

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009687.D
 Acq On : 25 Jul 2022 16:14
 Operator : KP/MD
 Sample : N3855-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072222

Quant Time: Jul 26 05:57:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

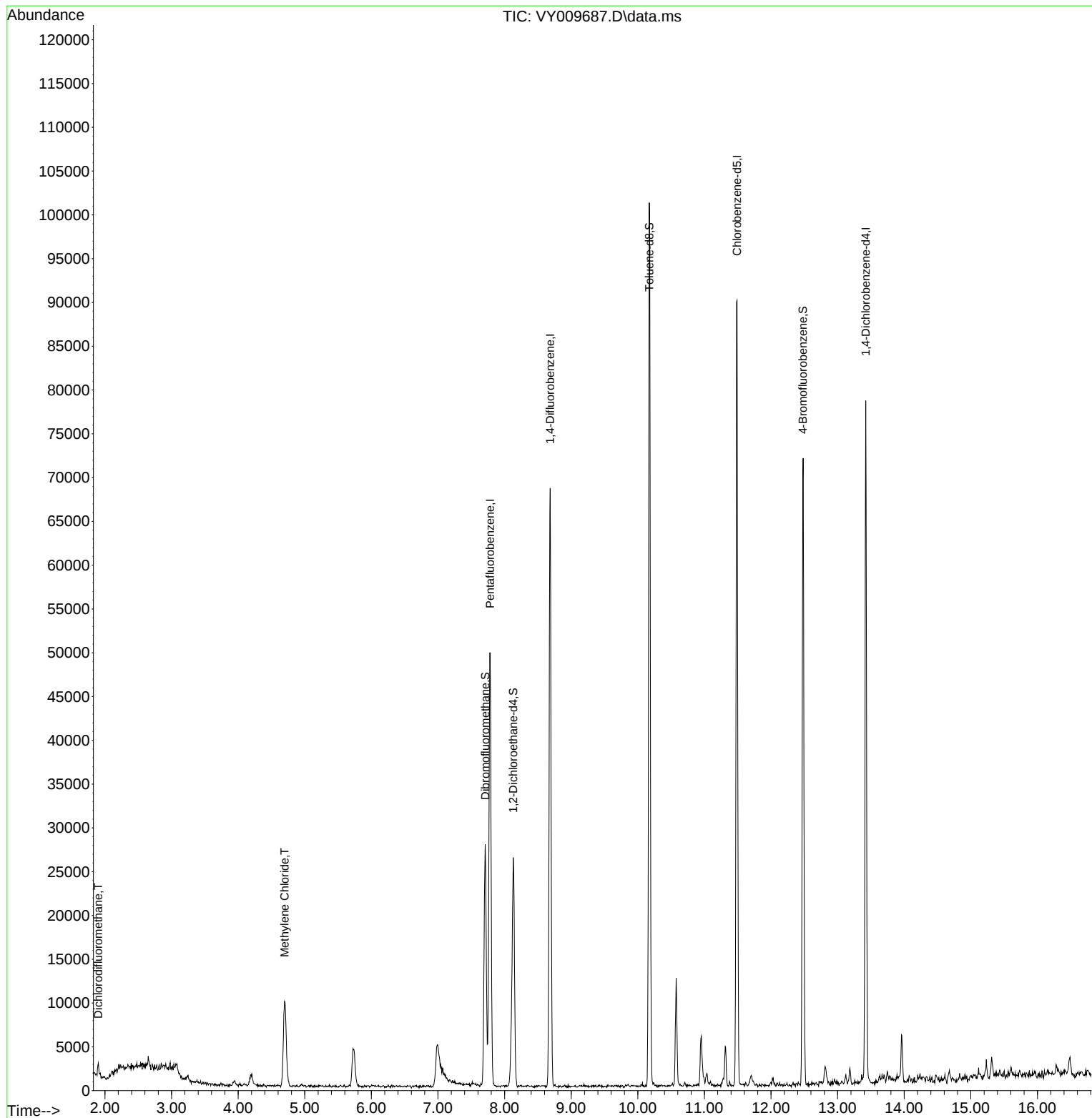
Internal Standards						
1) Pentafluorobenzene	7.783	168	41193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	60113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	52354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17962	46.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.710	113	19552	51.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.173	98	68649	47.153	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.477	95	18351	38.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.800%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1082	2.993	ug/l	79
20) Methylene Chloride	4.698	84	7696	7.071	ug/l	# 81

