

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006537.D
 Acq On : 29 Oct 2021 14:07
 Operator : SY/MD
 Sample : M4402-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-102821

Quant Time: Oct 30 02:59:41 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)

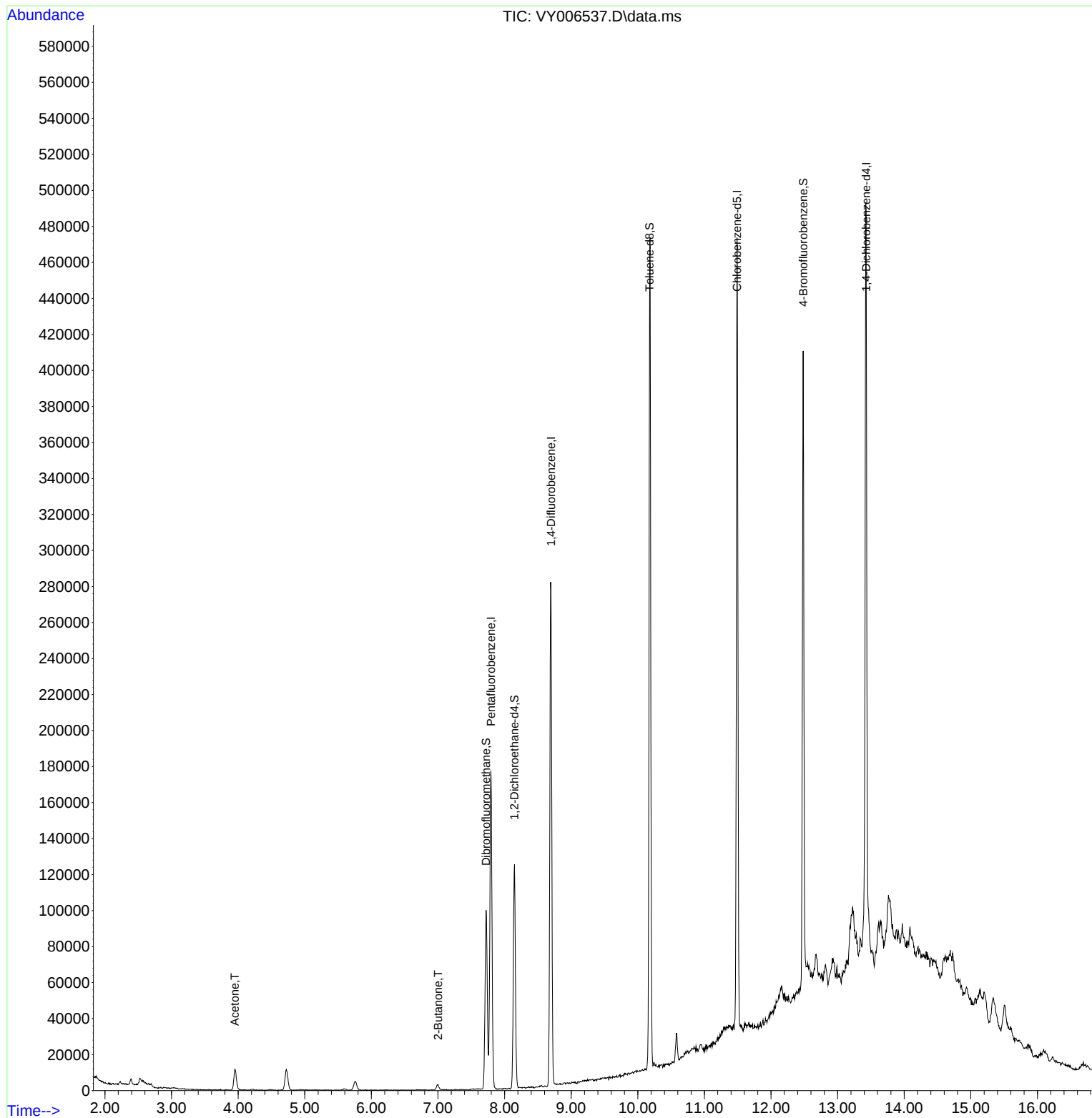
Internal Standards						
1) Pentafluorobenzene	7.795	168	130069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96483	60.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.560%	
35) Dibromofluoromethane	7.722	113	66961	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.178	98	292559	55.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.483	95	100492	56.229	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.460%	
Target Compounds						Qvalue
16) Acetone	3.948	43	21248	46.103	ug/l #	88
25) 2-Butanone	7.002	43	4866	8.059	ug/l #	87

