

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007410.D
 Acq On : 07 Feb 2022 14:07
 Operator : SY/MD
 Sample : N1387-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27116RE

Quant Time: Feb 08 00:37:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

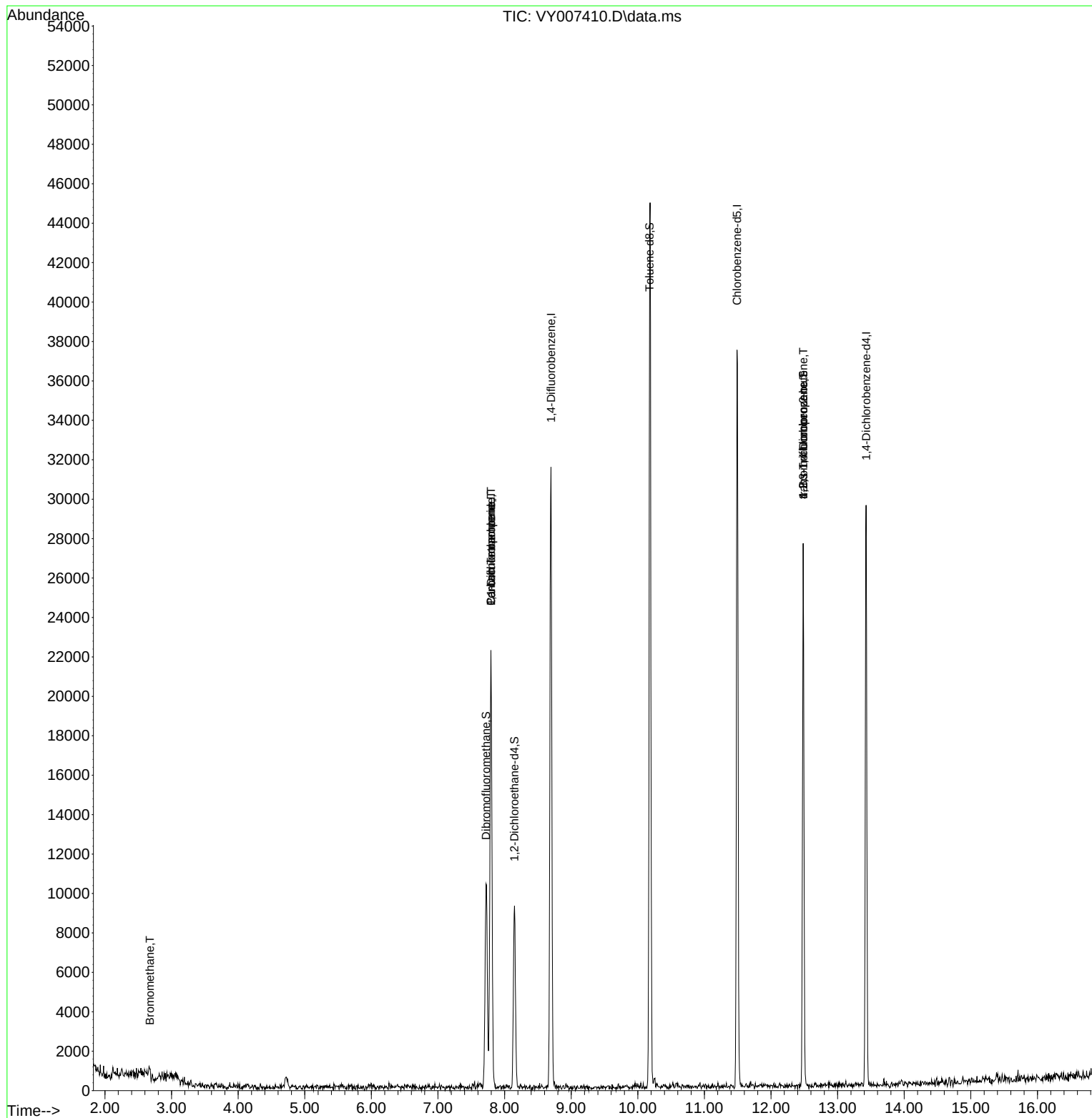
Internal Standards						
1) Pentafluorobenzene	7.795	168	15641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7214	40.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.200%
35) Dibromofluoromethane	7.722	113	7505	44.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.180%
50) Toluene-d8	10.179	98	30580	48.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.483	95	8459	39.573	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.140%
Target Compounds						
3) Chloromethane	2.119	50	162	Below Cal	#	44
5) Bromomethane	2.674	94	319	2.439	ug/l	91
36) 1,1-Dichloropropene	7.795	75	1564	5.256	ug/l #	45
38) Carbon Tetrachloride	7.795	117	1674	5.354	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	4600	51.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4600	103.305	ug/l #	7

