

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007270.D
 Acq On : 24 Jan 2022 15:47
 Operator : SY/MD
 Sample : N1235-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

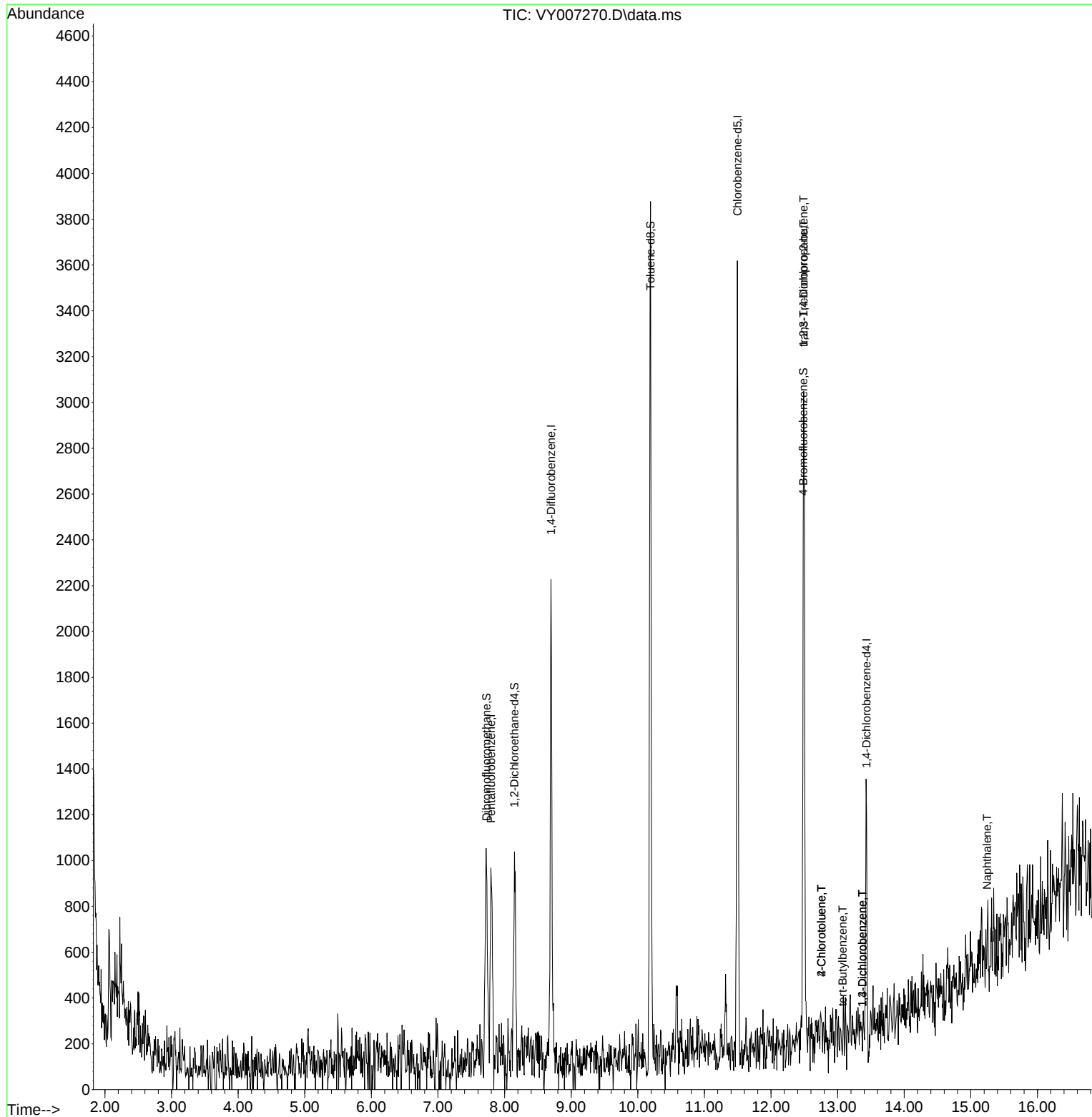
Internal Standards						
1) Pentafluorobenzene	7.795	168	993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2071	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	872	71.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.140%	
35) Dibromofluoromethane	7.728	113	832	55.600	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.191	98	2643	48.338	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	12.483	95	726	37.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.660%	
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.489	75	357	99.392	ug/l #	100
79) 2-Chlorotoluene	12.757	91	29	1.547	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.489	75	357	181.960	ug/l #	3
82) 4-Chlorotoluene	12.757	91	29	1.483	ug/l #	42
83) tert-Butylbenzene	13.074	119	21	1.088	ug/l #	26
87) 1,3-Dichlorobenzene	13.373	146	21	1.812	ug/l #	24
88) 1,4-Dichlorobenzene	13.373	146	21	1.802	ug/l #	24
95) Naphthalene	15.245	128	47	3.529	ug/l #	69

