

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015471.D
 Acq On : 07 Sep 2023 16:54
 Operator : SY/MD
 Sample : 04336-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-BANK-A

Quant Time: Sep 07 23:10:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	237807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	334312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	144254	56.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.710	113	119023	53.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.173	98	445567	55.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.477	95	147619	49.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%

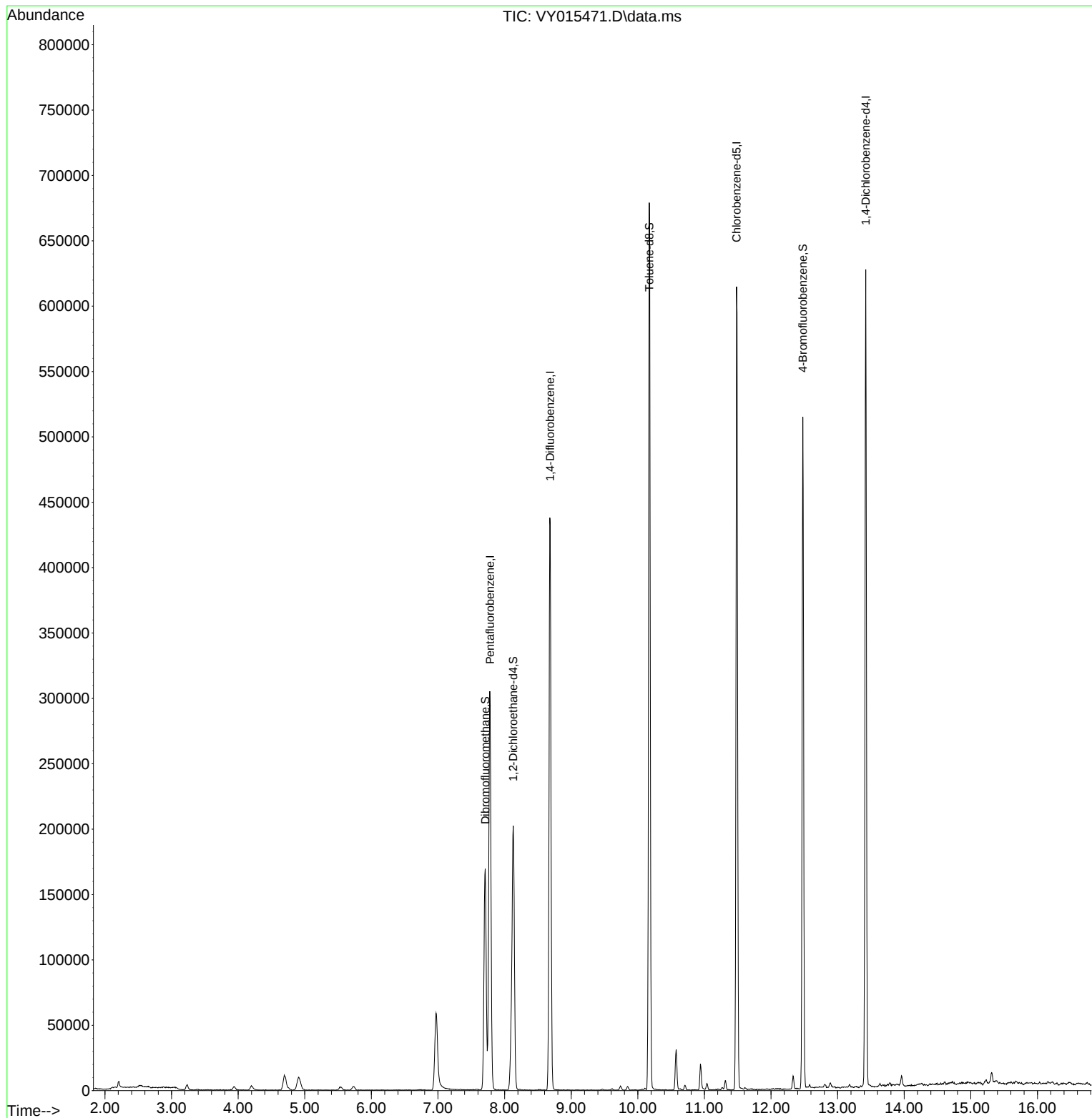
Target Compounds	Qvalue

