

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006680.D
 Acq On : 08 Nov 2021 15:09
 Operator : SY/MD
 Sample : M4477-02RE
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T1-EP02-NERE

Quant Time: Nov 09 13:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

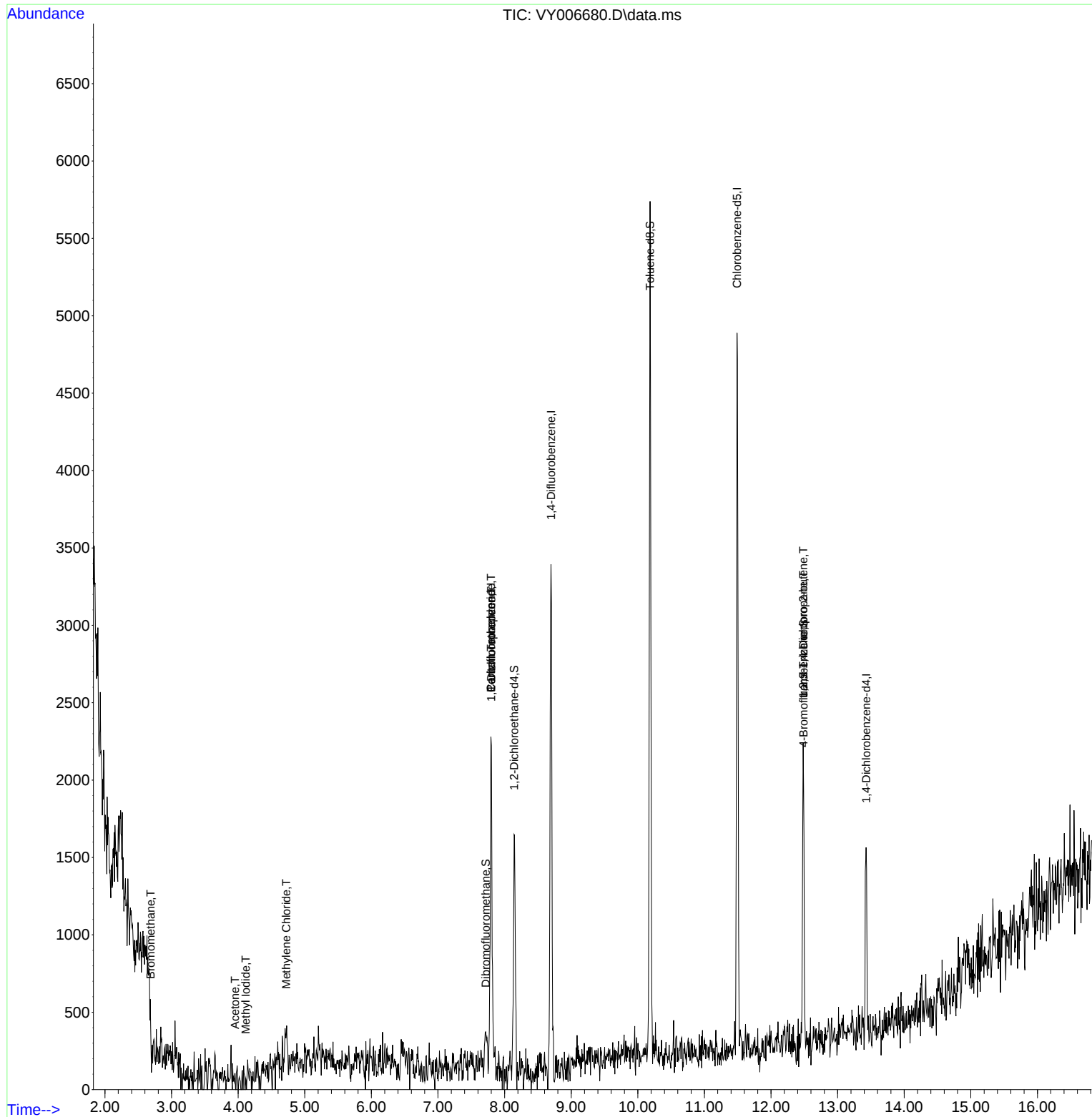
Internal Standards						
1) Pentafluorobenzene	7.795	168	2114	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	3114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1193	45.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.720%
35) Dibromofluoromethane	7.716	113	194	11.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	22.360%#
50) Toluene-d8	10.185	98	3565	48.453	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.489	95	799	32.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.480%
Target Compounds						
						Qvalue
5) Bromomethane	2.686	94	20	1.019	ug/l	# 4
10) Methyl Iodide	4.113	142	49	7.175	ug/l	# 36
16) Acetone	3.954	43	19	2.536	ug/l	# 46
20) Methylene Chloride	4.722	84	130	1.699	ug/l	# 57
36) 1,1-Dichloropropene	7.801	75	50	1.625	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	100	2.946	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	411	118.002	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	411	242.253	ug/l	# 7

