

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021538.D
 Acq On : 14 Mar 2025 14:37
 Operator : SY/MD
 Sample : Q1547-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-620-JB-COMP-02

Quant Time: Mar 14 16:07:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	2380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	4415	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	3046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2722	108.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 216.420%#	
35) Dibromofluoromethane	7.628	113	1793	61.784	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.560%	
50) Toluene-d8	10.109	98	5313	48.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.700%	
62) 4-Bromofluorobenzene	12.408	95	606	16.213	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 32.420%	

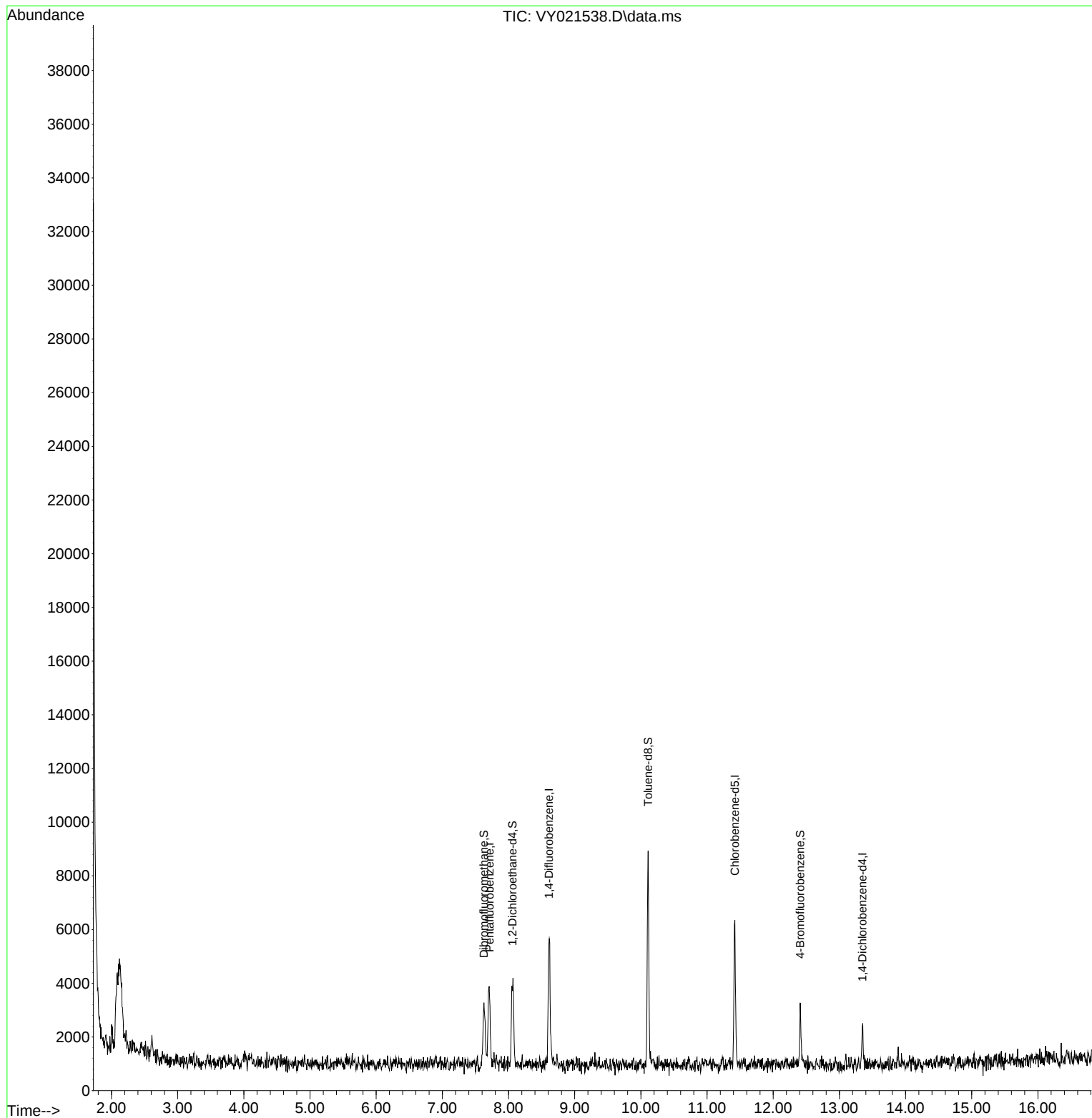
Target Compounds	Qvalue

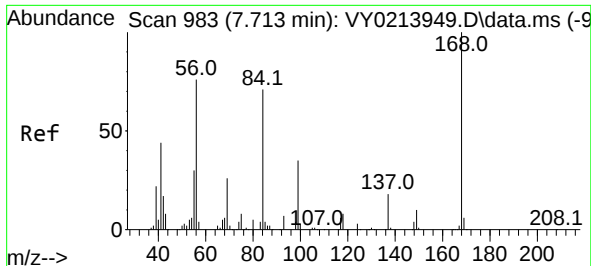
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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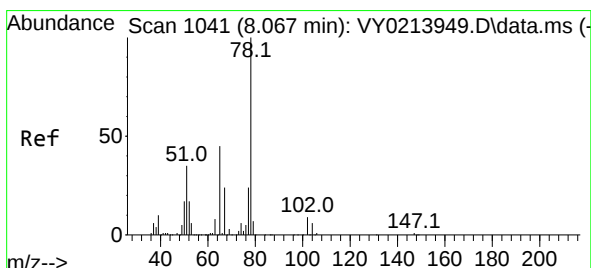
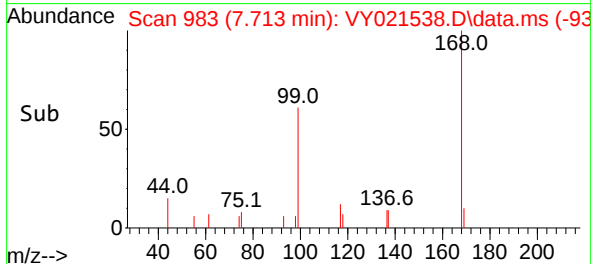
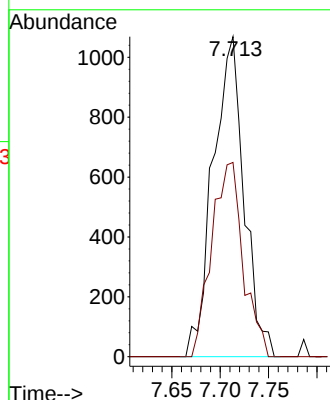
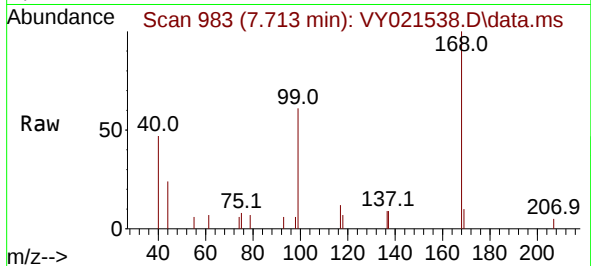




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021538.D
Acq: 14 Mar 2025 14:37

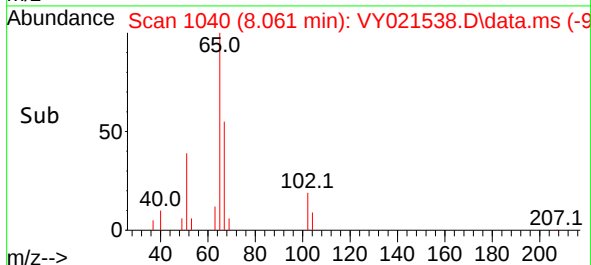
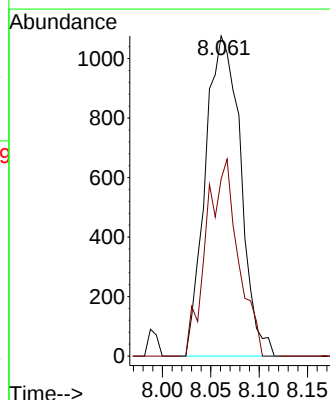
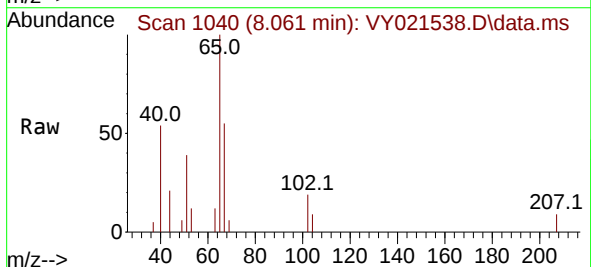
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-COMP-02