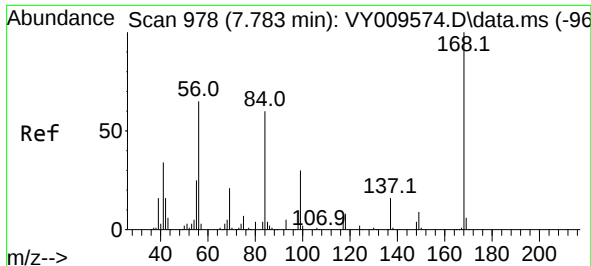
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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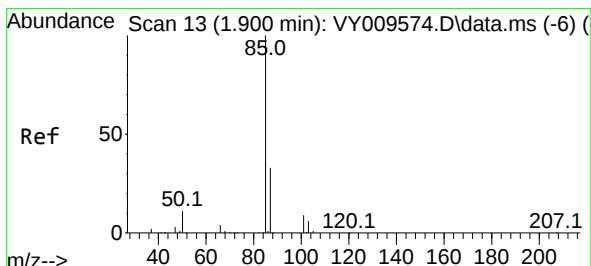
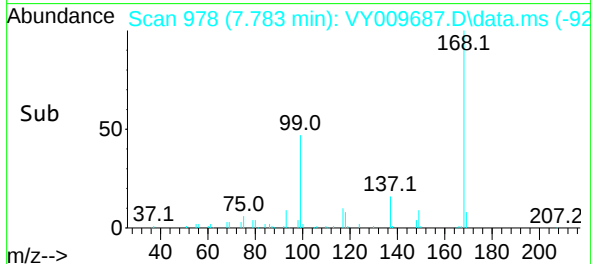
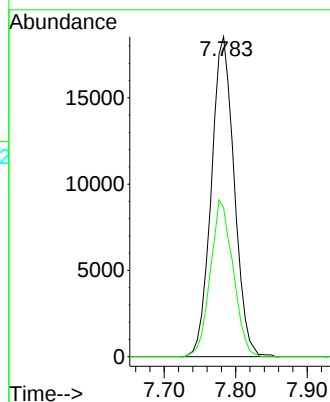
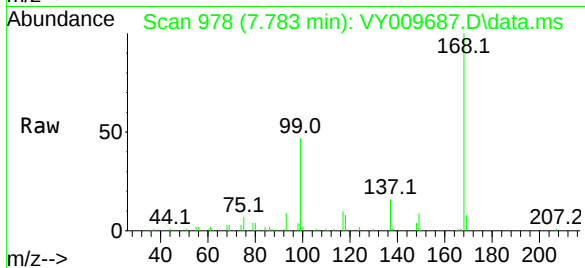




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

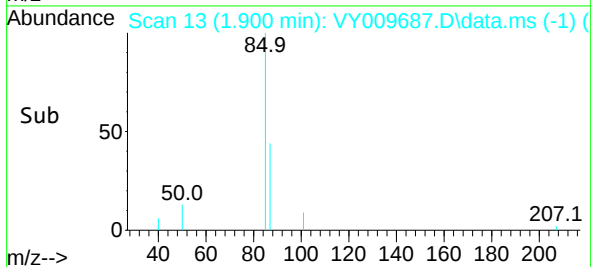
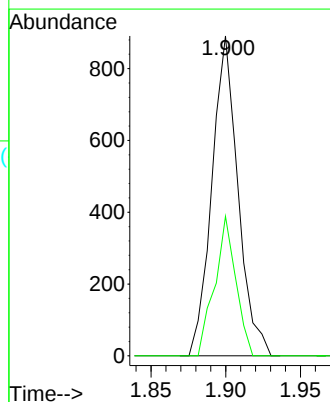
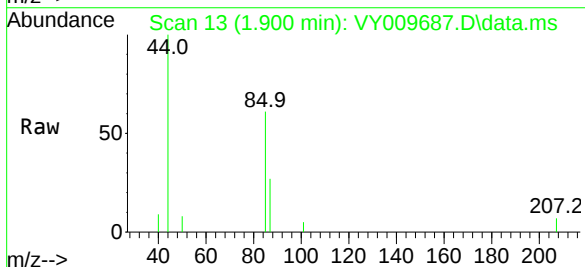
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

