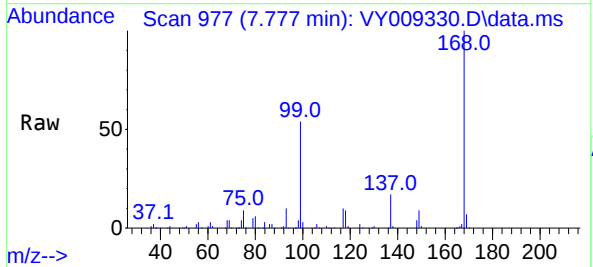
Instrument :
MSVOA_Y
ClientSampleId :

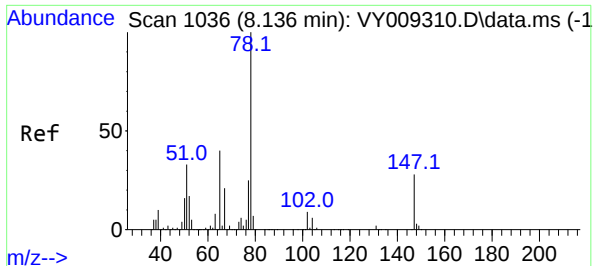
Tgt Ion: 77 Resp: 3111
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 139.2 26.0 39.0#
84 128.1 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 80.357 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009330.D

Acq: 25 Jun 2022 17:42

Instrument :

MSVOA_Y

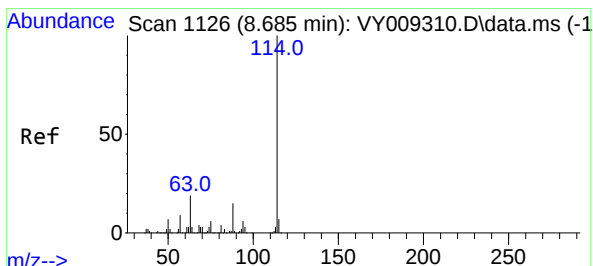
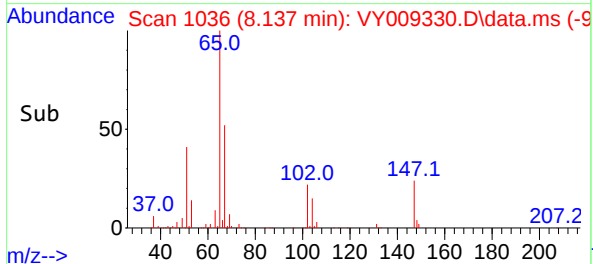
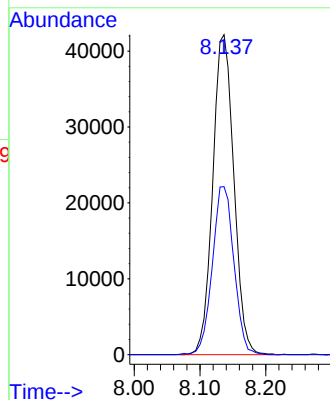
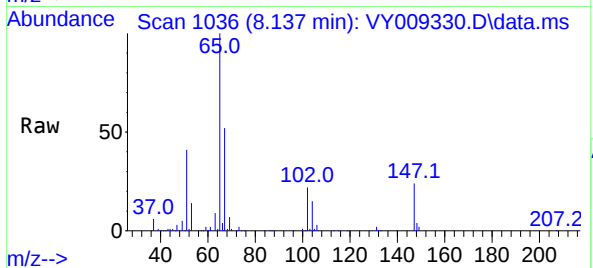
ClientSampleId :

