

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021333.D
 Acq On : 26 Feb 2025 15:51
 Operator : SY/MD
 Sample : Q1411-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-02212025

Quant Time: Feb 27 00:39:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	4315	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	7541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	6747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3566	72.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.700%
35) Dibromofluoromethane	7.628	113	3174	64.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.400%
50) Toluene-d8	10.103	98	9411	49.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.408	95	1459	22.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.380%

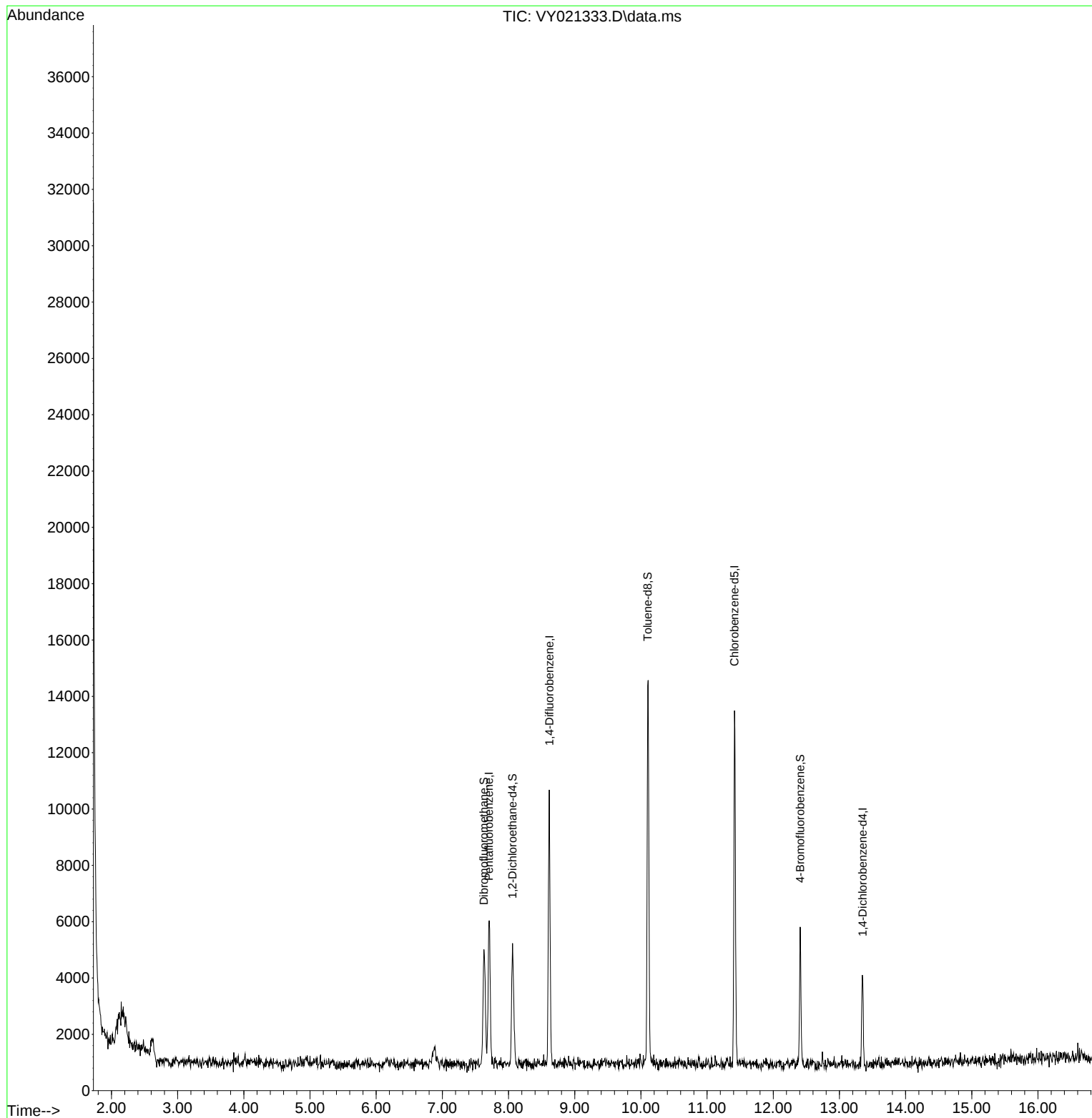
Target Compounds	Qvalue

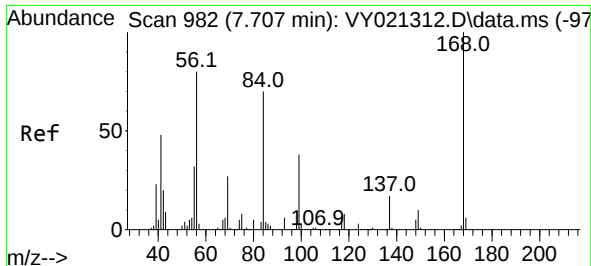
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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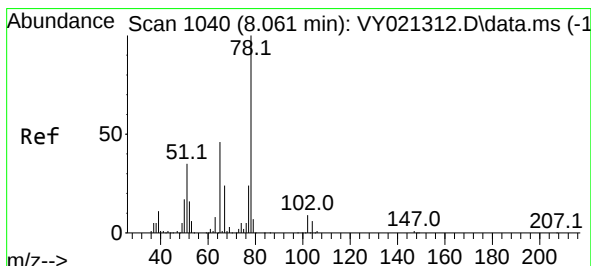
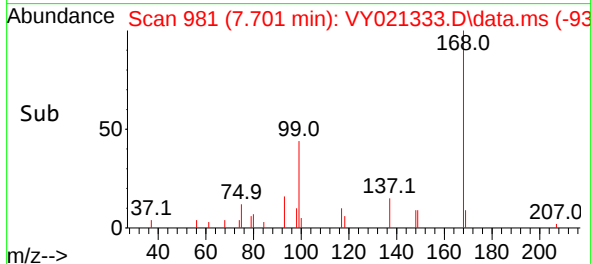
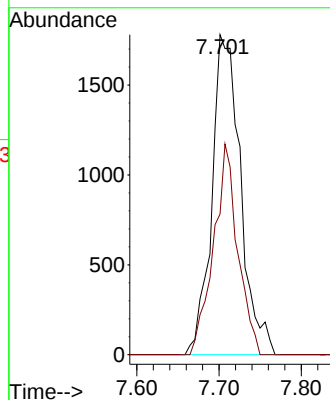
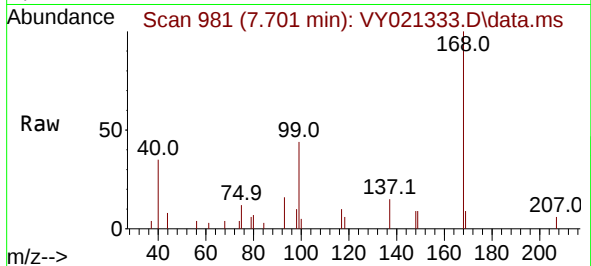




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

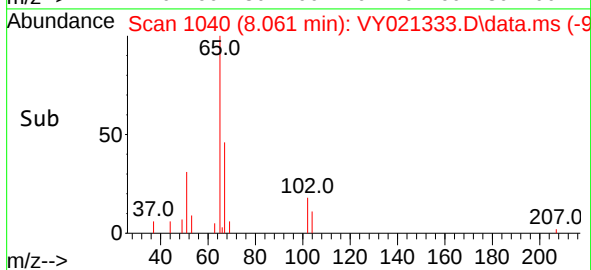
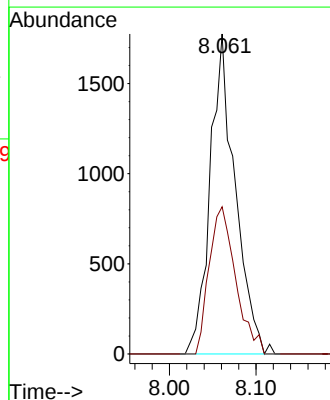
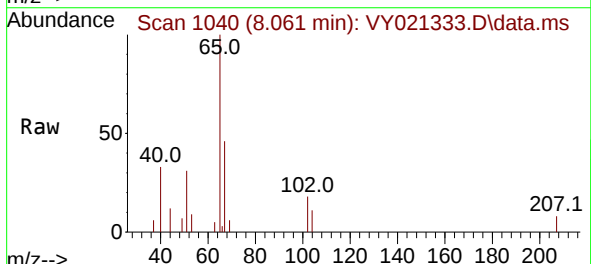
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-02212025

