

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007981.D
 Acq On : 22 Mar 2022 03:03
 Operator : SY/MD
 Sample : N2031-13
 Misc : 7.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMP-B2-031822-2-5

Quant Time: Mar 22 03:45:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

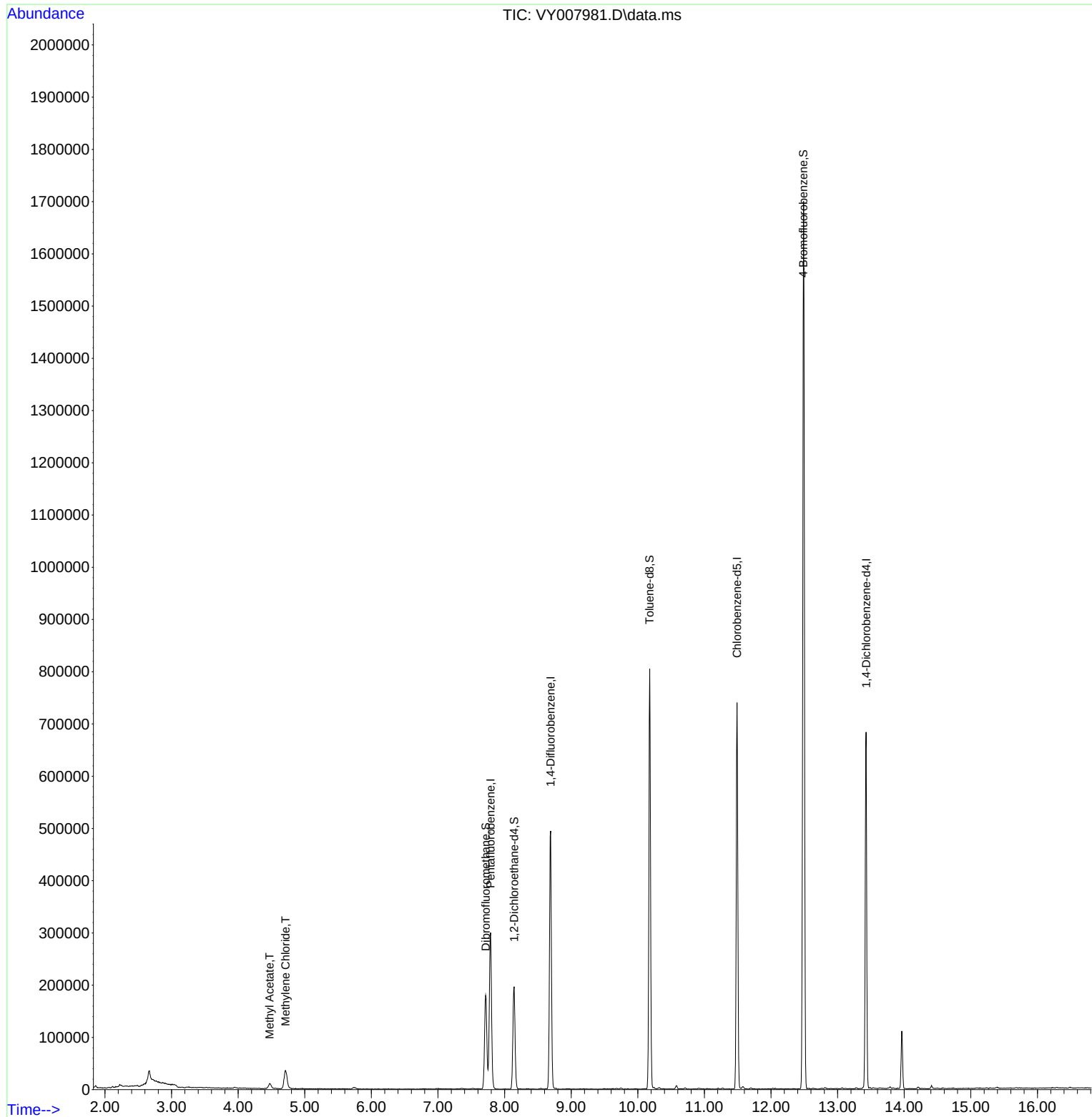
Internal Standards						
1) Pentafluorobenzene	7.789	168	225392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	423009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	151650	59.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.020%
35) Dibromofluoromethane	7.715	113	130717	44.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.000%
50) Toluene-d8	10.178	98	520655	59.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.220%
62) 4-Bromofluorobenzene	12.483	95	181764	42.632	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.260%
Target Compounds						
18) Methyl Acetate	4.472	43	18154	6.116	ug/l #	90
20) Methylene Chloride	4.710	84	27502	6.366	ug/l #	83

