

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005285.D
 Acq On : 29 Jun 2021 19:00
 Operator : SY/MD
 Sample : M2885-03
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 41547

Quant Time: Jun 30 04:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	231186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	387189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118623	61.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.660%
35) Dibromofluoromethane	7.728	113	115780	52.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.185	98	472075	53.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.483	95	176918	59.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.560%

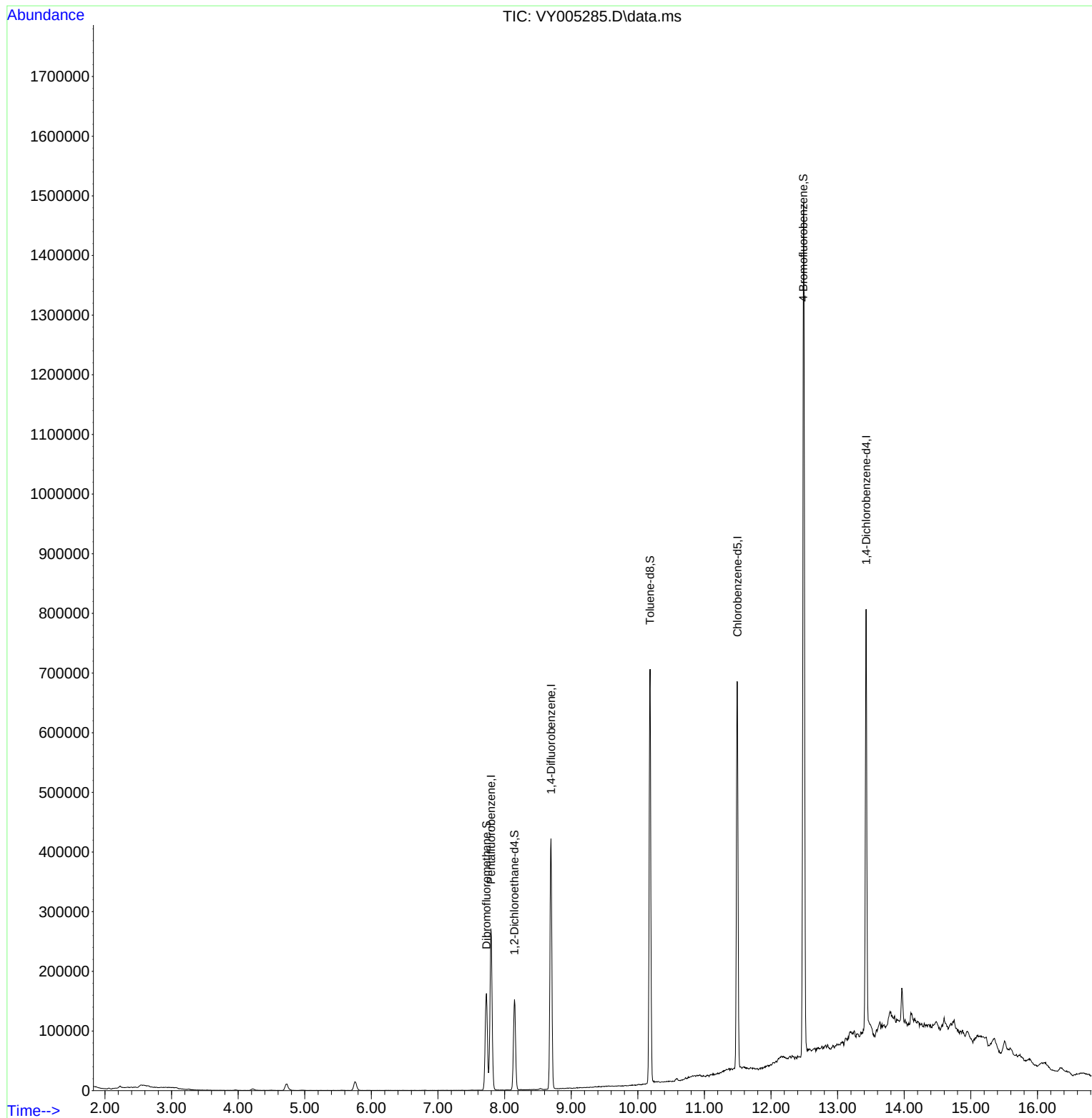
Target Compounds	Qvalue

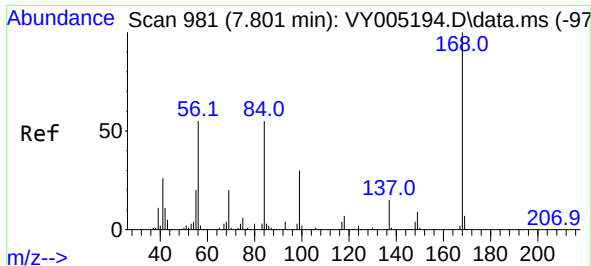
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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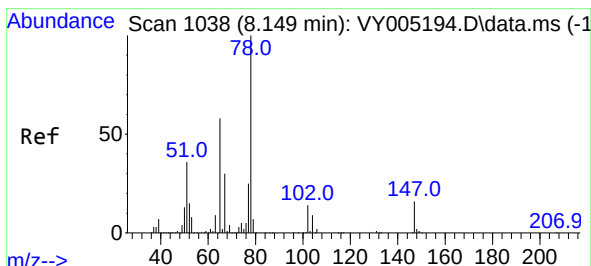
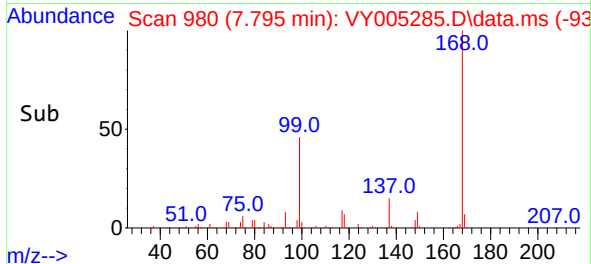
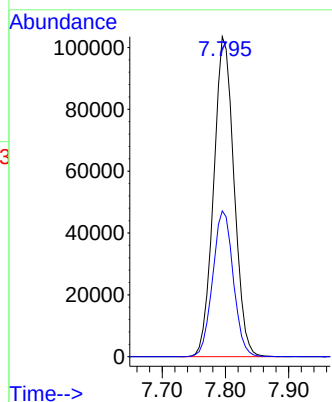
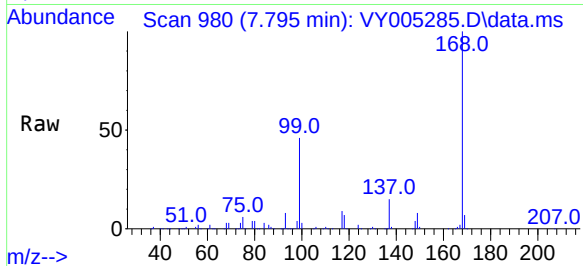




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

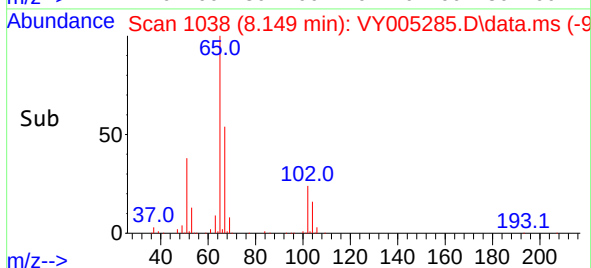
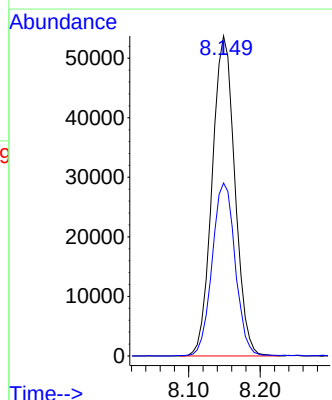
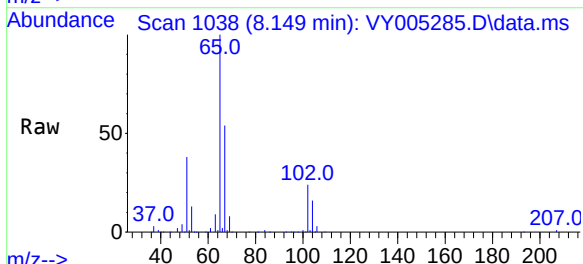
Instrument :
MSVOA_Y
ClientSampleId :
41547

