

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016880.D
 Acq On : 27 Dec 2023 16:10
 Operator : SY/MD
 Sample : 05879-13RE
 Misc : 2.47g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM10RE

Quant Time: Dec 28 03:46:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	44643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	84001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	77877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	26570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	23147	56.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.600%
35) Dibromofluoromethane	7.734	113	23885	49.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.191	98	82455	47.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.489	95	22164	39.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.760%

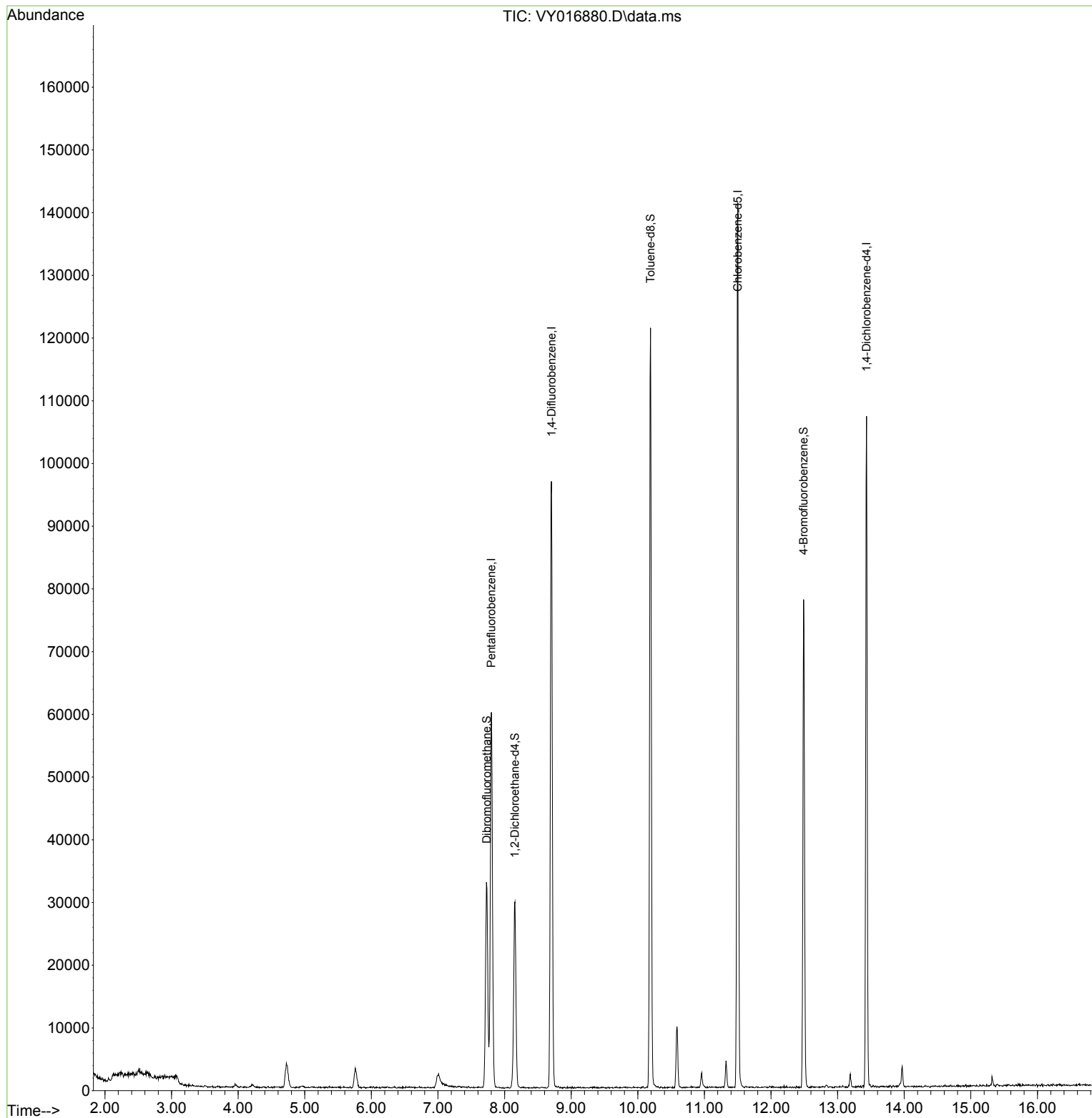
Target Compounds	Qvalue

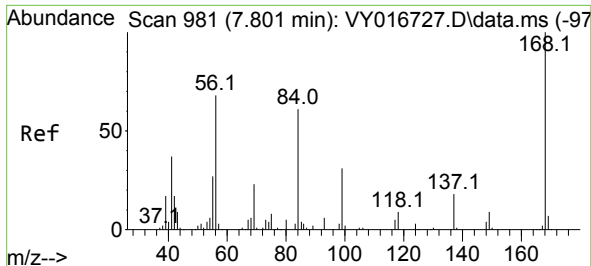
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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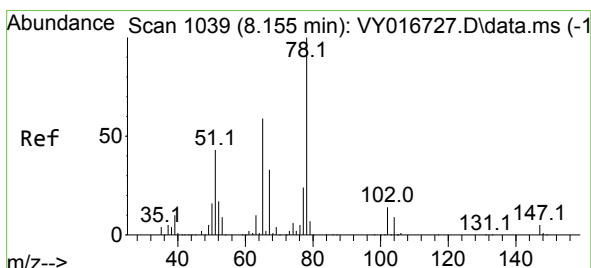
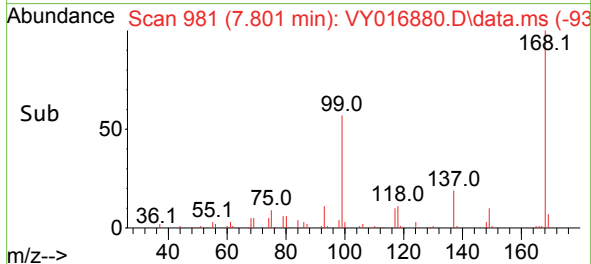
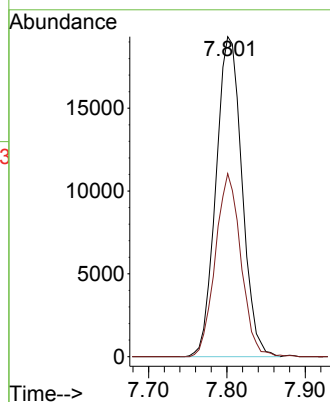
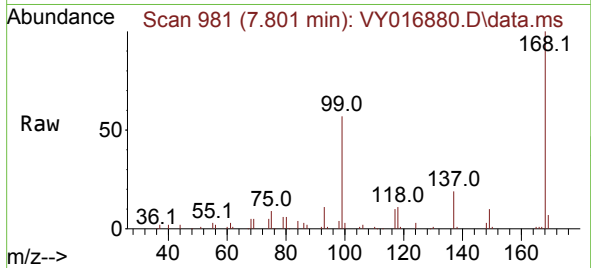




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

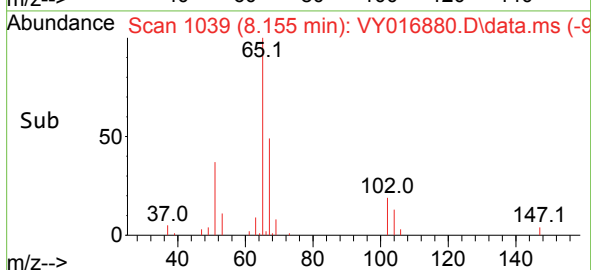
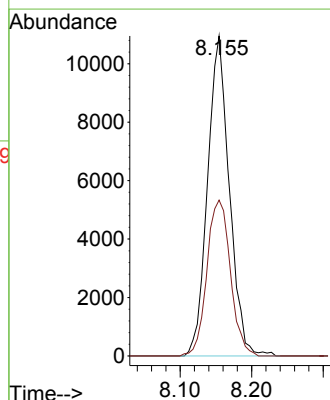
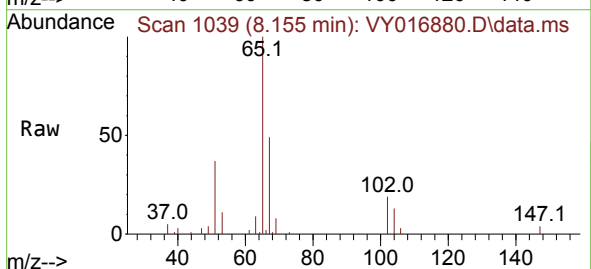
Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