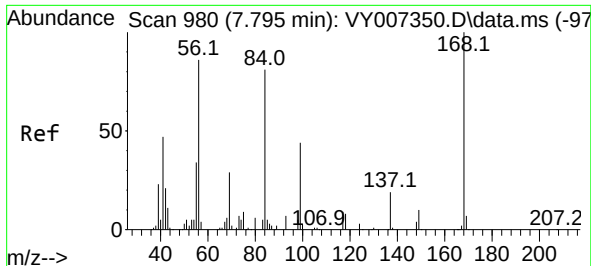
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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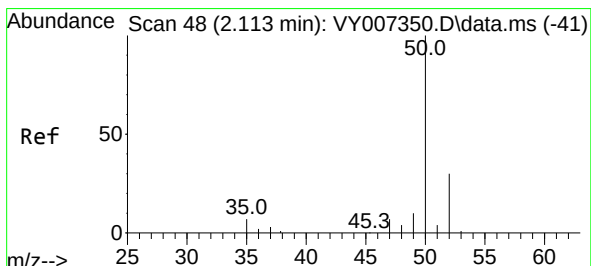
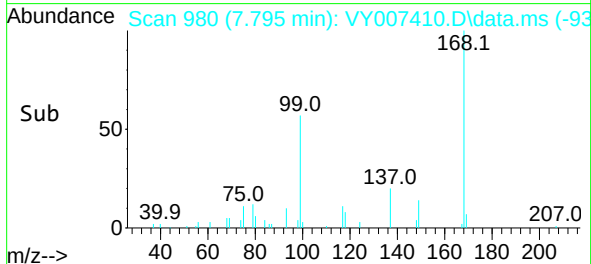
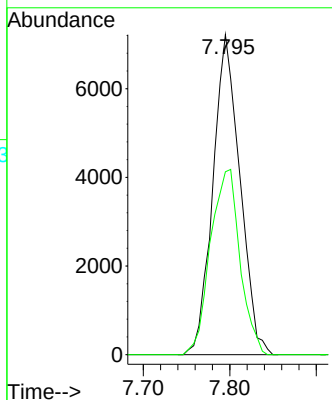
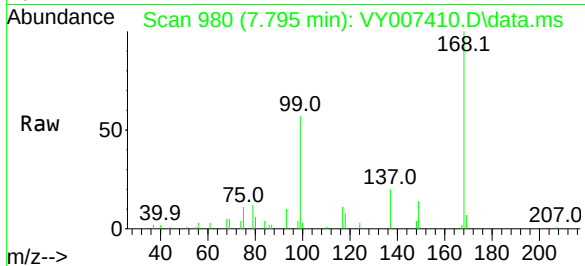




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

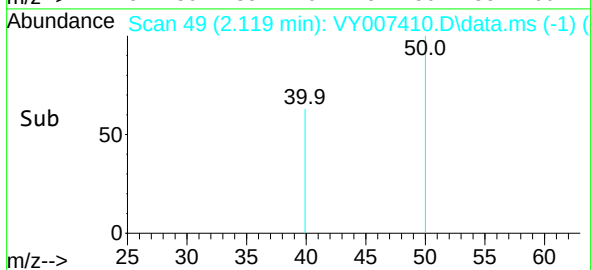
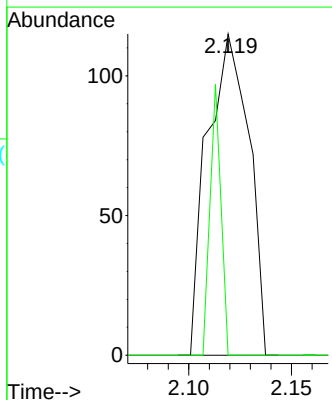
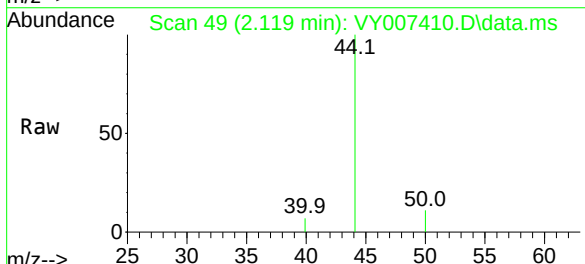
Instrument :
MSVOA_Y
ClientSampleId :
27116RE