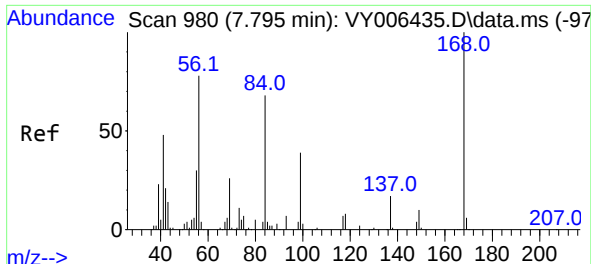
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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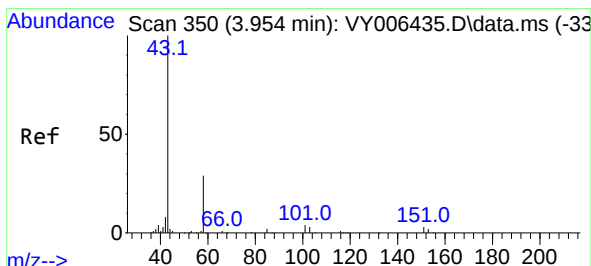
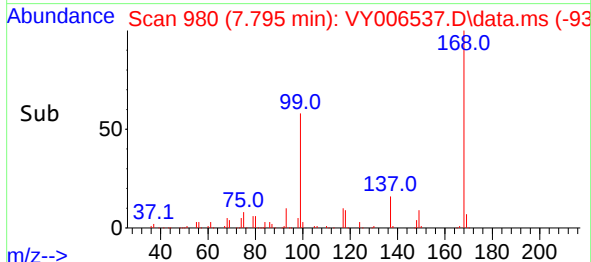
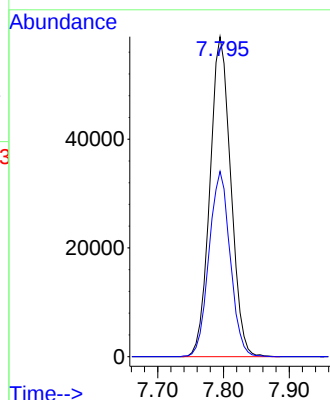
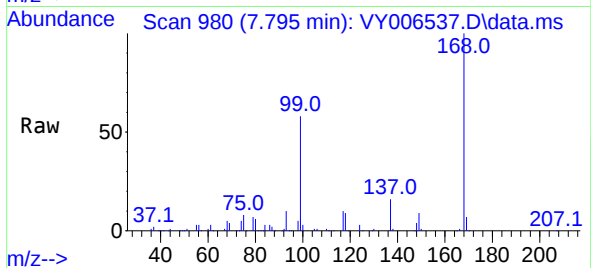




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

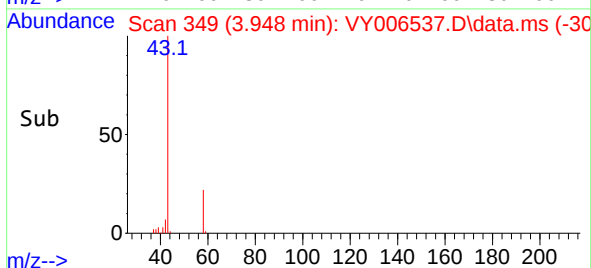
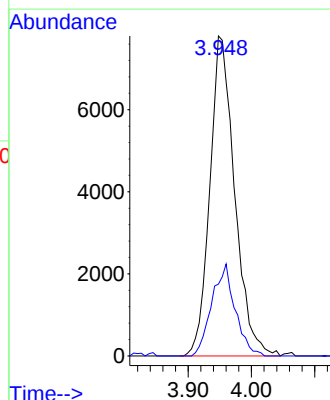
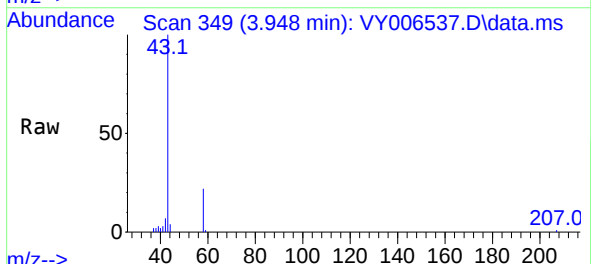
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-102821