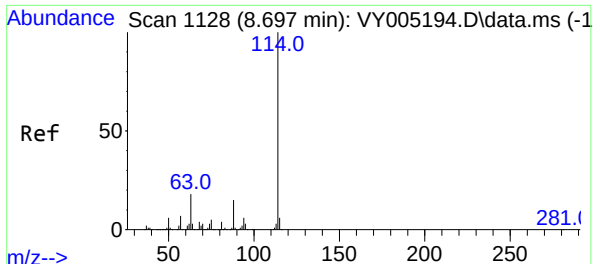
Tgt Ion:168 Resp: 231186
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 61.831 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 65 Resp: 118623
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6

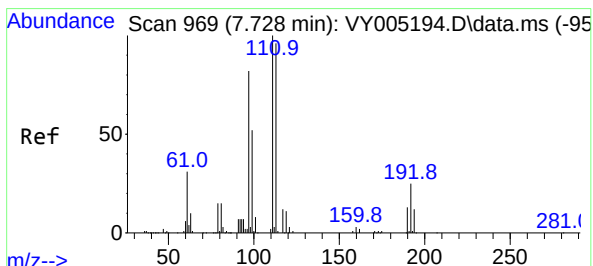
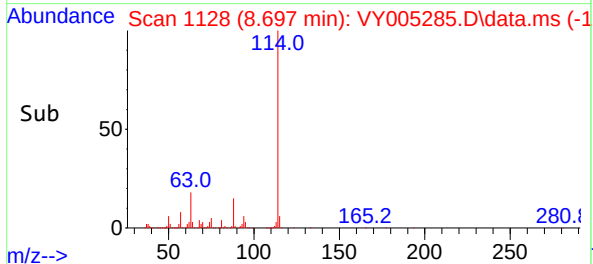
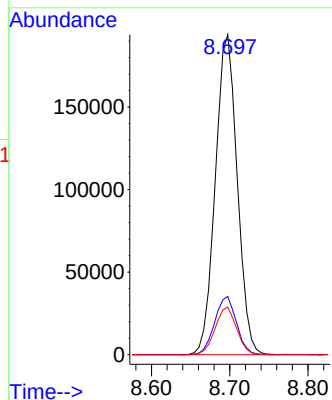
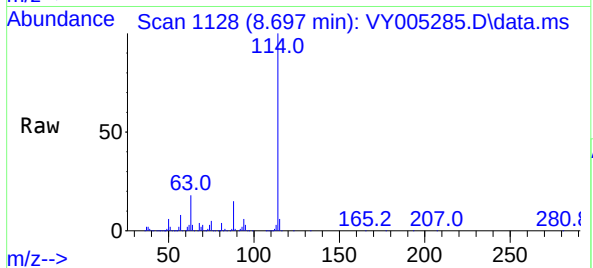




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

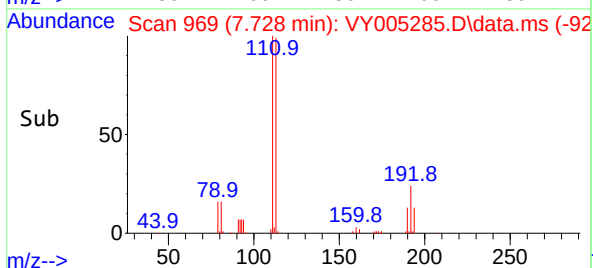
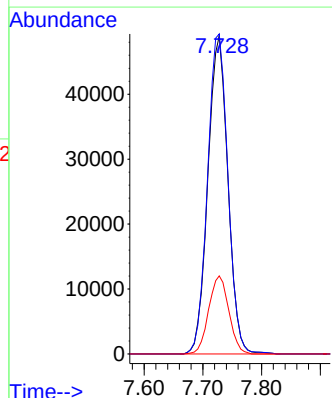
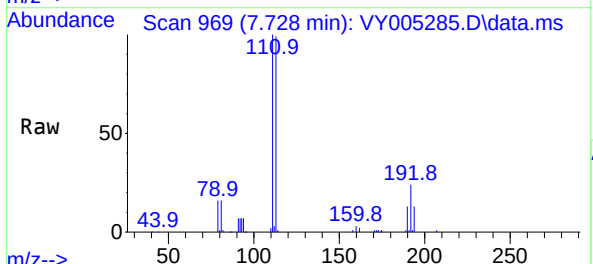
Instrument :
MSVOA_Y
ClientSampleId :
41547

