

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009704.D
 Acq On : 26 Jul 2022 16:48
 Operator : KP/MD
 Sample : N3855-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072222RE

Quant Time: Jul 27 04:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

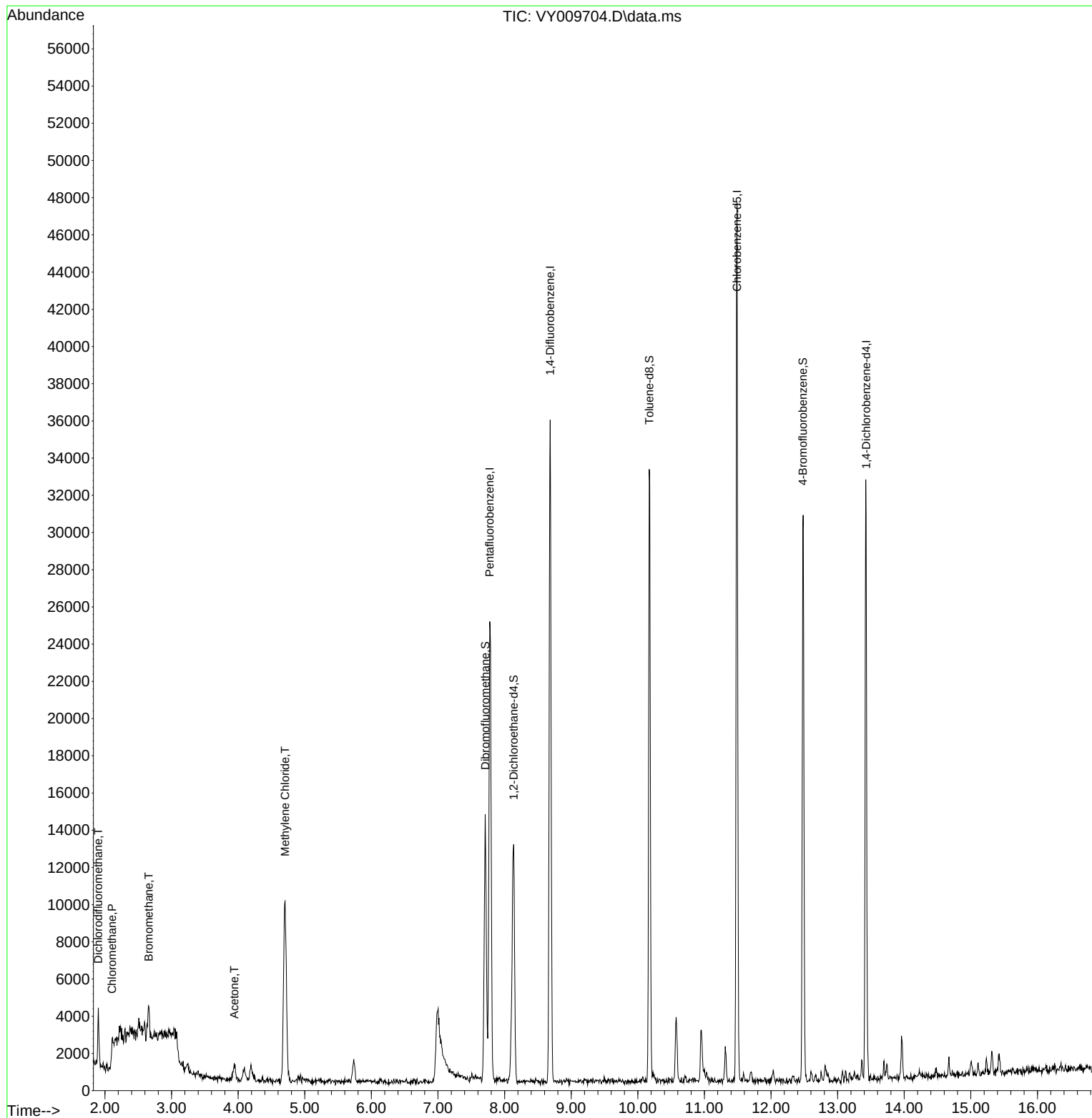
Internal Standards						
1) Pentafluorobenzene	7.777	168	21249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	26396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9168	66.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.060%
35) Dibromofluoromethane	7.710	113	9689	56.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.173	98	22814	44.935	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	89.860%
62) 4-Bromofluorobenzene	12.477	95	8166	35.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	71.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	2227	11.772	ug/l	96
3) Chloromethane	2.107	50	673	2.906	ug/l #	84
5) Bromomethane	2.656	94	808	4.509	ug/l	98
16) Acetone	3.942	43	1605	31.591	ug/l	96
20) Methylene Chloride	4.704	84	7488	26.067	ug/l #	77