Tgt Ion: 65 Resp: 94170

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009330.D

Acq: 25 Jun 2022 17:42

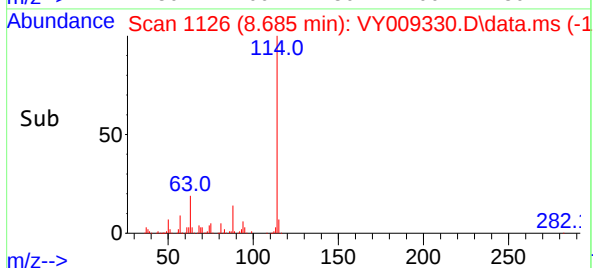
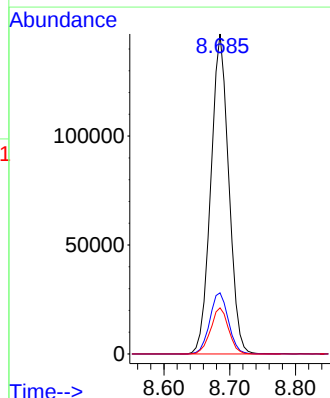
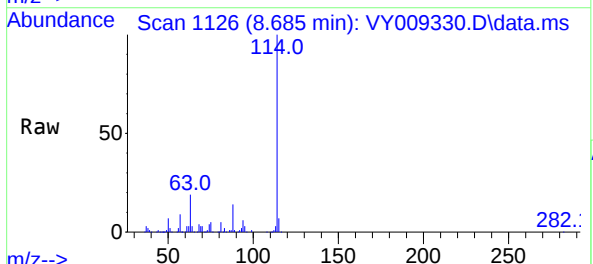
Tgt Ion:114 Resp: 277812

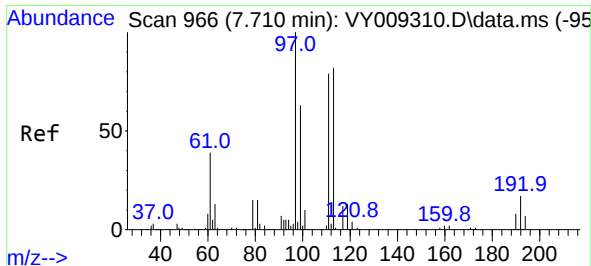
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

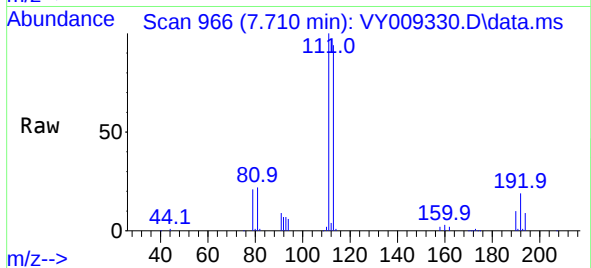
88 14.4 0.0 30.0



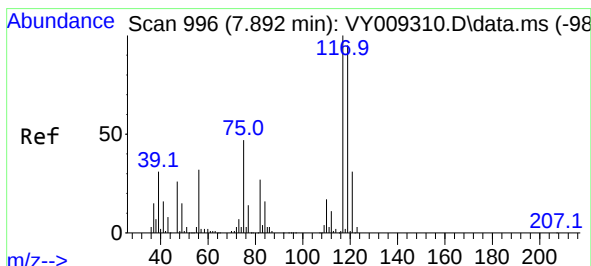
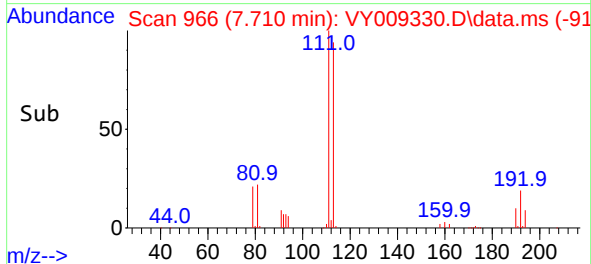
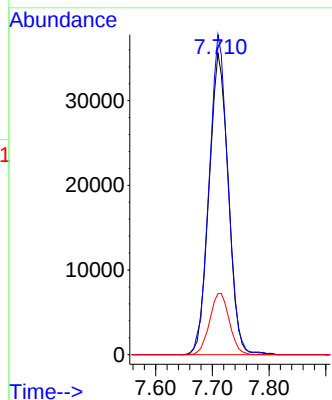


#35
Dibromofluoromethane
Concen: 56.192 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :