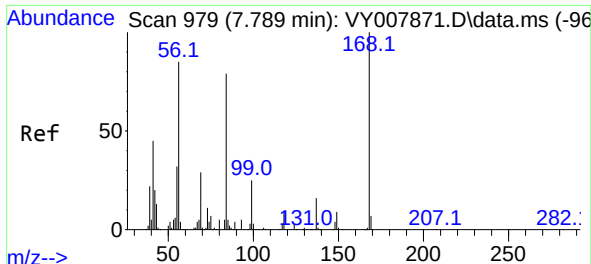
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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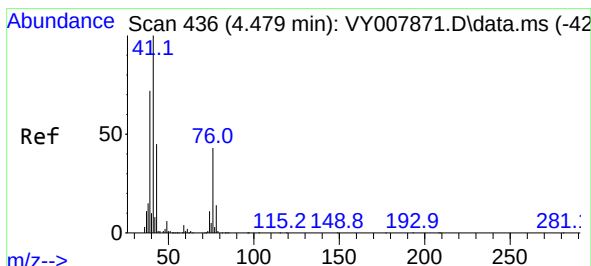
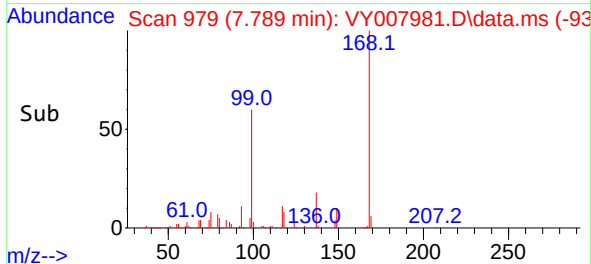
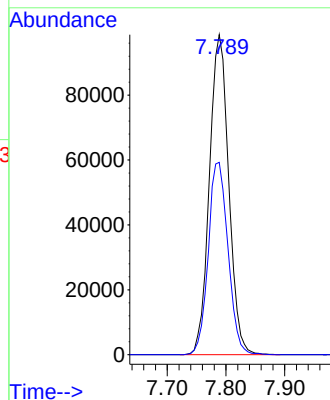
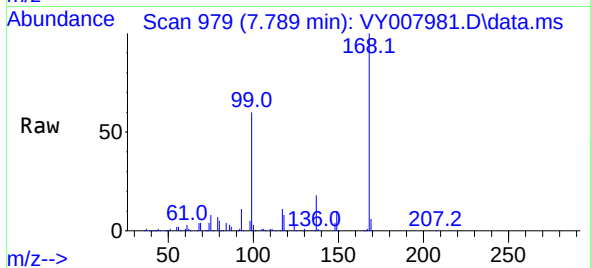




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

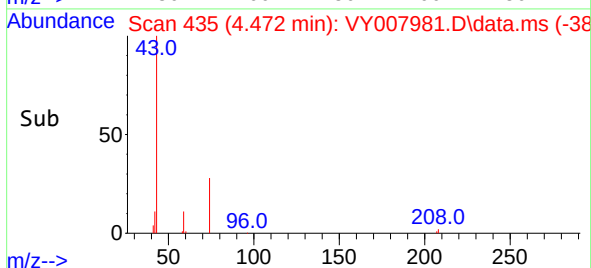
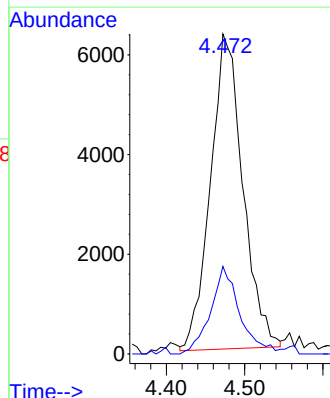
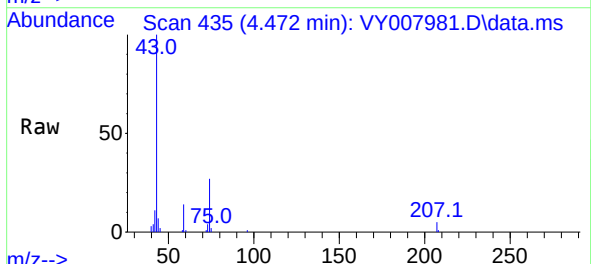
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-2-5