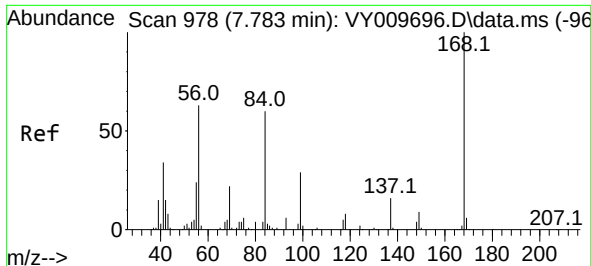
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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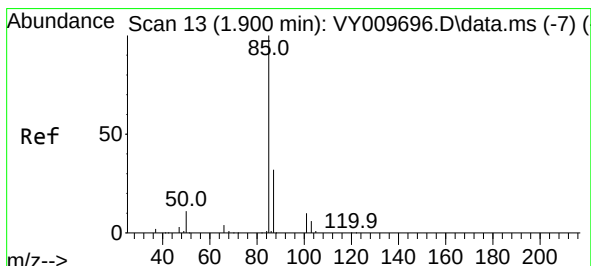
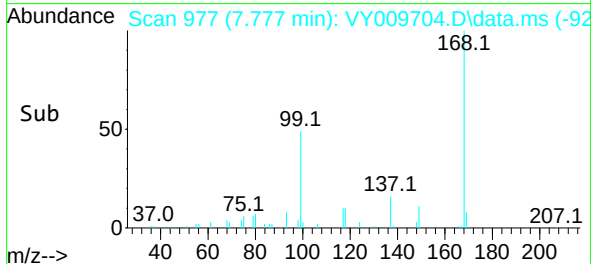
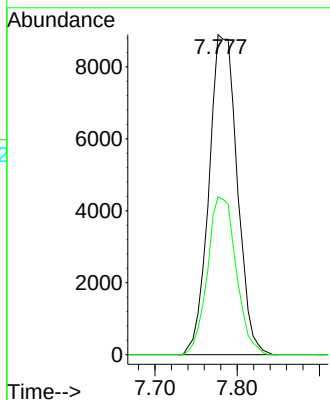
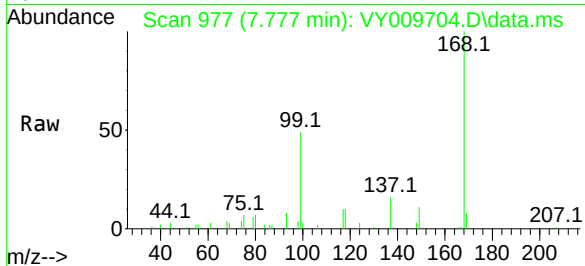




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

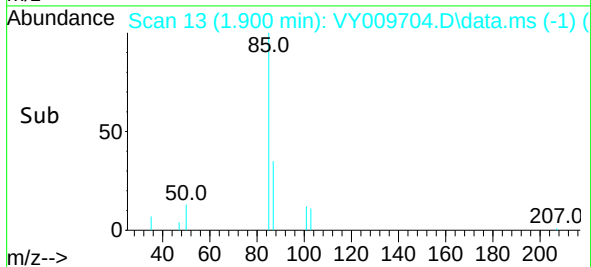
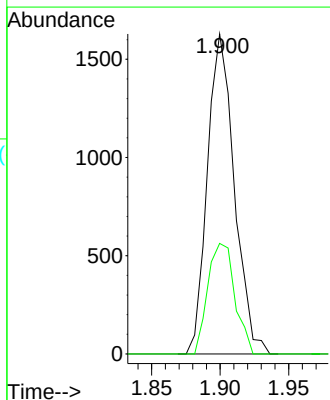
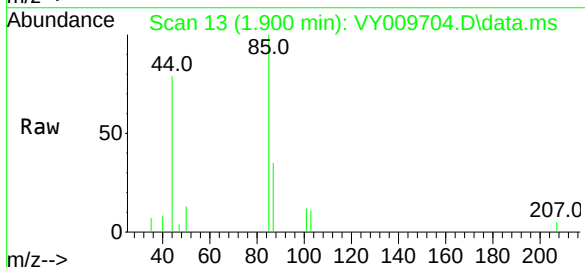
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222RE