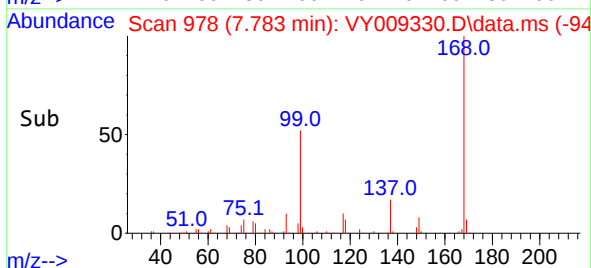
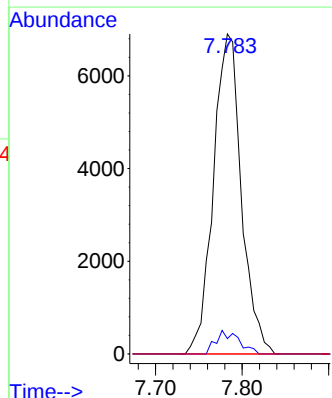
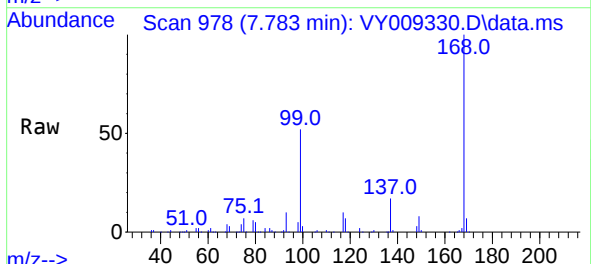


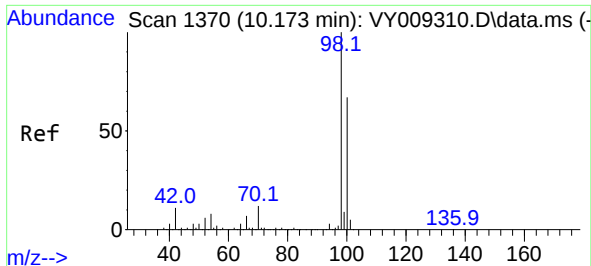
Tgt Ion:113 Resp: 84260
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.7 16.2 24.4



#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion:117 Resp: 15483
Ion Ratio Lower Upper
117 100
119 4.8 75.9 113.9#
121 0.0 24.9 37.3#

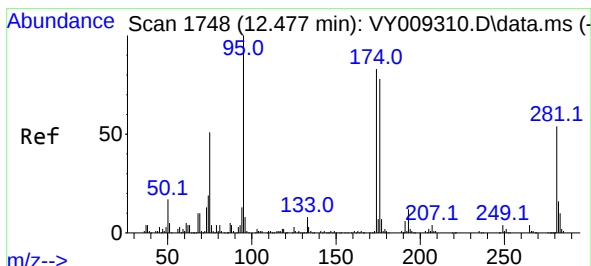
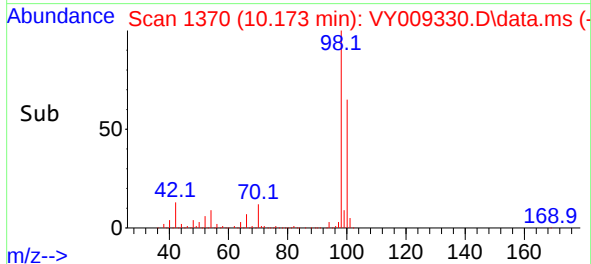
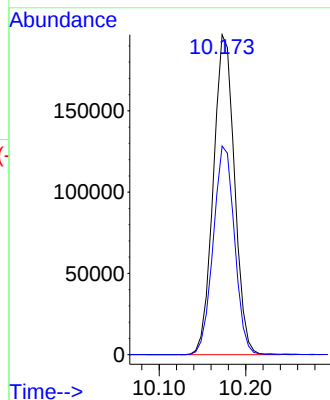
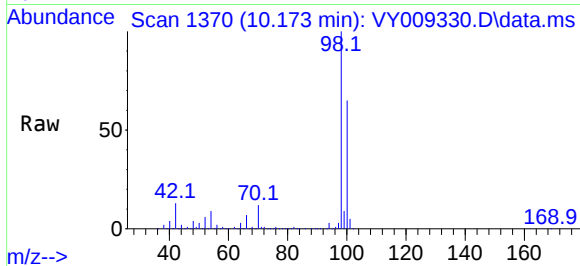




#50
Toluene-d8
Concen: 80.362 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

