

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006586.D
 Acq On : 02 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4439-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-110221

Quant Time: Nov 03 02:02:53 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)

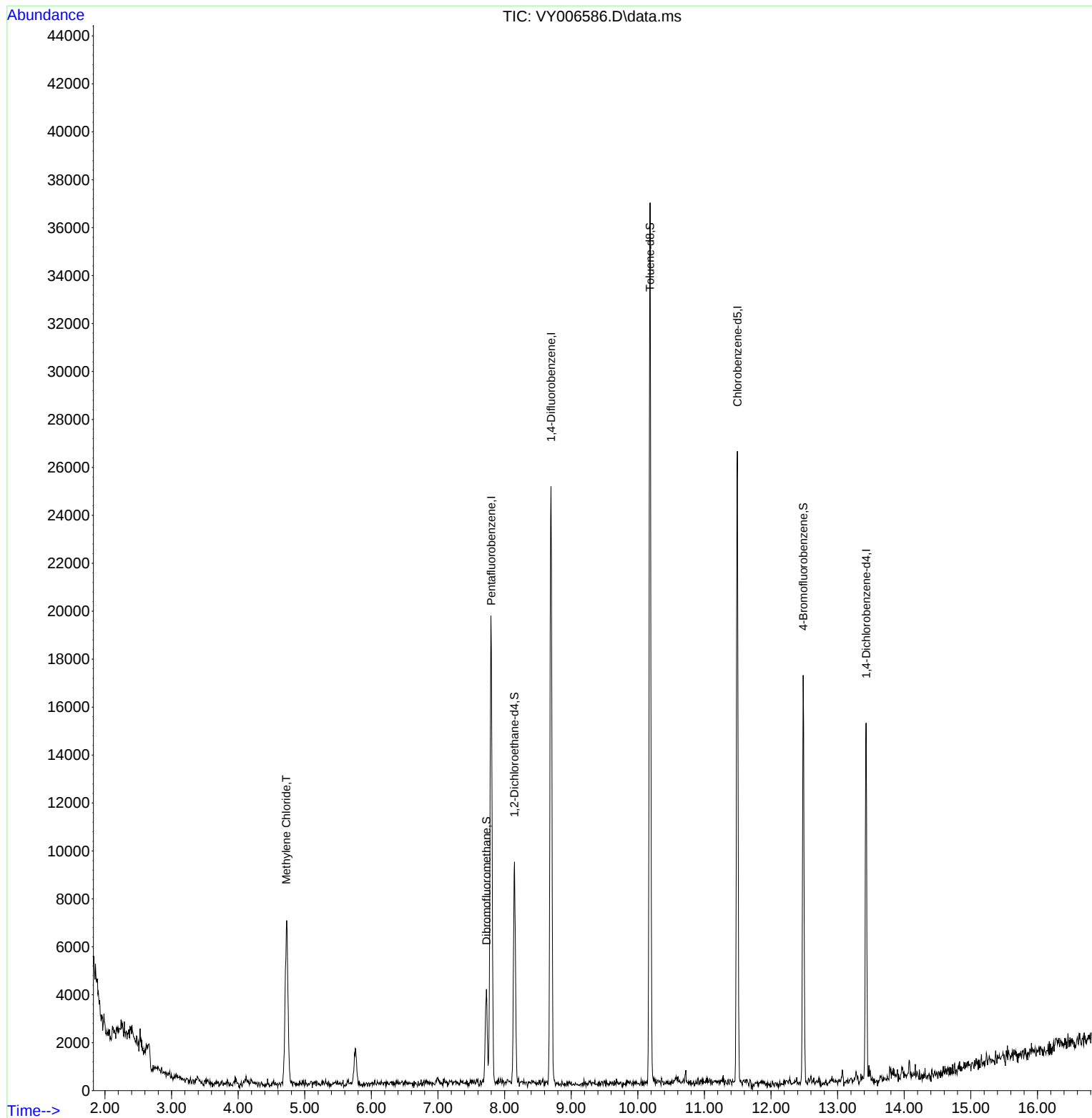
Internal Standards						
1) Pentafluorobenzene	7.801	168	14257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	19830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	13176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6699	38.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.360%
35) Dibromofluoromethane	7.728	113	2421	21.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.800%#
50) Toluene-d8	10.185	98	23447	50.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	4665	29.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.120%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	4545	27.140	ug/l	95