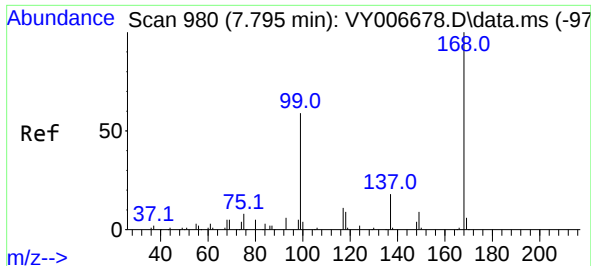
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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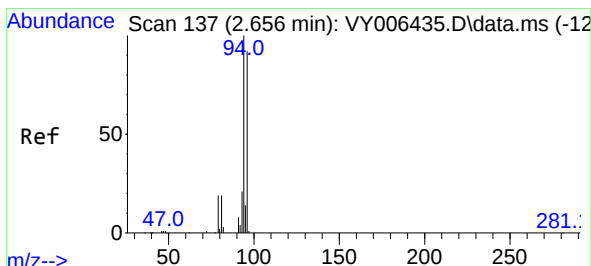
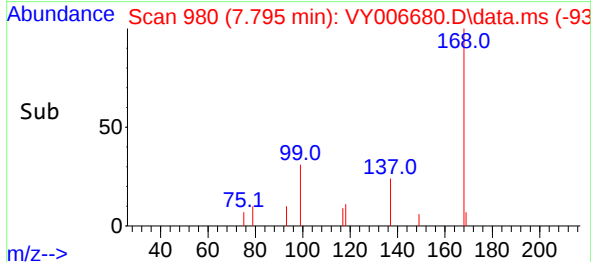
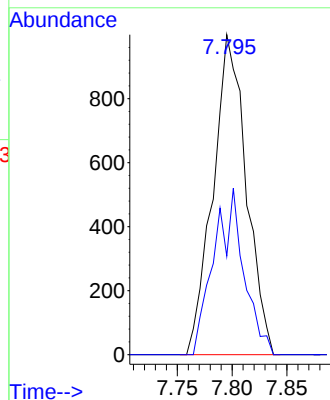
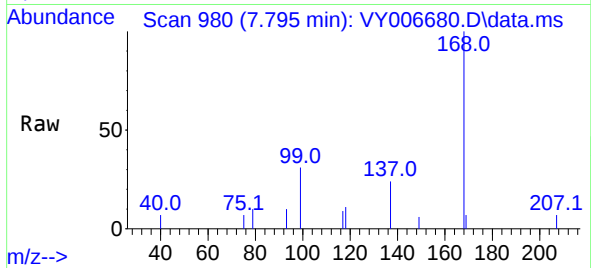




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

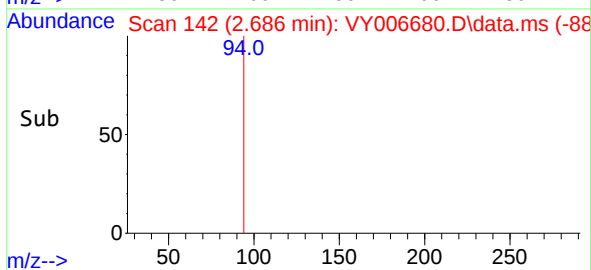
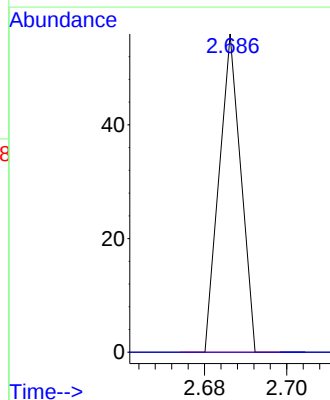
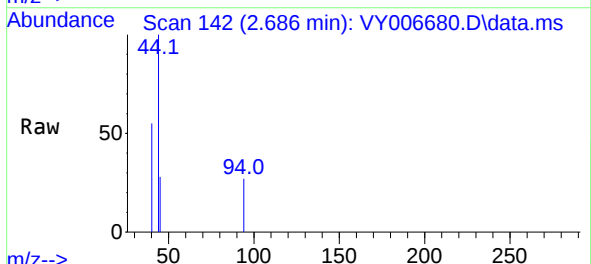
Instrument :
MSVOA_Y
ClientSampleId :
T1-EP02-NERE

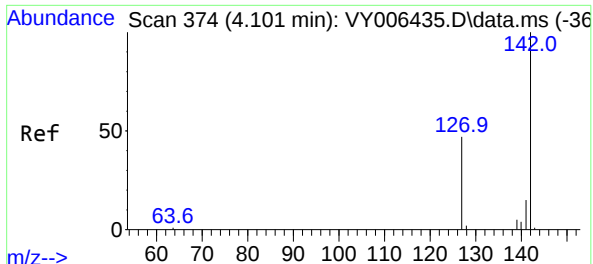
Tgt Ion:168 Resp: 2114
Ion Ratio Lower Upper
168 100
99 30.8 44.8 67.2#



#5
Bromomethane
Concen: 1.019 ug/l
RT: 2.686 min Scan# 142
Delta R.T. 0.030 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