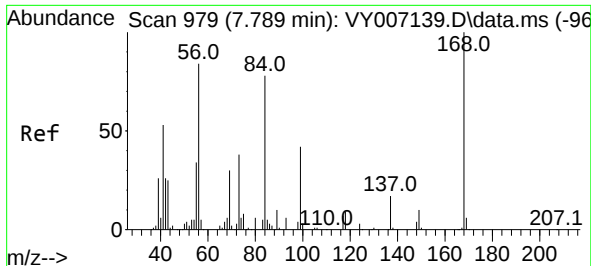
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
Data File : VY007270.D
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 00:33:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

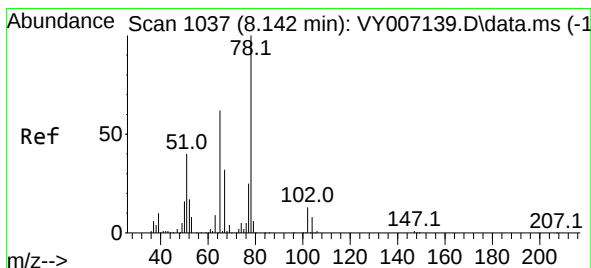
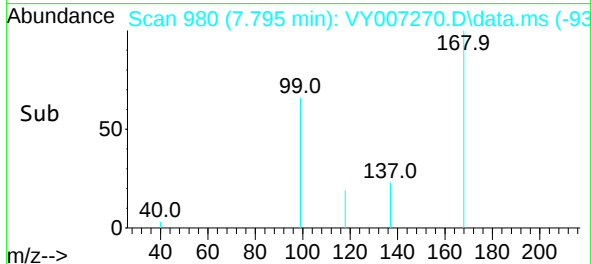
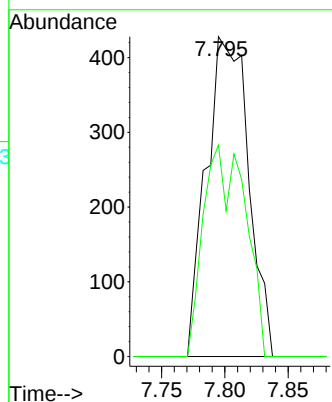
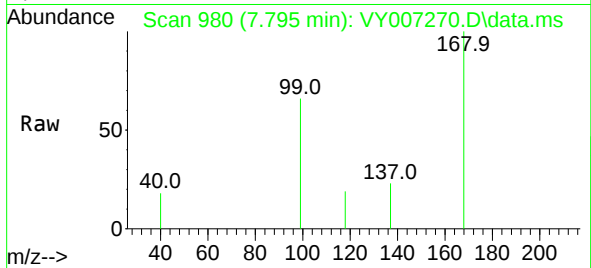




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

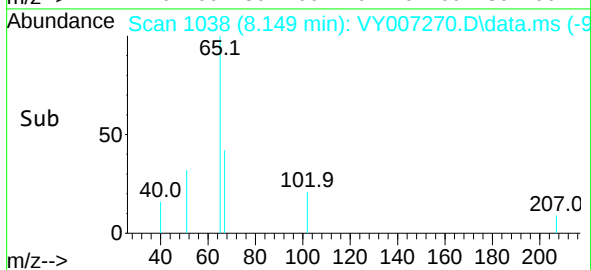
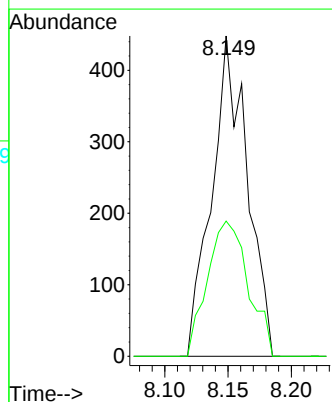
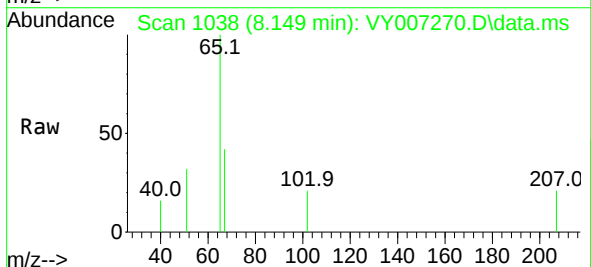
Instrument :
MSVOA_Y
ClientSampleId :

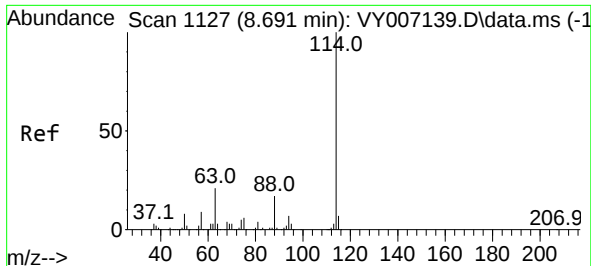
Tgt Ion:168 Resp: 993
Ion Ratio Lower Upper
168 100
99 66.1 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 71.568 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Tgt Ion: 65 Resp: 872
Ion Ratio Lower Upper
65 100
67 48.6 0.0 105.6