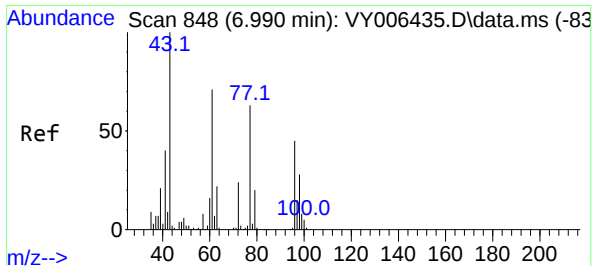
Tgt Ion:168 Resp: 130069
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#16
Acetone
Concen: 46.103 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion: 43 Resp: 21248
Ion Ratio Lower Upper
43 100
58 22.5 22.9 34.3#





#25

2-Butanone

Concen: 8.059 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY006537.D

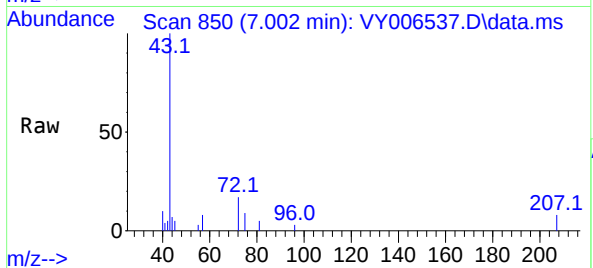
Acq: 29 Oct 2021 14:07

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-102821

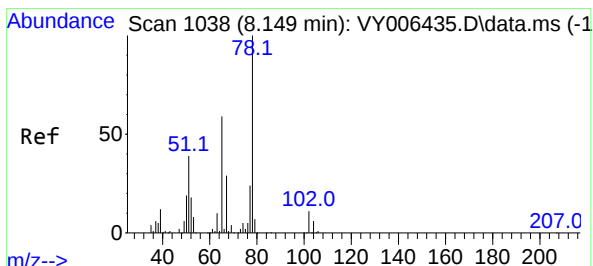
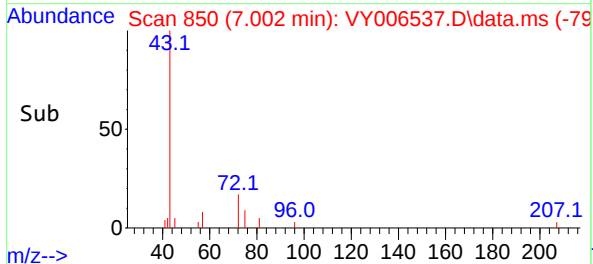
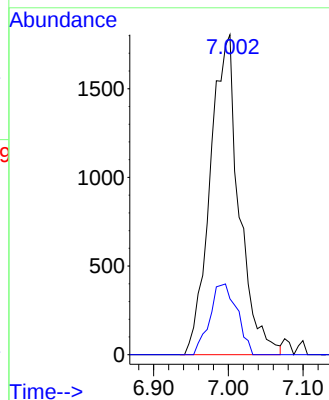


Tgt Ion: 43 Resp: 4866

Ion Ratio Lower Upper

43 100

72 17.5 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 60.280 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006537.D

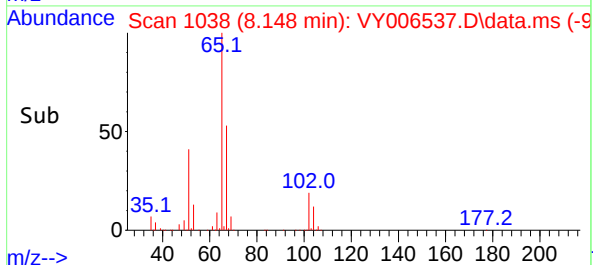
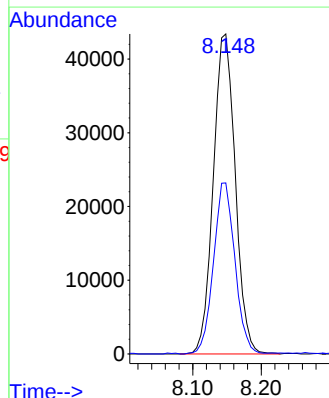
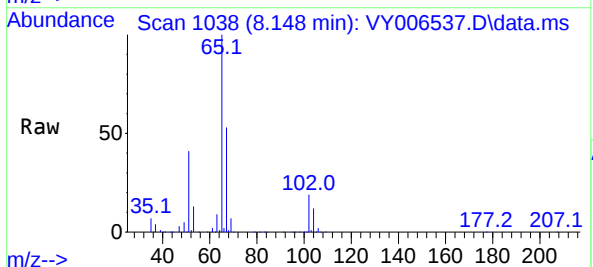
Acq: 29 Oct 2021 14:07