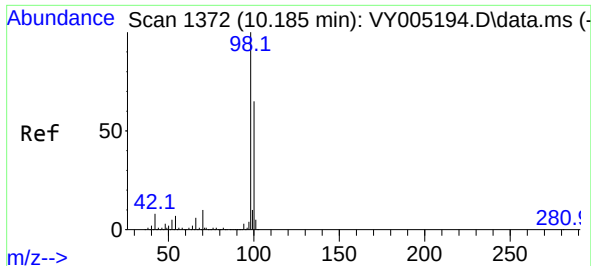
Tgt Ion:114 Resp: 376592
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.130 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion:113 Resp: 115780
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 24.7 20.2 30.2

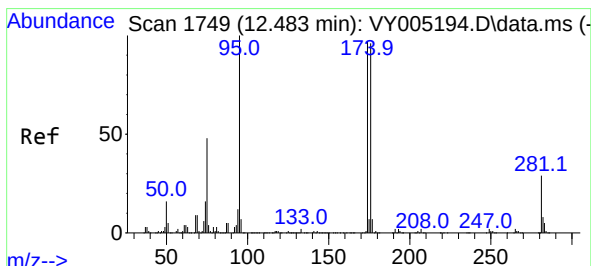
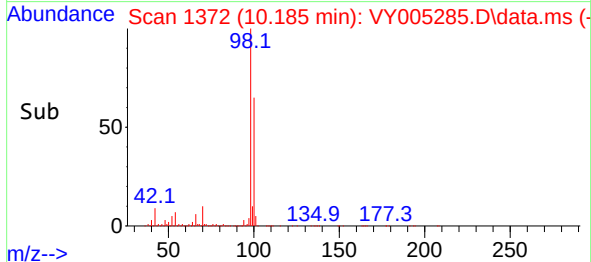
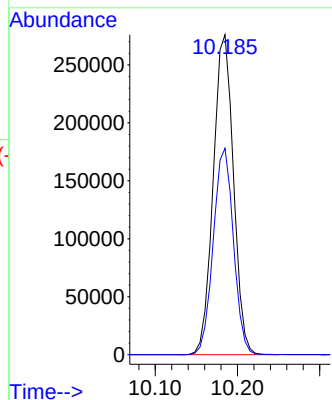
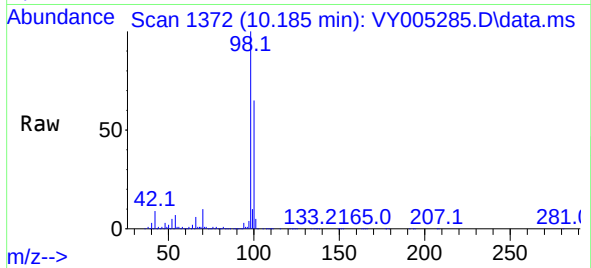




#50
Toluene-d8
Concen: 53.150 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