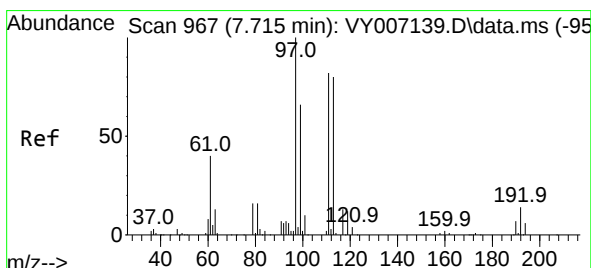
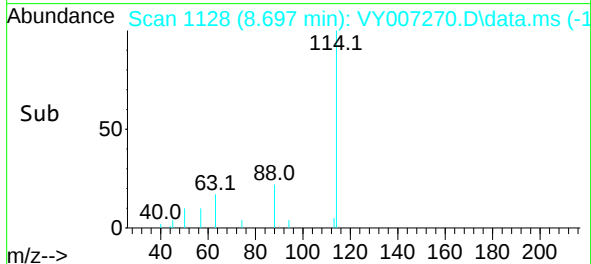
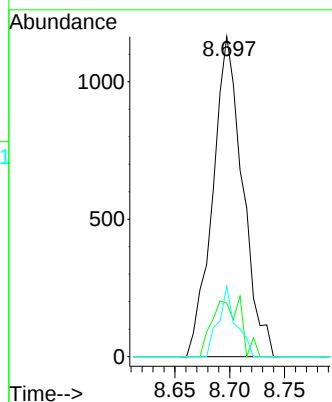
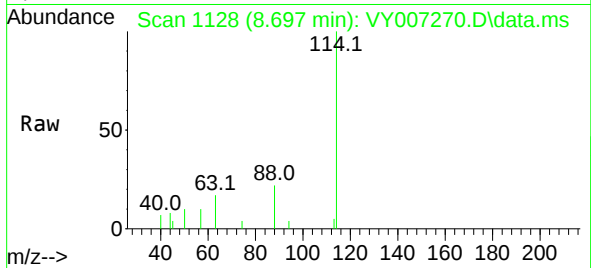




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

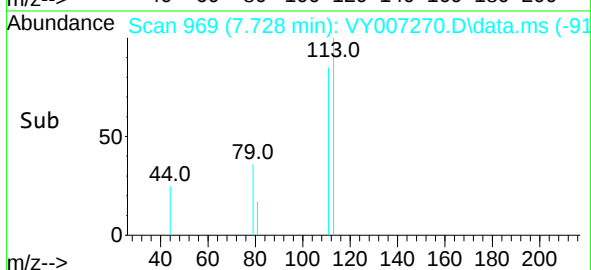
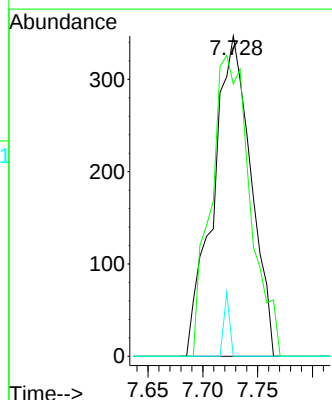
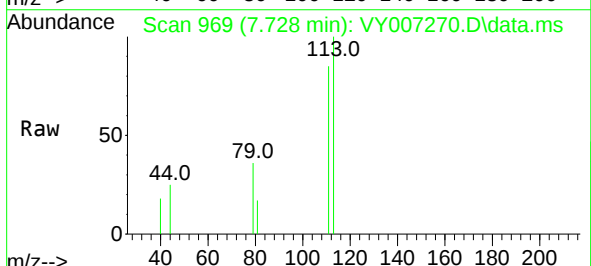
Instrument :
MSVOA_Y
ClientSampleId :

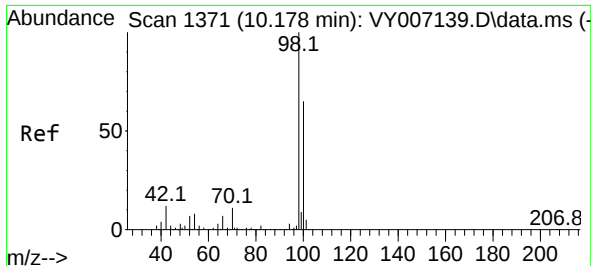
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	39.2
88	21.9	0.0	31.0



#35
Dibromofluoromethane
Concen: 55.600 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.6	82.2	123.4
192	3.0	14.2	21.4

