

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021540.D
 Acq On : 14 Mar 2025 15:24
 Operator : SY/MD
 Sample : Q1547-06RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 14 16:13:57 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	1553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	2576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1001	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	228	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1539	93.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	187.520%#
35) Dibromofluoromethane	7.628	113	937	55.338	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.680%
50) Toluene-d8	10.103	98	2104	32.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.640%
62) 4-Bromofluorobenzene	12.408	95	224	10.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.540%#

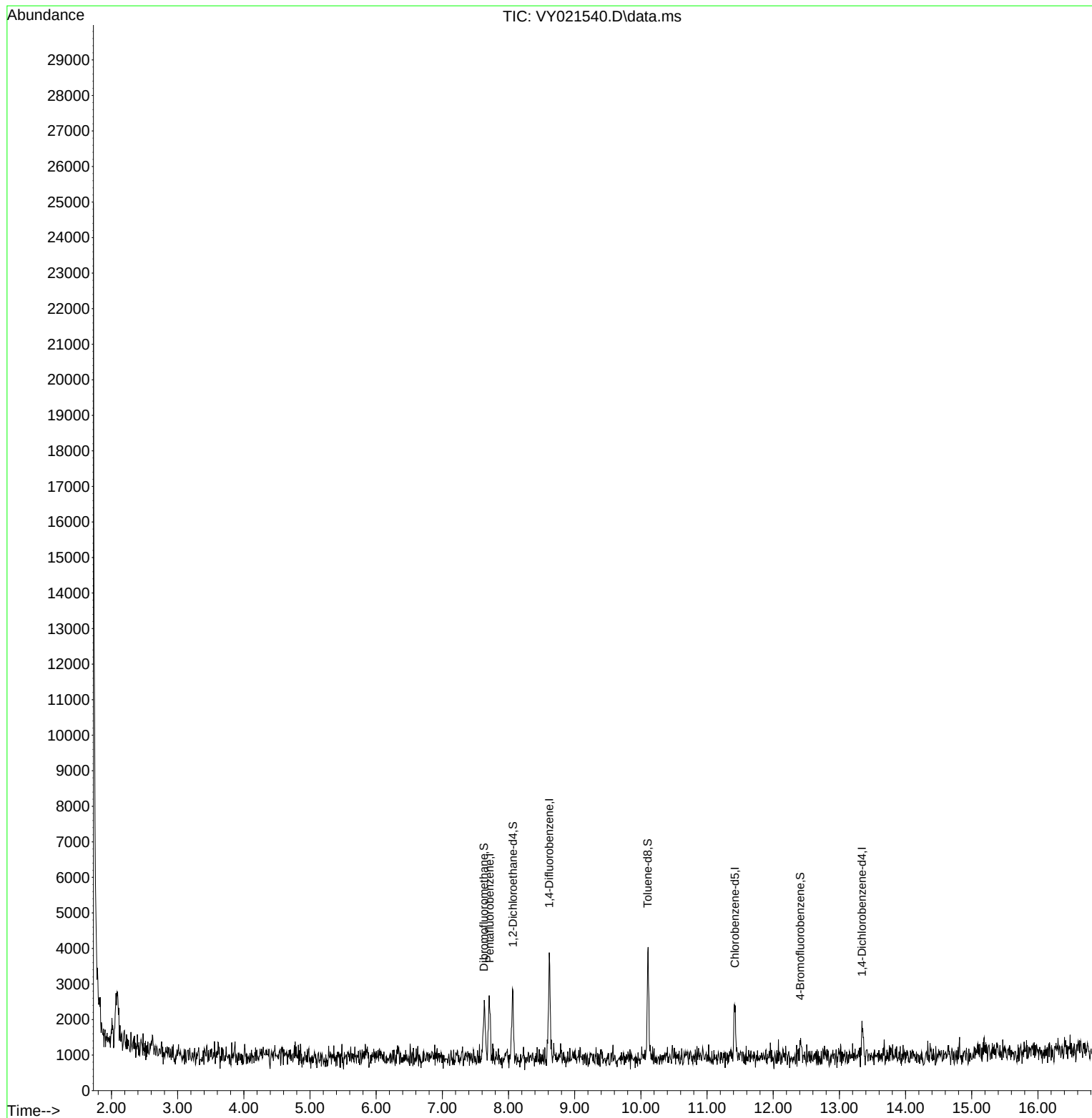
Target Compounds	Qvalue

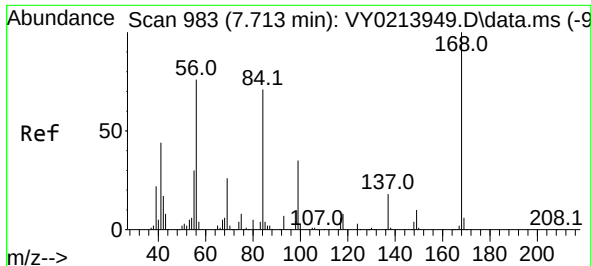
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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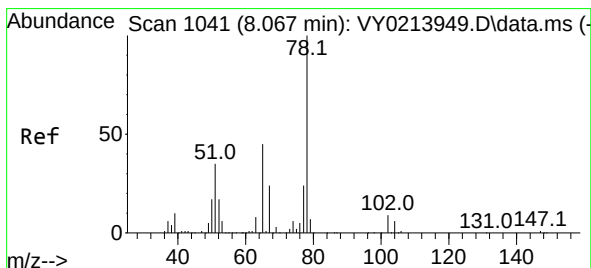
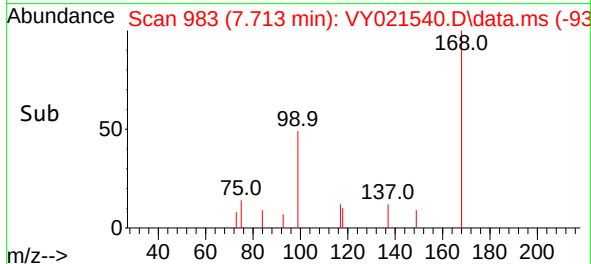
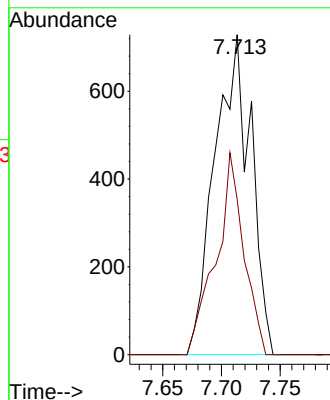
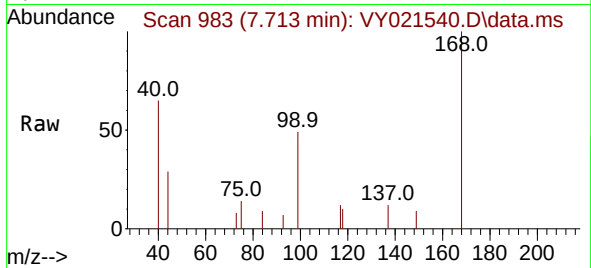




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

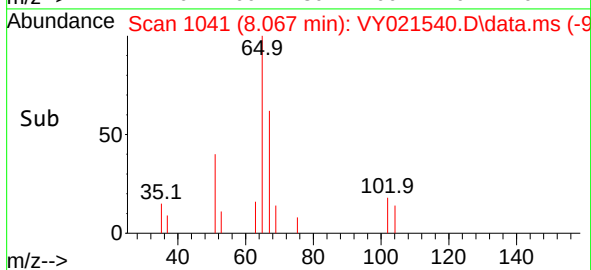
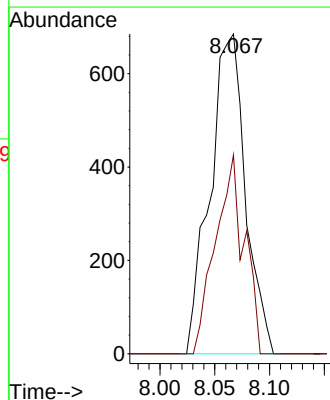
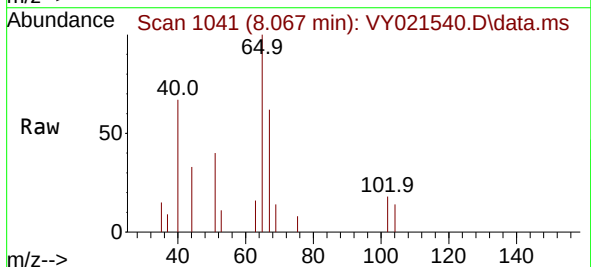
Instrument :
MSVOA_Y
ClientSampleId :
OR-620-JB-COMP-02RE