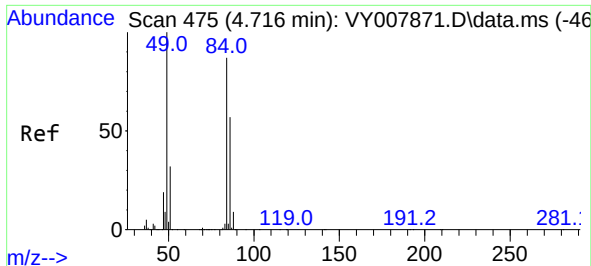
Tgt Ion:168 Resp: 225392
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3



#18
Methyl Acetate
Concen: 6.116 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

Tgt Ion: 43 Resp: 18154
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#

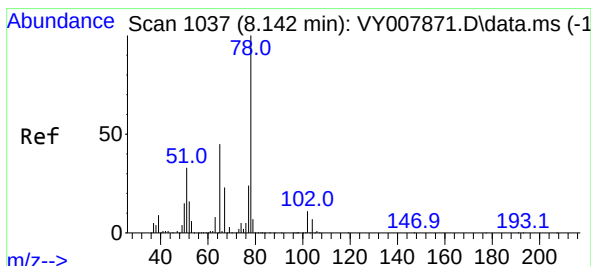
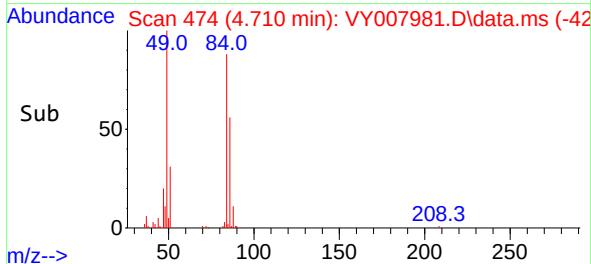
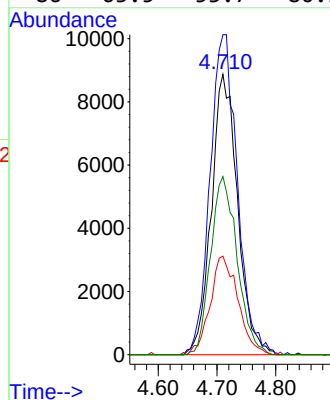
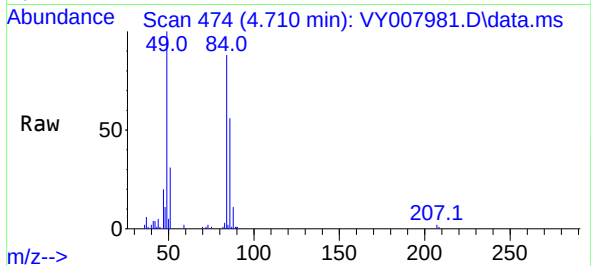




#20
Methylene Chloride
Concen: 6.366 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

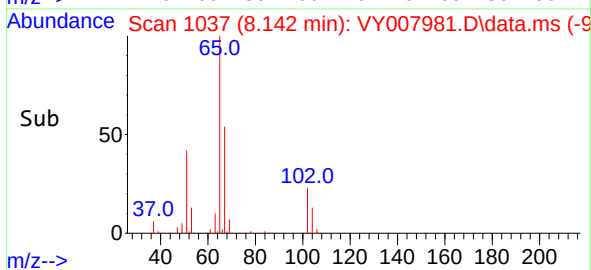
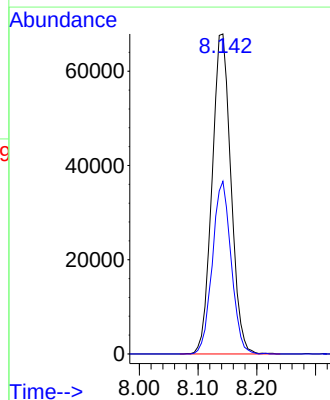
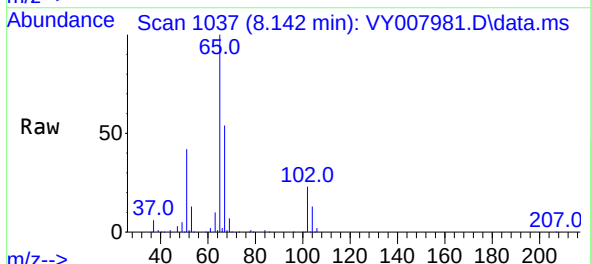
Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-2-5