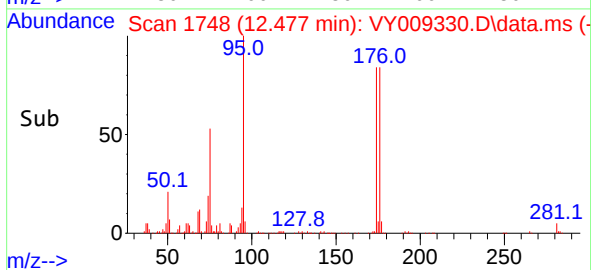
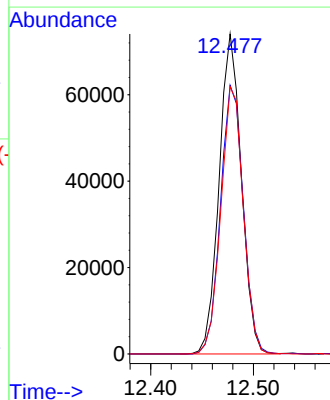
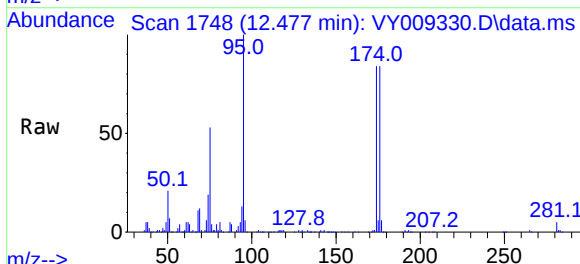
Instrument :
MSVOA_Y
ClientSampleId :

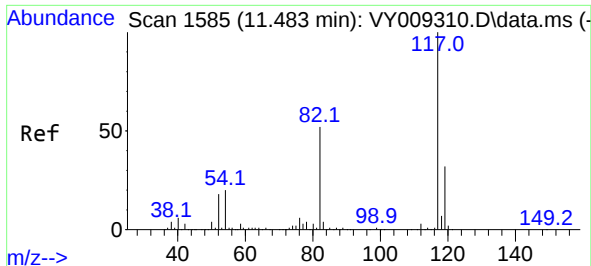
Tgt Ion: 98 Resp: 334018
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

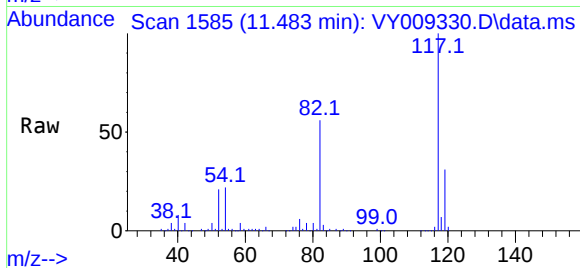
Tgt Ion: 95 Resp: 111365
Ion Ratio Lower Upper
95 100
174 86.0 0.0 173.8
176 84.0 0.0 167.0



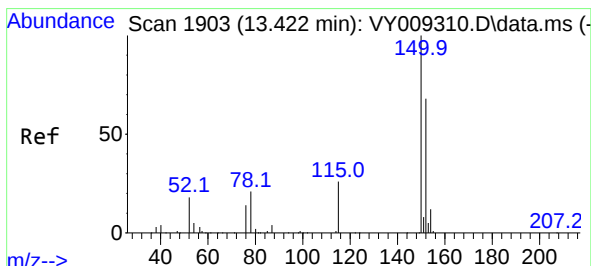
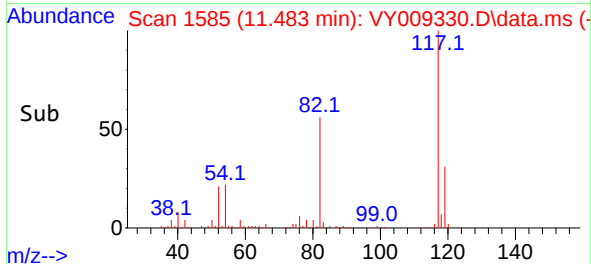
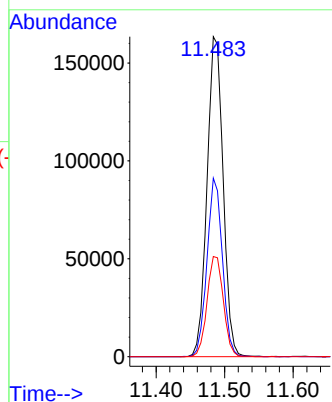


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :