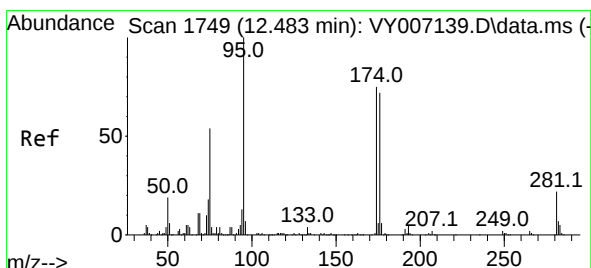
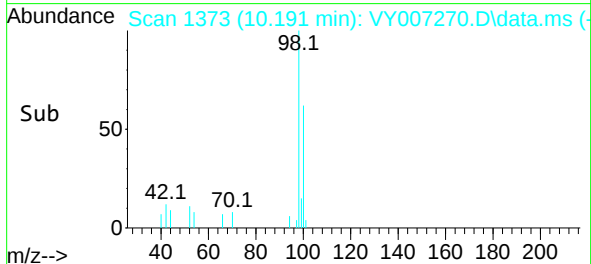
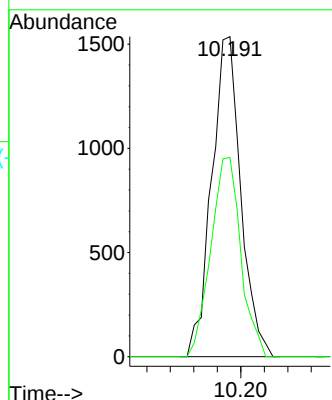
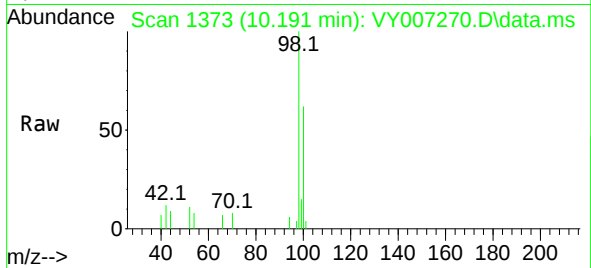




#50
Toluene-d8
Concen: 48.338 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

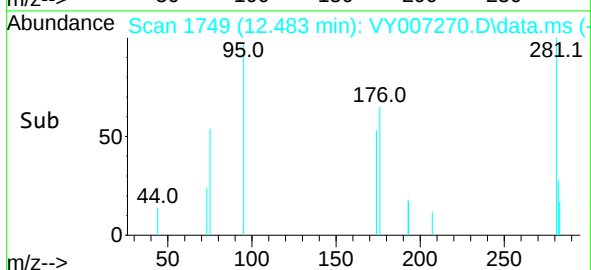
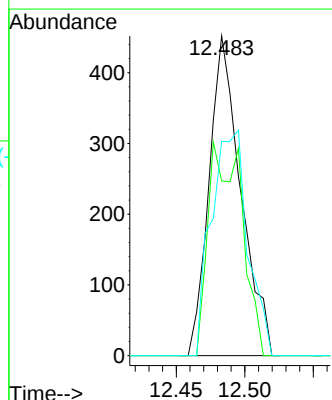
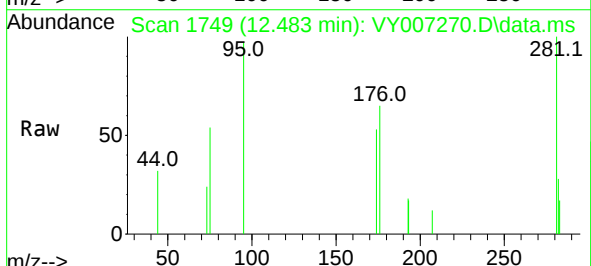
Instrument :
MSVOA_Y
ClientSampleId :

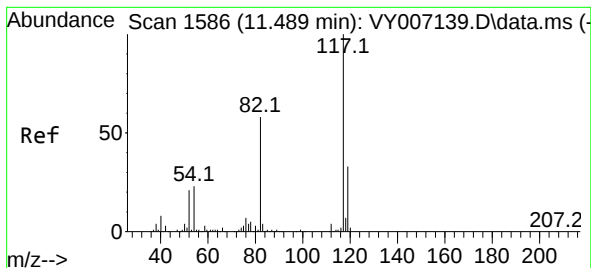
Tgt Ion: 98 Resp: 2643
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Tgt Ion: 95 Resp: 726
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.4
176 81.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007270.D