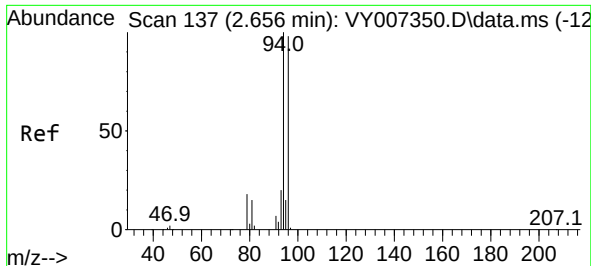
Tgt Ion:168 Resp: 15641
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Tgt Ion: 50 Resp: 162
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

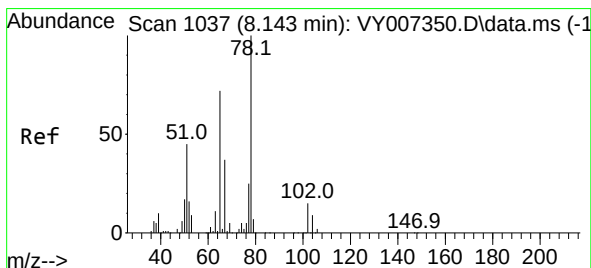
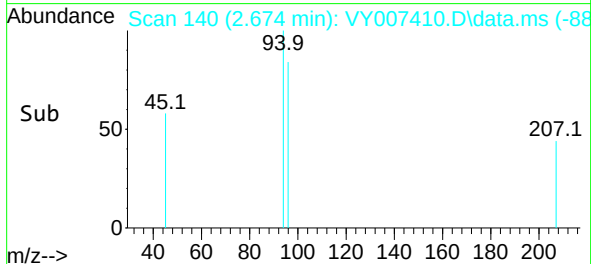
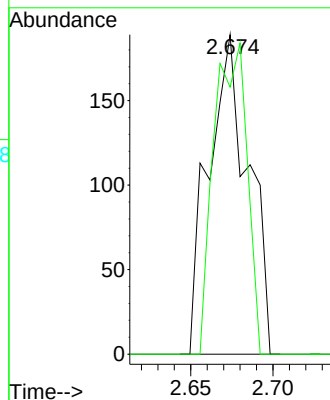
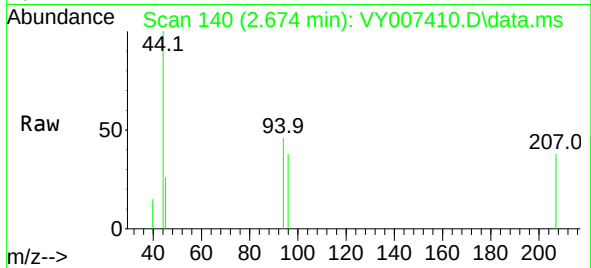




#5
Bromomethane
Concen: 2.439 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

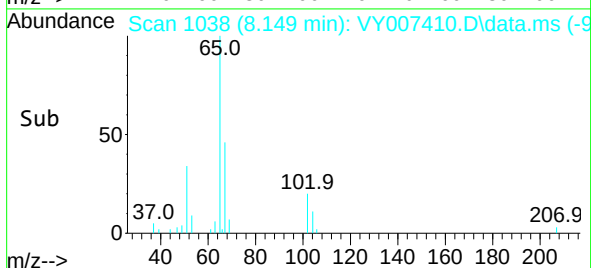
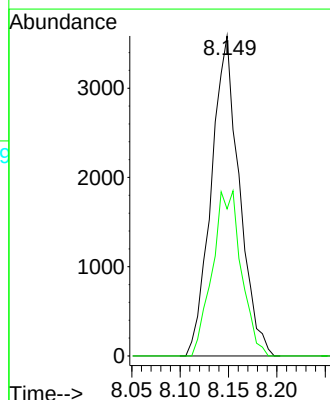
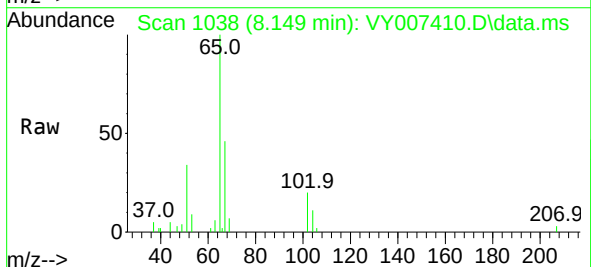
Instrument :
MSVOA_Y
ClientSampleId :
27116RE

