

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022413.D
 Acq On : 23 May 2025 18:01
 Operator : SY/MD
 Sample : Q2100-03
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21

Quant Time: May 23 23:23:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	340717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	608366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	471350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	165102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	181573	48.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.640	113	181713	50.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.109	98	712382	47.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.408	95	175882	37.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.620%

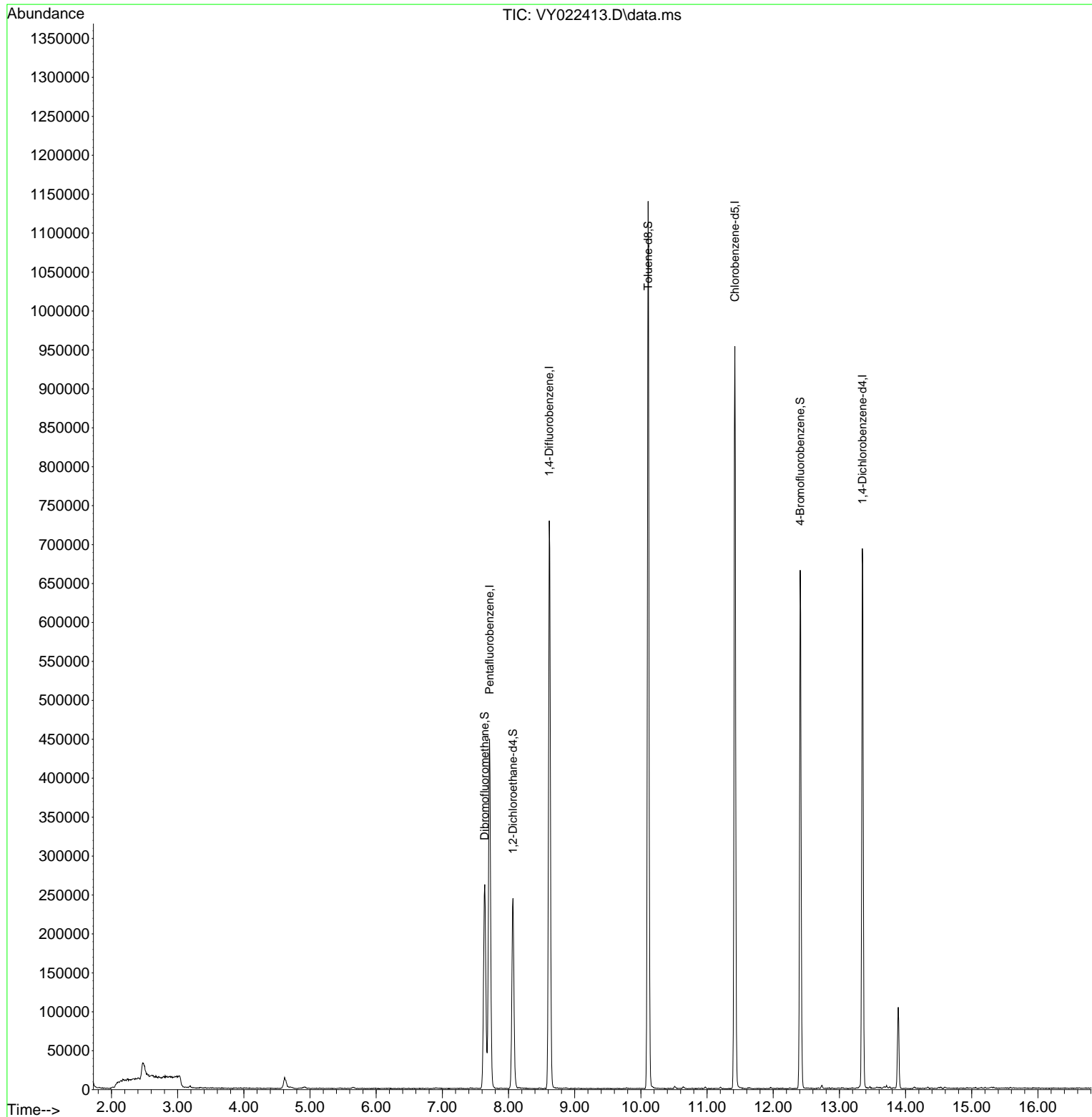
Target Compounds Qvalue

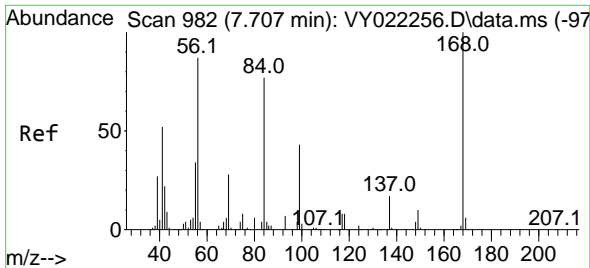
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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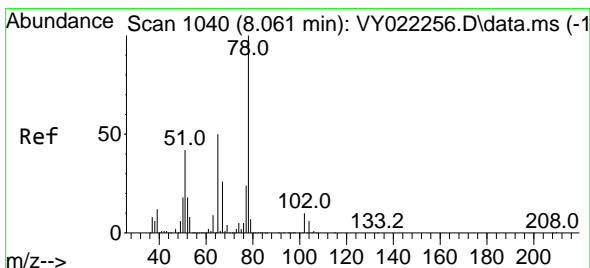
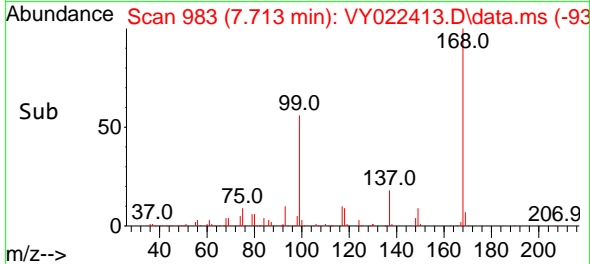
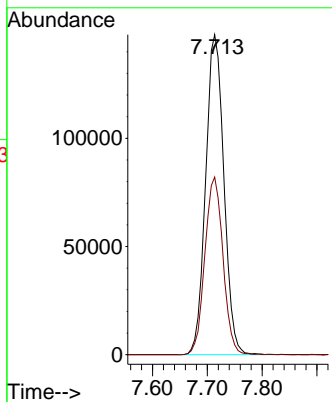
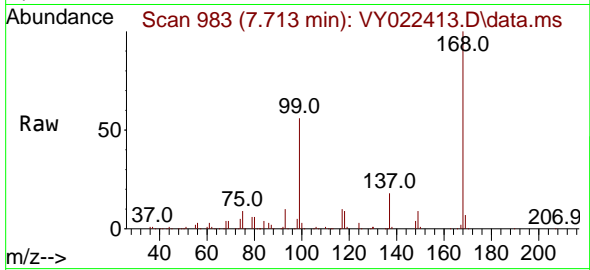




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.713 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

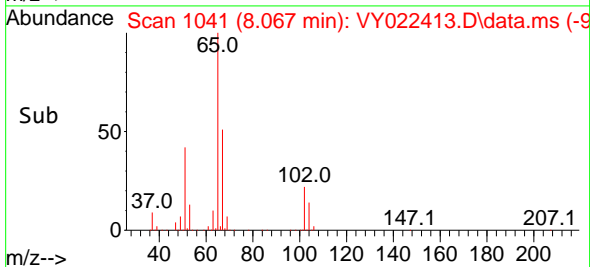
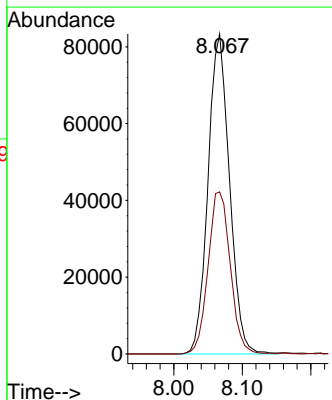
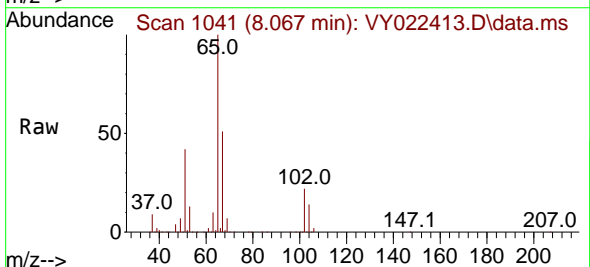
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21