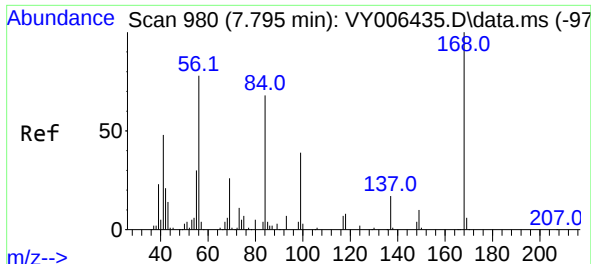
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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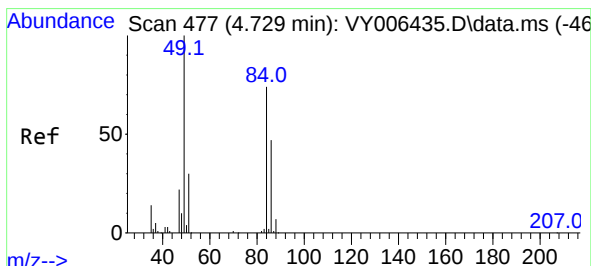
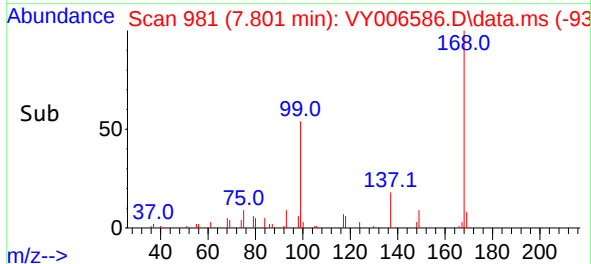
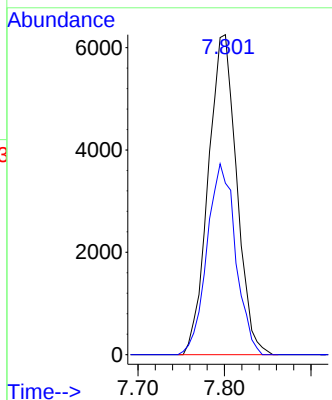
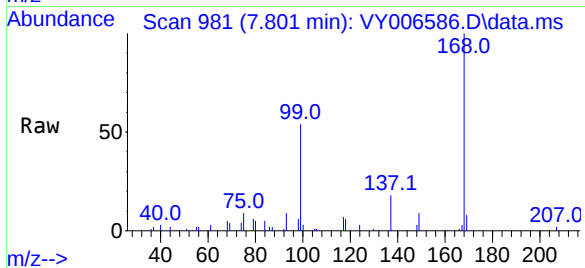




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

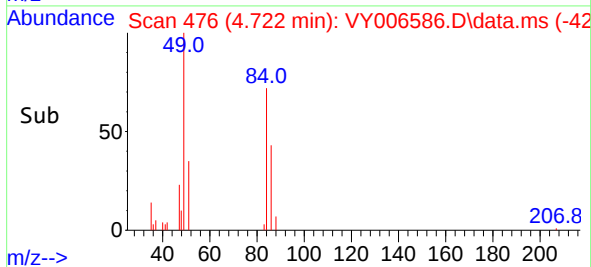
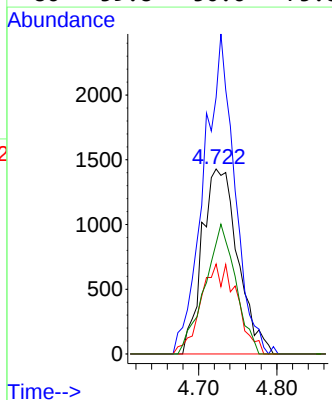
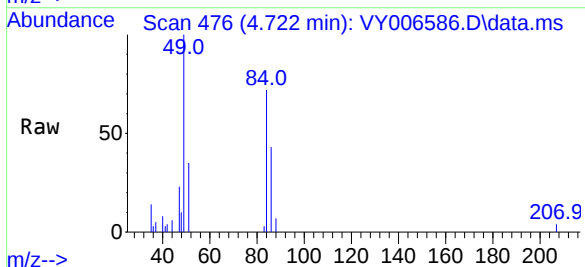
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221

