

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019089.D
 Acq On : 16 Aug 2024 13:22
 Operator : SY/MD
 Sample : P3614-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-081424

Quant Time: Aug 16 23:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	7010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	10233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	2594	36.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.820%
35) Dibromofluoromethane	7.628	113	3175	47.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.900%
50) Toluene-d8	10.103	98	10252	42.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.160%
62) 4-Bromofluorobenzene	12.395	95	1655	20.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	40.320%

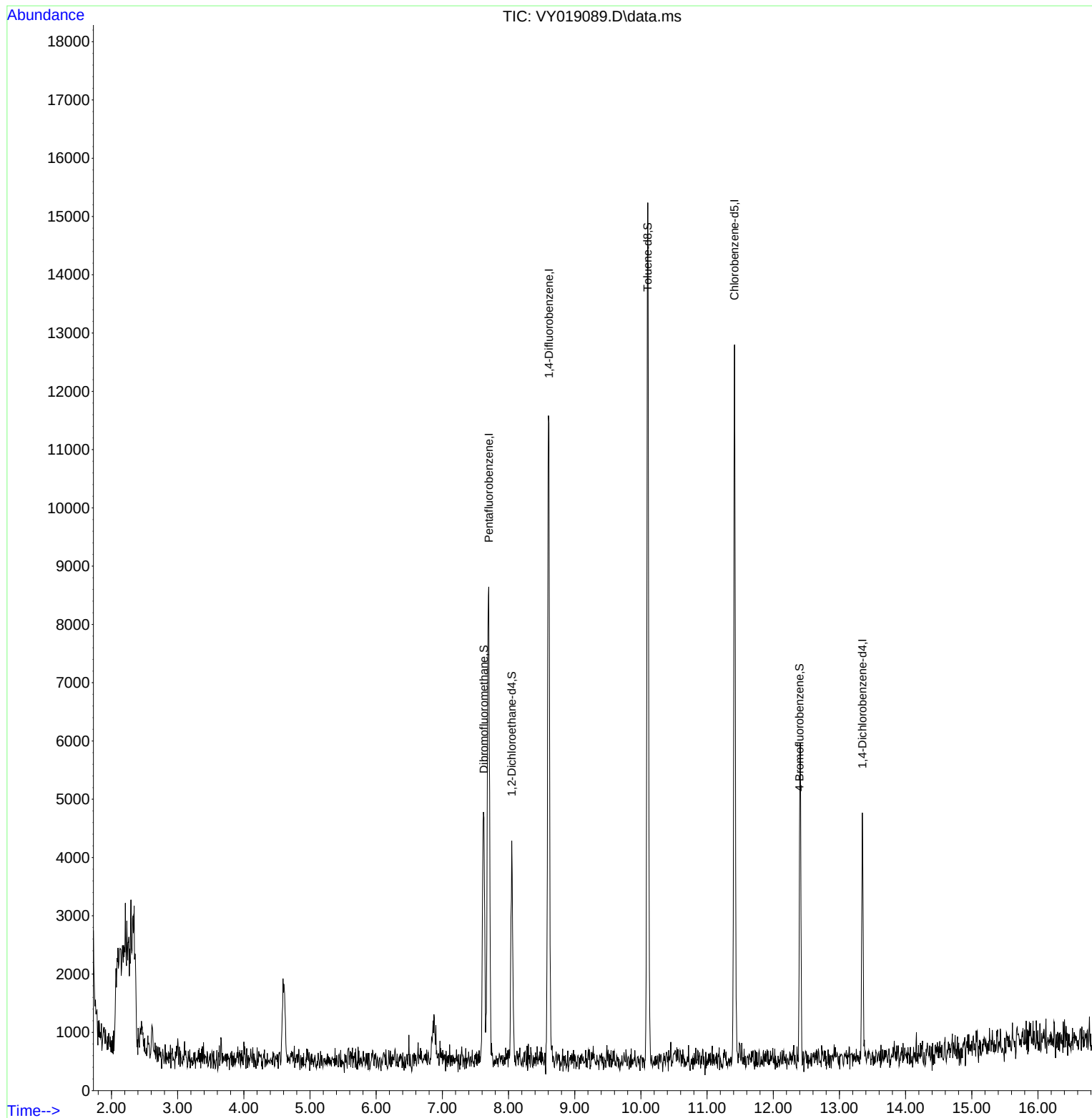
Target Compounds	Qvalue

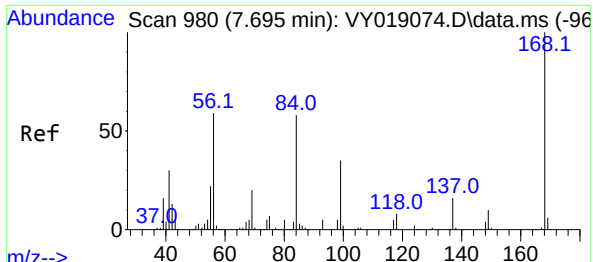
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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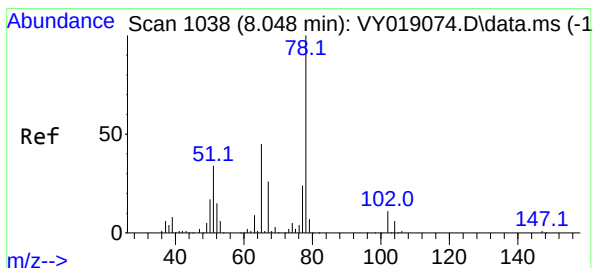
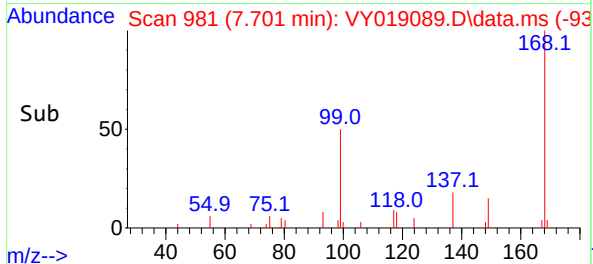
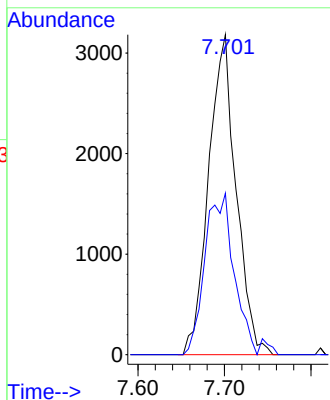
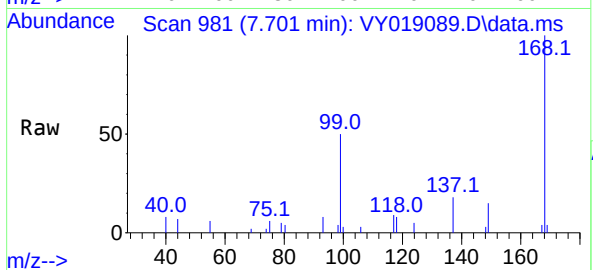




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

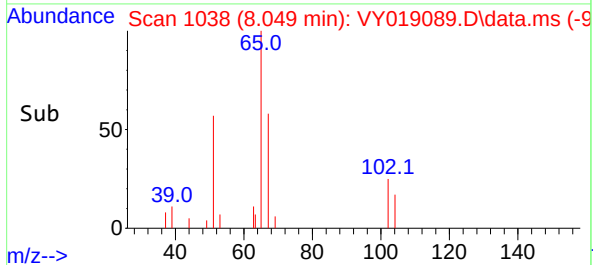
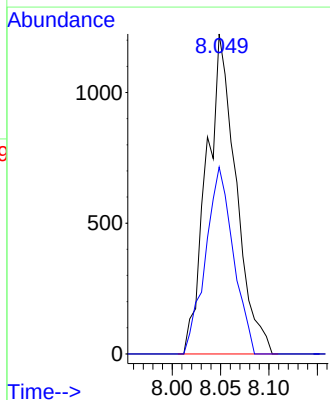
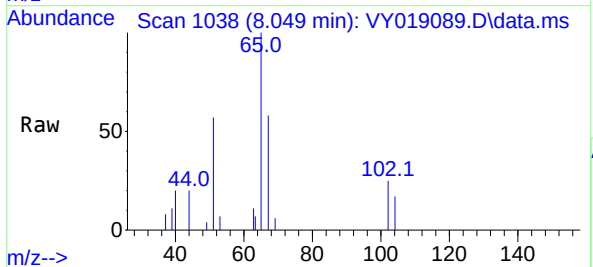
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-081424