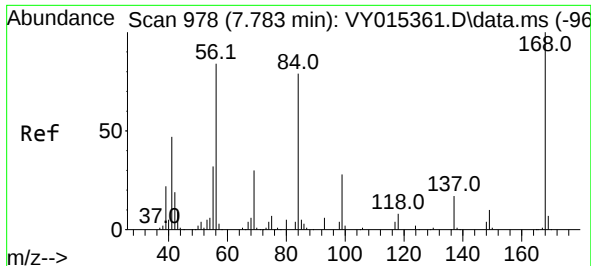
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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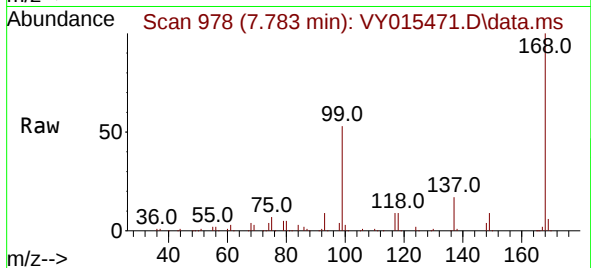
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Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



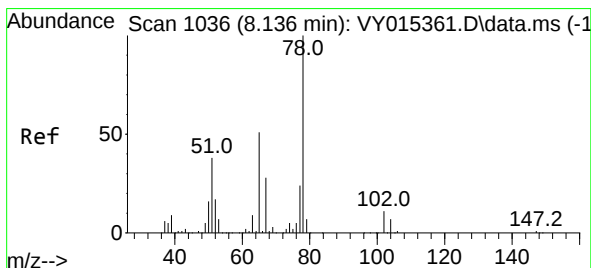
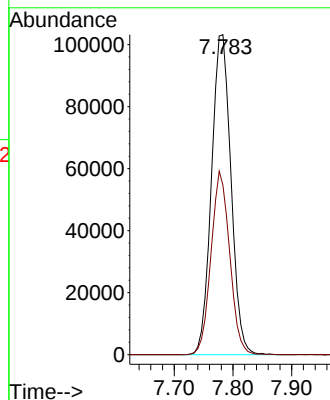
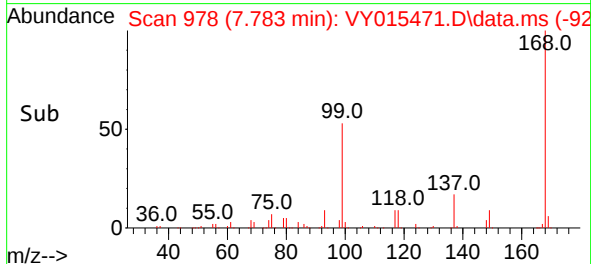


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015471.D
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Instrument :
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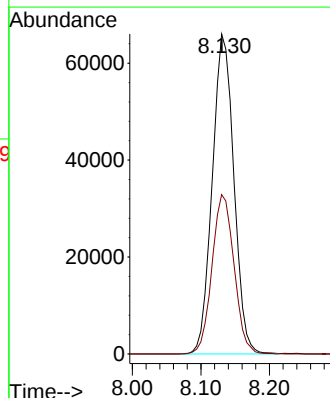
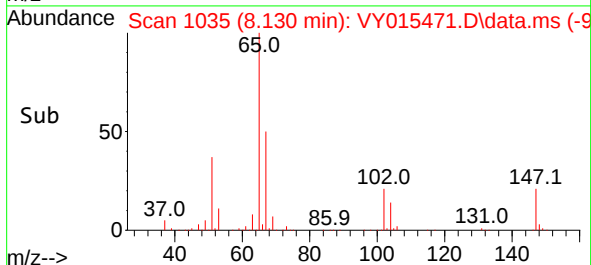
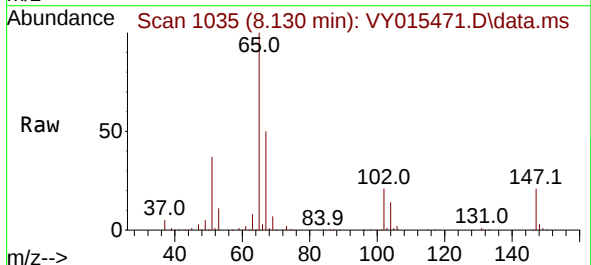