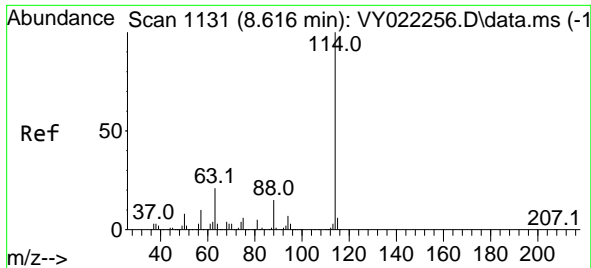
Tgt Ion:168 Resp: 340717
 Ion Ratio Lower Upper
 168 100
 99 55.5 44.2 66.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.761 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

Tgt Ion: 65 Resp: 181573
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6

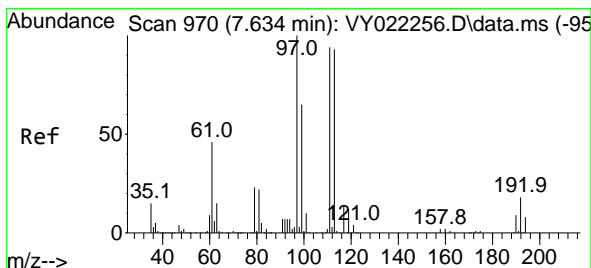
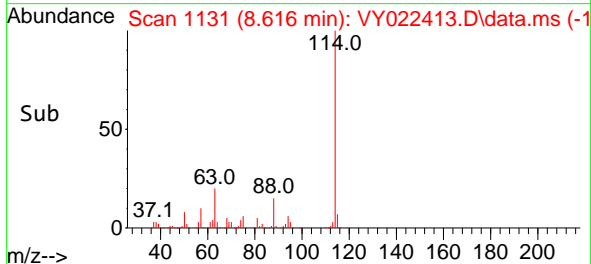
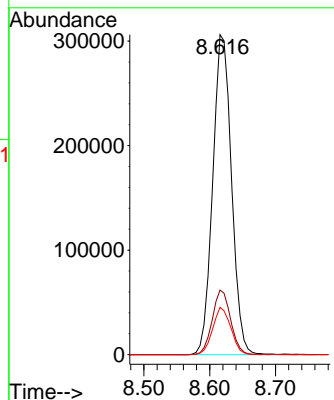
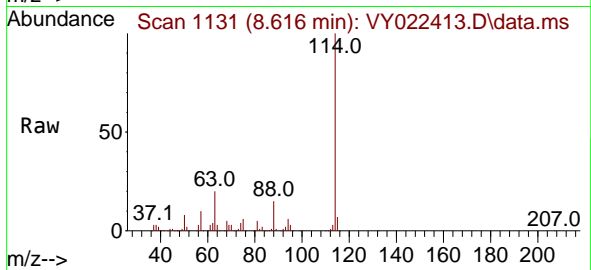




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

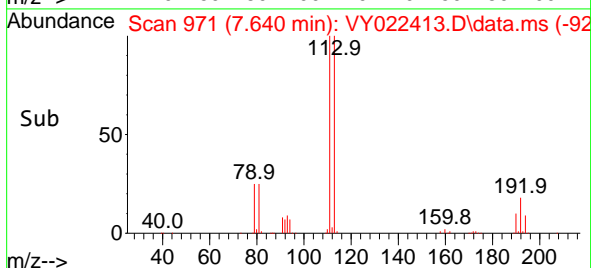
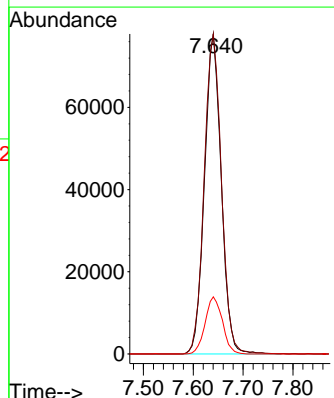
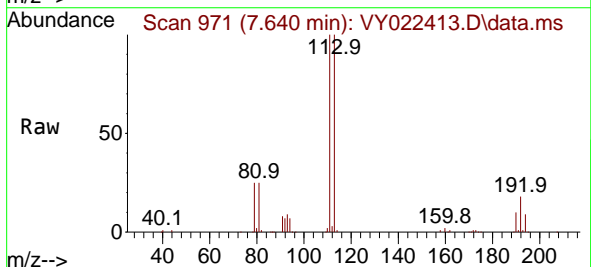
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21