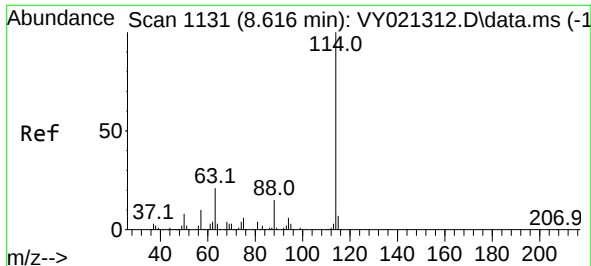
Tgt Ion:168 Resp: 4315
Ion Ratio Lower Upper
168 100
99 44.0 47.1 70.7#



#33
1,2-Dichloroethane-d4
Concen: 72.850 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

Tgt Ion: 65 Resp: 3566
Ion Ratio Lower Upper
65 100
67 48.8 0.0 103.6

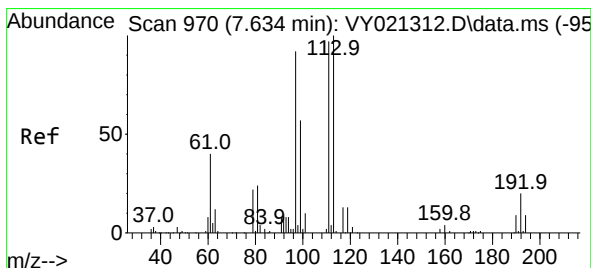
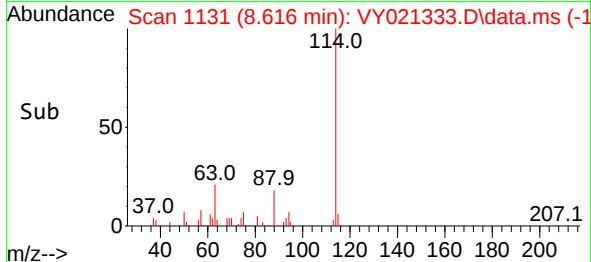
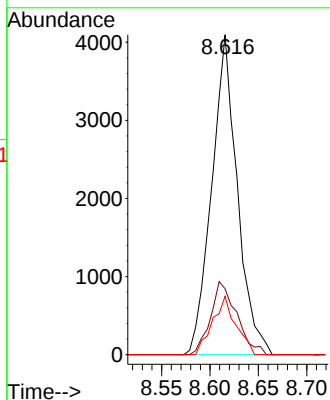
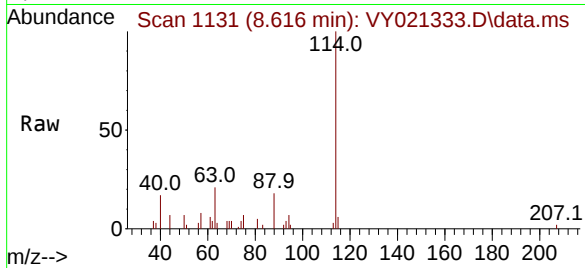