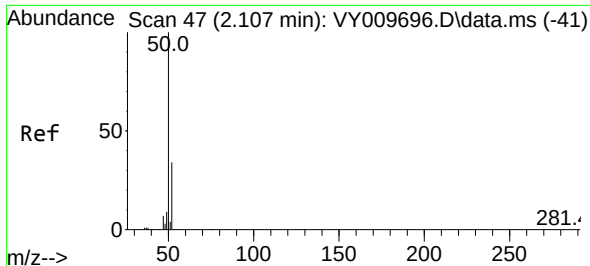
Tgt Ion:168 Resp: 21249
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 11.772 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

Tgt Ion: 85 Resp: 2227
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.2

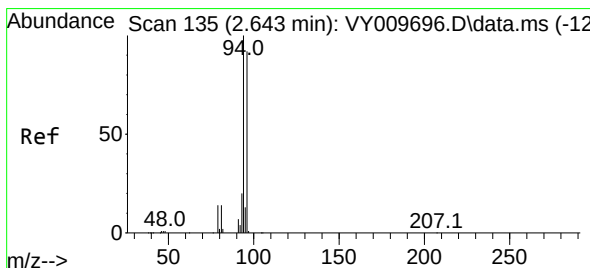
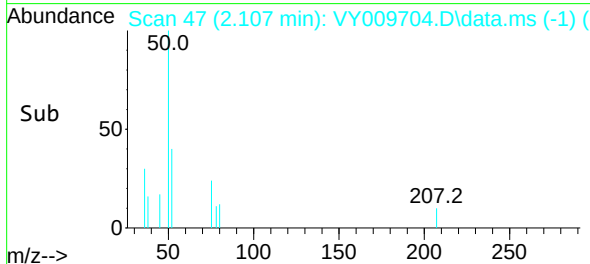
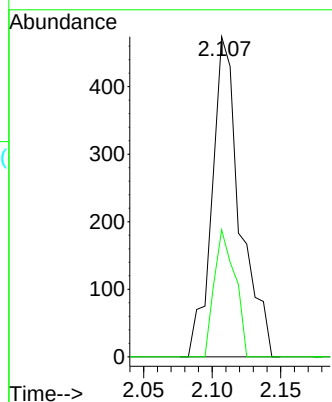
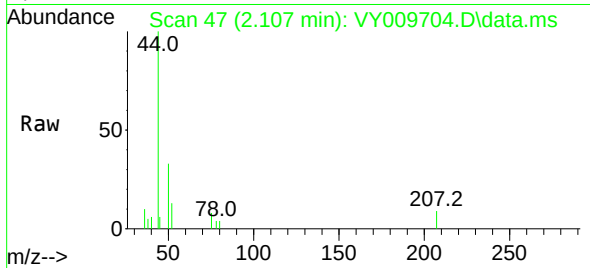




#3
Chloromethane
Concen: 2.906 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