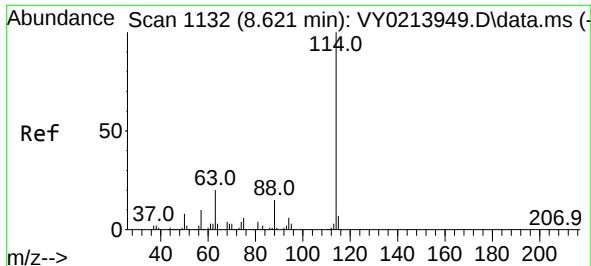
Tgt Ion:168 Resp: 2380
Ion Ratio Lower Upper
168 100
99 60.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 108.208 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021538.D
Acq: 14 Mar 2025 14:37

Tgt Ion: 65 Resp: 2722
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021538.D

Acq: 14 Mar 2025 14:37

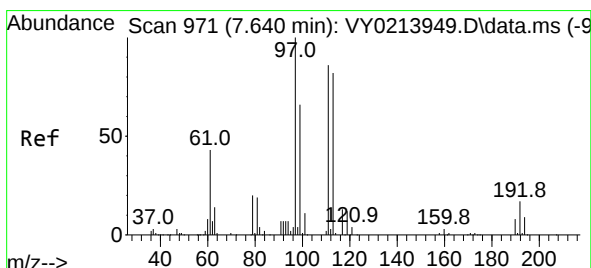
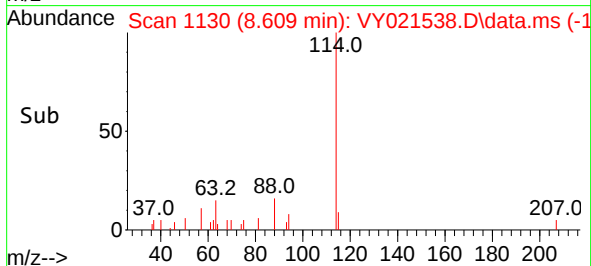
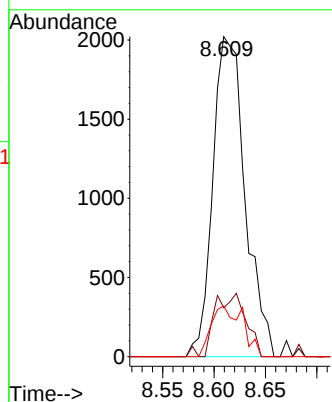
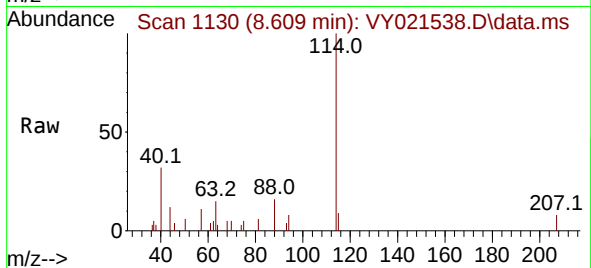
Instrument :

MSVOA_Y

ClientSampleId :

OR-620-JB-COMP-02

Tgt Ion:114	Resp:	4415
Ion	Ratio	Lower Upper
114	100	
63	15.3	0.0 40.8
88	15.8	0.0 30.8



#35

Dibromofluoromethane

Concen: 61.784 ug/l

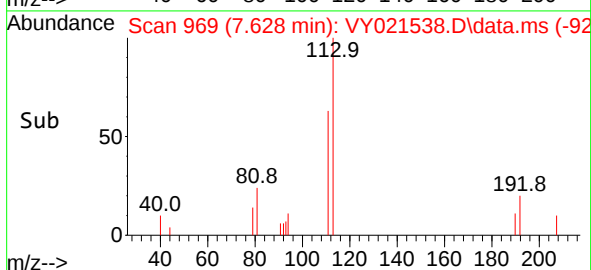
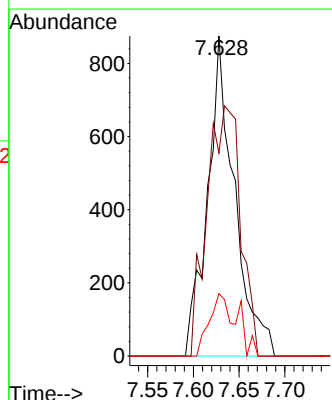
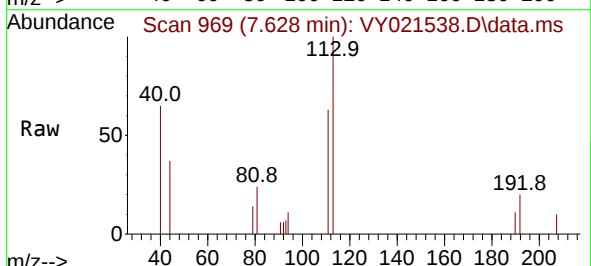
RT: 7.628 min Scan# 969