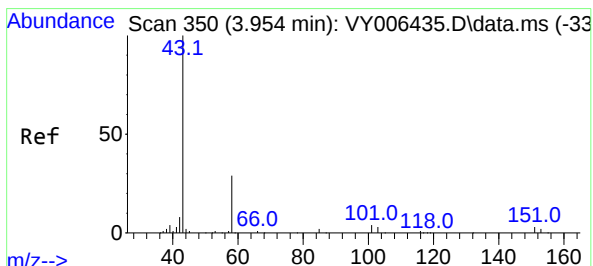
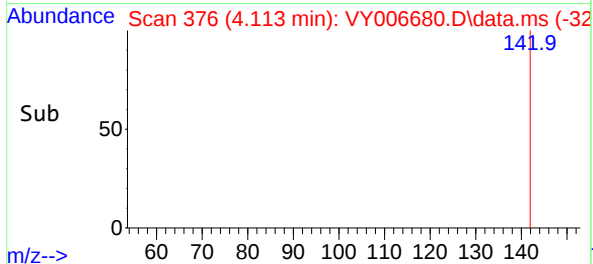
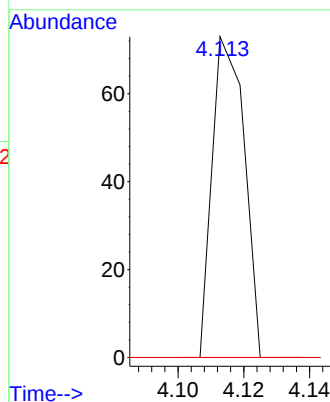
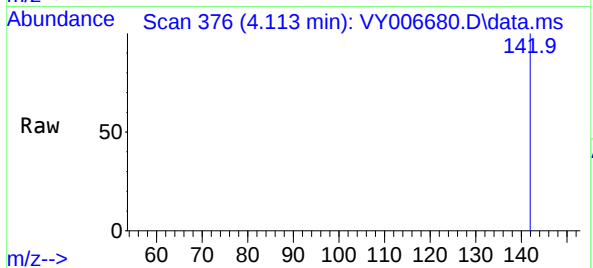




#10
Methyl Iodide
Concen: 7.175 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

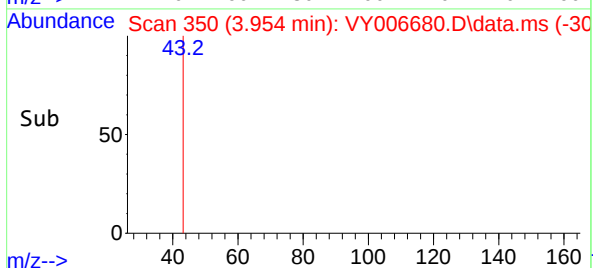
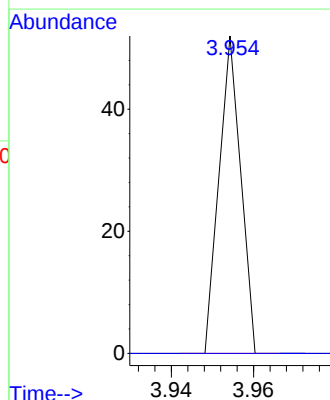
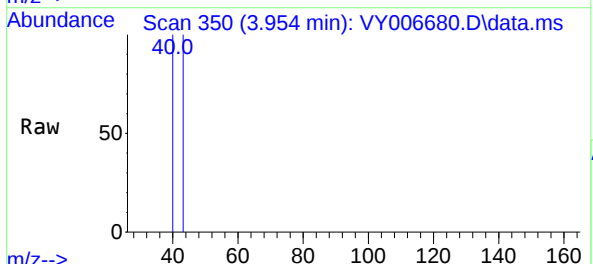
Instrument :
MSVOA_Y
ClientSampleId :
T1-EP02-NERE

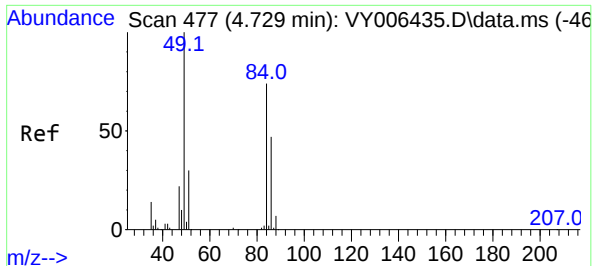
Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 2.536 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

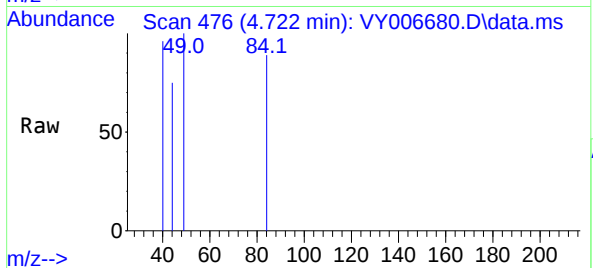
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