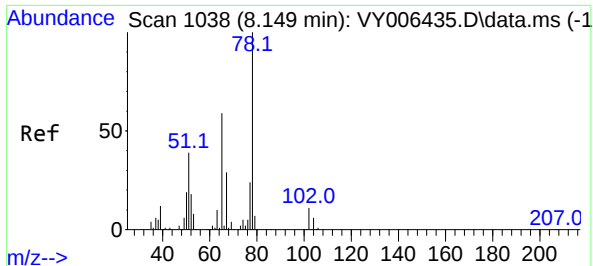
Tgt Ion:168 Resp: 14257
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#20
Methylene Chloride
Concen: 27.140 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 84 Resp: 4545
Ion Ratio Lower Upper
84 100
49 138.8 107.8 161.8
51 48.6 32.8 49.2
86 59.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 38.184 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

Instrument :

MSVOA_Y

ClientSampleId :

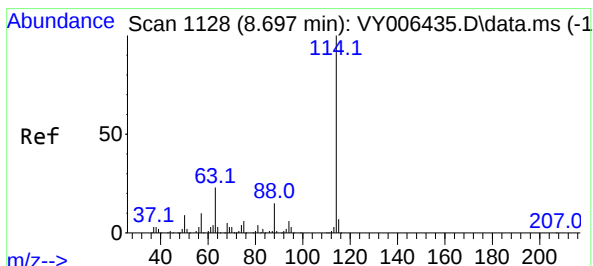
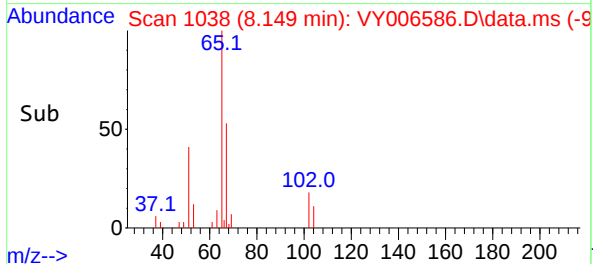
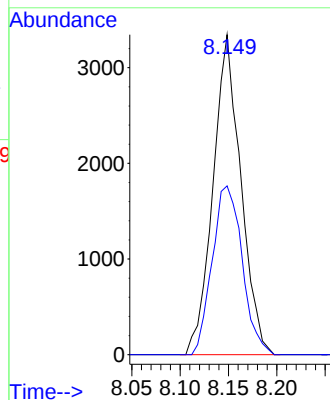
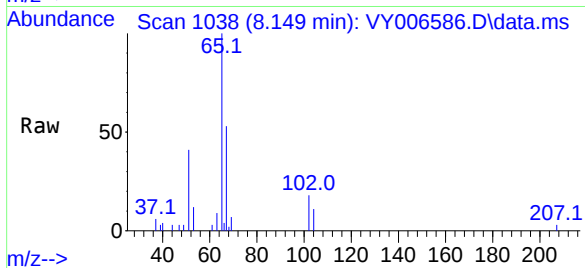
EO-01-110221