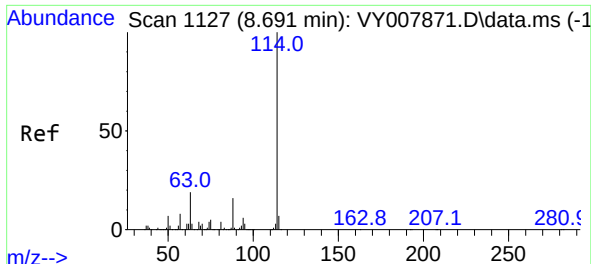
Tgt Ion: 84 Resp: 27502
Ion Ratio Lower Upper
84 100
49 114.1 114.4 171.6#
51 35.2 35.3 52.9#
86 63.5 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 59.010 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

Tgt Ion: 65 Resp: 151650
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007981.D

Acq: 22 Mar 2022 03:03

Instrument :

MSVOA_Y

ClientSampleId :

CMP-B2-031822-2-5

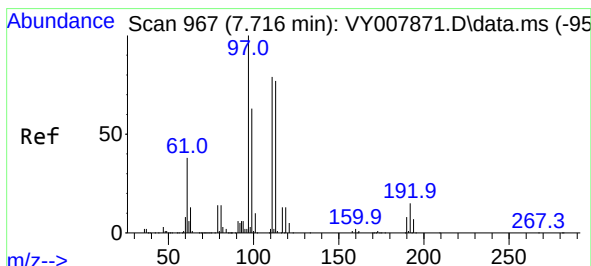
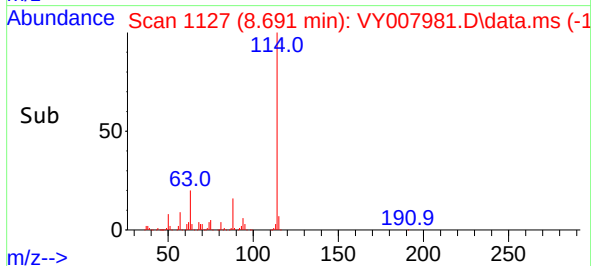
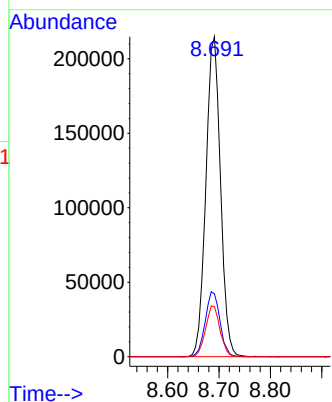
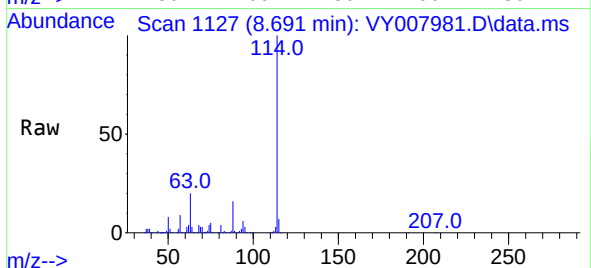
Tgt Ion:114 Resp: 423009

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.001 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007981.D