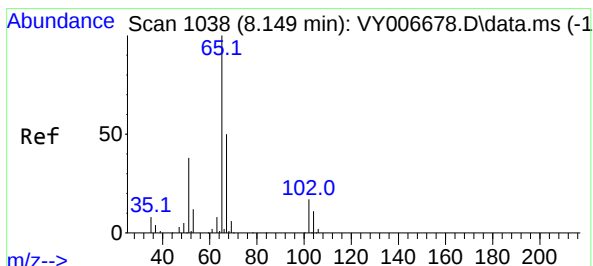
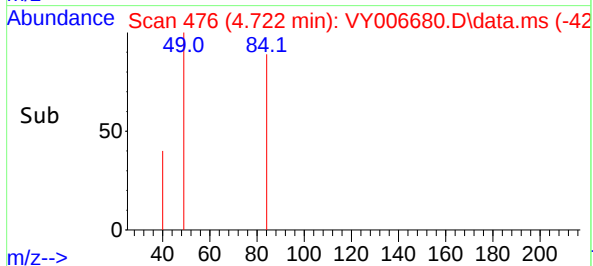
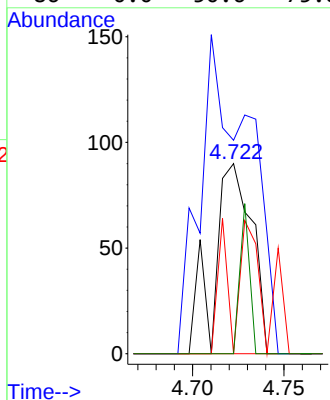
#20
Methylene Chloride
Concen: 1.699 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :
T1-EP02-NERE



Tgt Ion: 84 Resp: 130

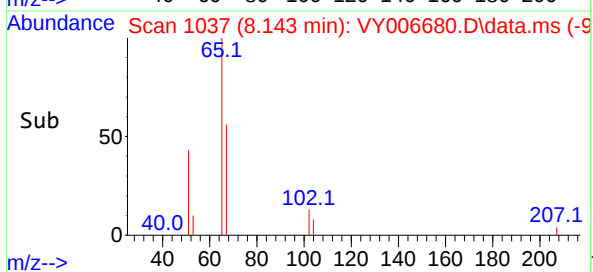
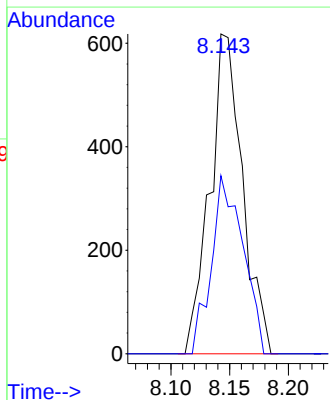
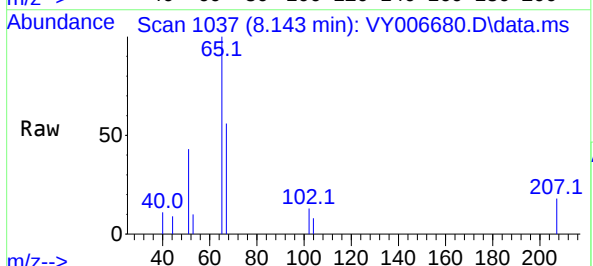
Ion	Ratio	Lower	Upper
84	100		
49	112.2	107.8	161.8
51	0.0	32.8	49.2#
86	0.0	50.6	75.8#

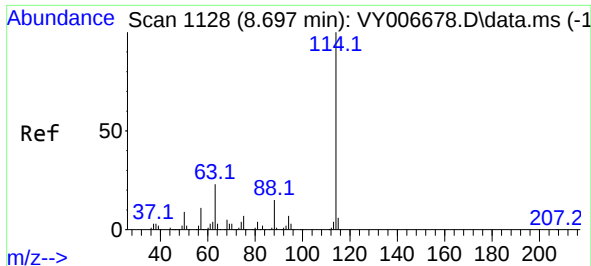


#33
1,2-Dichloroethane-d4
Concen: 45.860 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 65 Resp: 1193