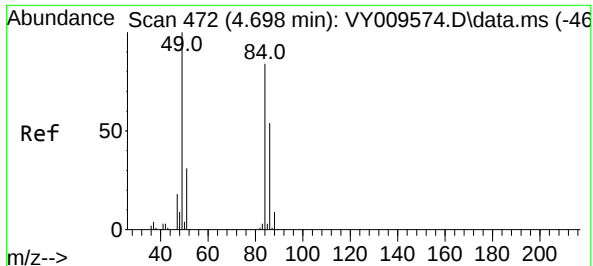
Tgt Ion:168 Resp: 41193
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 2.993 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

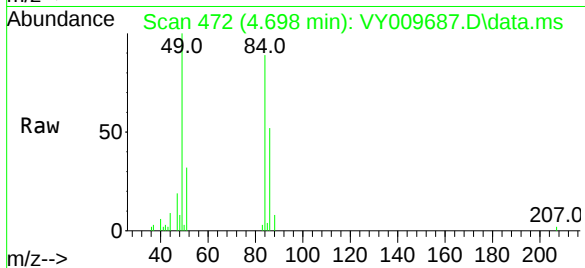
Tgt Ion: 85 Resp: 1082
Ion Ratio Lower Upper
85 100
87 43.7 16.1 48.2



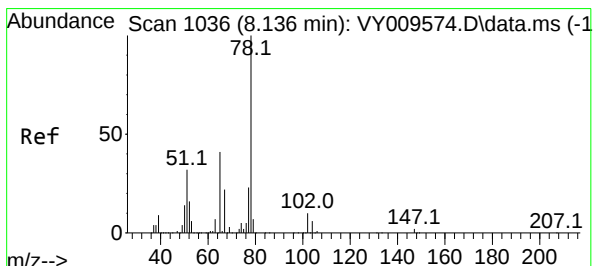
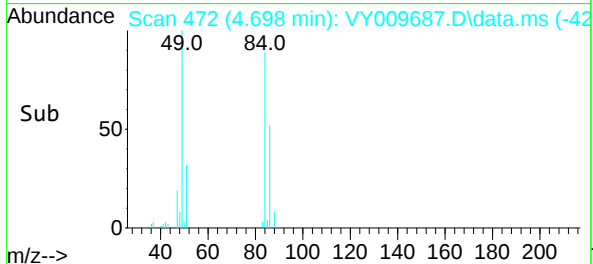
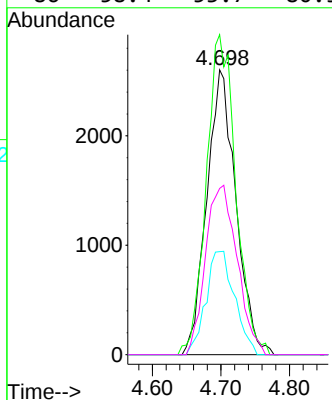


#20
Methylene Chloride
Concen: 7.071 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072222

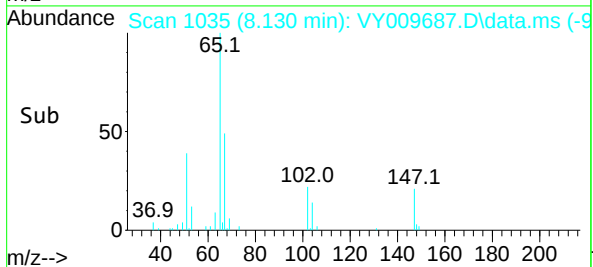
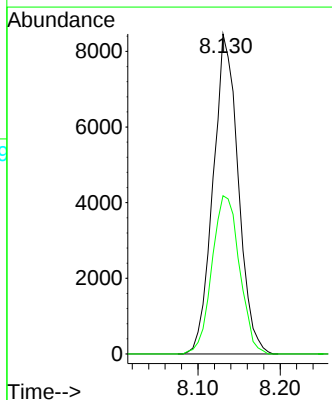
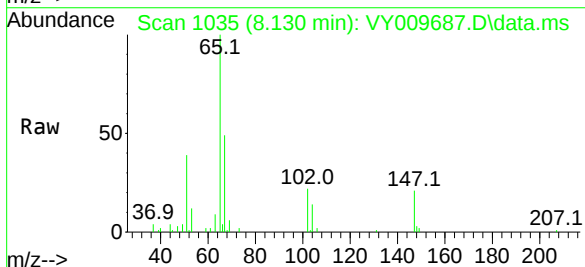