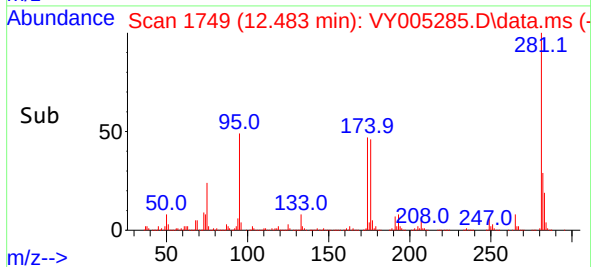
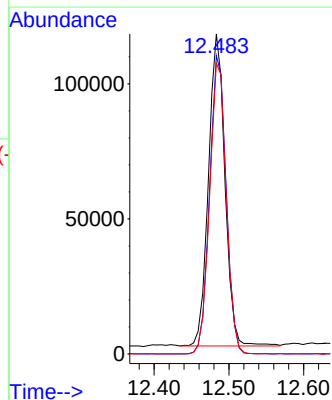
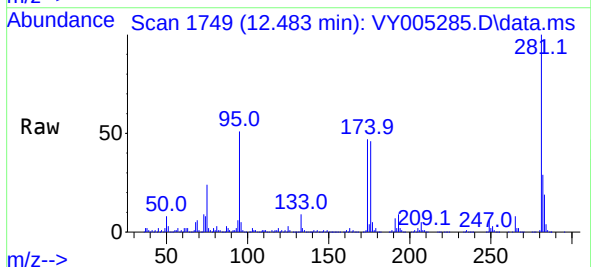
Instrument :
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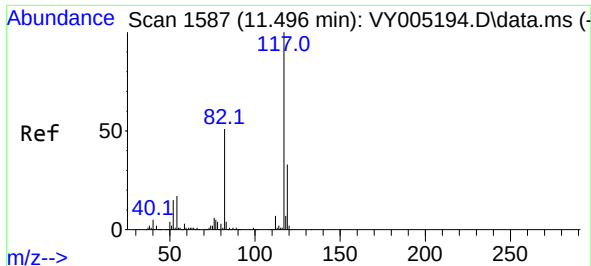
Tgt Ion: 98 Resp: 472075
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 59.776 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion: 95 Resp: 176918
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.6
176 93.8 0.0 197.4

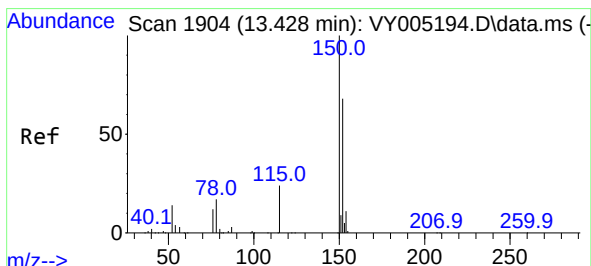
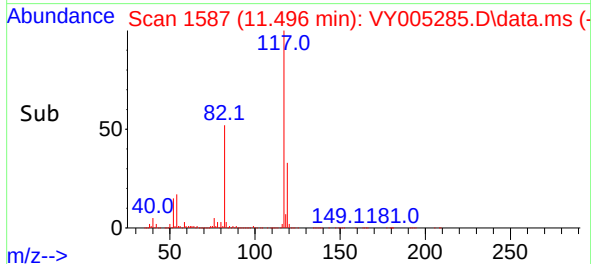
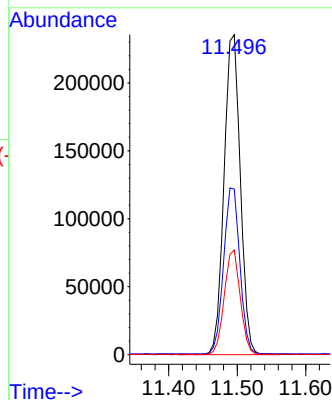
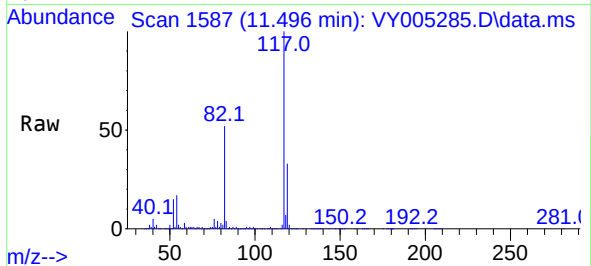




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
41547

Tgt Ion:	117	Resp:	387189
Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.6	60.8
119	32.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005285.D
Acq: 29 Jun 2021 19:00

Tgt Ion:	152	Resp:	189970
Ion	Ratio	Lower	Upper
152	100		
115	52.8	26.3	78.8
150	156.0	0.0	344.2