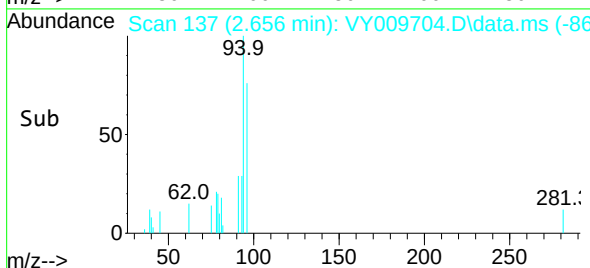
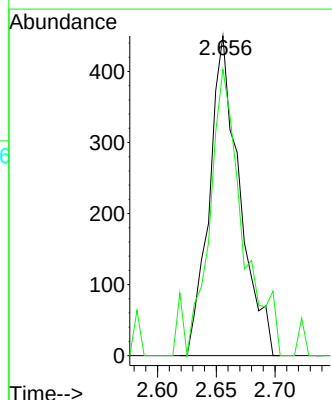
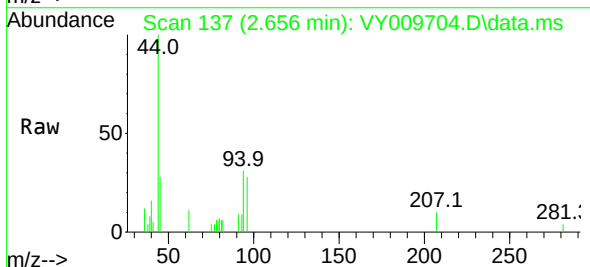
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222RE

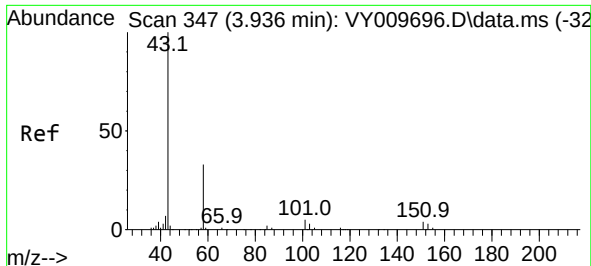
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 39.7 24.6 37.0#



#5
Bromomethane
Concen: 4.509 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.013 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 89.6 73.5 110.3

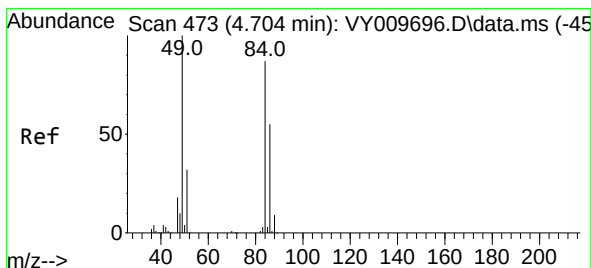
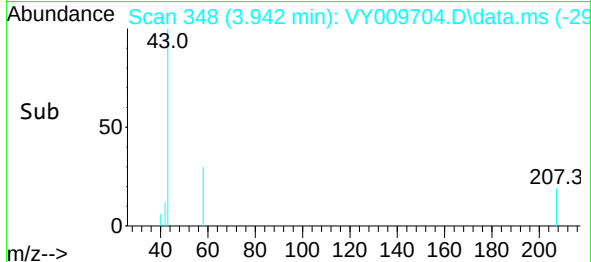
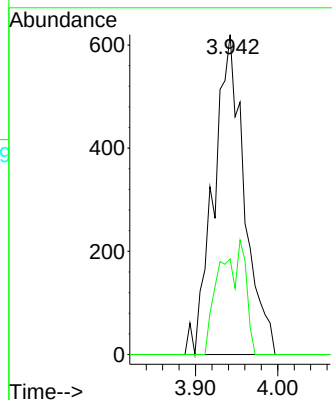
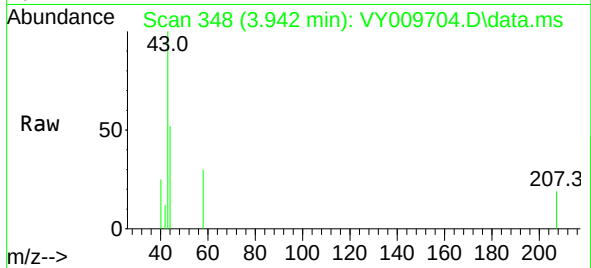