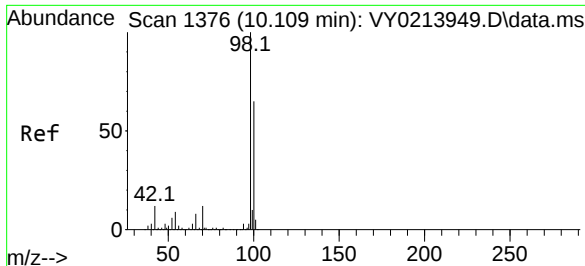
Delta R.T. -0.012 min

Lab File: VY021538.D

Acq: 14 Mar 2025 14:37

Tgt Ion:113	Resp:	1793
Ion	Ratio	Lower Upper
113	100	
111	97.7	82.0 123.0
192	19.9	15.9 23.9

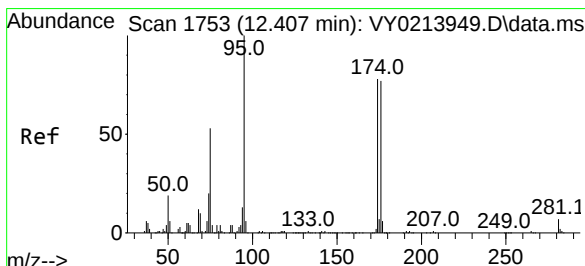
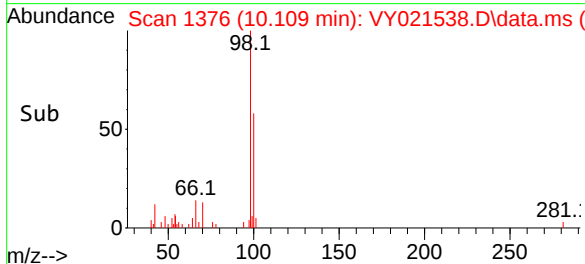
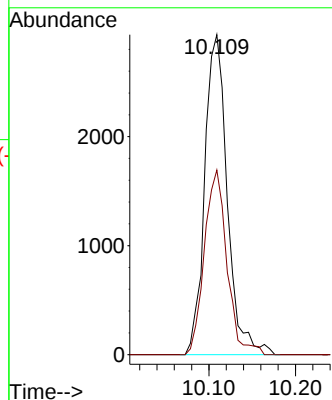
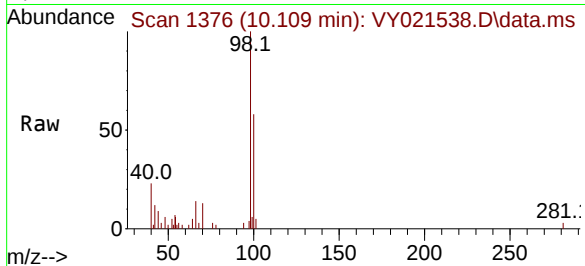




#50
Toluene-d8
Concen: 48.352 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021538.D
Acq: 14 Mar 2025 14:37