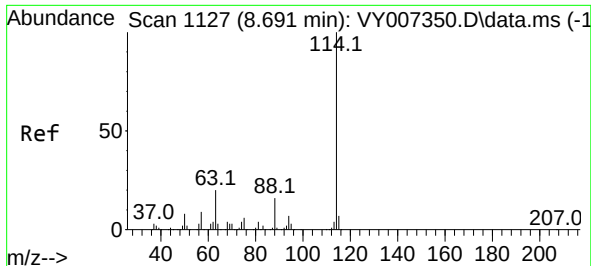
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 83.6 73.5 110.3



#33
1,2-Dichloroethane-d4
Concen: 40.098 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Tgt Ion: 65 Resp: 7214
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007410.D

Acq: 07 Feb 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

27116RE

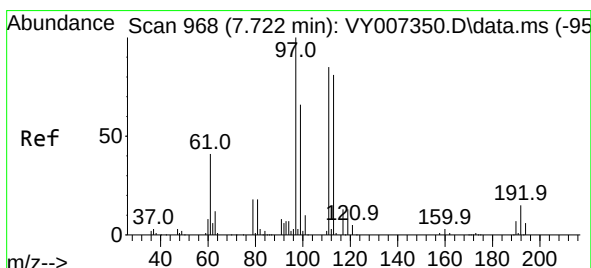
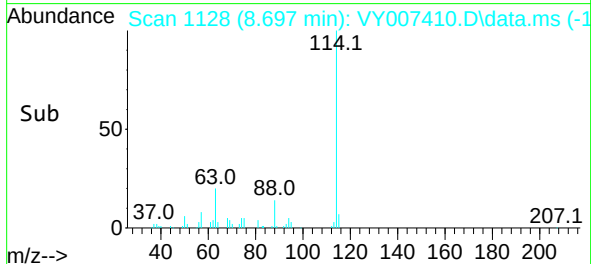
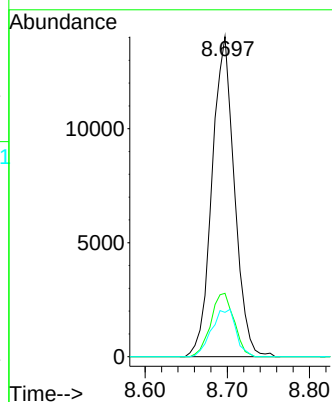
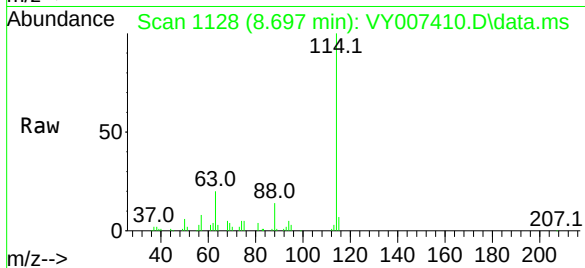
Tgt Ion:114 Resp: 26509

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.089 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007410.D