#16
Acetone
Concen: 31.591 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

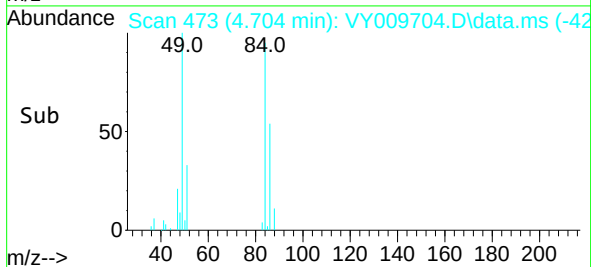
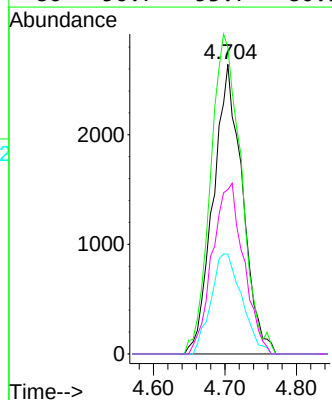
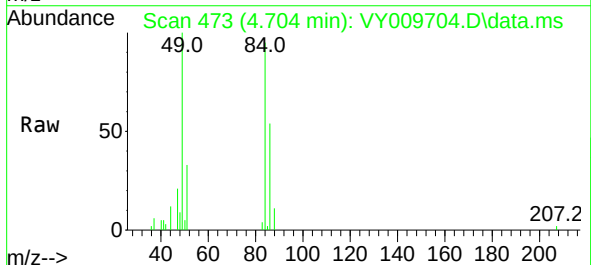
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222RE

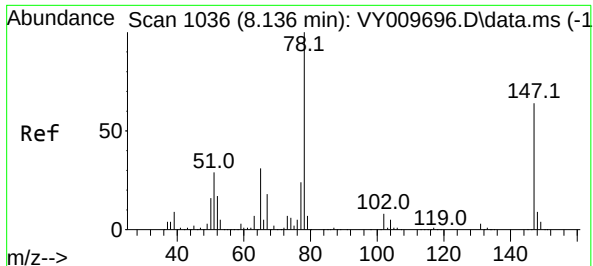
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0



#20
Methylene Chloride
Concen: 26.067 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

Tgt Ion: 84 Resp: 7488
Ion Ratio Lower Upper
84 100
49 105.8 114.4 171.6#
51 34.4 35.3 52.9#
86 56.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.528 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009704.D

Acq: 26 Jul 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

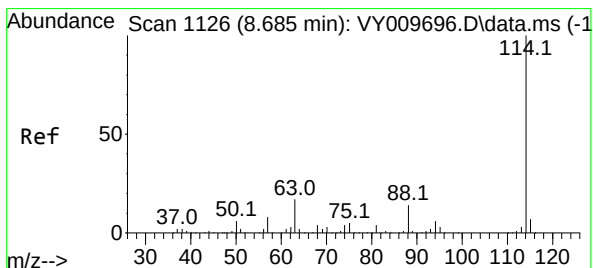
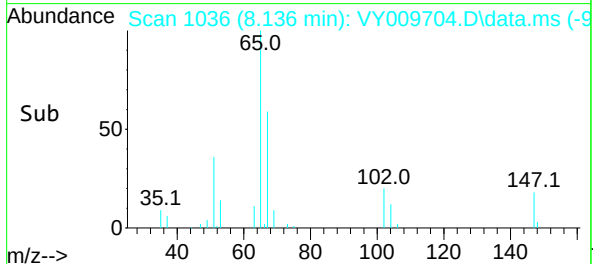
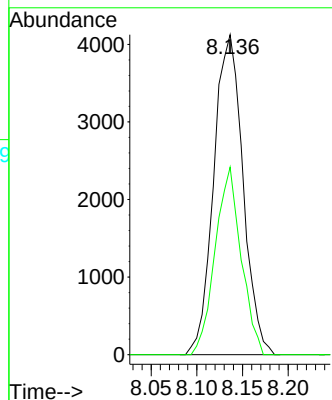
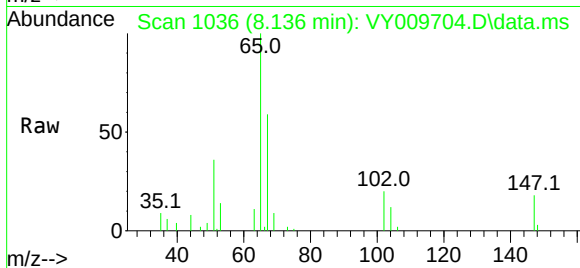
EO-01-072222RE