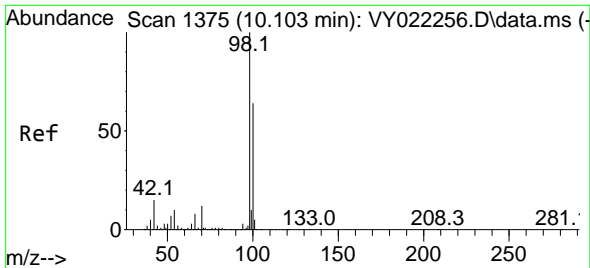
Tgt Ion:114 Resp: 608366
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.0
 88 14.8 0.0 29.4



#35
 Dibromofluoromethane
 Concen: 50.044 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

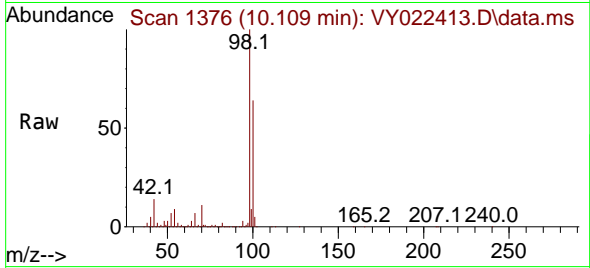
Tgt Ion:113 Resp: 181713
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 18.4 15.2 22.8



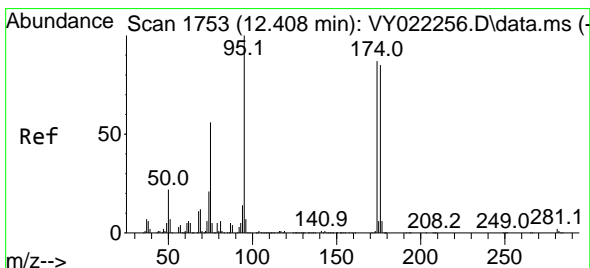
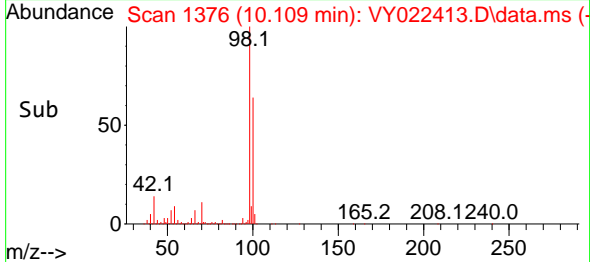
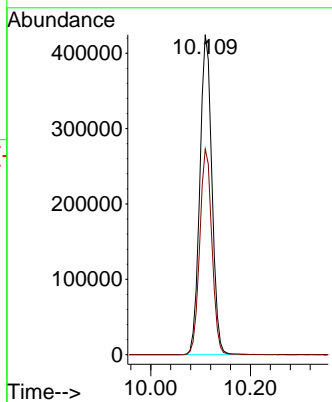


#50
 Toluene-d8
 Concen: 47.903 ug/l
 RT: 10.109 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21

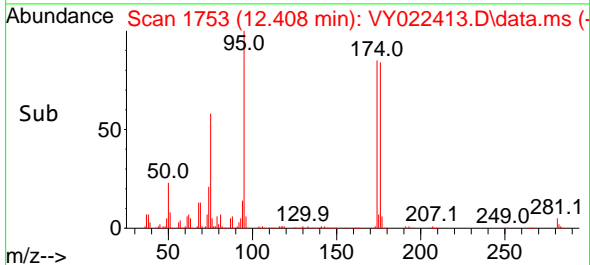
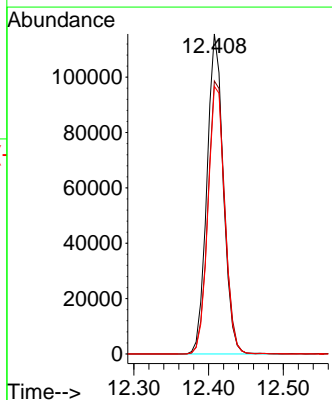
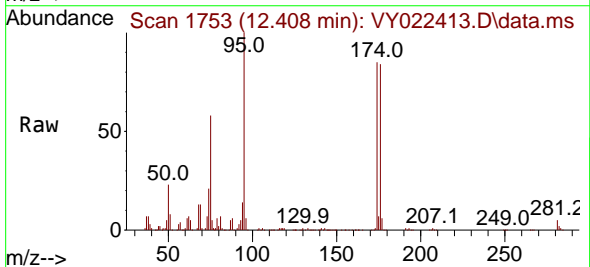