Acq: 07 Feb 2022 14:07

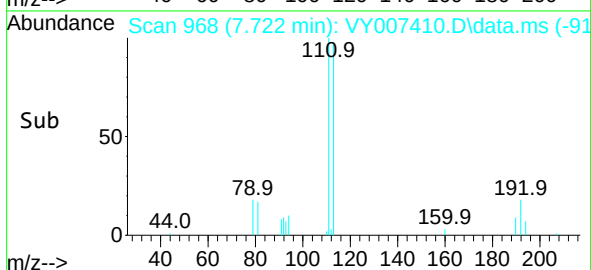
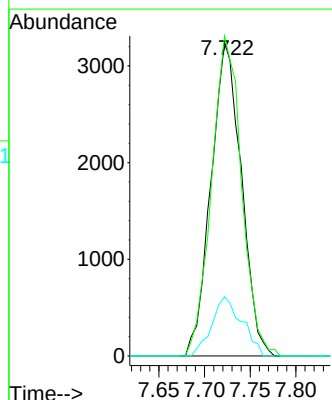
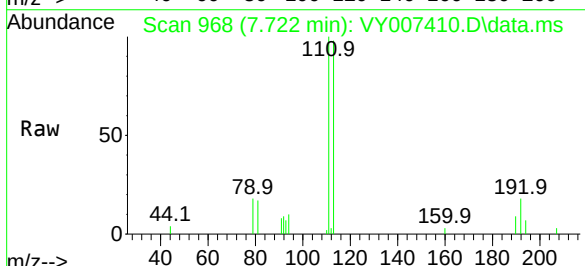
Tgt Ion:113 Resp: 7505

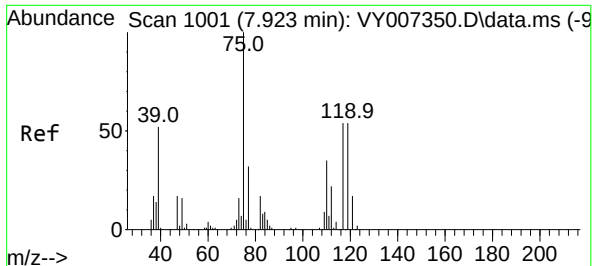
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.256 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007410.D

Acq: 07 Feb 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

27116RE

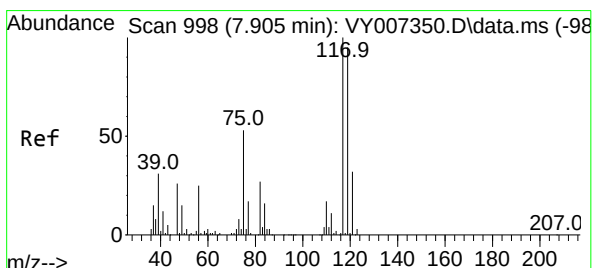
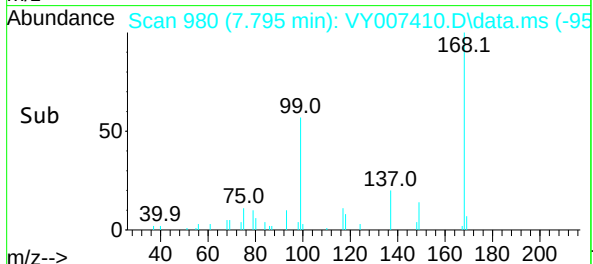
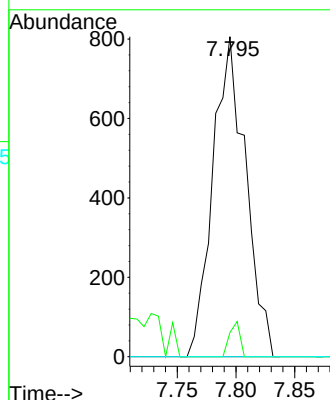
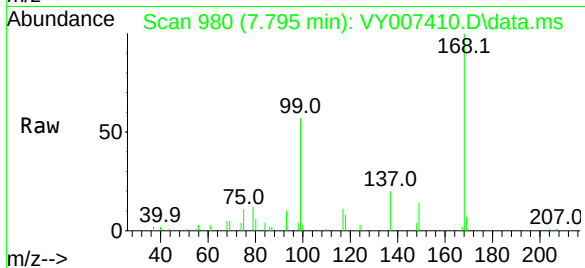
Tgt Ion: 75 Resp: 1564

Ion Ratio Lower Upper

75 100

110 3.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.354 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007410.D

