

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006889.D
 Acq On : 24 Nov 2021 19:59
 Operator : SY/MD
 Sample : M4844-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K-1A

Quant Time: Nov 26 09:59:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	7071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	10642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5048	54.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.940%
35) Dibromofluoromethane	7.734	113	3365	51.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.191	98	13016	48.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.483	95	3430	37.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.220%

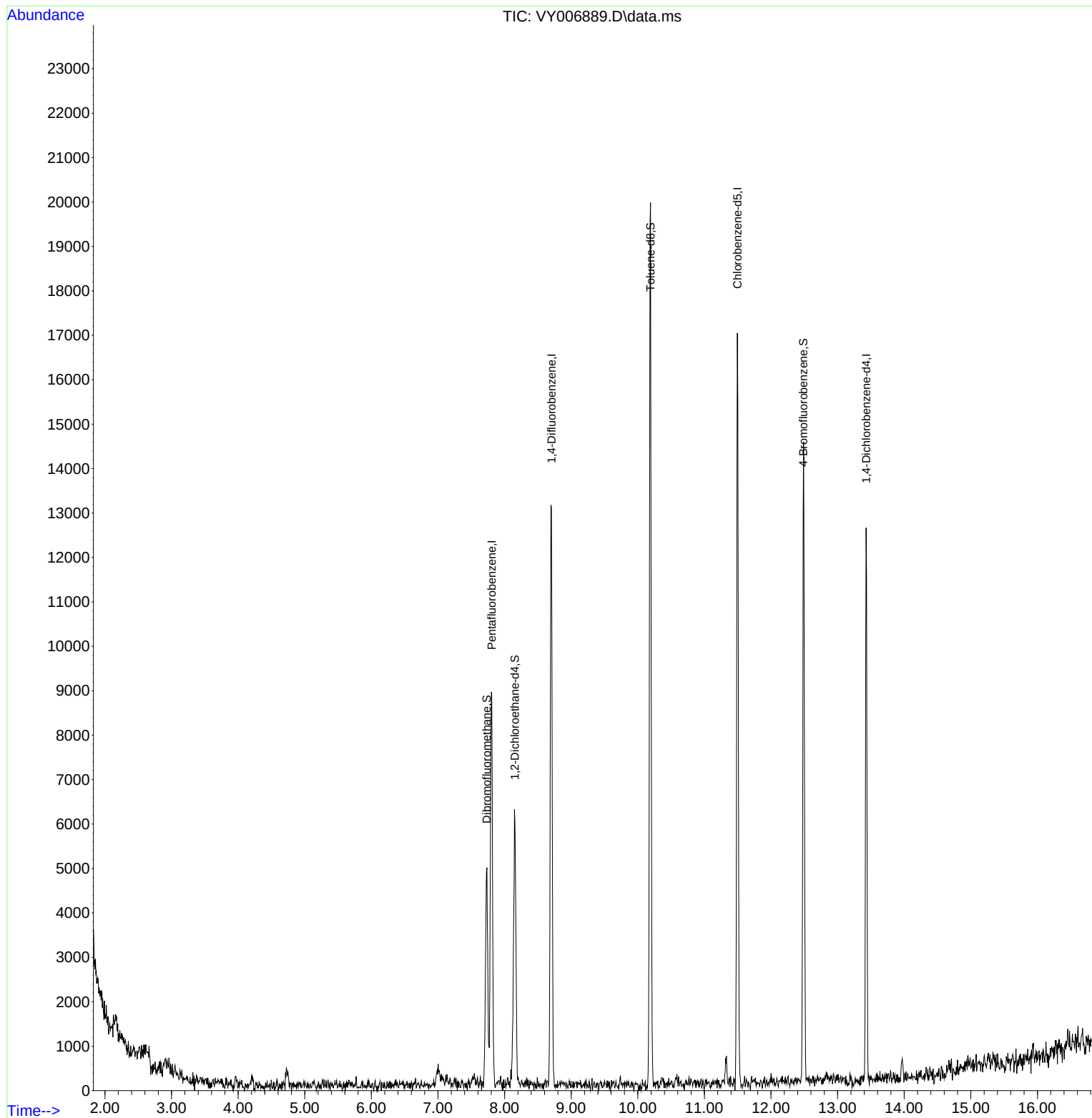
Target Compounds	Qvalue

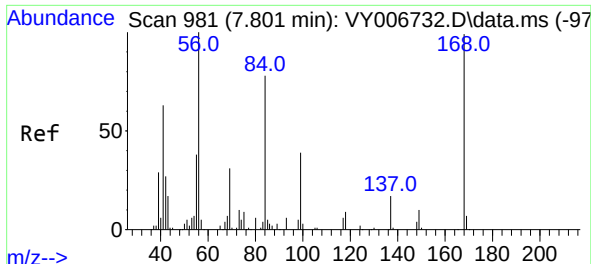
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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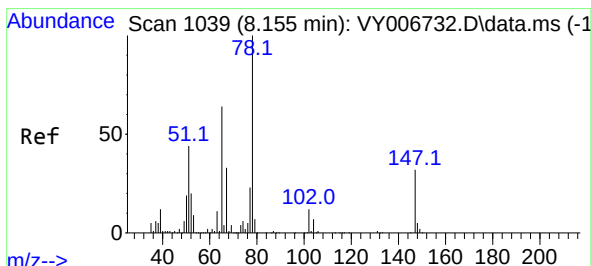
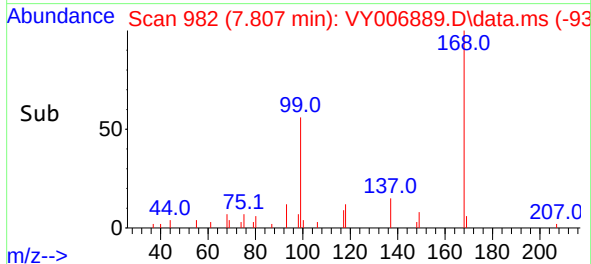
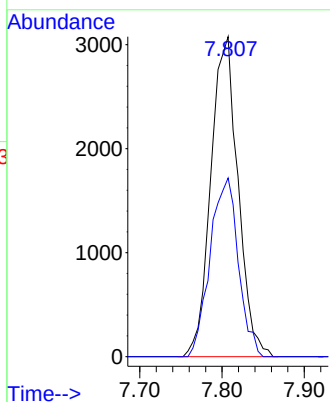
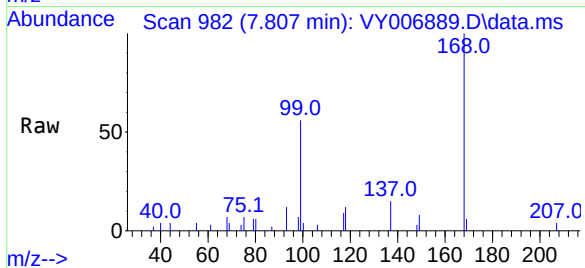




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

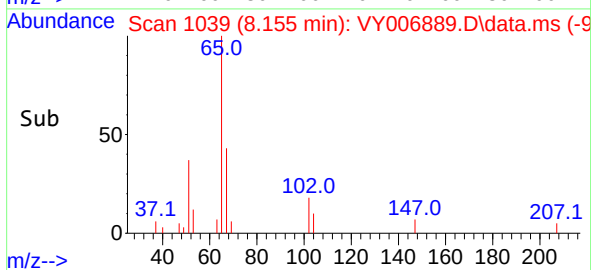
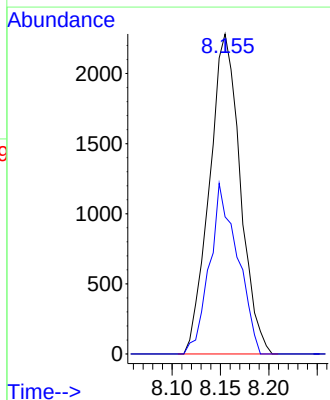
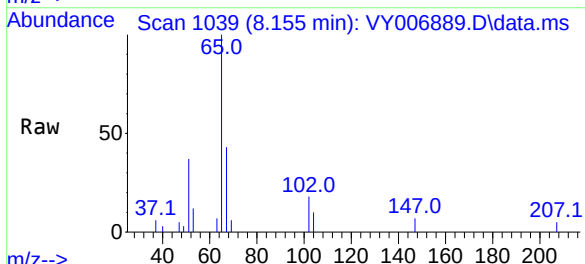
Instrument :
MSVOA_Y
ClientSampleId :
K-1A