Tgt Ion:168 Resp: 237807
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.587 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 65 Resp: 144254
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

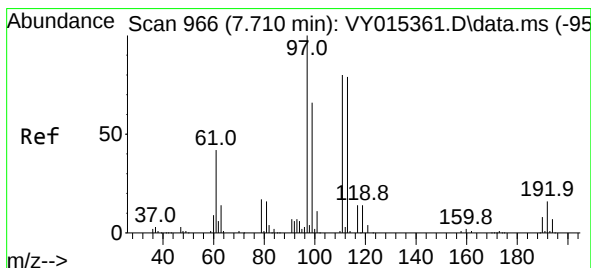
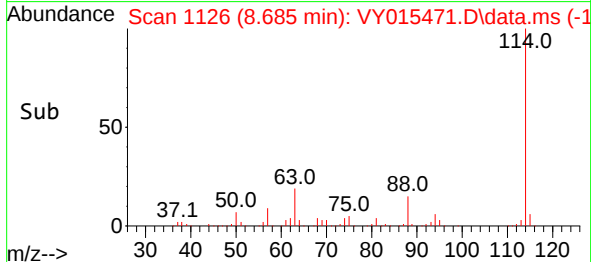
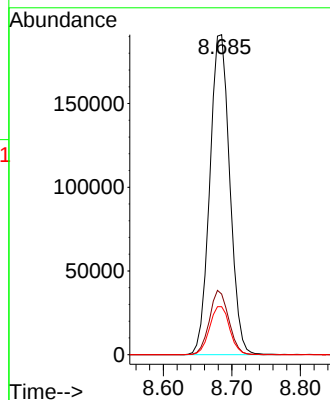
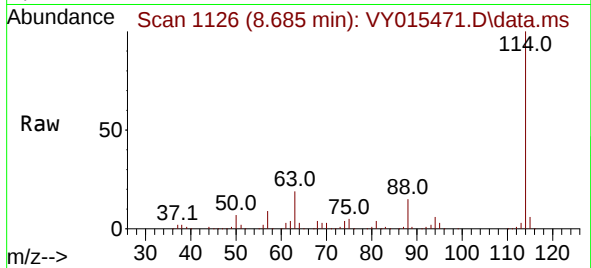