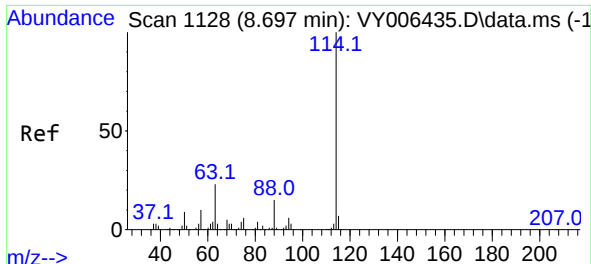
Tgt Ion: 65 Resp: 96483

Ion Ratio Lower Upper

65 100

67 52.3 0.0 98.2



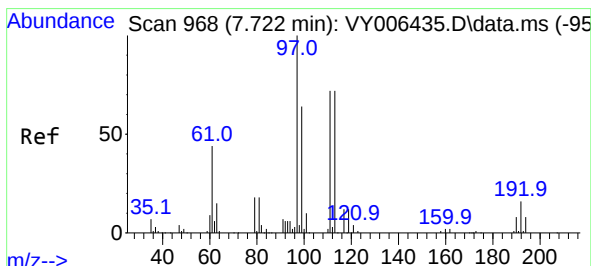
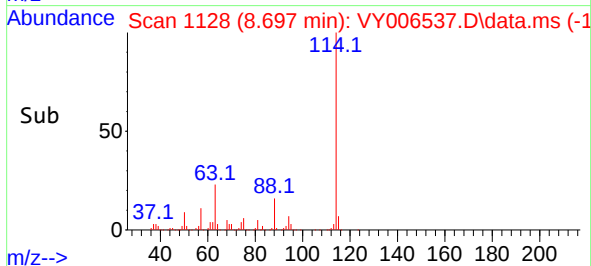
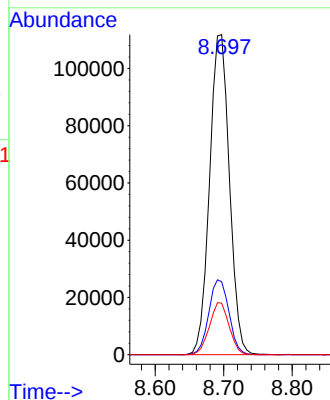
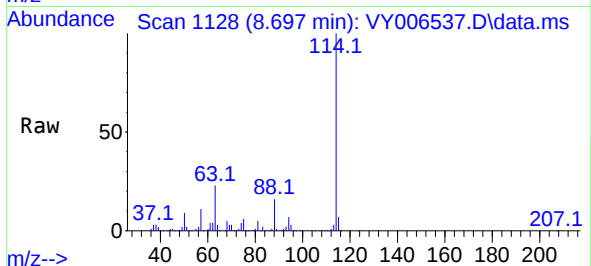