Tgt Ion: 65 Resp: 6699

Ion Ratio Lower Upper

65 100

67 56.7 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: VY006586.D

Acq: 02 Nov 2021 18:59

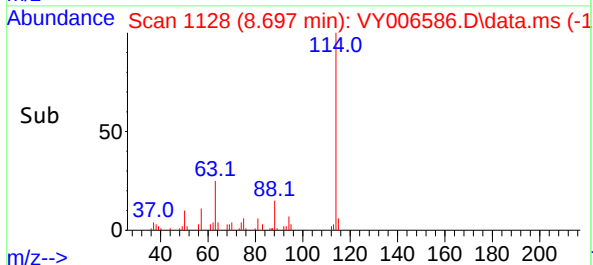
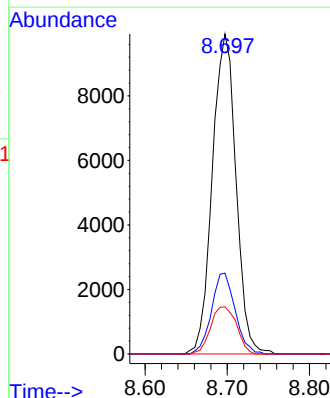
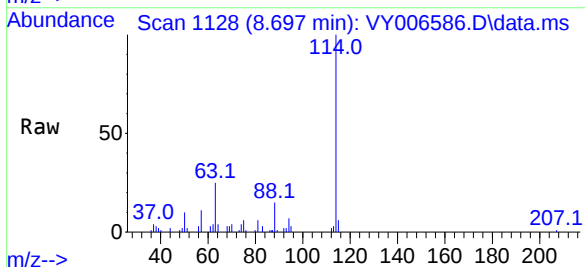
Tgt Ion: 114 Resp: 19830

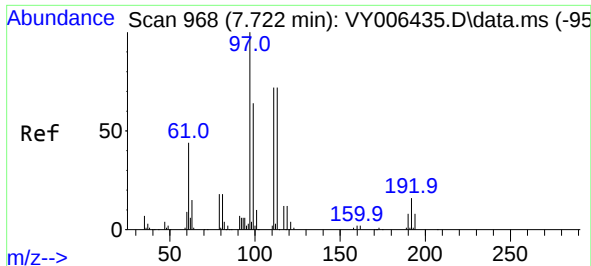
Ion Ratio Lower Upper

114 100

63 25.2 0.0 45.0

88 14.7 0.0 30.6

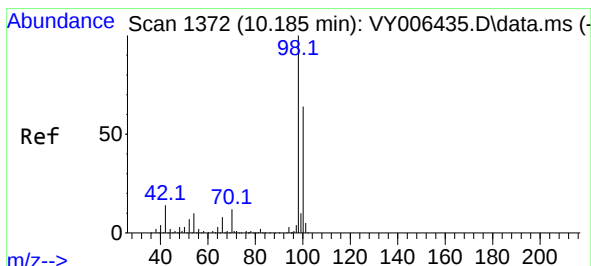
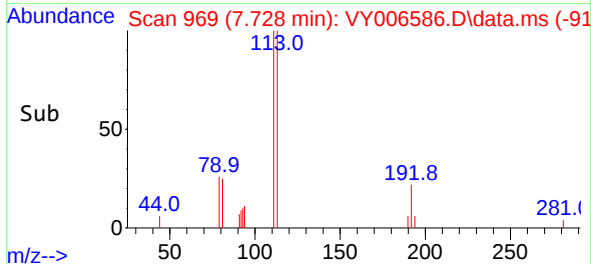
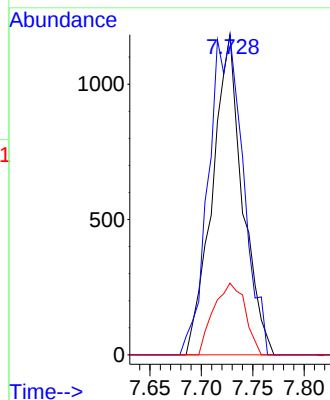
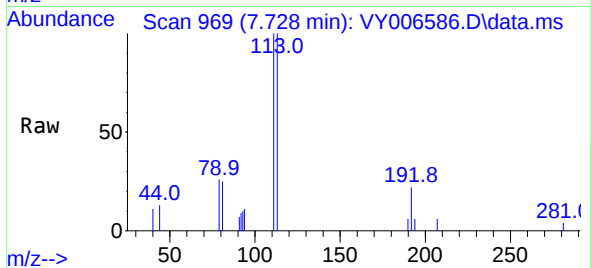