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

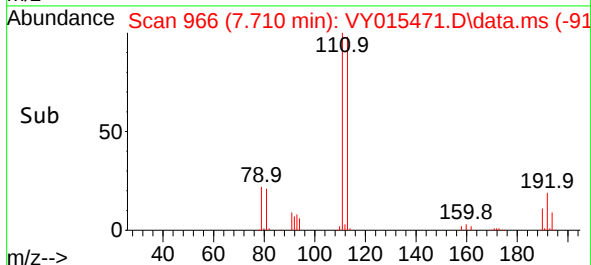
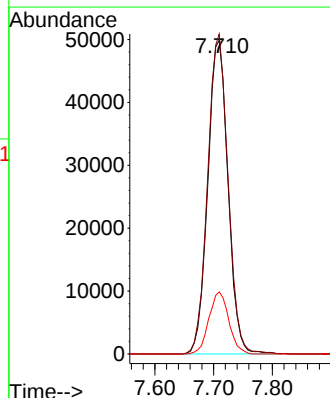
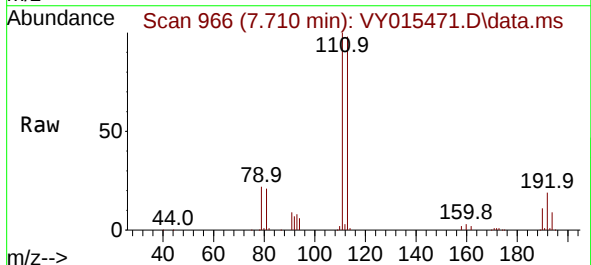
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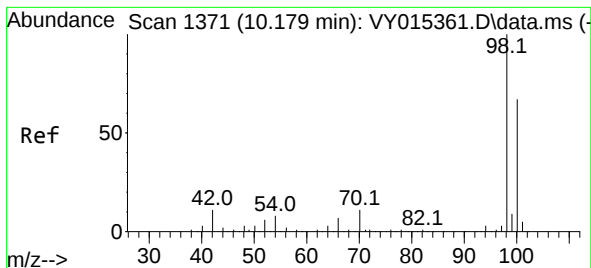
Tgt Ion:114 Resp: 386005
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion:113 Resp: 119023
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.5 16.9 25.3

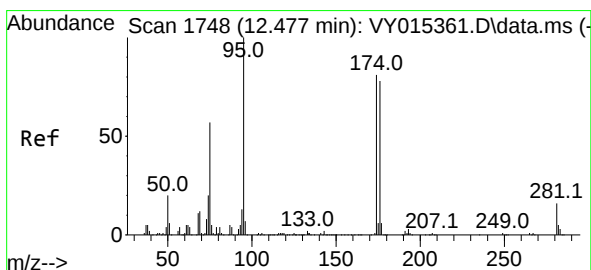
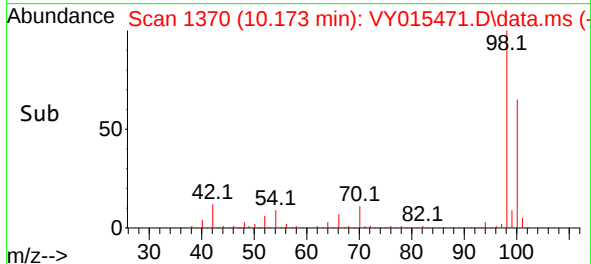
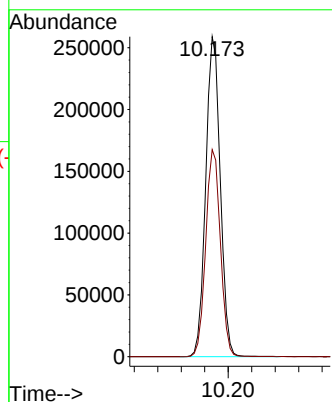
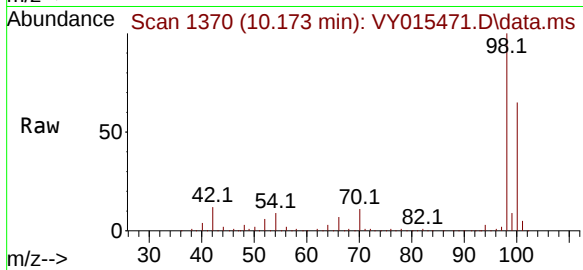




#50
Toluene-d8
Concen: 55.340 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