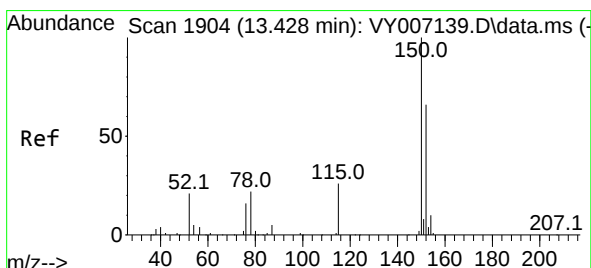
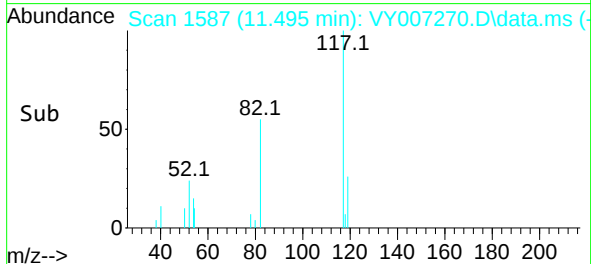
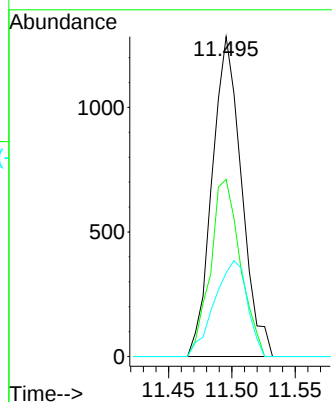
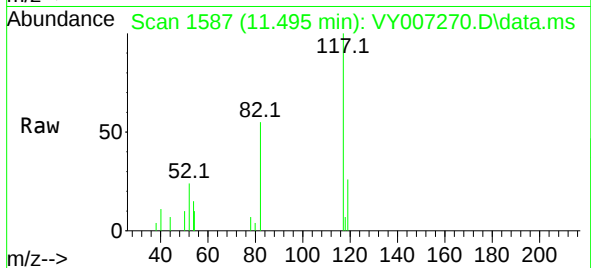
Acq: 24 Jan 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	2071
Ion	Ratio	Lower Upper
117	100	
82	55.4	45.4 68.0
119	26.2	26.4 39.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

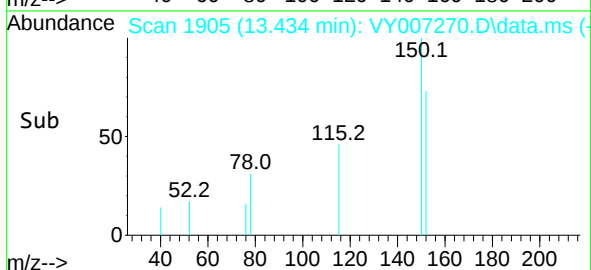
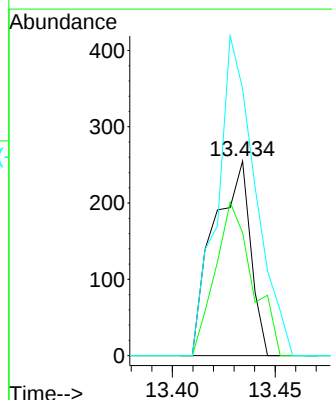
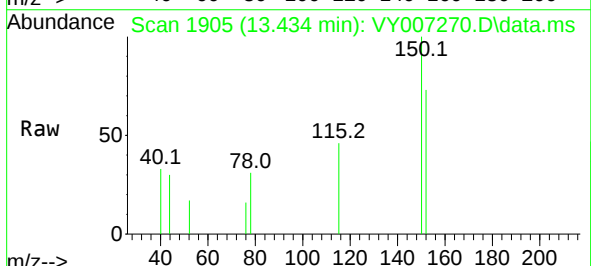
RT: 13.434 min Scan# 1905

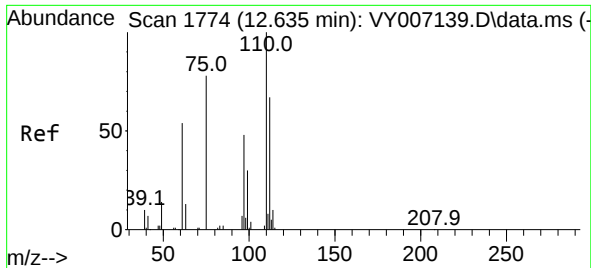
Delta R.T. 0.006 min

Lab File: VY007270.D

Acq: 24 Jan 2022 15:47

Tgt Ion:152	Resp:	315
Ion	Ratio	Lower Upper
152	100	
115	80.3	31.4 94.0
150	170.5	0.0 348.4

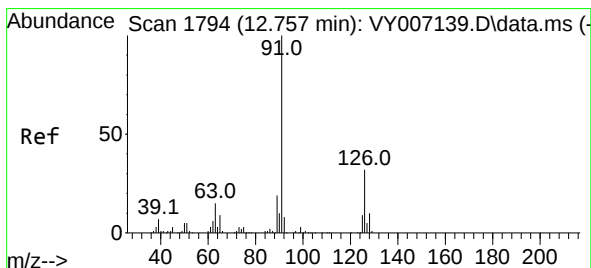
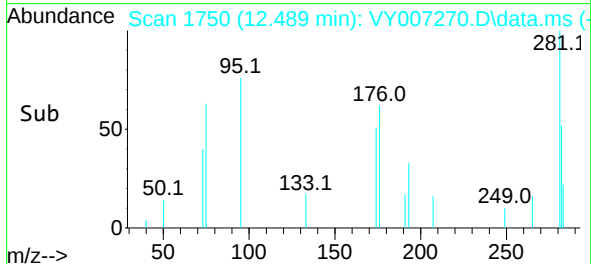
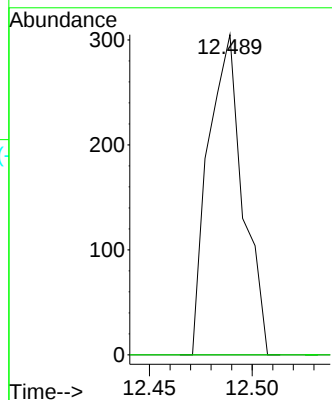
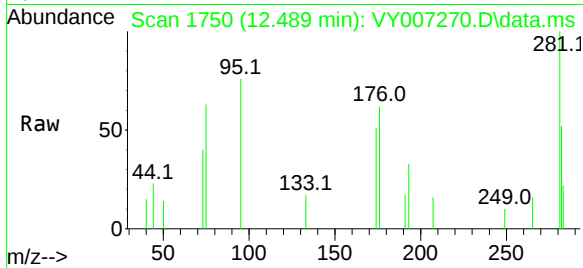