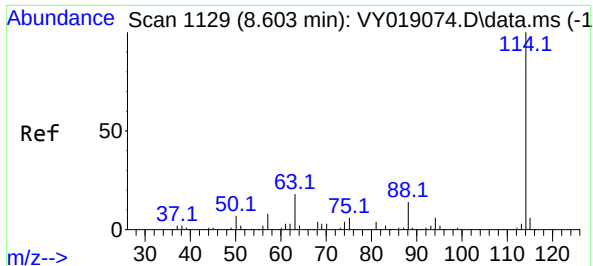
Tgt Ion:168 Resp: 7010
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 36.915 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

Tgt Ion: 65 Resp: 2594
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

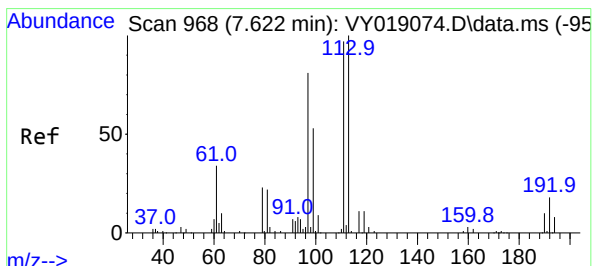
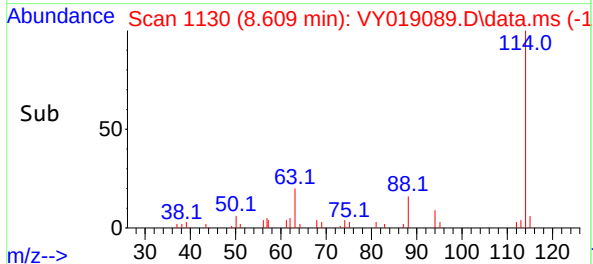
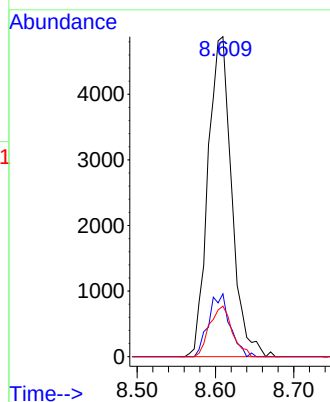
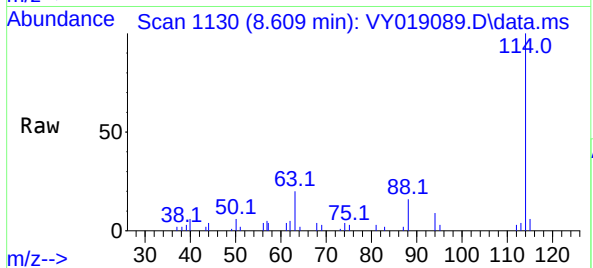




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

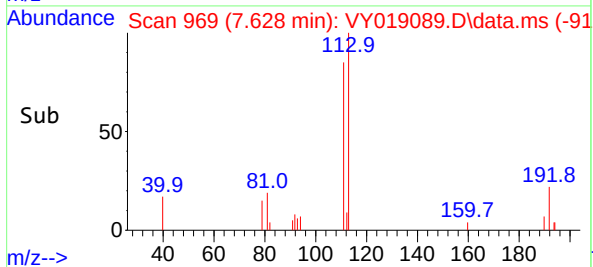
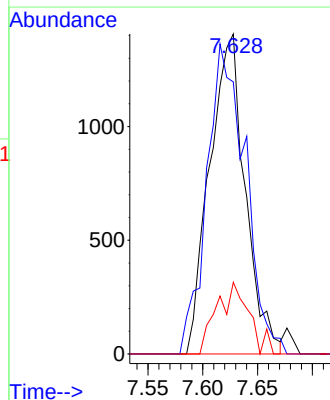
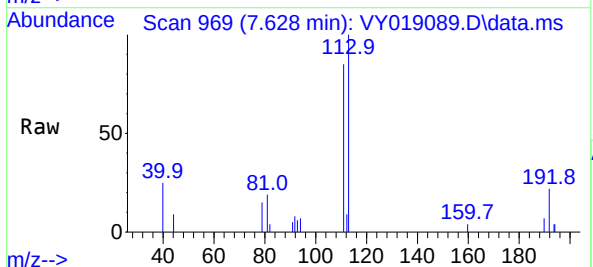
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-081424