Acq: 07 Feb 2022 14:07

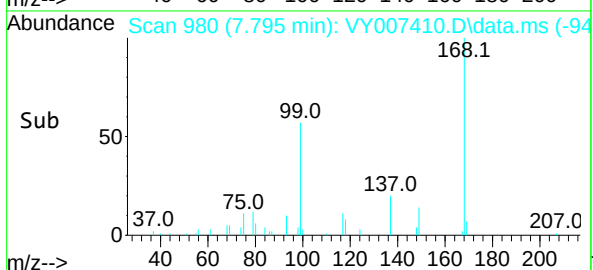
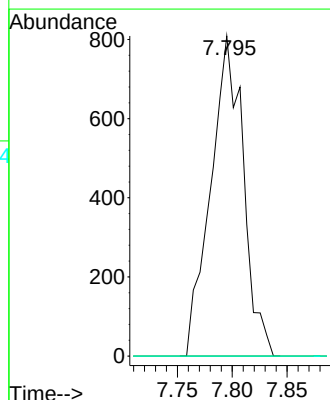
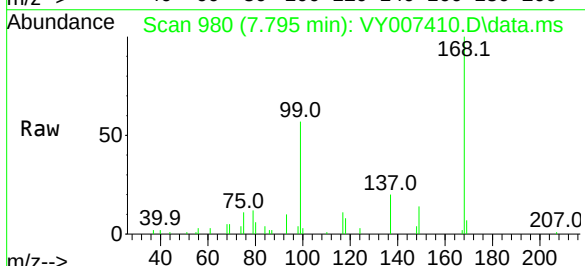
Tgt Ion: 117 Resp: 1674

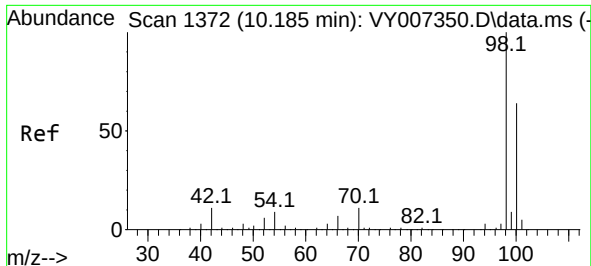
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

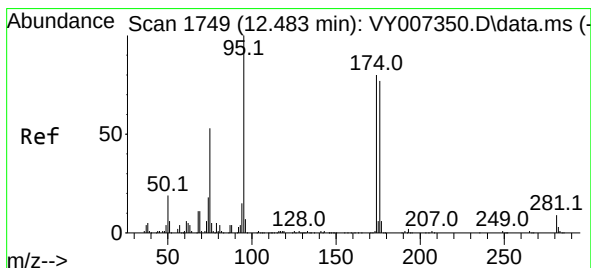
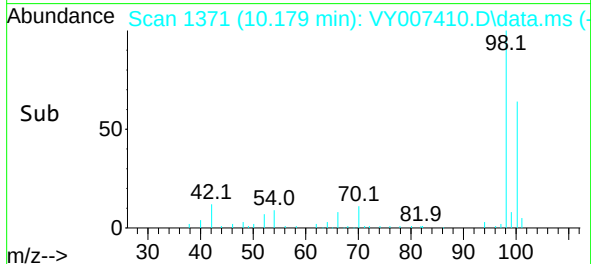
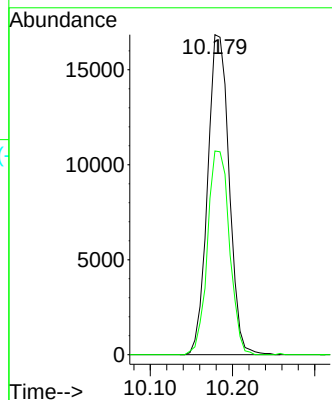
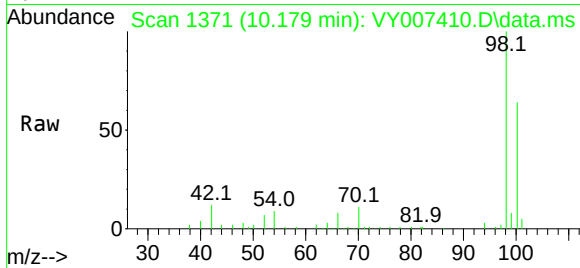




#50
Toluene-d8
Concen: 48.625 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