Acq: 22 Mar 2022 03:03

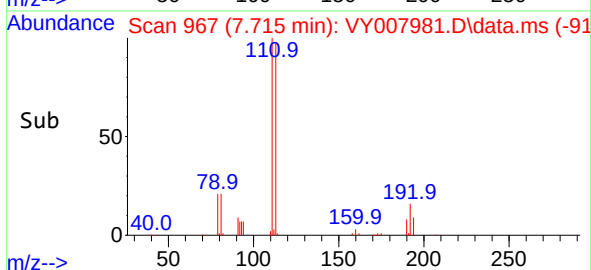
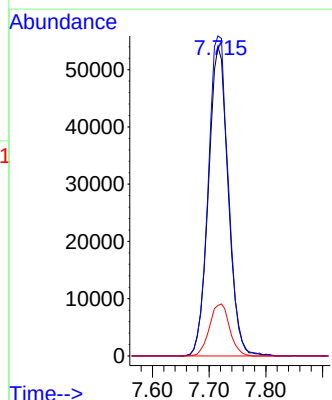
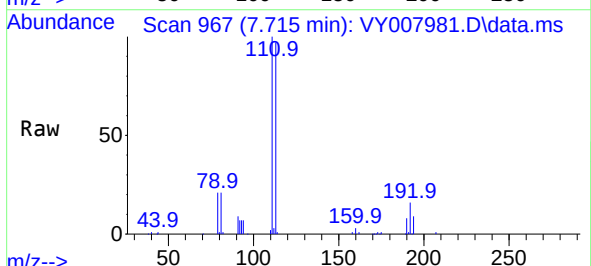
Tgt Ion:113 Resp: 130717

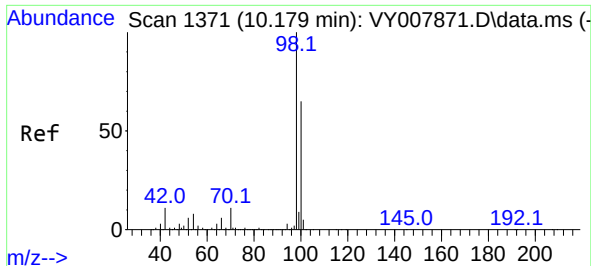
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 17.1 17.6 26.4#

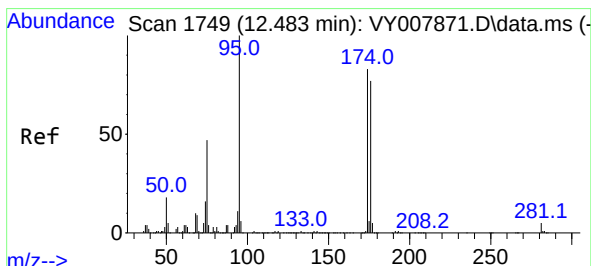
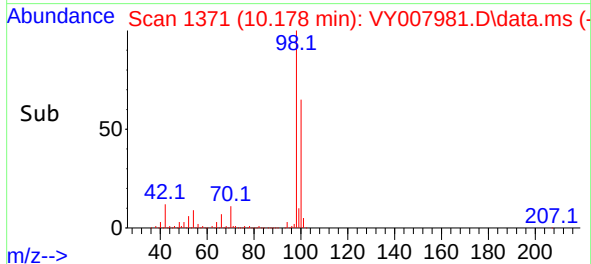
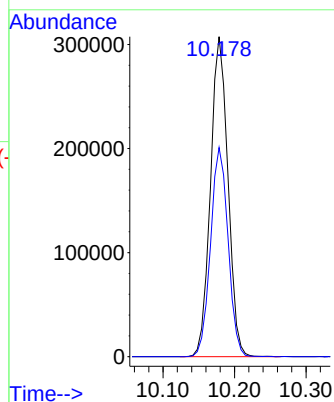
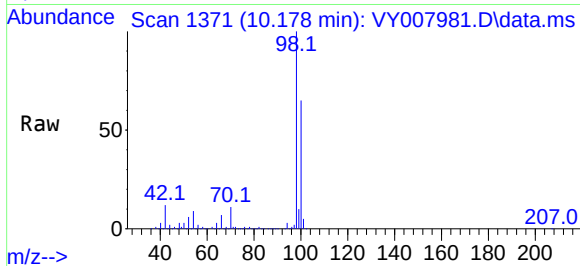




#50
Toluene-d8
Concen: 59.111 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