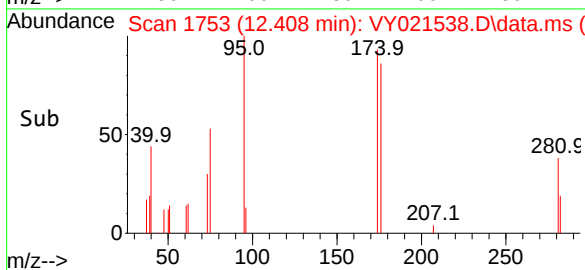
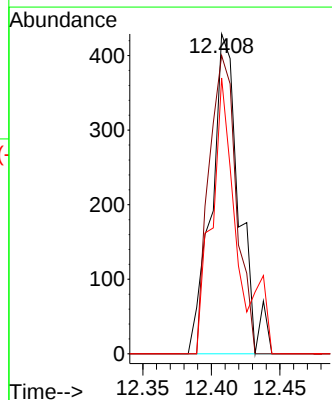
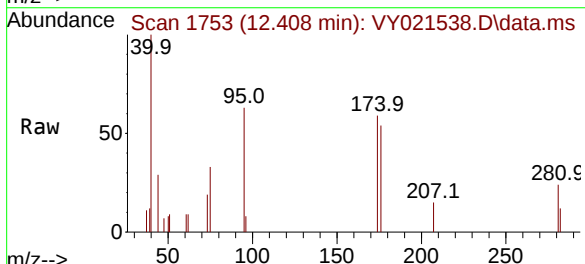
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-COMP-02

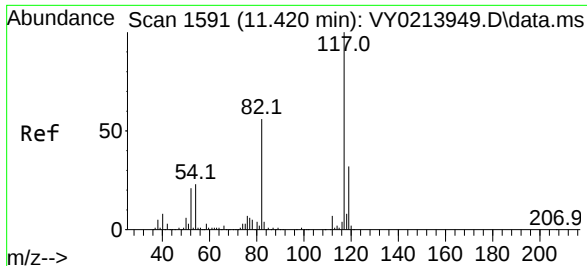
Tgt Ion: 98 Resp: 5313
Ion Ratio Lower Upper
98 100
100 57.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 16.213 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021538.D
Acq: 14 Mar 2025 14:37

Tgt Ion: 95 Resp: 606
Ion Ratio Lower Upper
95 100
174 91.9 0.0 165.0
176 79.2 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021538.D

Acq: 14 Mar 2025 14:37

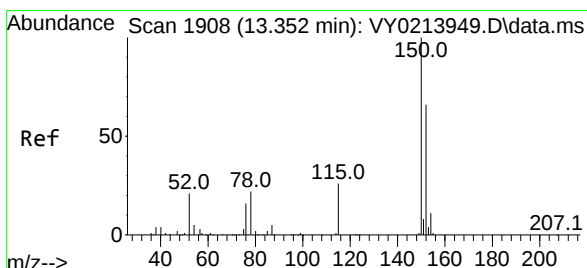
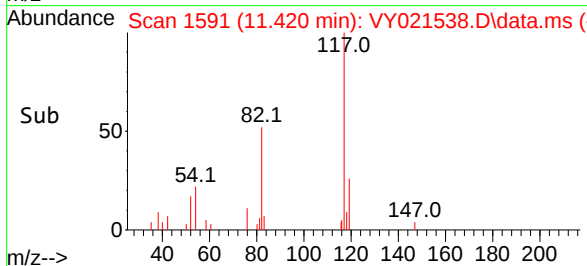
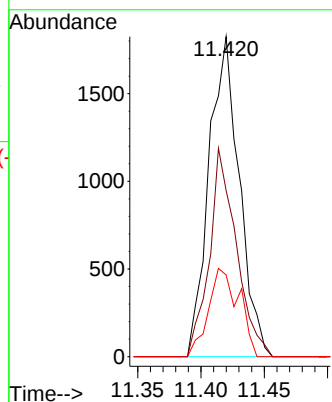
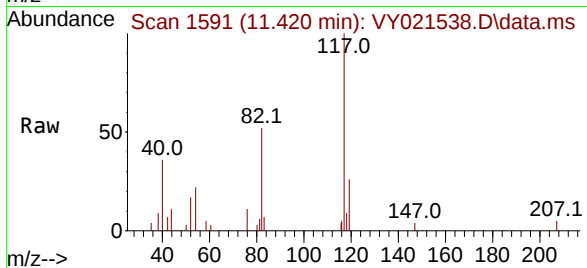
Instrument :

MSVOA_Y

ClientSampleId :

OR-620-JB-COMP-02

Tgt Ion:117	Resp:	3046
Ion Ratio	Lower	Upper
117	100	
82	51.9	44.6 67.0
119	25.5	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021538.D

Acq: 14 Mar 2025 14:37

Tgt Ion:152	Resp:	373
Ion Ratio	Lower	Upper
152	100	
115	71.0	29.0 87.0
150	167.0	0.0 347.2