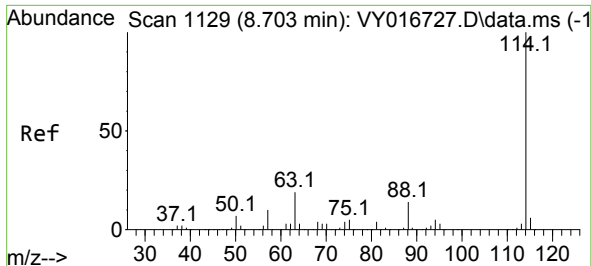
Tgt Ion:168 Resp: 44643
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.796 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion: 65 Resp: 23147
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.0

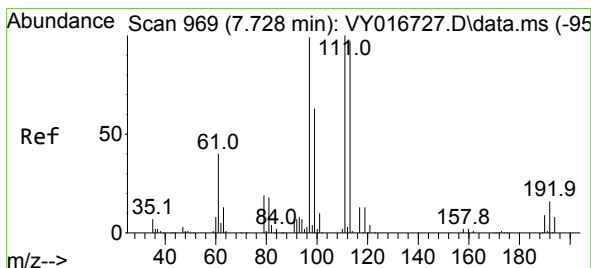
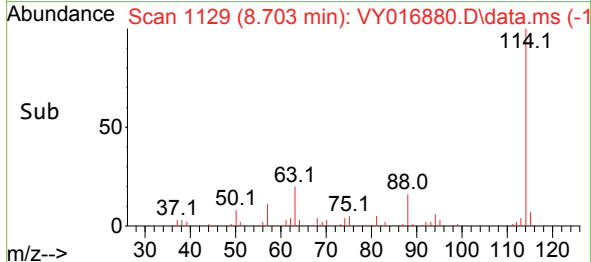
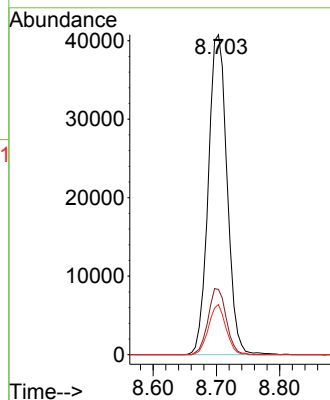
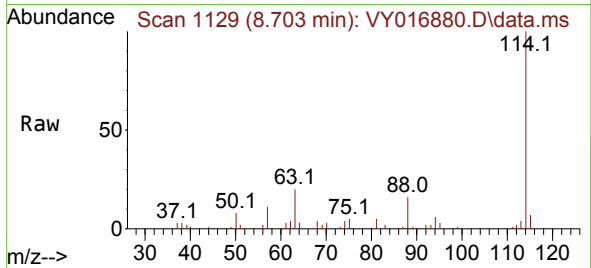




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016880.D
 Acq: 27 Dec 2023 16:10

