

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021388.D
 Acq On : 28 Feb 2025 18:15
 Operator : SY/MD
 Sample : Q1458-02
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-SOIL-VOC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

Quant Time: Mar 01 00:17:16 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	7.713	168	120176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	216904m	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	199966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	81443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81845	60.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.060%			
35) Dibromofluoromethane	7.634	113	80120	56.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.680%			
50) Toluene-d8	10.109	98	266632	48.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.408	95	81095	43.845	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.700%			
Target Compounds						Qvalue
16) Acetone	3.872	43	3585	13.709	ug/l #	89
20) Methylene Chloride	4.622	84	9244	6.537	ug/l #	83

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

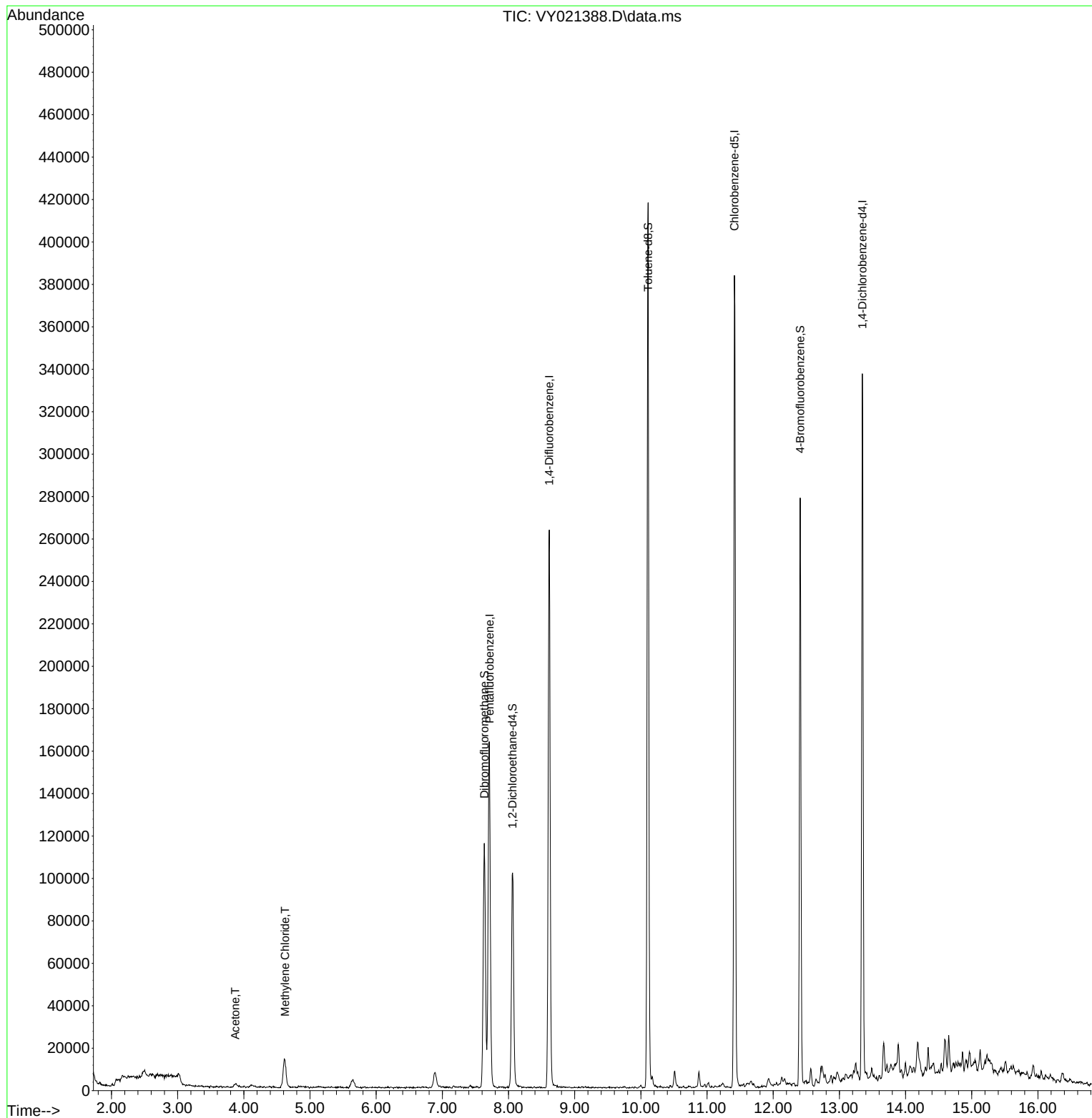
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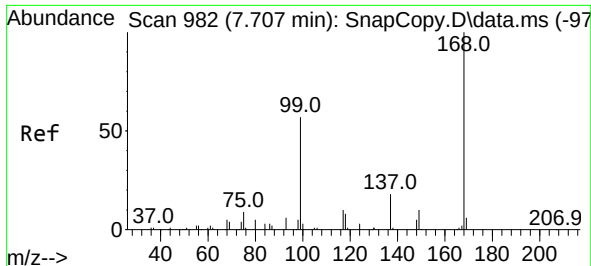
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MSVOA_Y
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SP-SOIL-VOC