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-102821

Tgt Ion:114 Resp: 224541

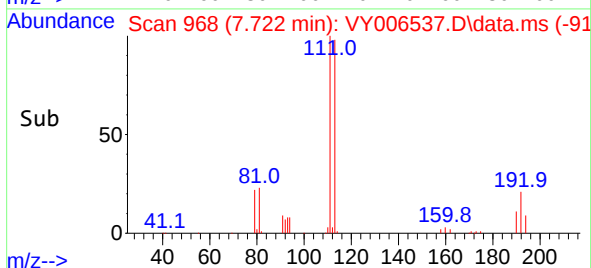
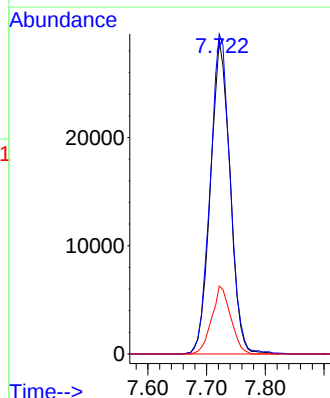
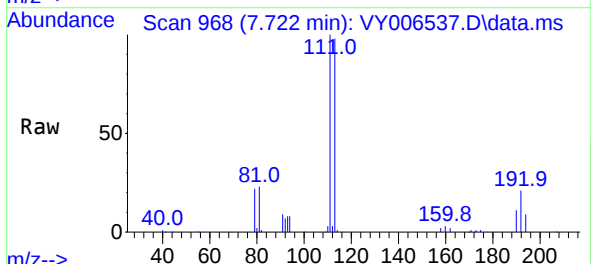
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	16.1	0.0	30.6

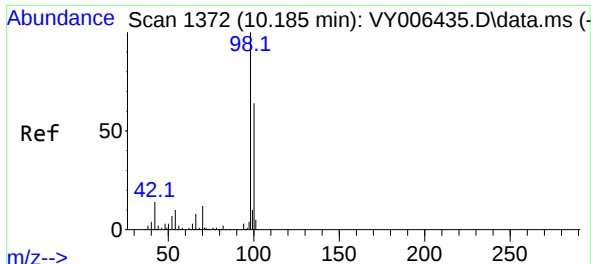


#35
Dibromofluoromethane
Concen: 53.503 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion:113 Resp: 66961

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	20.9	17.4	26.2

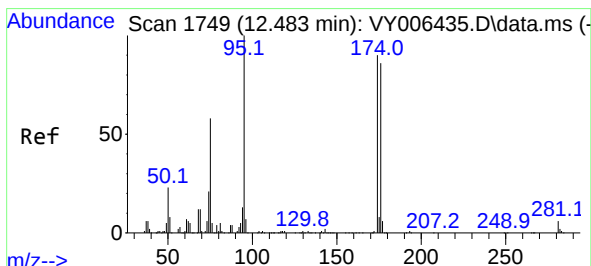
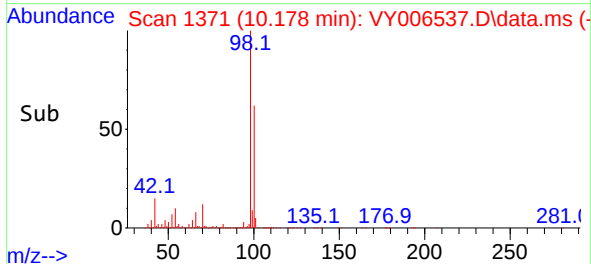
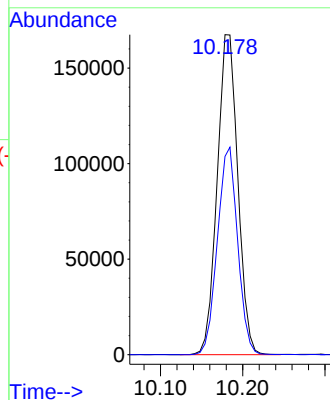
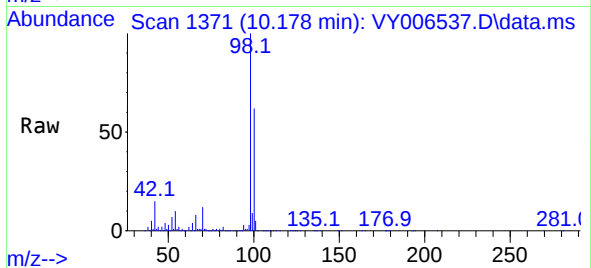




#50
Toluene-d8
Concen: 55.144 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