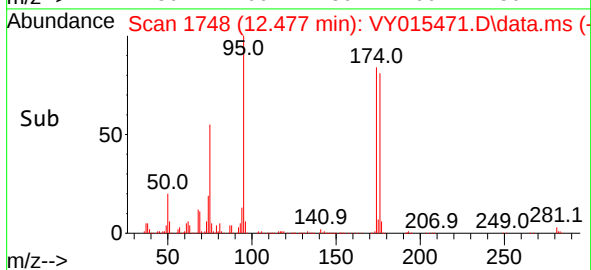
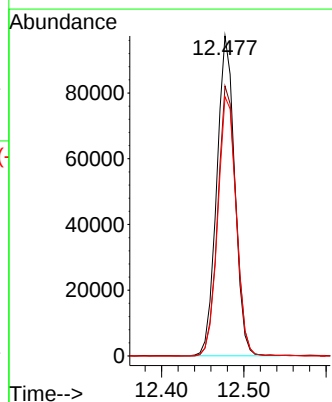
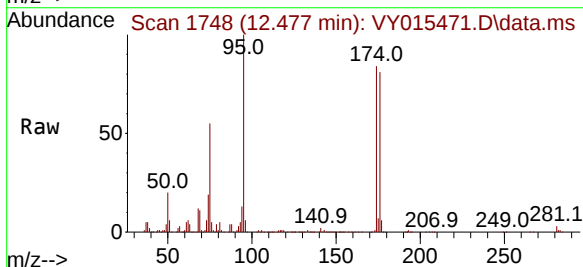
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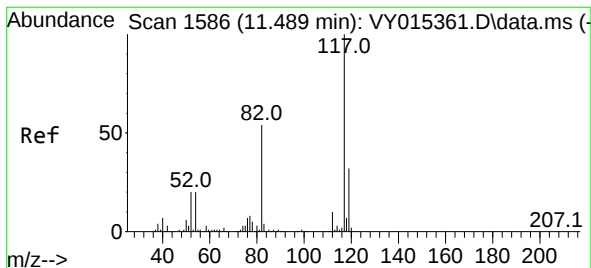
Tgt Ion: 98 Resp: 445567
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.388 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion: 95 Resp: 147619
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.1 0.0 173.8

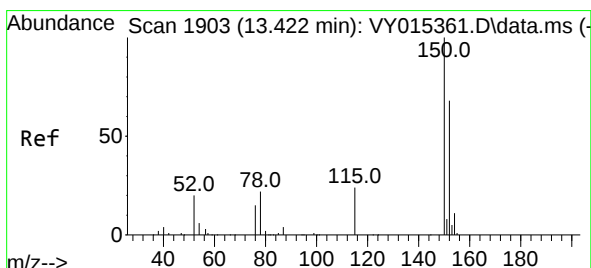
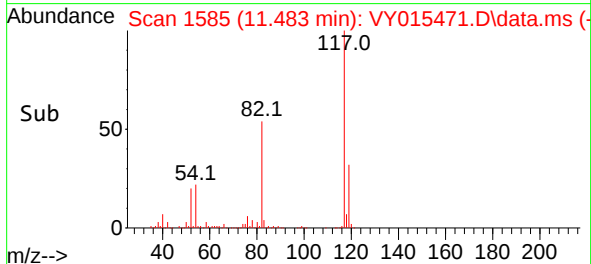
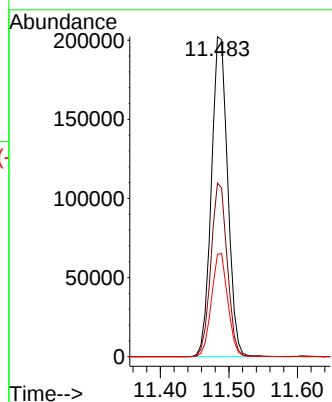
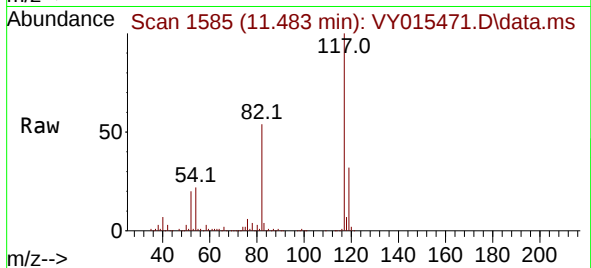




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-A

Tgt Ion:117 Resp: 334312
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015471.D
Acq: 07 Sep 2023 16:54

Tgt Ion:152 Resp: 155492
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 157.3 0.0 348.8