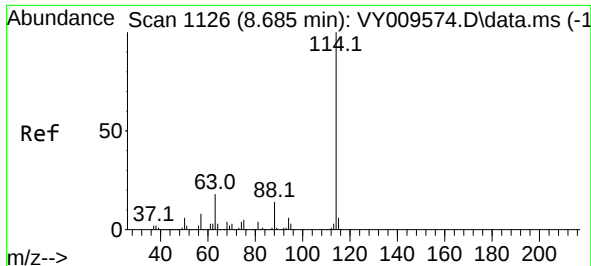
Tgt Ion: 84 Resp: 7696
Ion Ratio Lower Upper
84 100
49 112.4 114.4 171.6#
51 36.2 35.3 52.9
86 58.4 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 65 Resp: 17962
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009687.D

Acq: 25 Jul 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072222

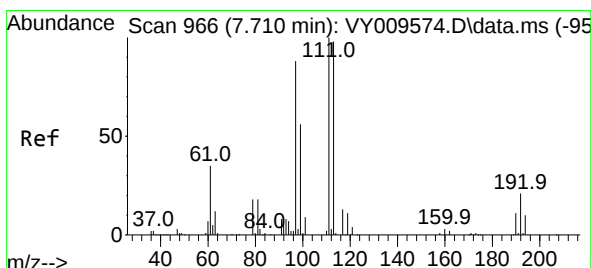
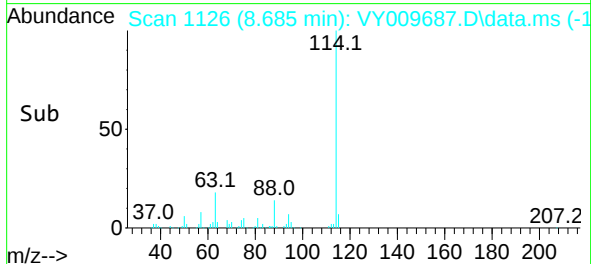
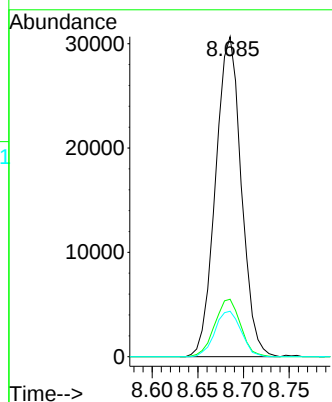
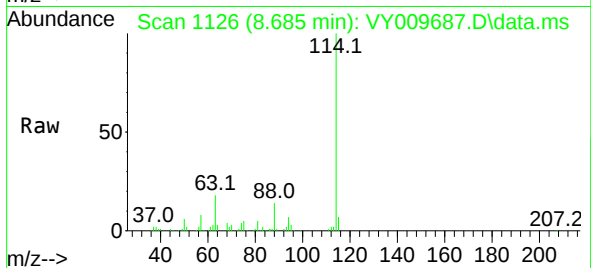
Tgt Ion:114 Resp: 60113

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.628 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009687.D