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

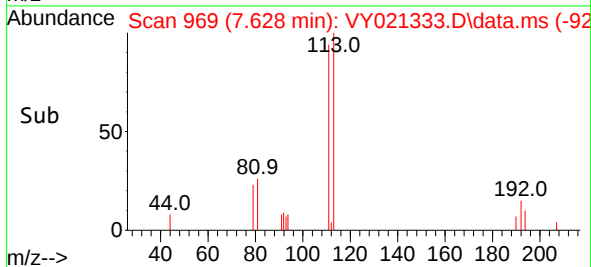
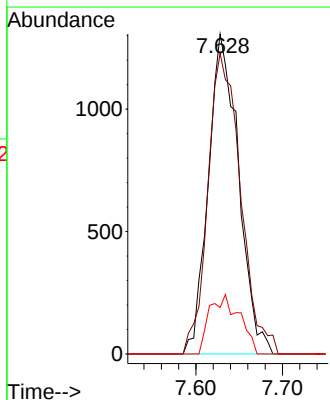
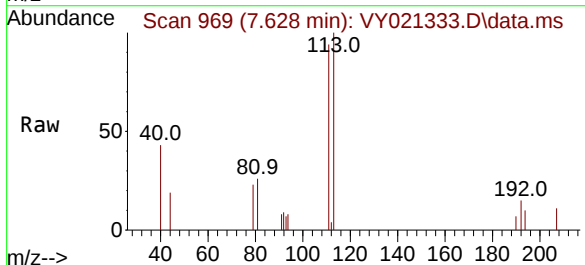
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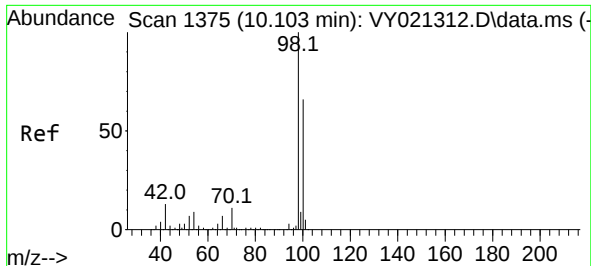
Tgt Ion:114	Resp:	7541
Ion	Ratio	Lower Upper
114	100	
63	20.6	0.0 42.2
88	18.2	0.0 29.8



#35
Dibromofluoromethane
Concen: 64.200 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

Tgt Ion:113	Resp:	3174
Ion	Ratio	Lower Upper
113	100	
111	101.2	81.0 121.6
192	18.4	15.8 23.8

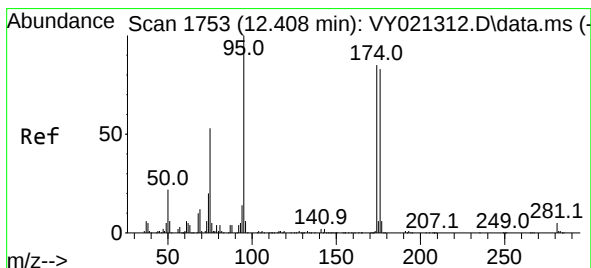
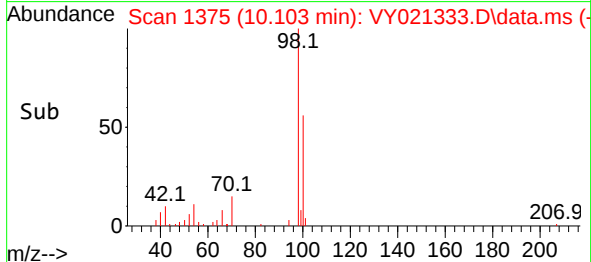
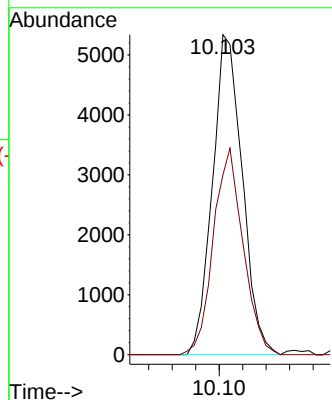
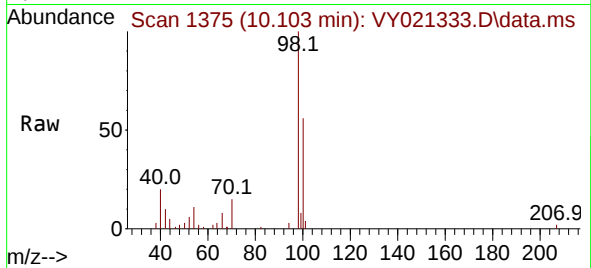