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006680.D

Acq: 08 Nov 2021 15:09

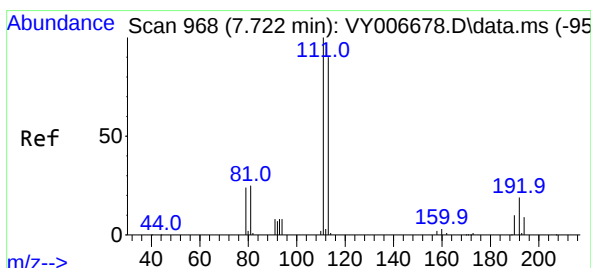
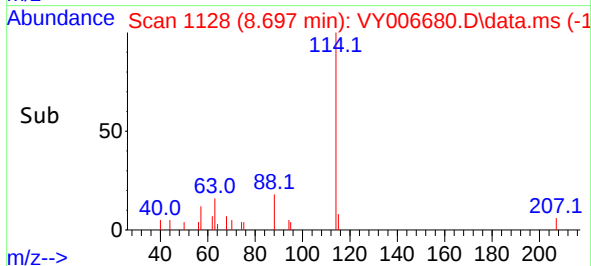
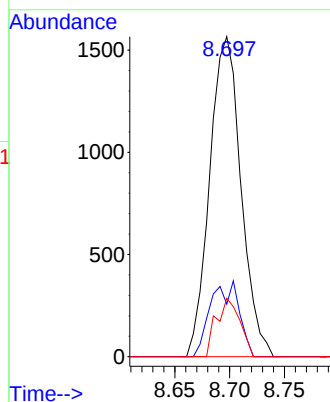
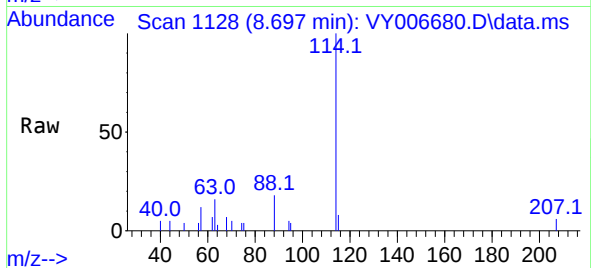
Instrument :

MSVOA_Y

ClientSampleId :

T1-EP02-NERE

Tgt Ion:114	Resp:	3114
Ion	Ratio	Lower Upper
114	100	
63	16.4	0.0 45.0
88	18.3	0.0 30.6



#35

Dibromofluoromethane

Concen: 11.177 ug/l

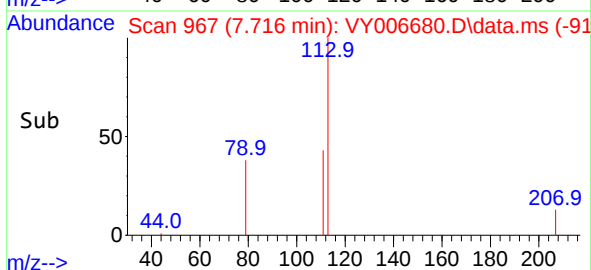
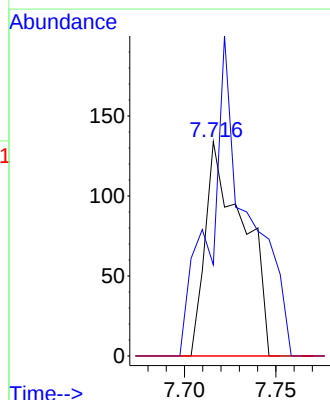
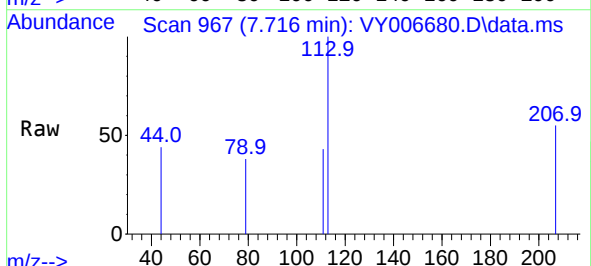
RT: 7.716 min Scan# 967

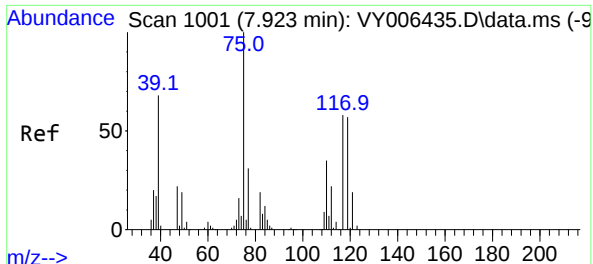
Delta R.T. -0.006 min

Lab File: VY006680.D

Acq: 08 Nov 2021 15:09

Tgt Ion:113	Resp:	194
Ion	Ratio	Lower Upper
113	100	
111	147.4	82.3 123.5#
192	0.0	17.4 26.2#





#36

1,1-Dichloropropene

Concen: 1.625 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY006680.D

Acq: 08 Nov 2021 15:09

Instrument :