Acq: 25 Jul 2022 16:14

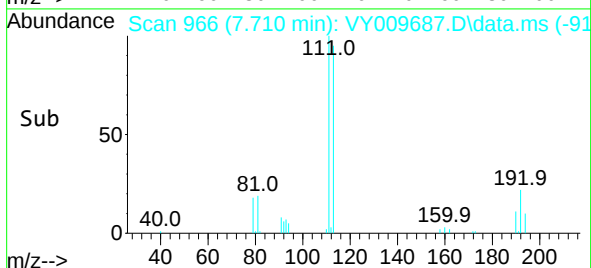
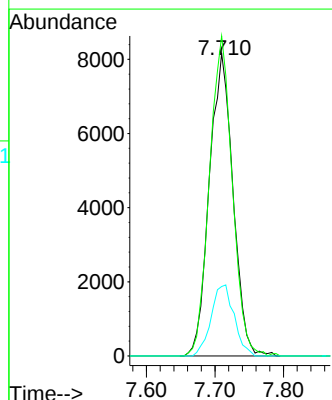
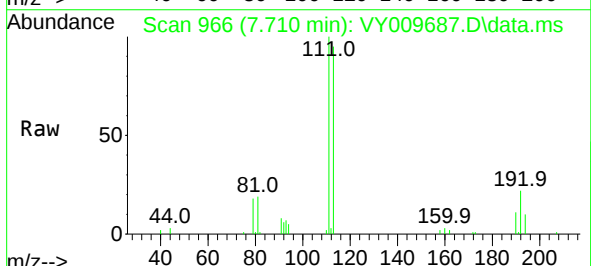
Tgt Ion:113 Resp: 19552

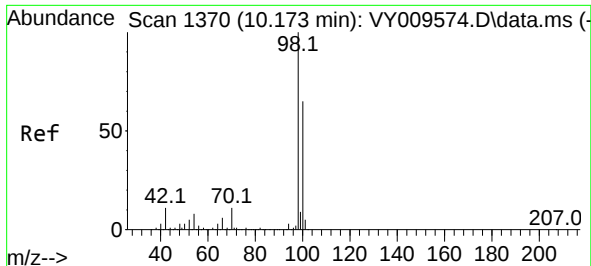
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 22.8 17.6 26.4

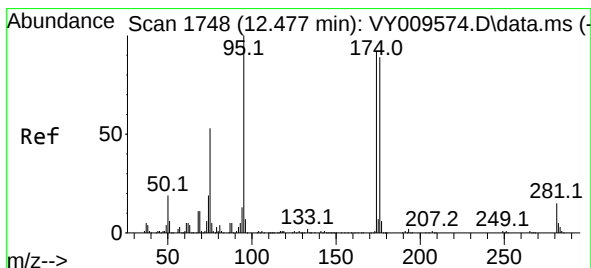
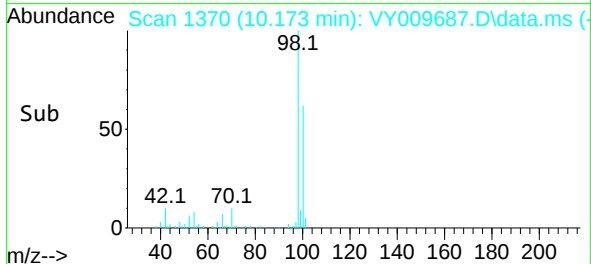
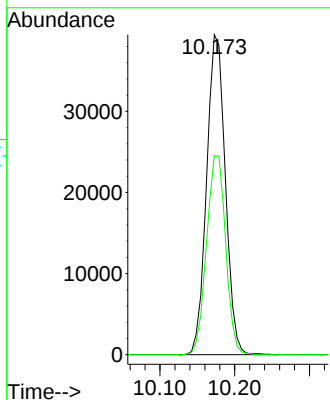
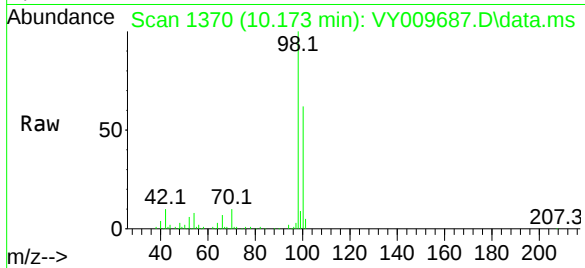




#50
Toluene-d8
Concen: 47.153 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