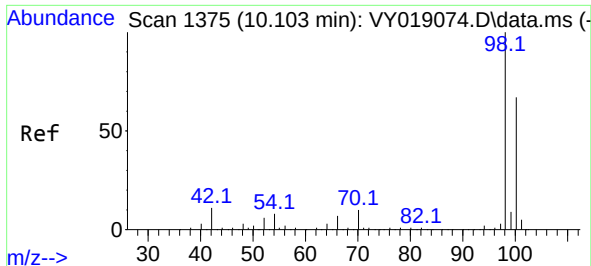
Tgt Ion:114 Resp: 10233
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.452 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

Tgt Ion:113 Resp: 3175
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 20.3 15.9 23.9

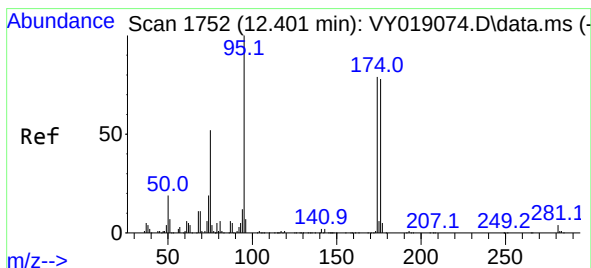
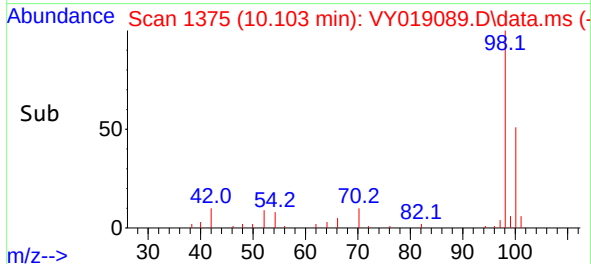
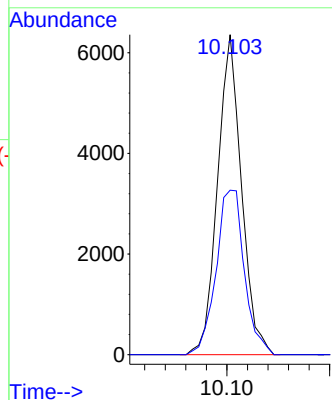
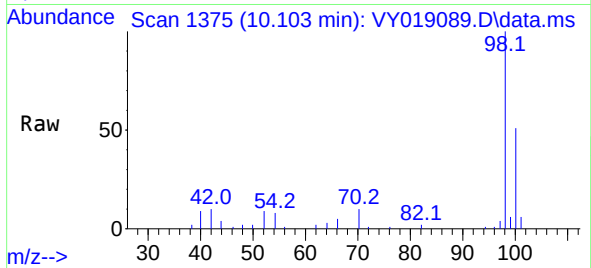




#50
Toluene-d8
Concen: 42.578 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