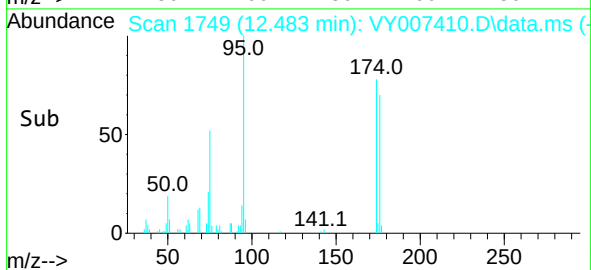
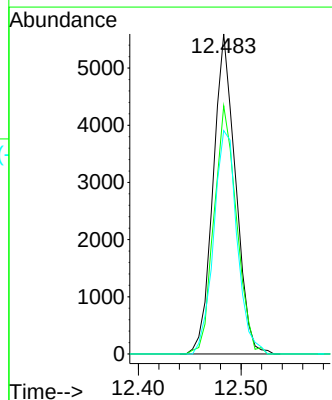
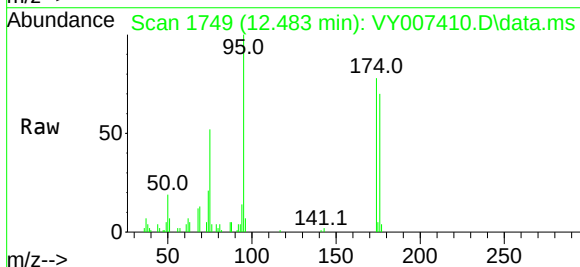
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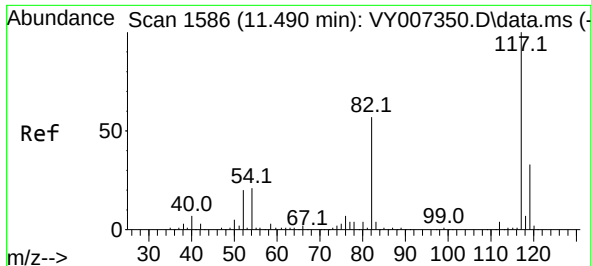
Tgt Ion: 98 Resp: 30580
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Tgt Ion: 95 Resp: 8459
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 73.0 0.0 175.8

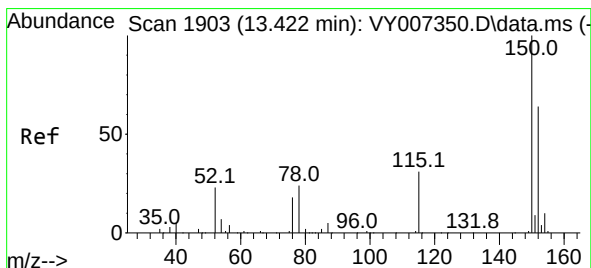
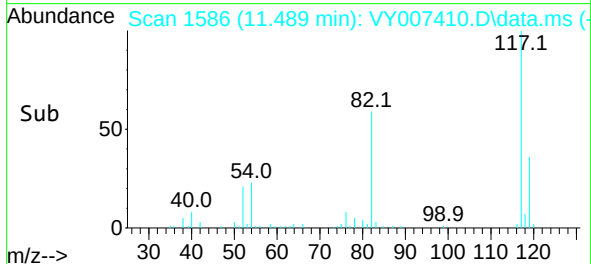
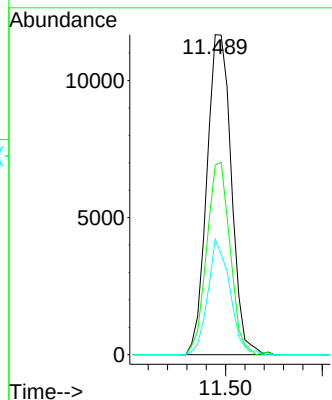
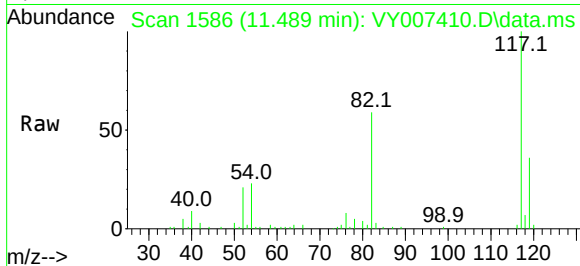