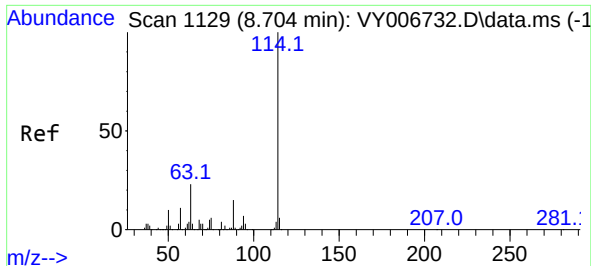
Tgt Ion:168 Resp: 7071
Ion Ratio Lower Upper
168 100
99 55.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.471 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion: 65 Resp: 5048
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.2

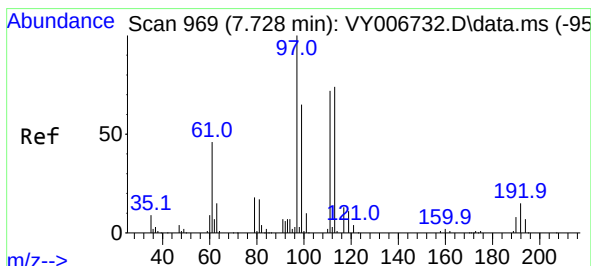
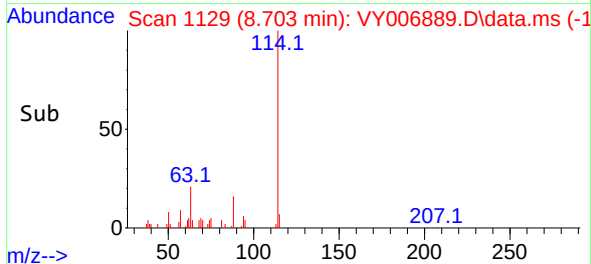
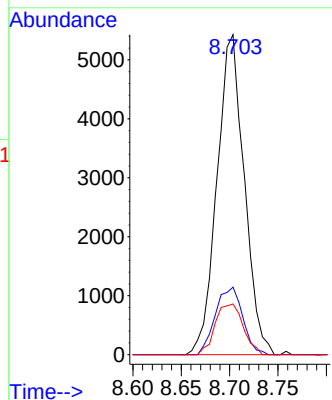
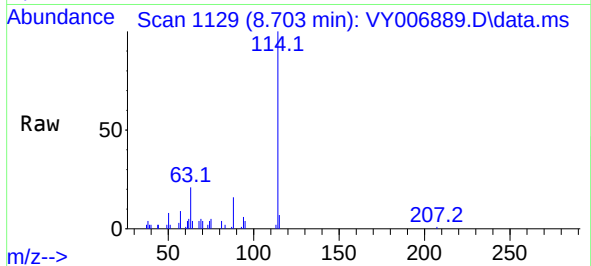




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

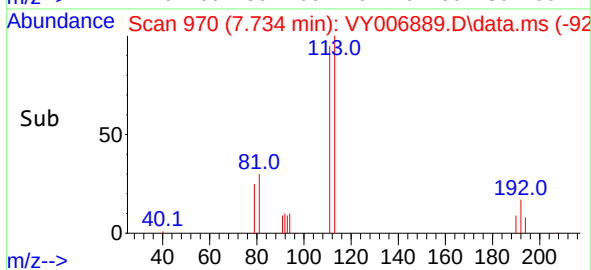
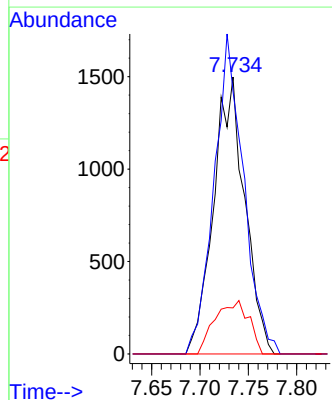
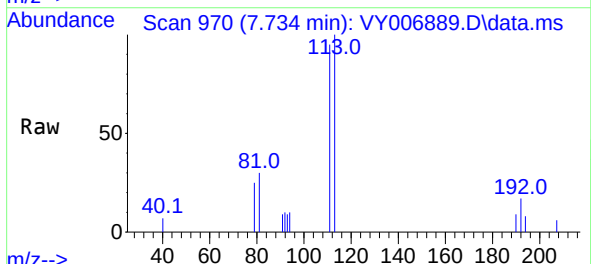
Instrument :
MSVOA_Y
ClientSampleId :
K-1A