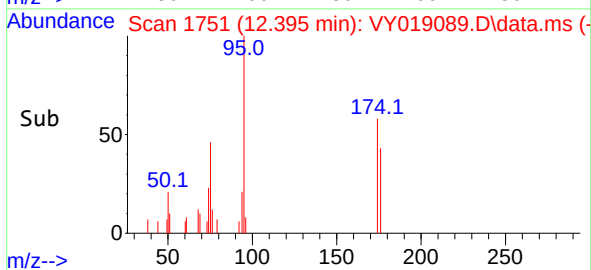
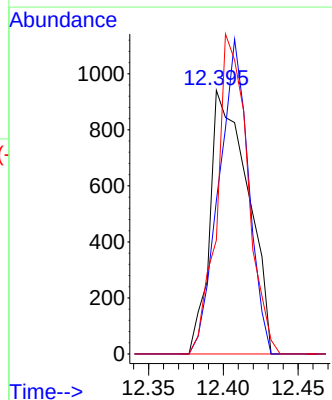
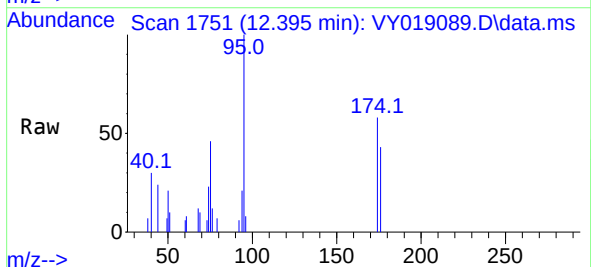
Instrument :
MSVOA_Y
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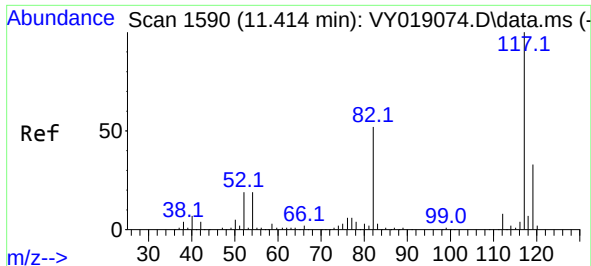
Tgt Ion: 98 Resp: 10252
Ion Ratio Lower Upper
98 100
100 60.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 20.163 ug/l
RT: 12.395 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

Tgt Ion: 95 Resp: 1655
Ion Ratio Lower Upper
95 100
174 93.5 0.0 175.6
176 98.2 0.0 171.4

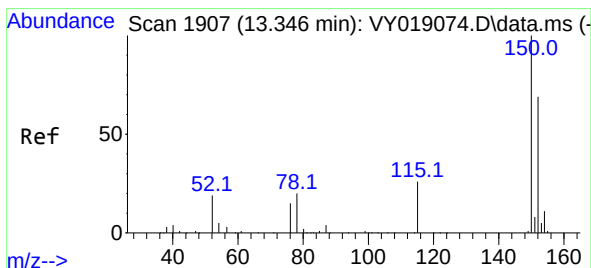
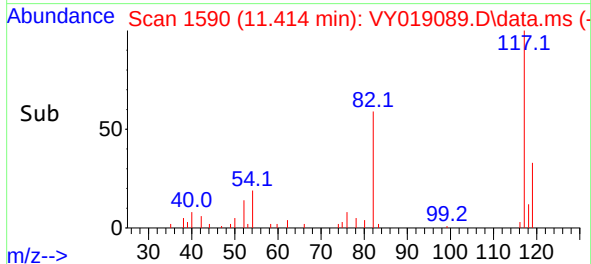
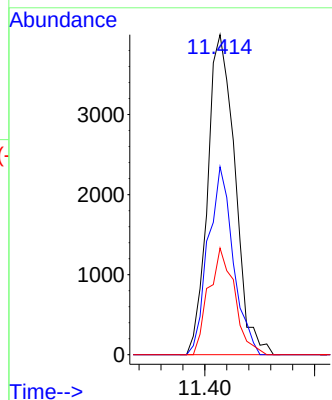
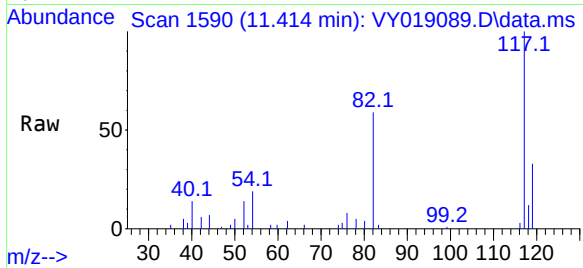




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-081424

Tgt Ion:	117	Resp:	6918
Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	33.3	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019089.D
Acq: 16 Aug 2024 13:22

Tgt Ion:	152	Resp:	1246
Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.2	84.7
150	153.1	0.0	345.6