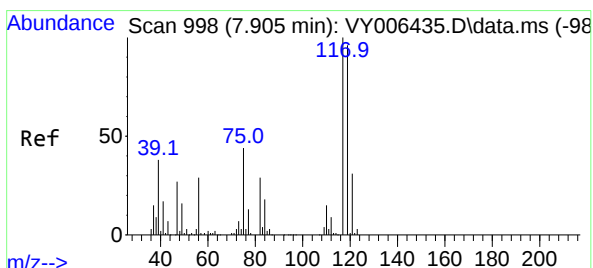
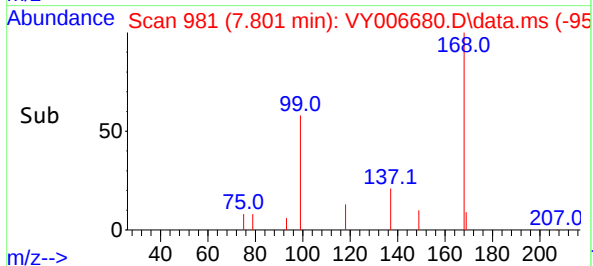
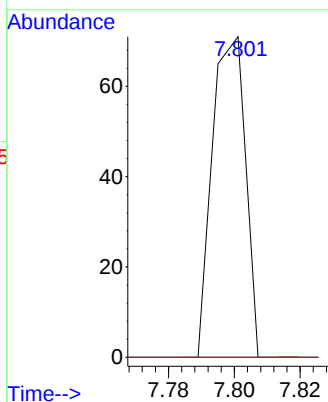
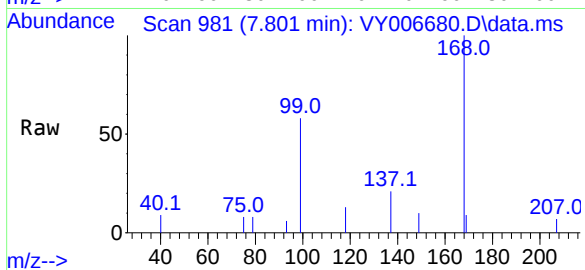
MSVOA_Y

ClientSampleId :

T1-EP02-NERE

Tgt Ion: 75 Resp: 50

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 2.946 ug/l

RT: 7.795 min Scan# 980

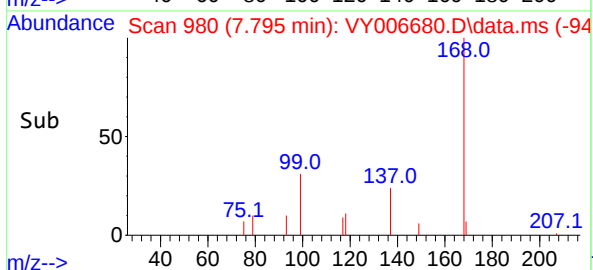
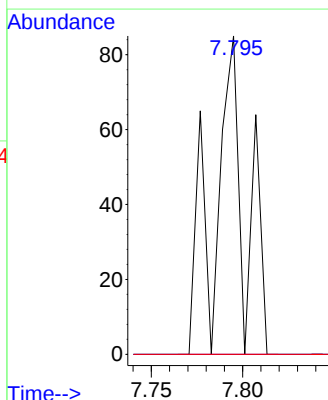
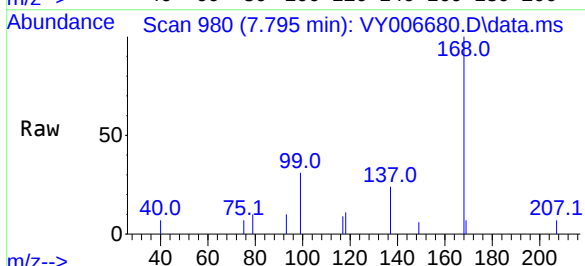
Delta R.T. -0.110 min

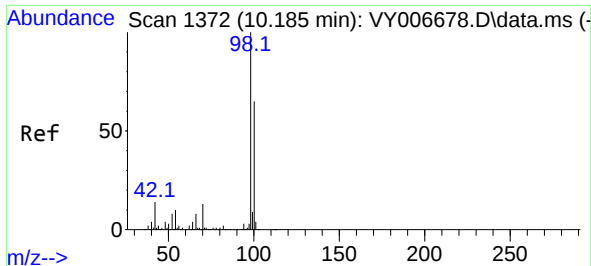
Lab File: VY006680.D

Acq: 08 Nov 2021 15:09

Tgt Ion: 117 Resp: 100

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#

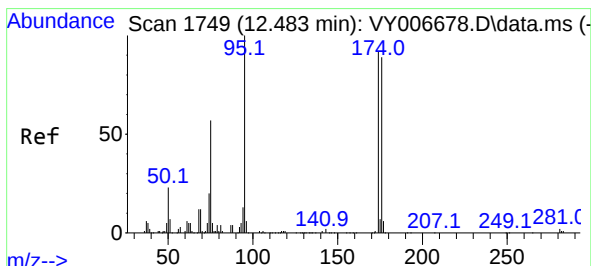
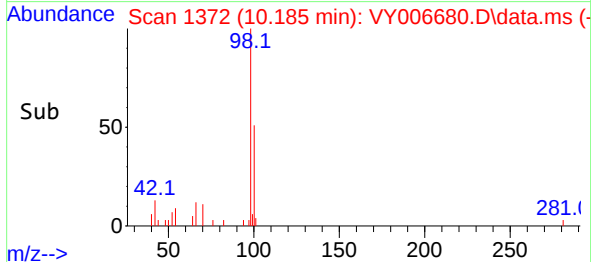
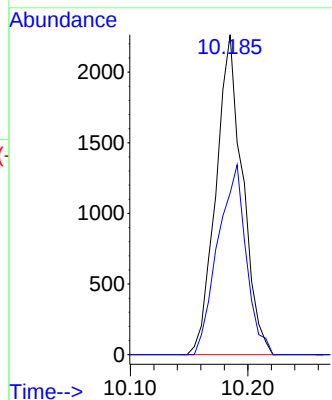
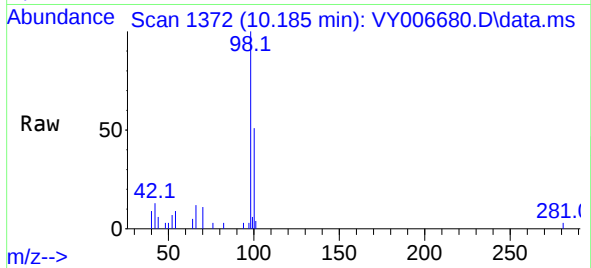