Tgt Ion: 65 Resp: 9168

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009704.D

Acq: 26 Jul 2022 16:48

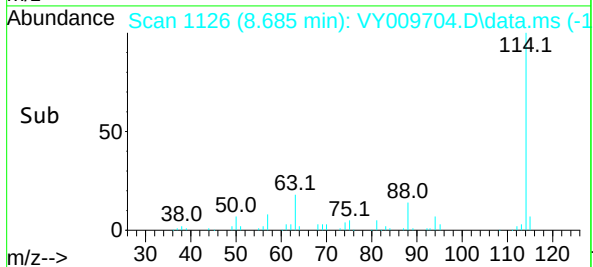
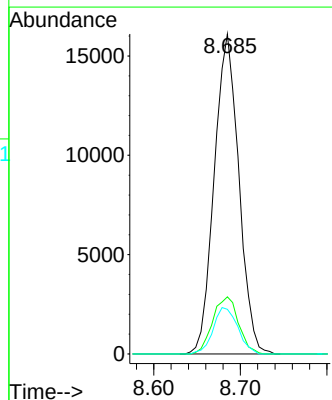
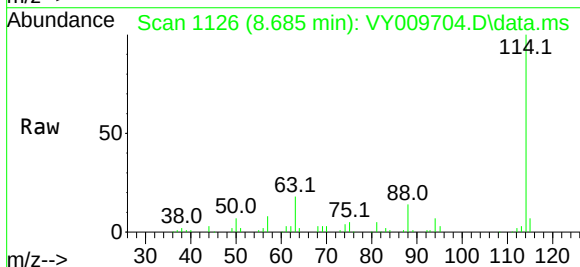
Tgt Ion: 114 Resp: 31750

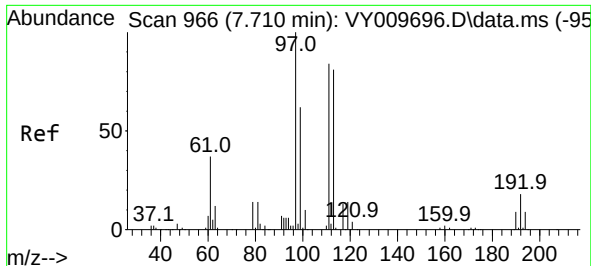
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.9 0.0 31.8

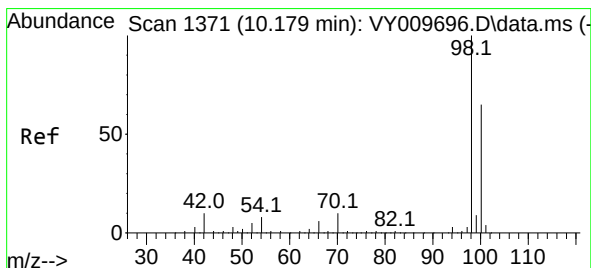
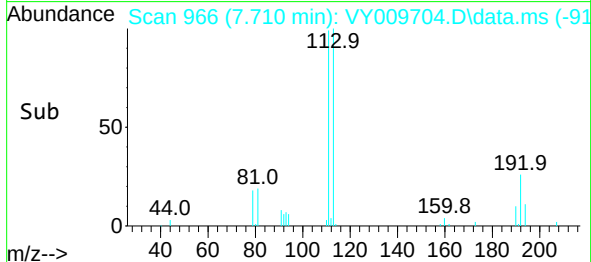
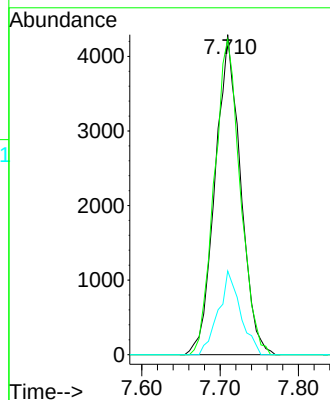
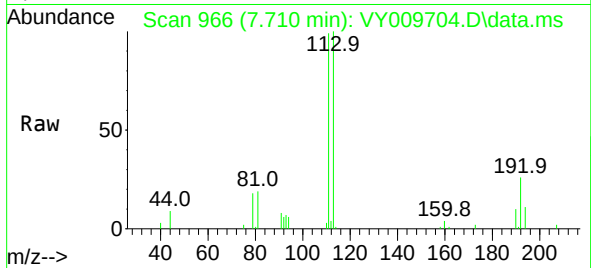