#76
1,2,3-Trichloropropane
Concen: 99.392 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

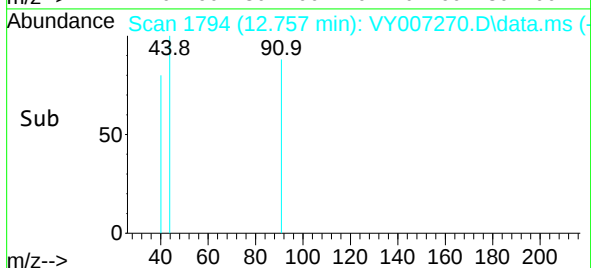
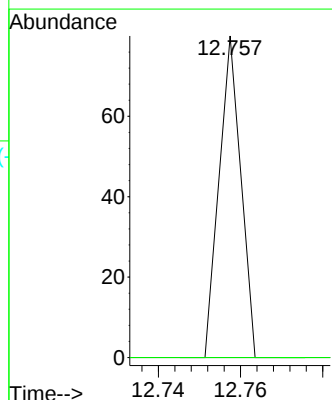
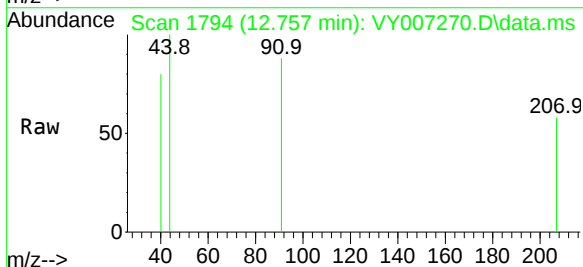
Instrument :
MSVOA_Y
ClientSampleId :

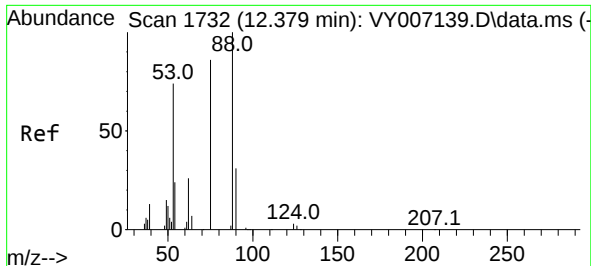
Tgt Ion: 75 Resp: 357
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#79
2-Chlorotoluene
Concen: 1.547 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

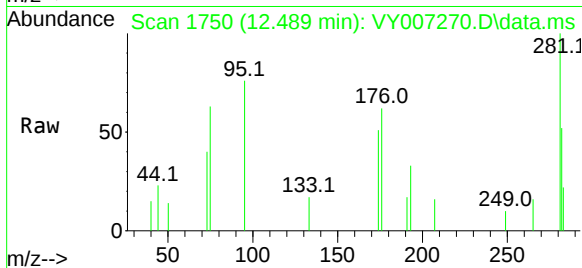
Tgt Ion: 91 Resp: 29
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



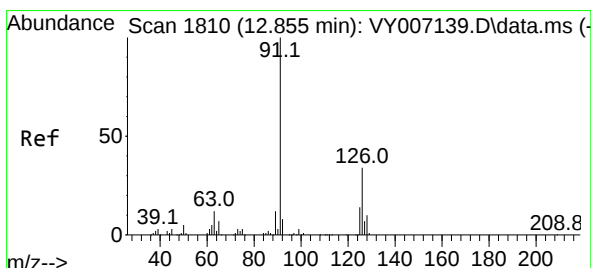
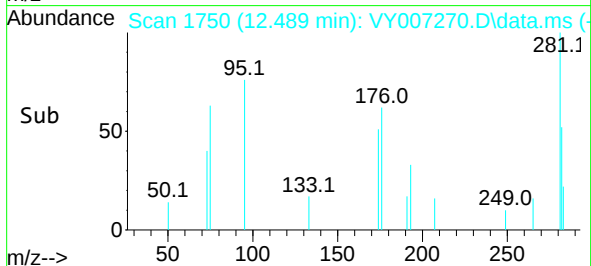
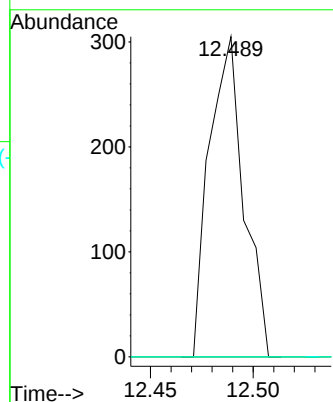