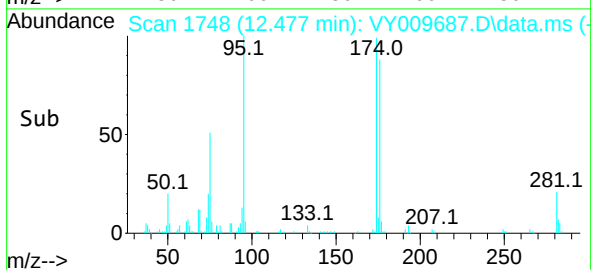
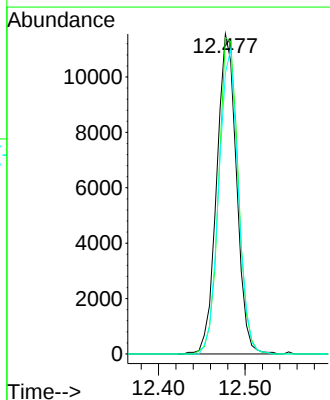
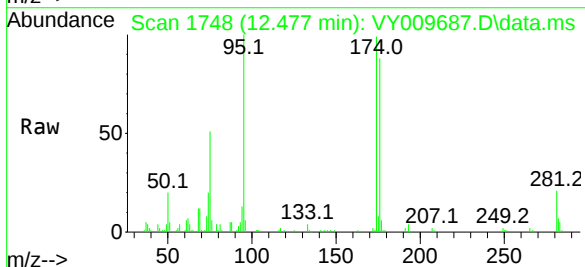
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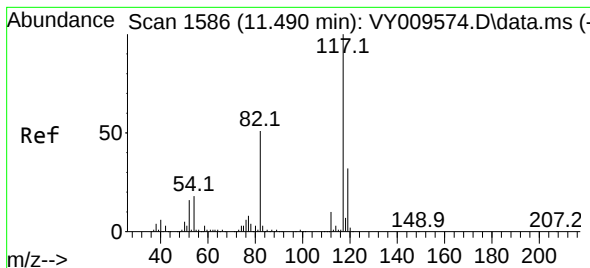
Tgt Ion: 98 Resp: 68649
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009687.D
Acq: 25 Jul 2022 16:14

Tgt Ion: 95 Resp: 18351
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 93.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009687.D

Acq: 25 Jul 2022 16:14

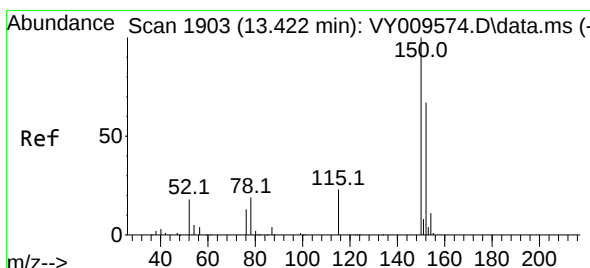
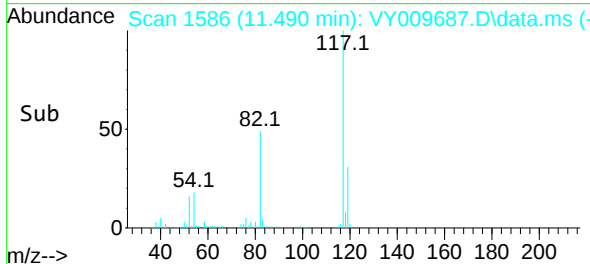
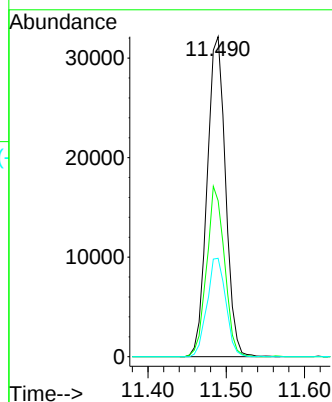
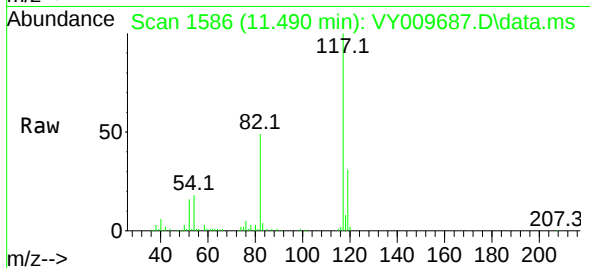
Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072222

Tgt Ion:117	Resp:	52354
Ion Ratio	Lower	Upper
117	100	
82	48.8	43.0 64.4
119	30.7	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009687.D

Acq: 25 Jul 2022 16:14

Tgt Ion:152	Resp:	20848
Ion Ratio	Lower	Upper
152	100	
115	54.7	28.2 84.7
150	154.8	0.0 347.6