#35
Dibromofluoromethane
Concen: 21.904 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

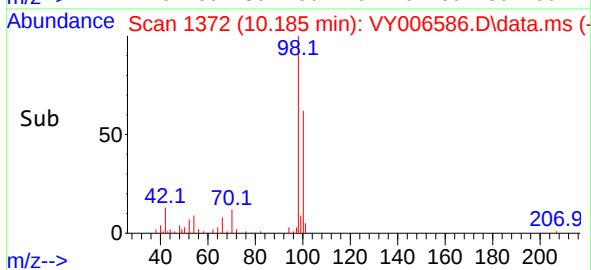
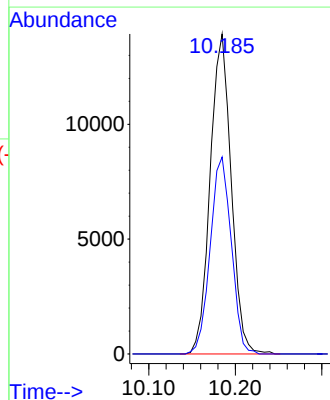
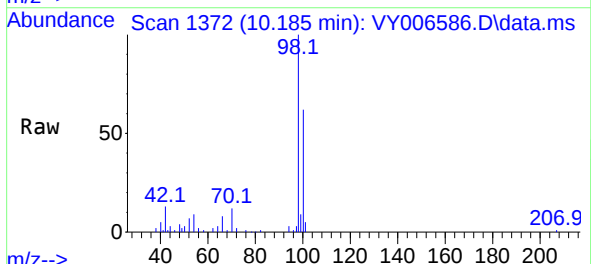
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221

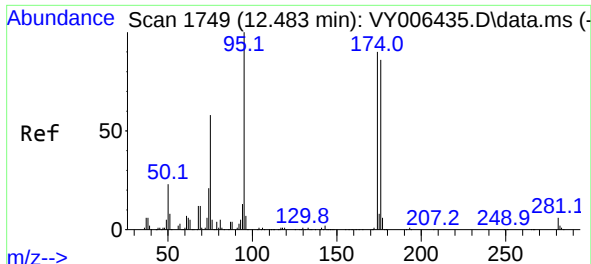
Tgt Ion:113 Resp: 2421
Ion Ratio Lower Upper
113 100
111 114.5 82.3 123.5
192 23.3 17.4 26.2



#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 98 Resp: 23447
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

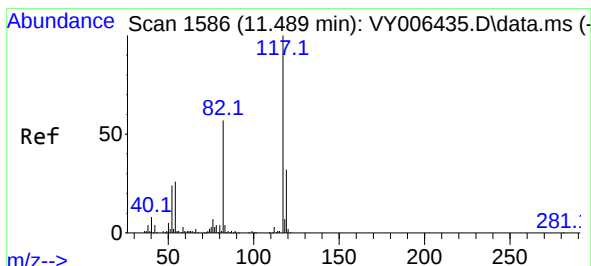
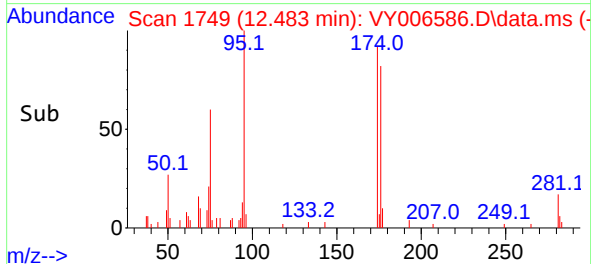
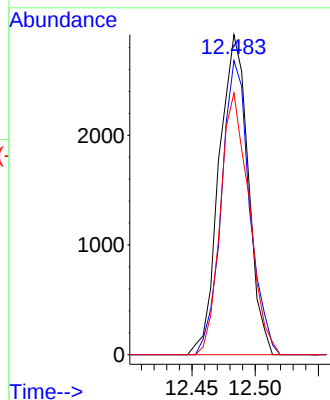
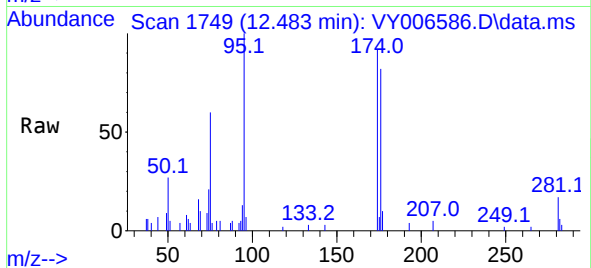