#81
trans-1,4-Dichloro-2-butene
Concen: 181.960 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :

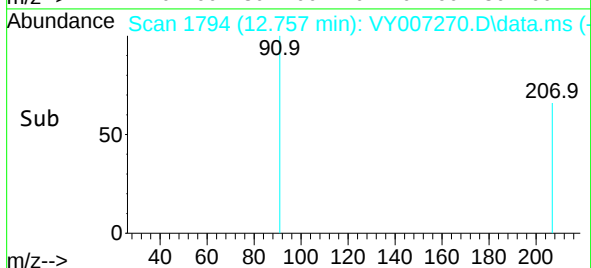
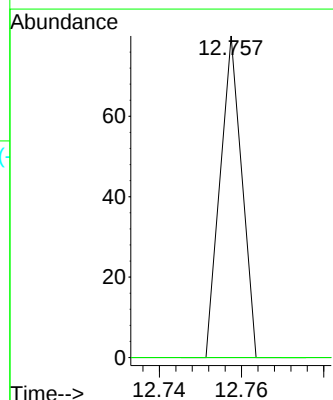
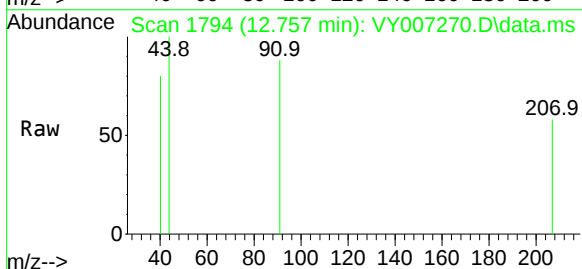


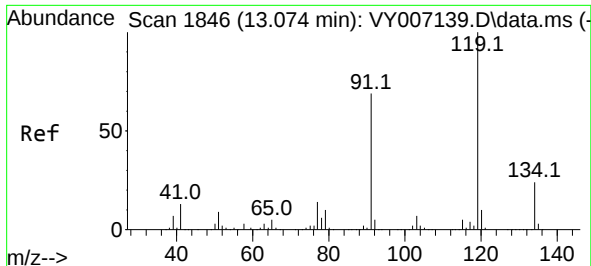
Tgt Ion: 75 Resp: 357
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.483 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.097 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

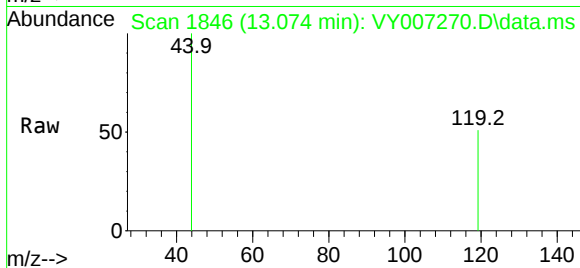
Tgt Ion: 91 Resp: 29
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#



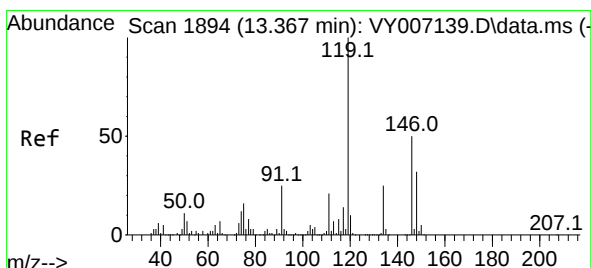
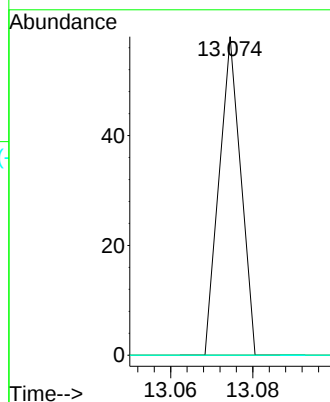
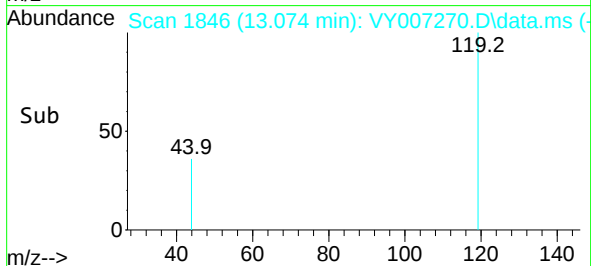


#83
tert-Butylbenzene
Concen: 1.088 ug/l
RT: 13.074 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