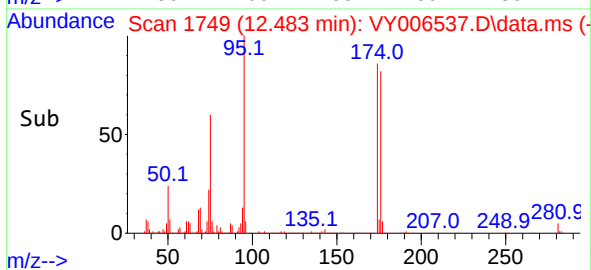
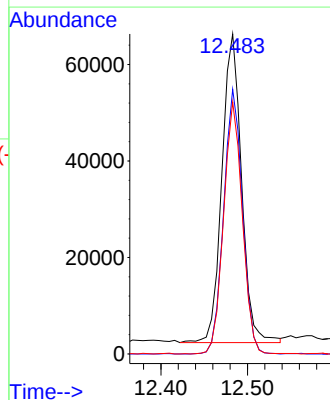
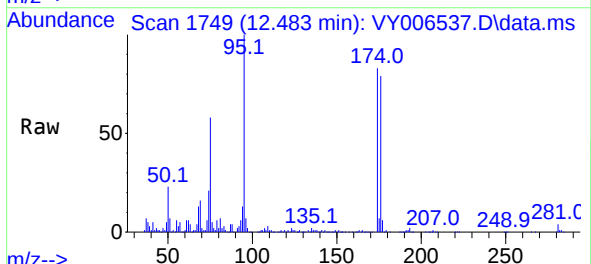
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-102821

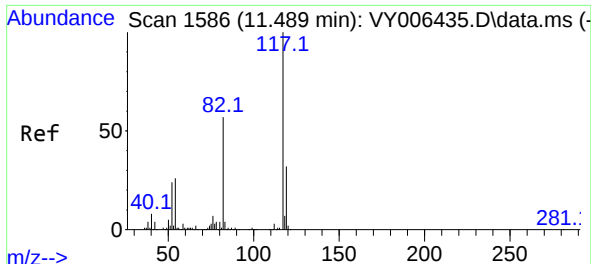
Tgt Ion: 98 Resp: 292559
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion: 95 Resp: 100492
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 78.1 0.0 169.4

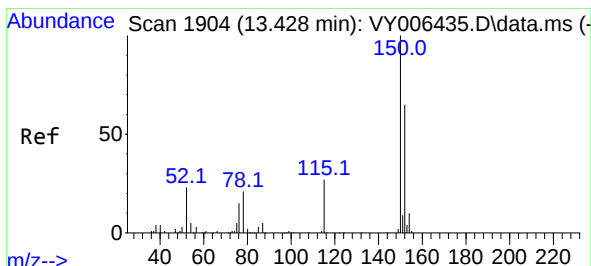
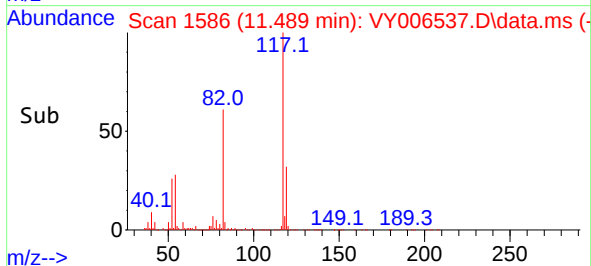
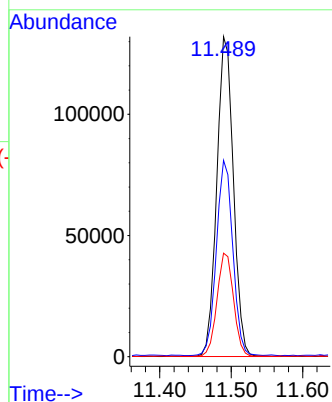
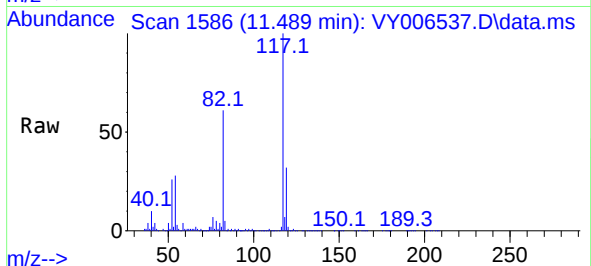




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006537.D
Acq: 29 Oct 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-102821

Tgt Ion:117 Resp: 212509
Ion Ratio Lower Upper
117 100
82 61.1 45.7 68.5
119 32.2 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: VY006537.D
Acq: 29 Oct 2021 14:07

Tgt Ion:152 Resp: 92808
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 155.7 0.0 348.2