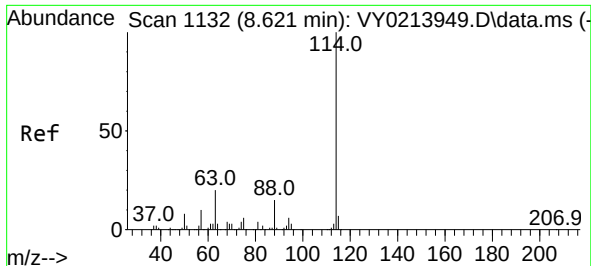
Tgt Ion:168 Resp: 1553
Ion Ratio Lower Upper
168 100
99 48.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 93.760 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

Tgt Ion: 65 Resp: 1539
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.8

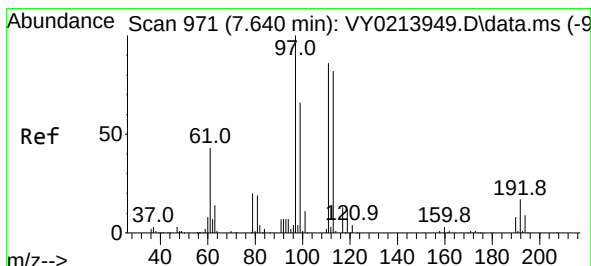
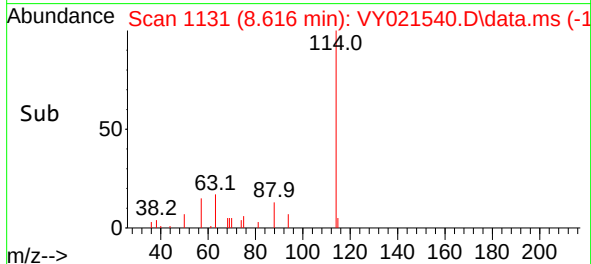
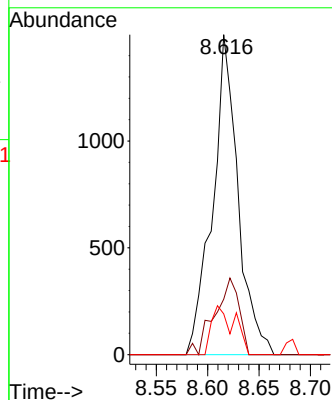
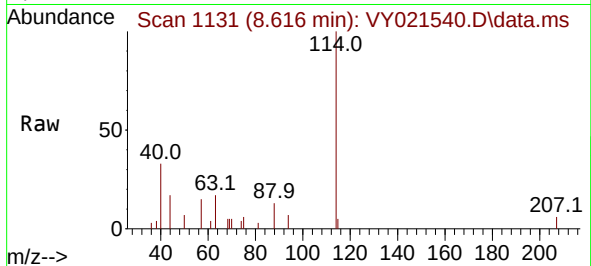