#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

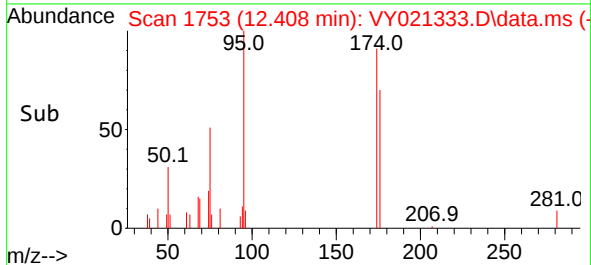
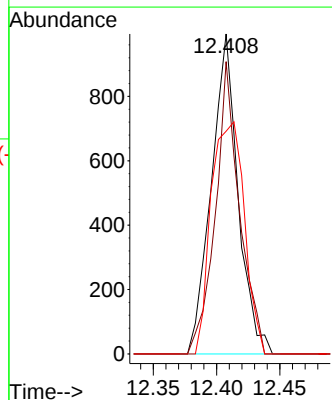
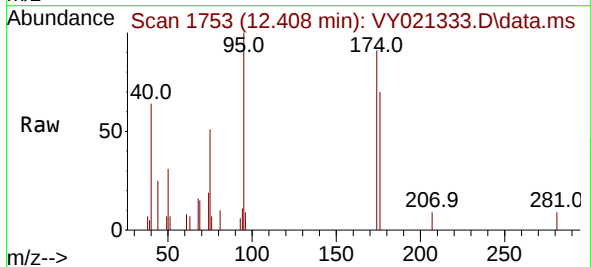
Instrument :
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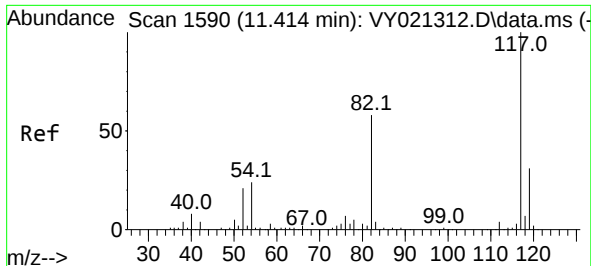
Tgt Ion: 98 Resp: 9411
Ion Ratio Lower Upper
98 100
100 64.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 22.689 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

Tgt Ion: 95 Resp: 1459
Ion Ratio Lower Upper
95 100
174 82.2 0.0 168.0
176 90.2 0.0 162.6

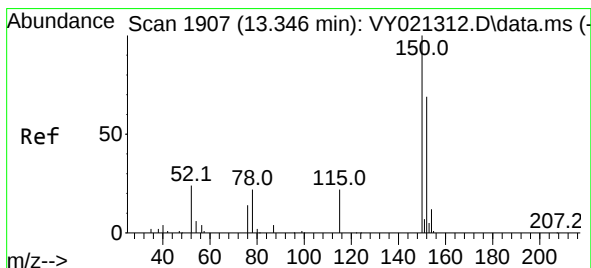
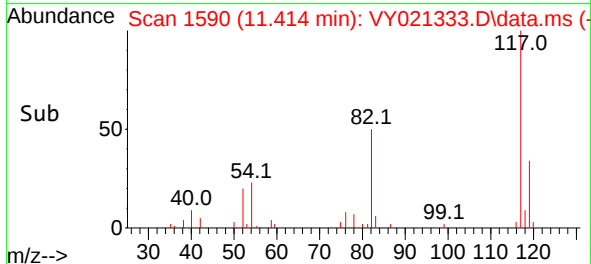
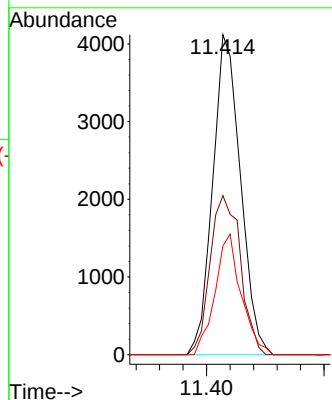
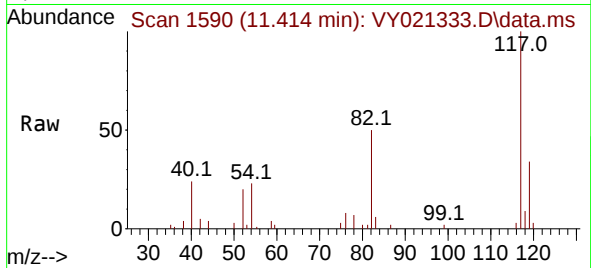




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

Instrument :
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ClientSampleId :
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Tgt Ion:117	Resp:	6747
Ion	Ratio	Lower Upper
117	100	
82	49.7	46.2 69.4
119	34.0	24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021333.D
Acq: 26 Feb 2025 15:51

Tgt Ion:152	Resp:	1041
Ion	Ratio	Lower Upper
152	100	
115	54.4	29.3 88.0
150	142.6	0.0 347.4