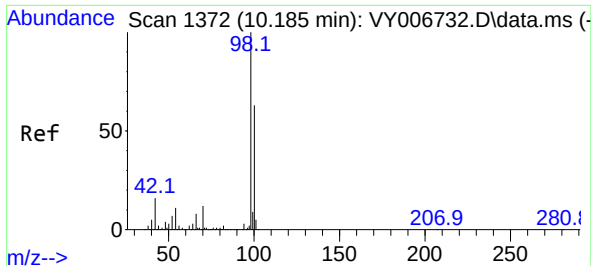
Tgt Ion:	114	Resp:	10642
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	45.0
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.478 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion:	113	Resp:	3365
Ion	Ratio	Lower	Upper
113	100		
111	109.0	82.3	123.5
192	20.8	17.4	26.2

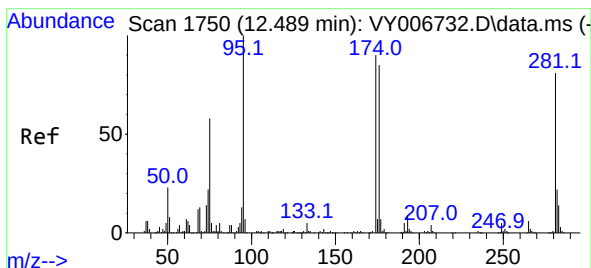
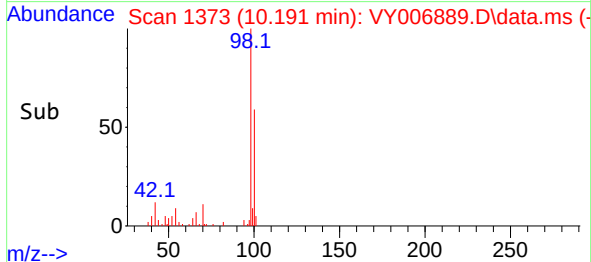
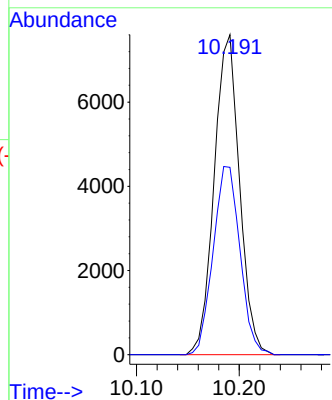
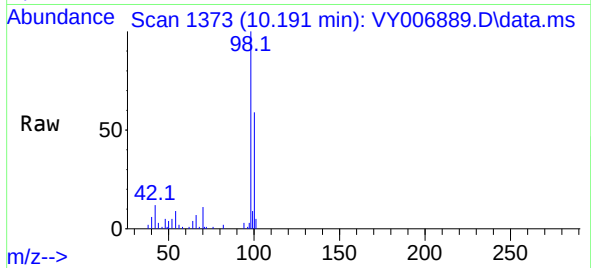




#50
Toluene-d8
Concen: 48.119 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