#50
Toluene-d8
Concen: 48.453 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

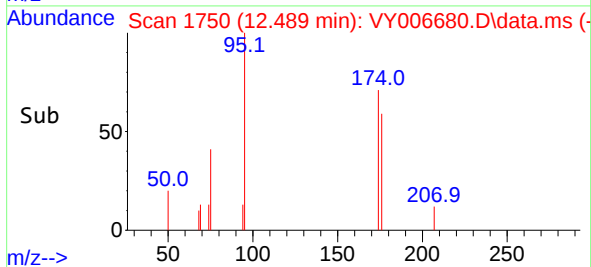
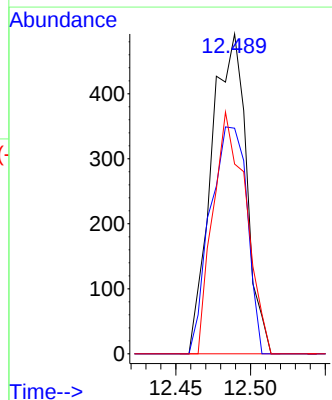
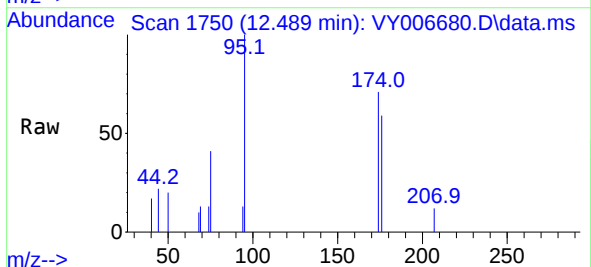
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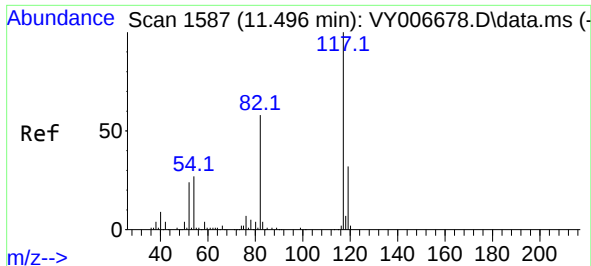
Tgt Ion: 98 Resp: 3565
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.237 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 95 Resp: 799
Ion Ratio Lower Upper
95 100
174 74.6 0.0 177.0
176 71.2 0.0 169.4

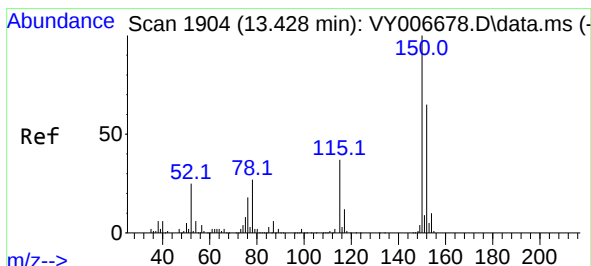
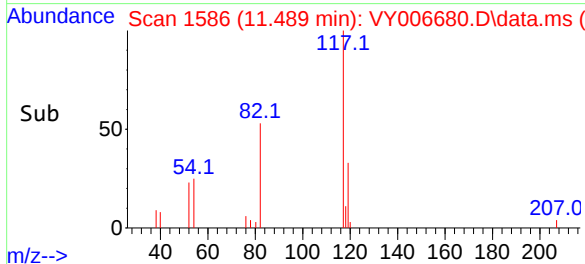
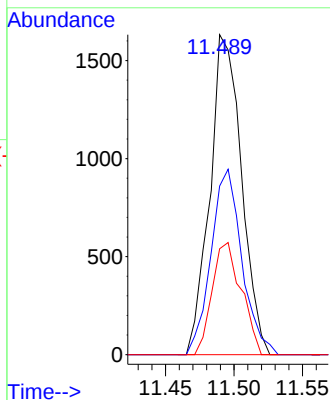
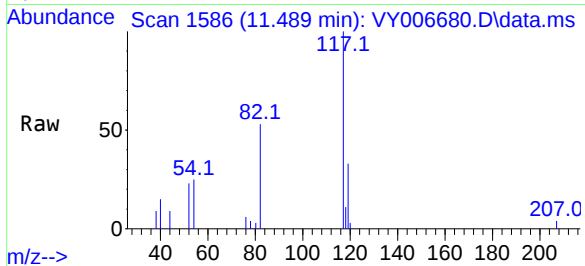