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

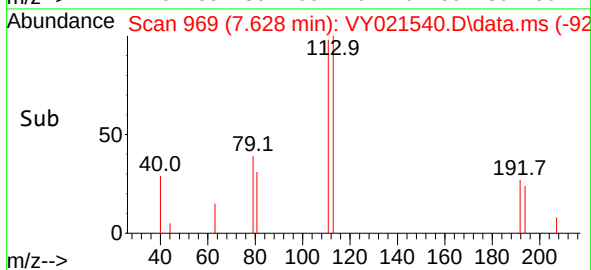
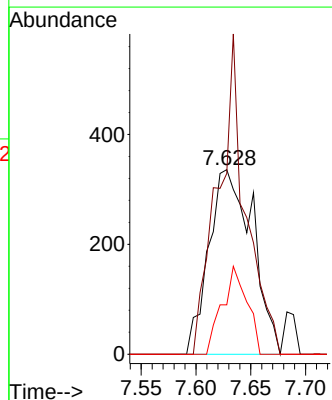
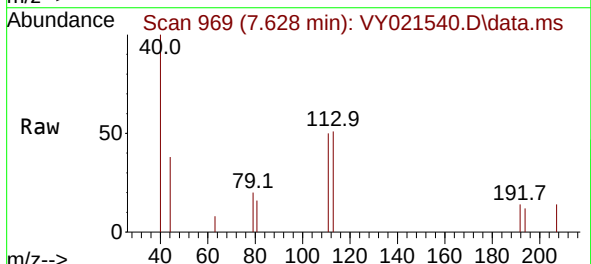
Instrument :
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ClientSampleId :
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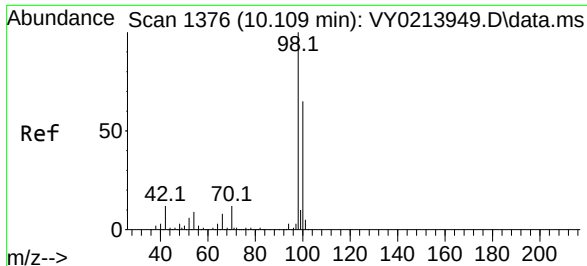
Tgt Ion:114	Resp:	2576
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 40.8
88	12.8	0.0 30.8



#35
Dibromofluoromethane
Concen: 55.338 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

Tgt Ion:113	Resp:	937
Ion Ratio	Lower	Upper
113	100	
111	109.5	82.0 123.0
192	26.9	15.9 23.9

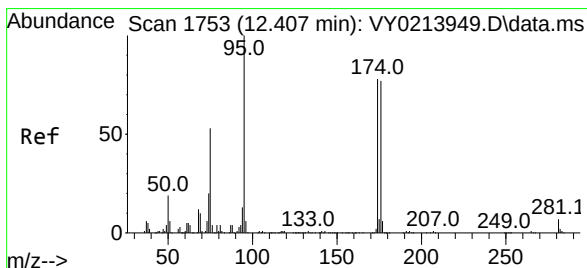
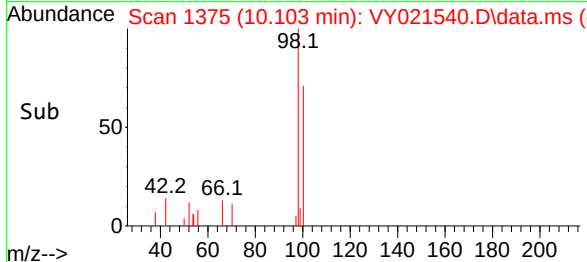
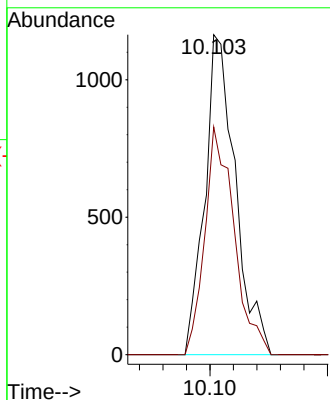
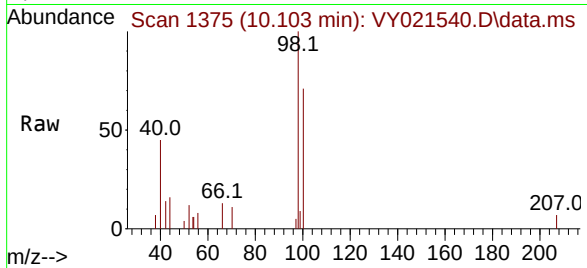




#50
Toluene-d8
Concen: 32.818 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