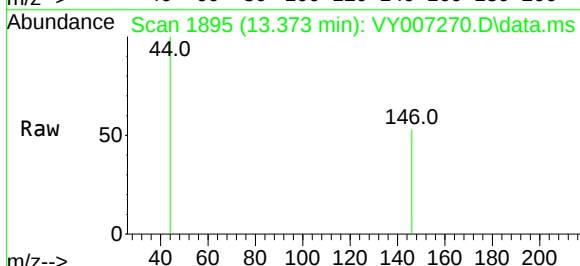
Instrument :
MSVOA_Y
ClientSampleId :



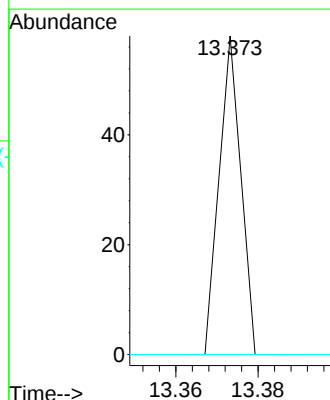
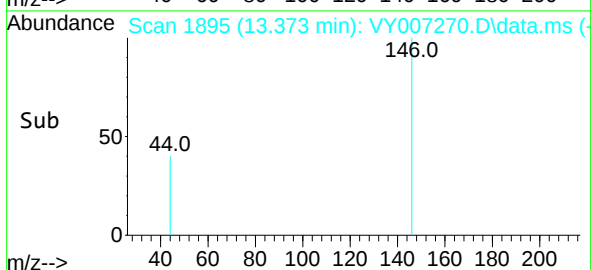
Tgt Ion:119 Resp: 21
Ion Ratio Lower Upper
119 100
91 0.0 33.1 99.5#
134 0.0 12.9 38.7#

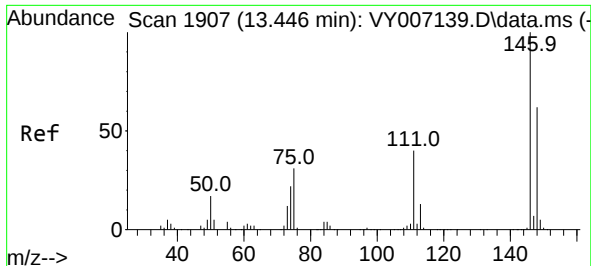


#87
1,3-Dichlorobenzene
Concen: 1.812 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47



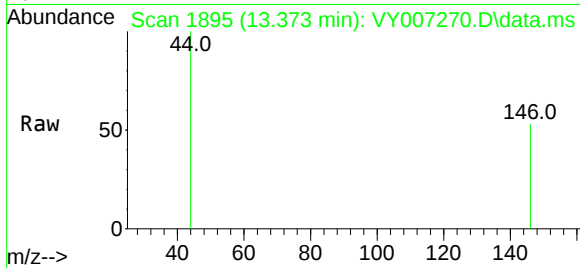
Tgt Ion:146 Resp: 21
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.1#
148 0.0 31.9 95.7#



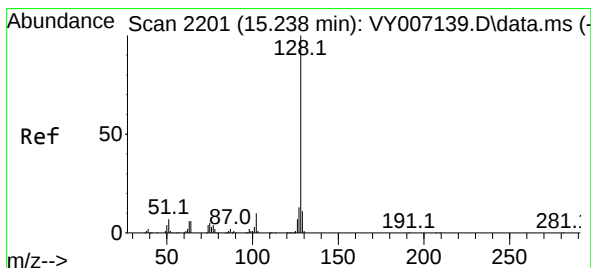
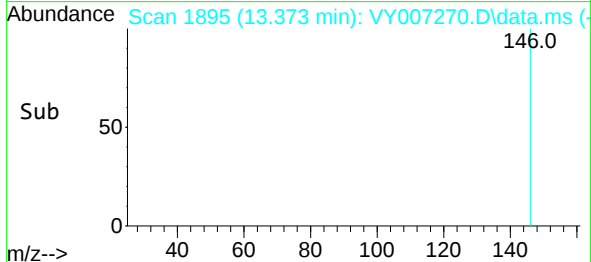
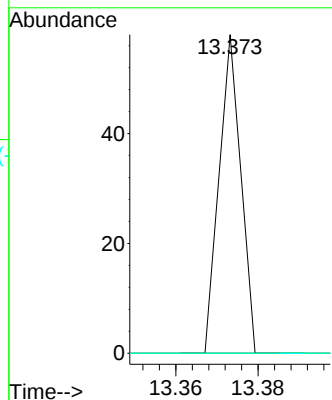


#88
1,4-Dichlorobenzene
Concen: 1.802 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.073 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:146 Resp: 21
Ion Ratio Lower Upper
146 100
111 0.0 20.7 62.1#
148 0.0 32.0 96.2#



#95
Naphthalene
Concen: 3.529 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY007270.D
Acq: 24 Jan 2022 15:47

Tgt Ion:128 Resp: 47
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.9 13.3#