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

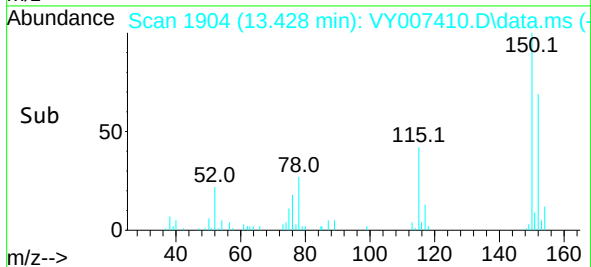
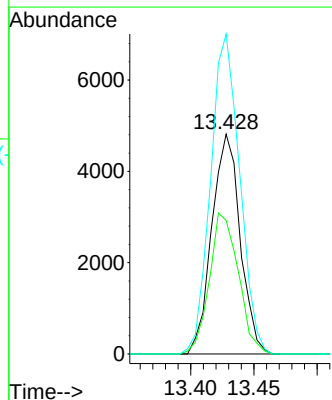
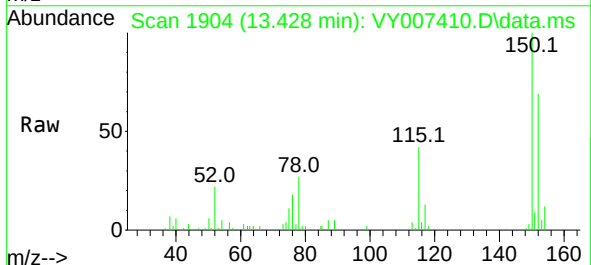
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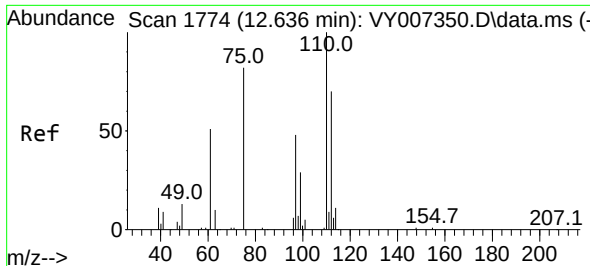
Tgt Ion:117	Resp:	20556
Ion	Ratio	Lower Upper
117	100	
82	59.3	43.0 64.4
119	36.0	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Tgt Ion:152	Resp:	7504
Ion	Ratio	Lower Upper
152	100	
115	65.4	28.2 84.7
150	149.1	0.0 347.6

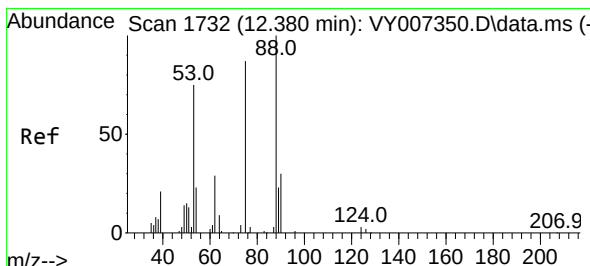
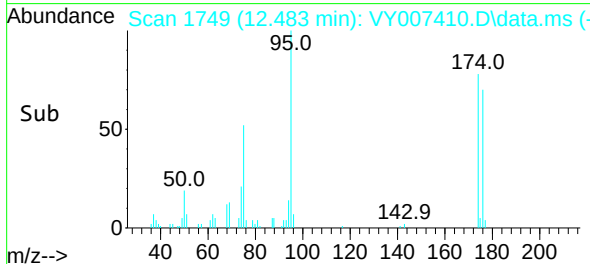
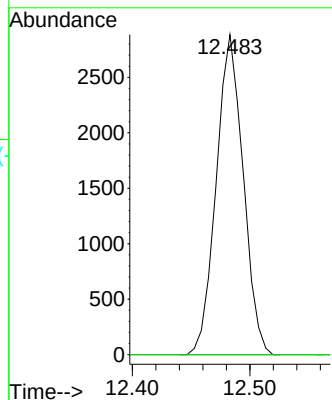
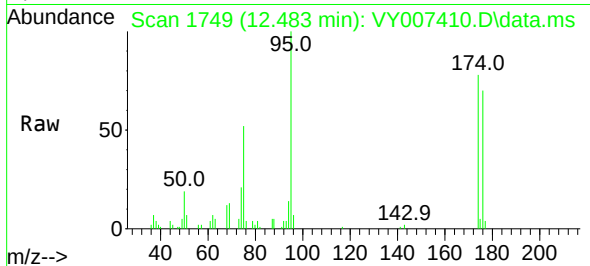




#76
1,2,3-Trichloropropane
Concen: 51.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
27116RE

Tgt Ion: 75 Resp: 4600
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007410.D
Acq: 07 Feb 2022 14:07

Tgt Ion: 75 Resp: 4600
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