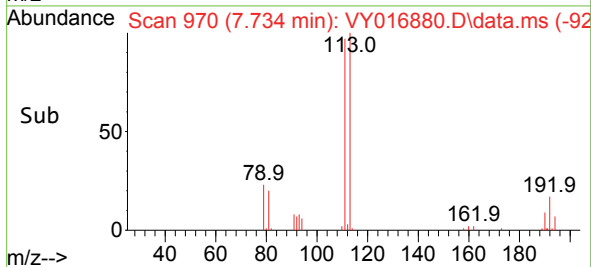
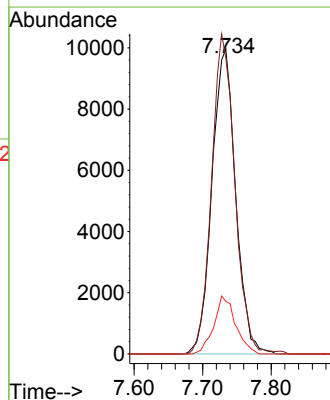
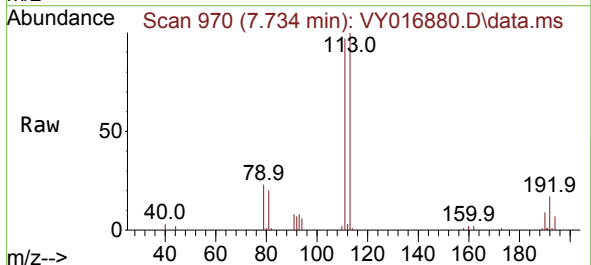
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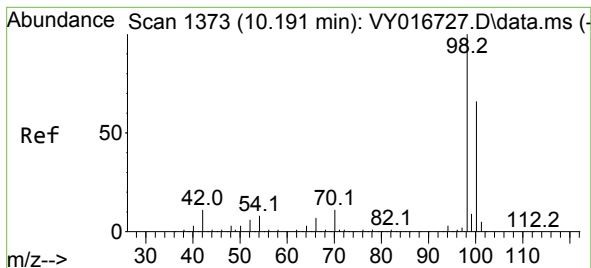
Tgt Ion:114 Resp: 84001
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 15.6 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 49.639 ug/l
 RT: 7.734 min Scan# 970
 Delta R.T. 0.006 min
 Lab File: VY016880.D
 Acq: 27 Dec 2023 16:10

Tgt Ion:113 Resp: 23885
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.8 125.6
 192 17.4 14.5 21.7

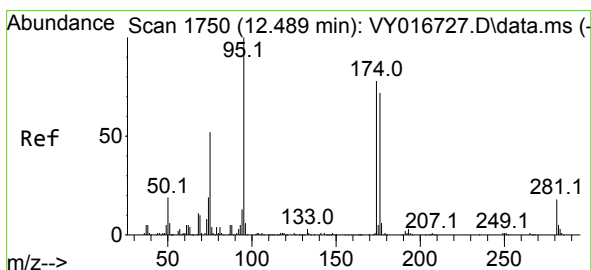
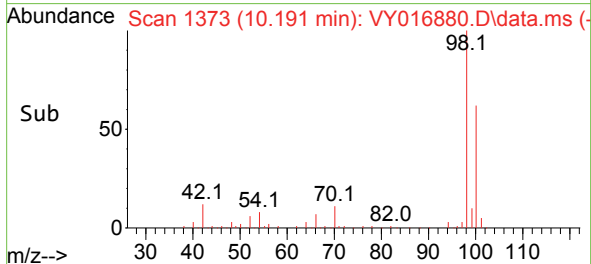
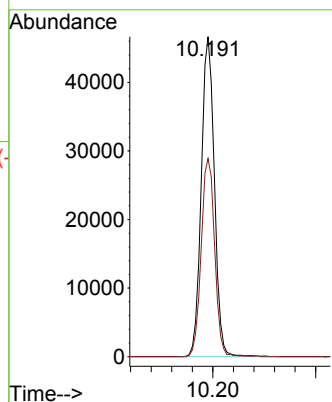
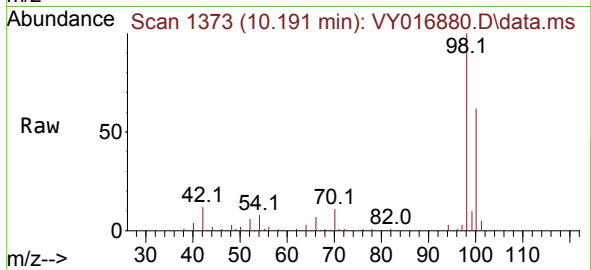




#50
Toluene-d8
Concen: 47.536 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