#35
Dibromofluoromethane
Concen: 56.110 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

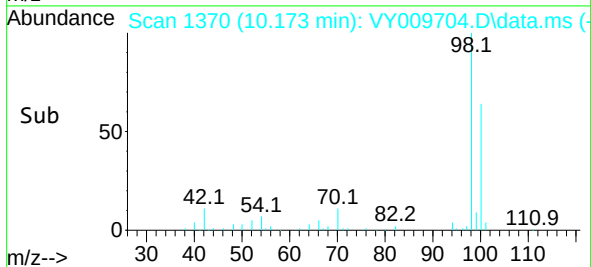
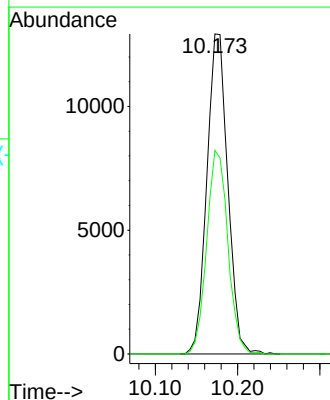
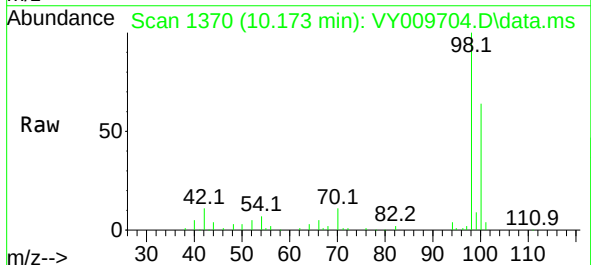
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222RE

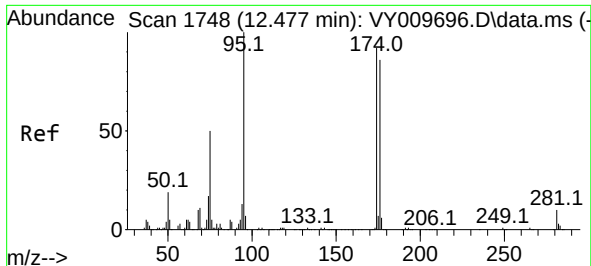
Tgt Ion:113 Resp: 9689
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 22.5 17.6 26.4



#50
Toluene-d8
Concen: 44.935 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

Tgt Ion: 98 Resp: 22814
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

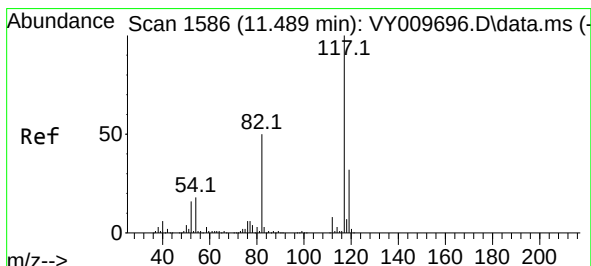
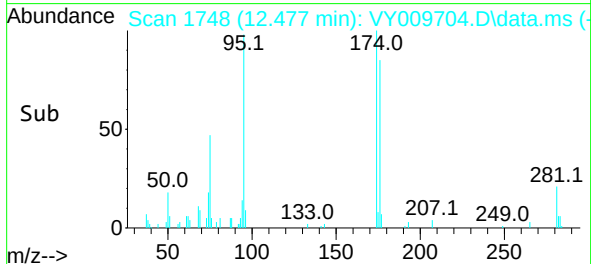
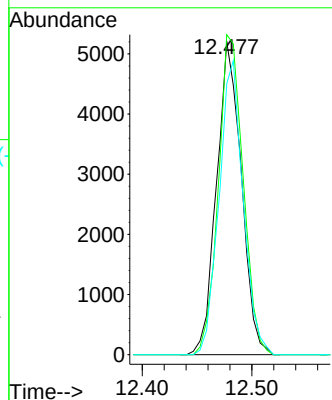
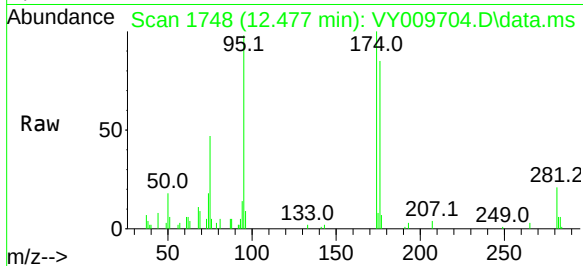