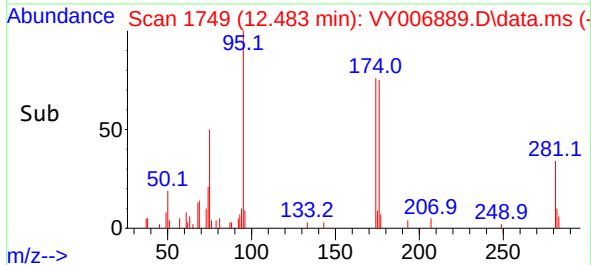
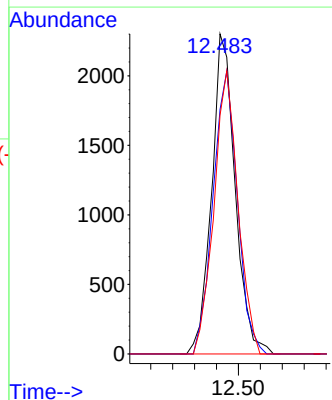
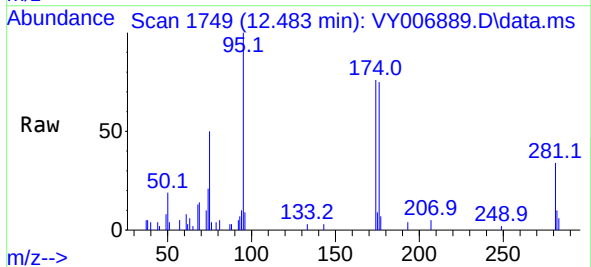
Instrument :
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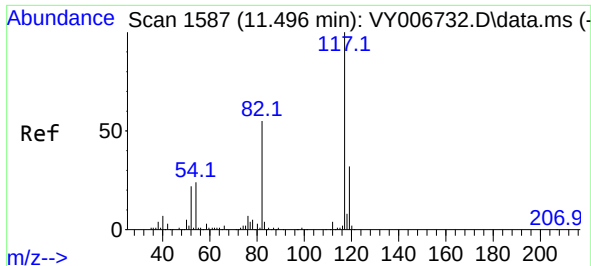
Tgt Ion: 98 Resp: 13016
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion: 95 Resp: 3430
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 90.3 0.0 169.4

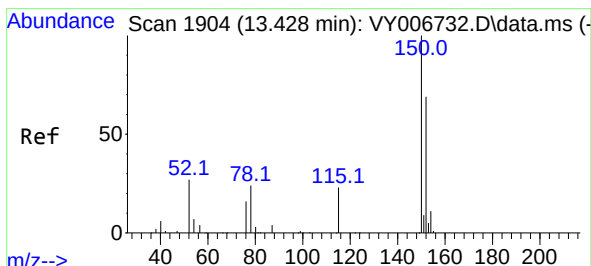
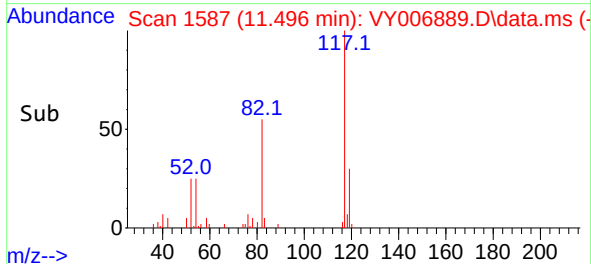
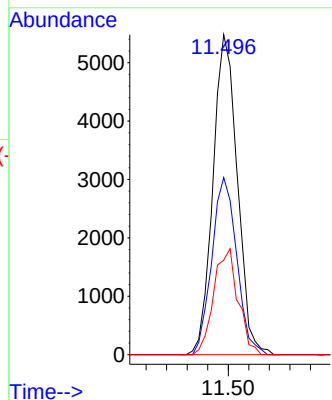
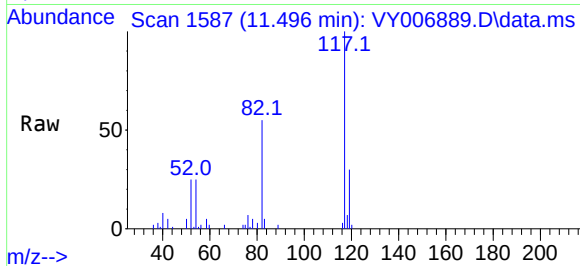




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006889.D
Acq: 24 Nov 2021 19:59

Instrument :
MSVOA_Y
ClientSampleId :
K-1A

Tgt Ion:	117	Resp:	9011
Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.7	68.5
119	29.6	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: VY006889.D
Acq: 24 Nov 2021 19:59

Tgt Ion:	152	Resp:	3293
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.5	85.5
150	165.2	0.0	348.2