#62
4-Bromofluorobenzene
Concen: 29.557 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

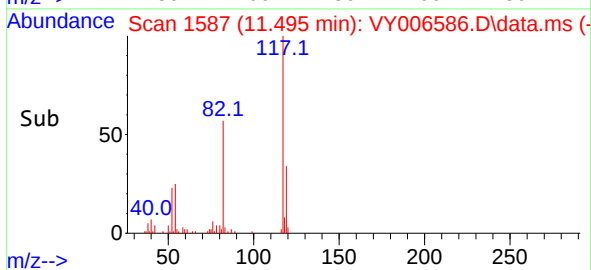
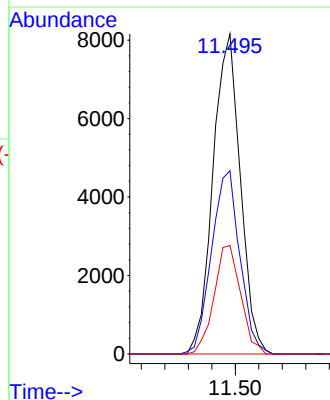
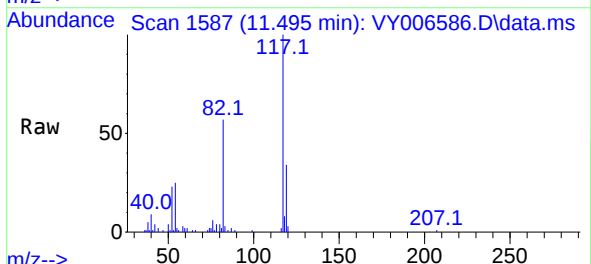
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Tgt Ion:	95	Resp:	4665
Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	177.0
176	80.5	0.0	169.4

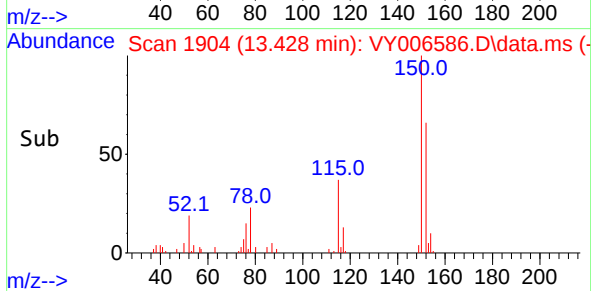
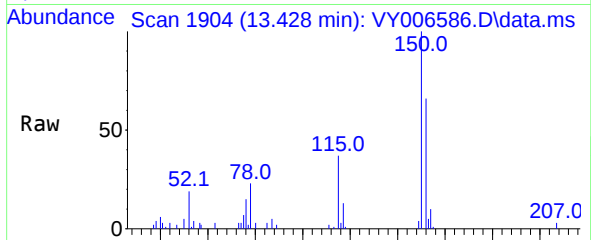
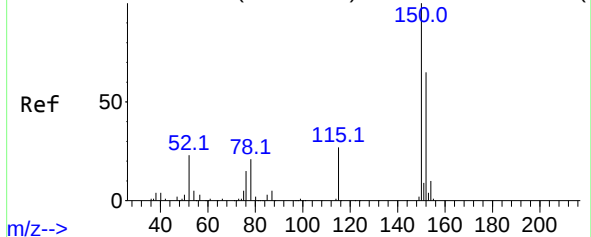


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion:	117	Resp:	13176
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	33.9	25.5	38.3



Abundance Scan 1904 (13.428 min): VY006435.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221

Tgt Ion:	152	Resp:	4283
Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.5	85.5
150	145.3	0.0	348.2