#62
4-Bromofluorobenzene
Concen: 35.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

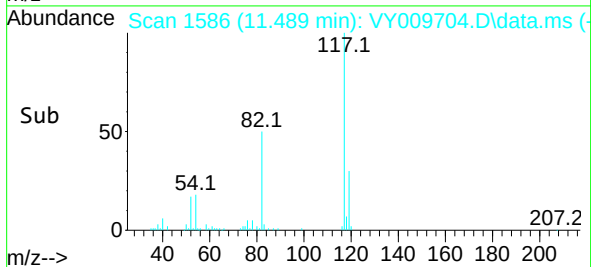
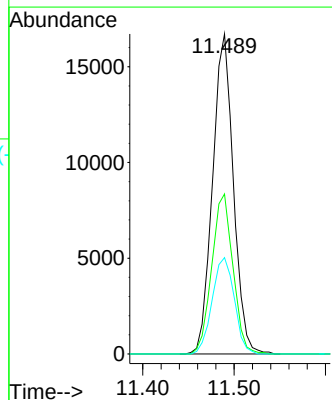
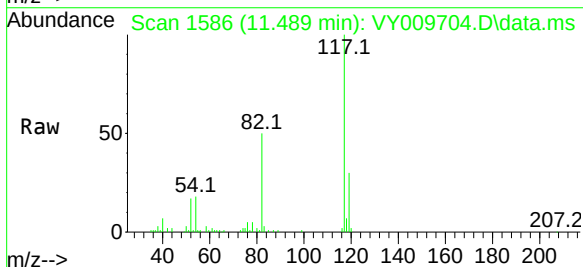
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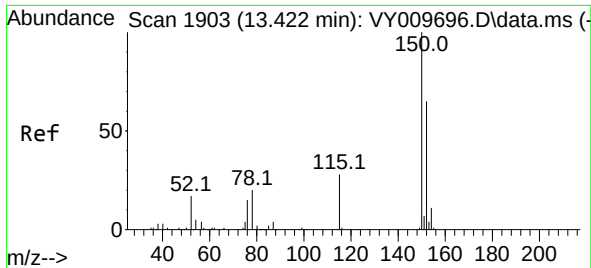
Tgt Ion:	95	Resp:	8166
Ion	Ratio	Lower	Upper
95	100		
174	102.2	0.0	177.0
176	91.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009704.D
Acq: 26 Jul 2022 16:48

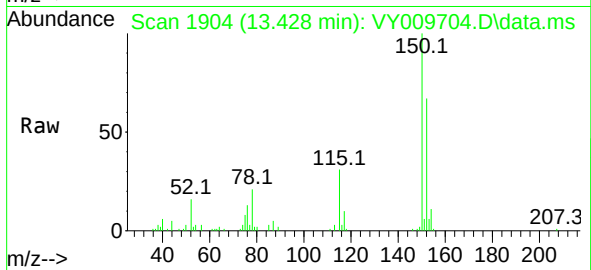
Tgt Ion:	117	Resp:	26396
Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.0	64.4
119	30.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY009704.D
 Acq: 26 Jul 2022 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072222RE



Tgt Ion:	152	Resp:	8975
Ion Ratio	Lower	Upper	
152	100		
115	52.8	28.2	84.7
150	156.4	0.0	347.6