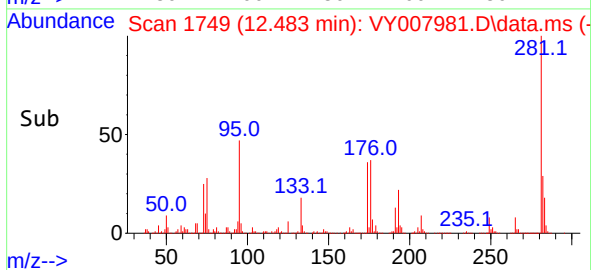
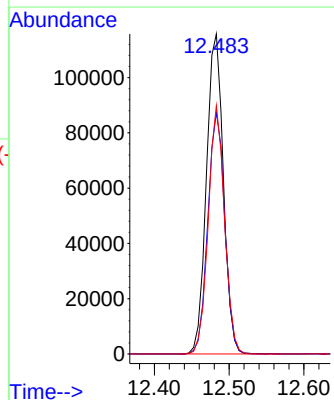
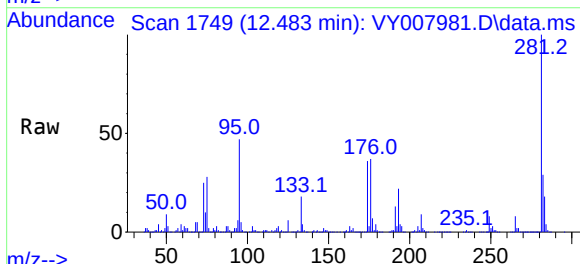
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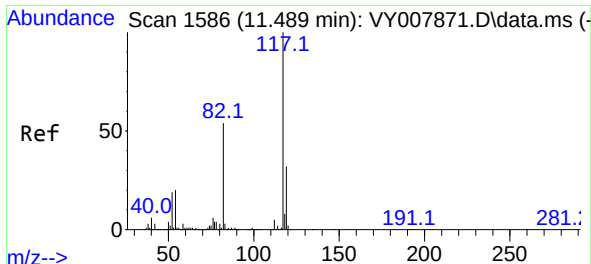
Tgt Ion: 98 Resp: 520655
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

Tgt Ion: 95 Resp: 181764
Ion Ratio Lower Upper
95 100
174 75.2 0.0 177.0
176 74.5 0.0 175.8

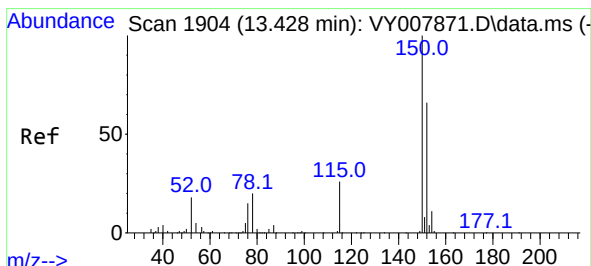
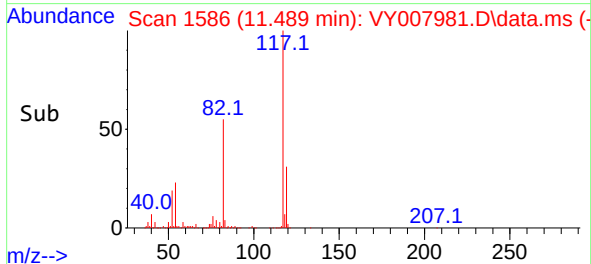
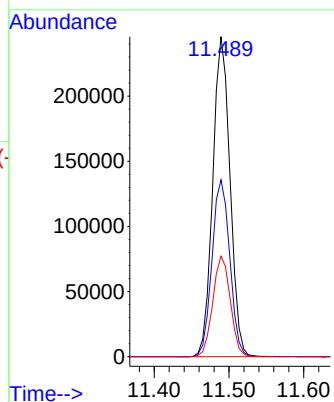
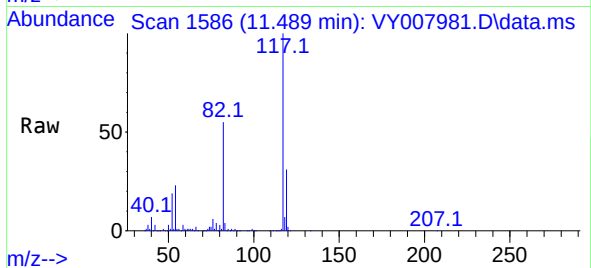




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

Instrument :
MSVOA_Y
ClientSampleId :
CMP-B2-031822-2-5

Tgt Ion:	117	Resp:	393706
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.0	64.4
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007981.D
Acq: 22 Mar 2022 03:03

Tgt Ion:	152	Resp:	163052
Ion	Ratio	Lower	Upper
152	100		
115	61.4	28.2	84.7
150	156.8	0.0	347.6