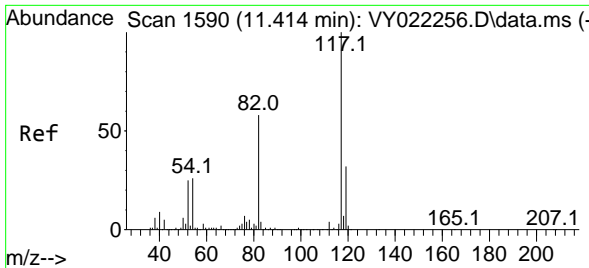
Tgt Ion: 98 Resp: 712382
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8



#62
 4-Bromofluorobenzene
 Concen: 37.313 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

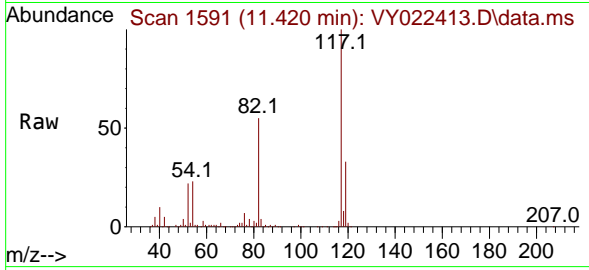
Tgt Ion: 95 Resp: 175882
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 166.8
 176 85.5 0.0 160.8





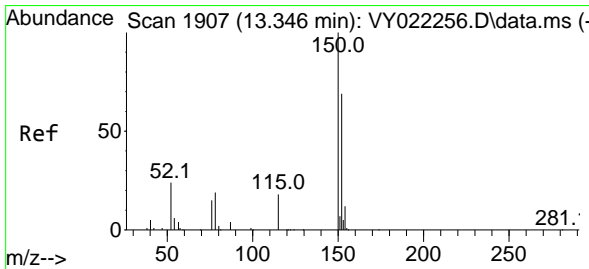
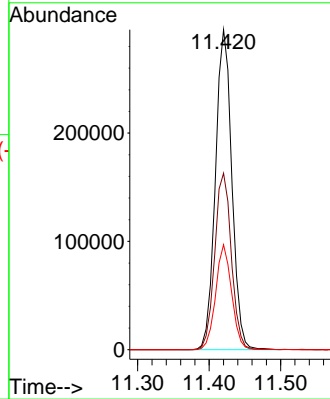
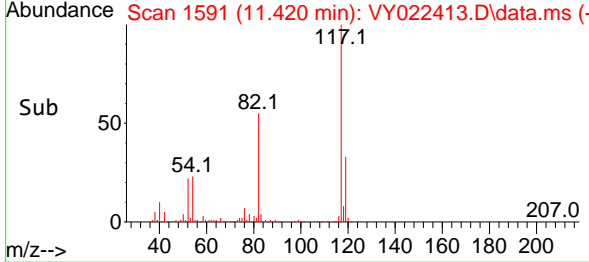
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.420 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01

Instrument : MSVOA_Y
 ClientSampleId : TP-21

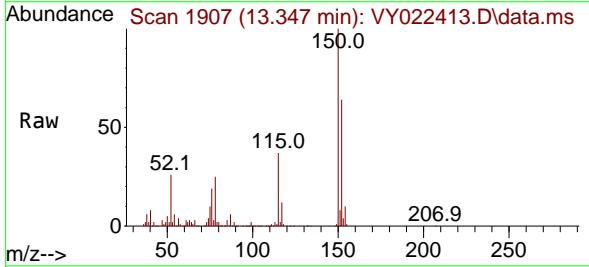


Tgt Ion:117 Resp: 471350

Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.6	70.0
119	32.8	25.8	38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022413.D
 Acq: 23 May 2025 18:01



Tgt Ion:152 Resp: 165102

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.2
150	159.9	0.0	353.8