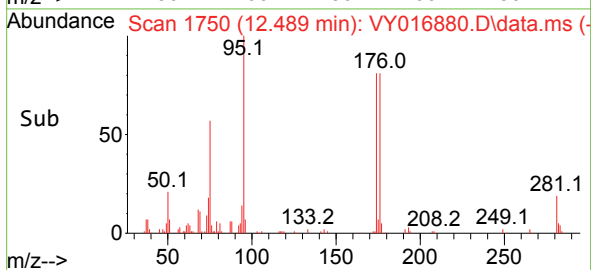
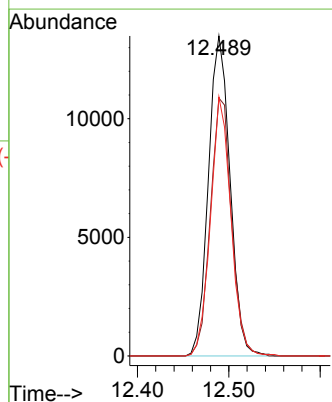
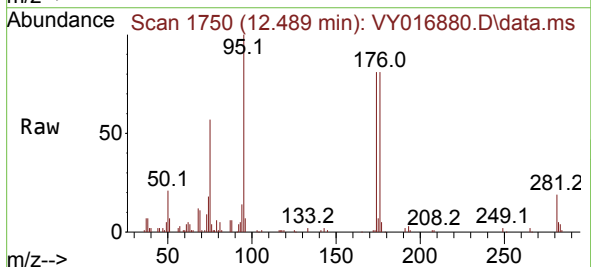
Instrument :
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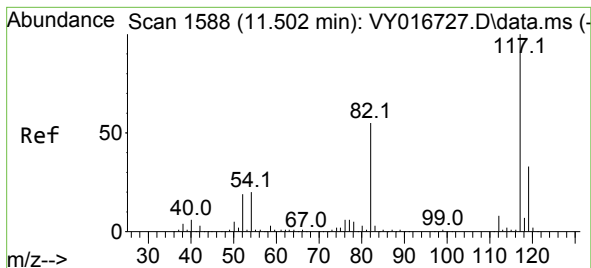
Tgt Ion: 98 Resp: 82455
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.385 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion: 95 Resp: 22164
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.4 0.0 151.8

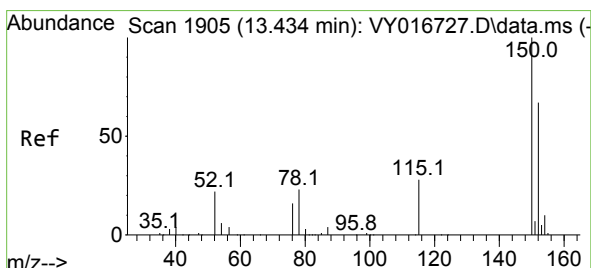
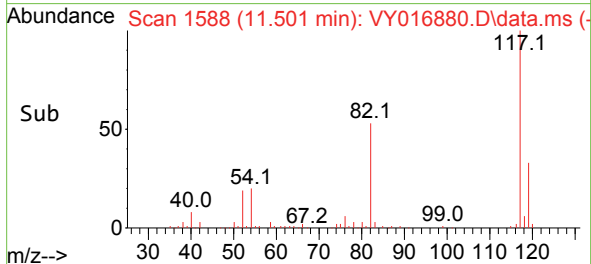
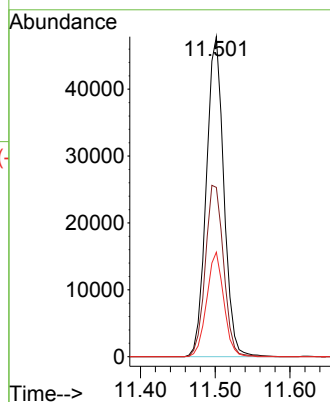
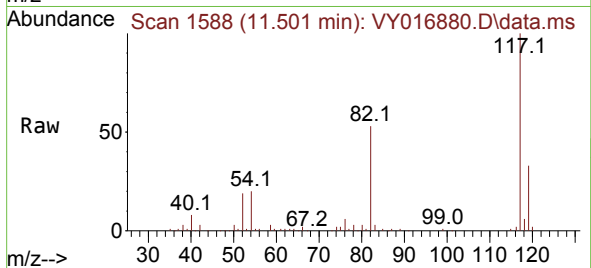




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Instrument :
MSVOA_Y
ClientSampleId :
COM10RE

Tgt Ion:117 Resp: 77877
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016880.D
Acq: 27 Dec 2023 16:10

Tgt Ion:152 Resp: 26570
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 154.5 0.0 344.6