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

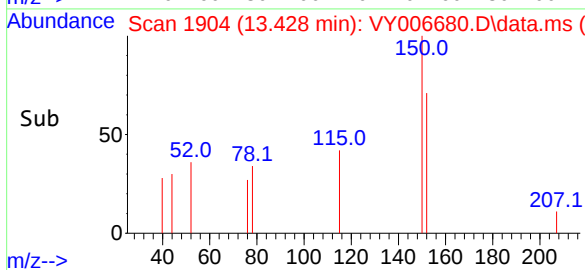
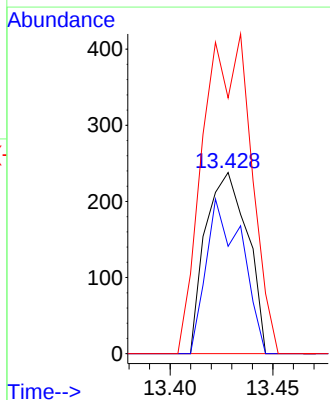
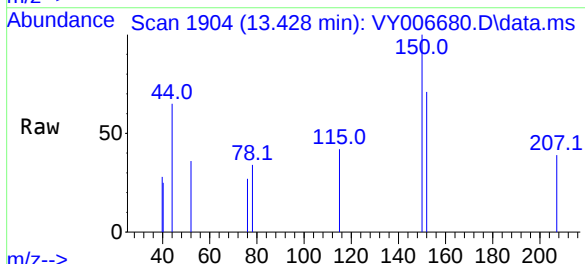
Instrument :
MSVOA_Y
ClientSampleId :
T1-EP02-NERE

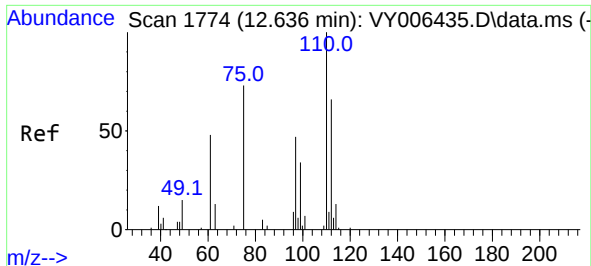
Tgt Ion:	117	Resp:	2617
Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.7	68.5
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Tgt Ion:	152	Resp:	338
Ion	Ratio	Lower	Upper
152	100		
115	72.5	28.5	85.5
150	201.8	0.0	348.2

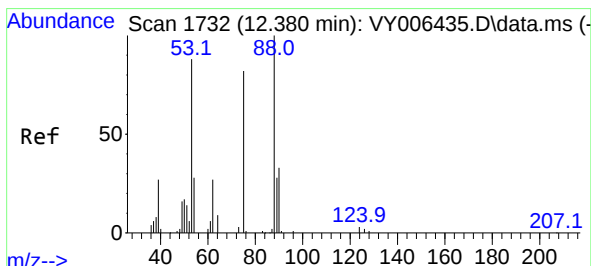
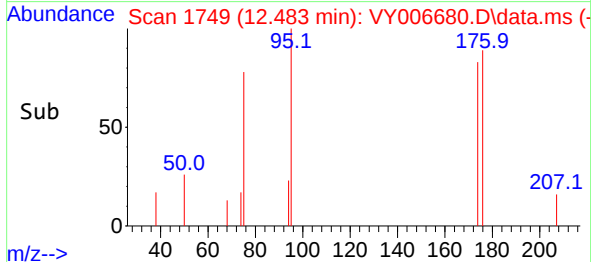
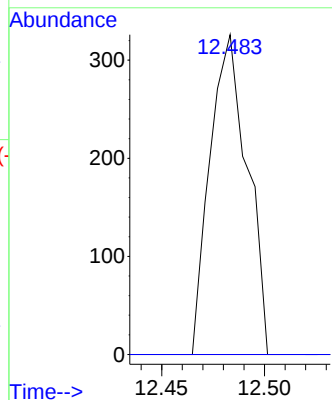
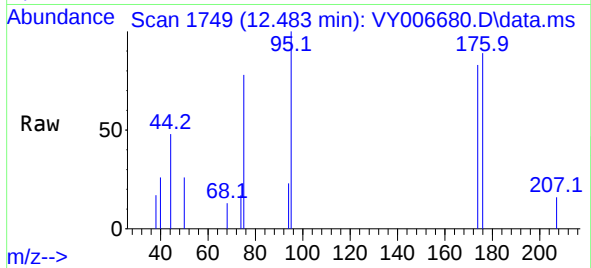




#76
1,2,3-Trichloropropane
Concen: 118.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :
T1-EP02-NERE

Tgt Ion: 75 Resp: 411
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 242.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006680.D
Acq: 08 Nov 2021 15:09

Tgt Ion: 75 Resp: 411
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