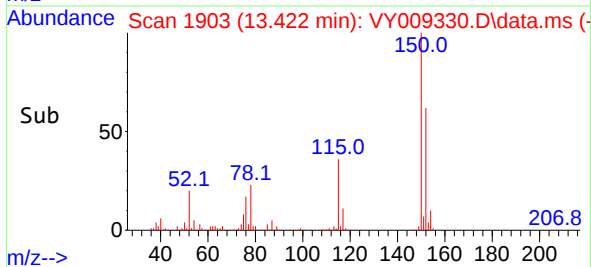
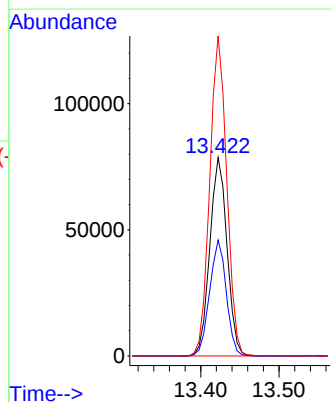
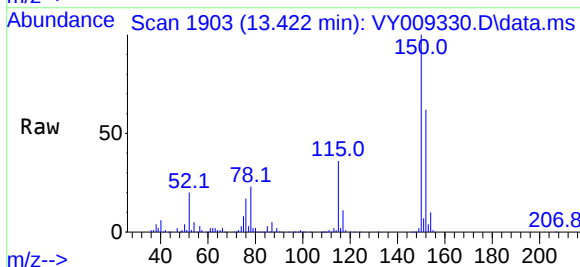


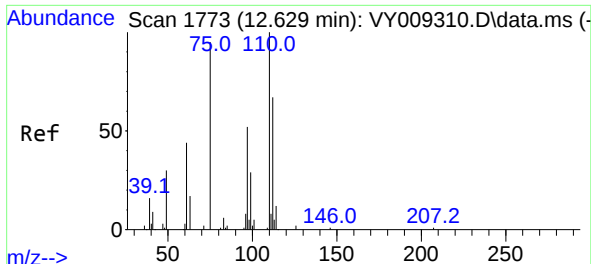
Tgt Ion:117 Resp: 267111
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.6
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion:152 Resp: 119931
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.9
150 158.8 0.0 349.8

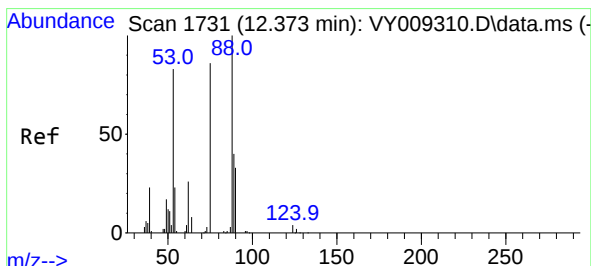
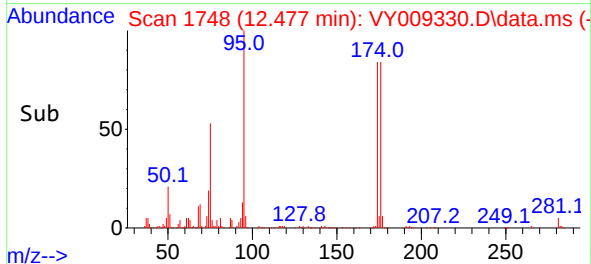
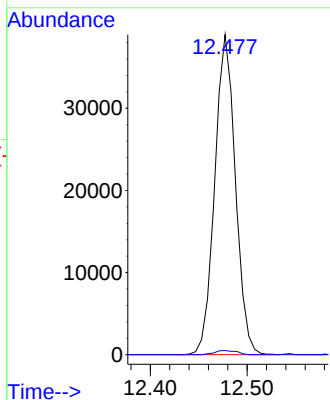
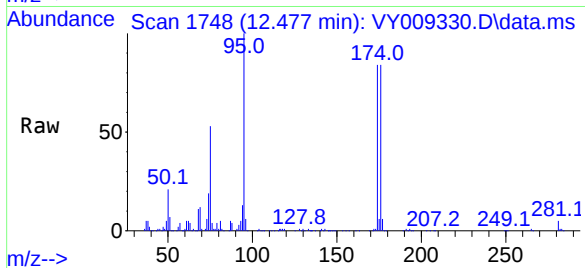




#76
1,2,3-Trichloropropane
Concen: 49.587 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57711
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.160 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009330.D
Acq: 25 Jun 2022 17:42

Tgt Ion: 75 Resp: 57711
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 38.1 57.1#