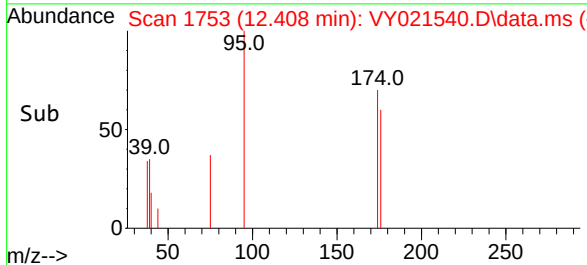
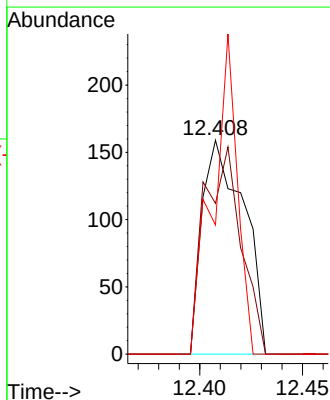
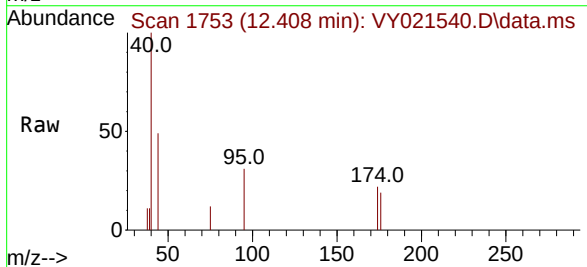
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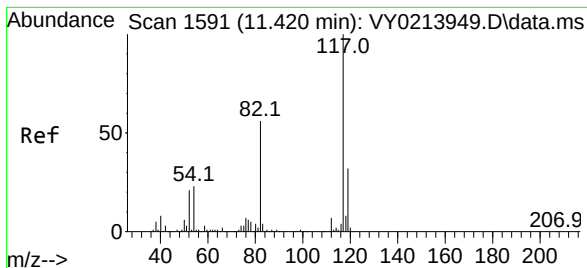
Tgt Ion: 98 Resp: 2104
Ion Ratio Lower Upper
98 100
100 68.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 10.271 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021540.D
Acq: 14 Mar 2025 15:24

Tgt Ion: 95 Resp: 224
Ion Ratio Lower Upper
95 100
174 85.3 0.0 165.0
176 88.4 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: VY021540.D

Acq: 14 Mar 2025 15:24

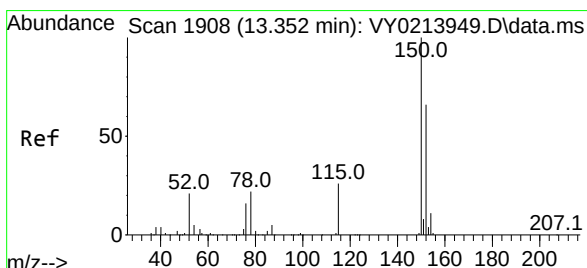
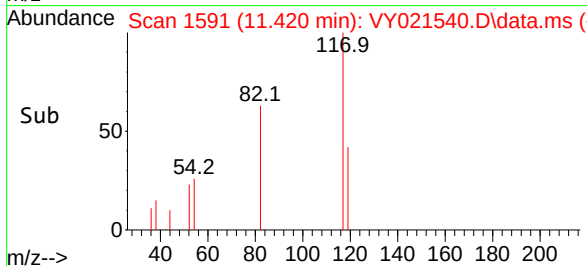
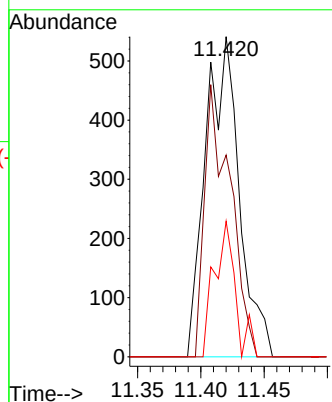
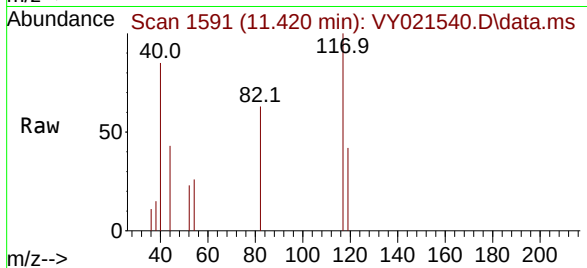
Instrument :

MSVOA_Y

ClientSampleId :

OR-620-JB-COMP-02RE

Tgt Ion:117	Resp:	1001
Ion Ratio	Lower	Upper
117	100	
82	63.0	44.6 67.0
119	42.3	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.012 min

Lab File: VY021540.D

Acq: 14 Mar 2025 15:24

Tgt Ion:152	Resp:	228
Ion Ratio	Lower	Upper
152	100	
115	67.1	29.0 87.0
150	189.0	0.0 347.2