Quant Time: Mar 01 00:17:16 2025
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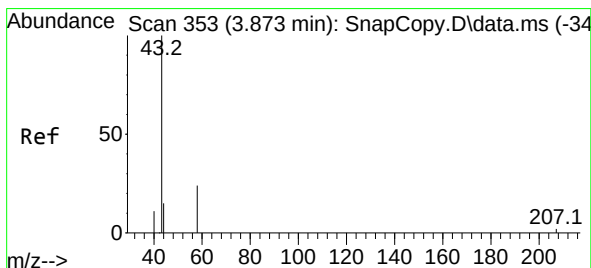
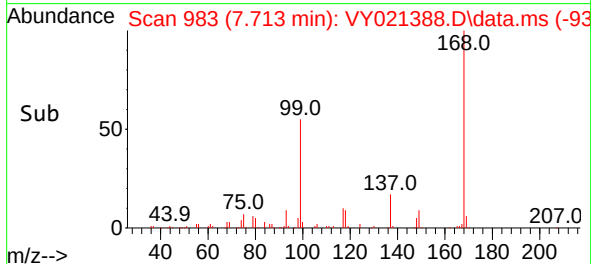
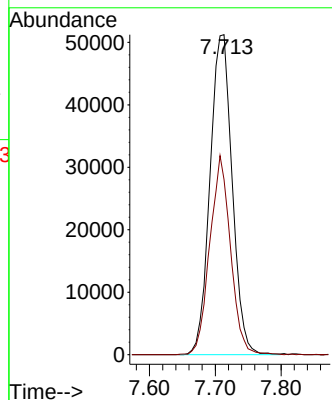
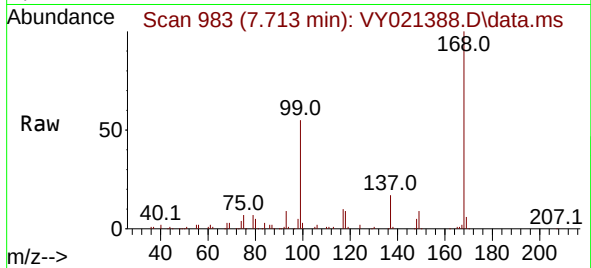
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

Instrument :
MSVOA_Y
ClientSampleId :
SP-SOIL-VOC

Tgt Ion:168 Resp: 120170
Ion Ratio Lower Upper
168 100
99 54.6 47.1 70.7

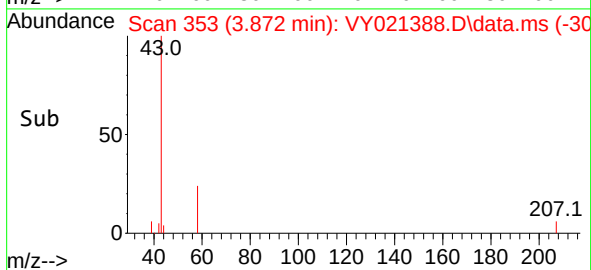
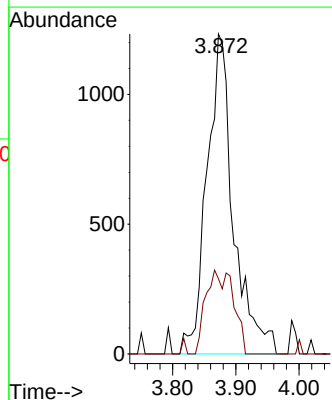
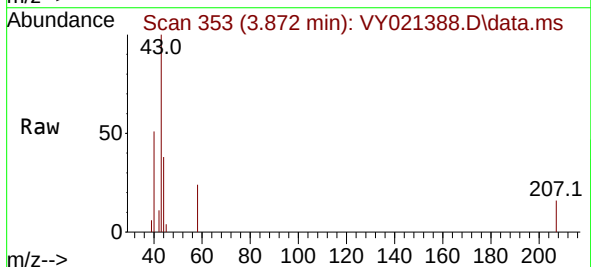
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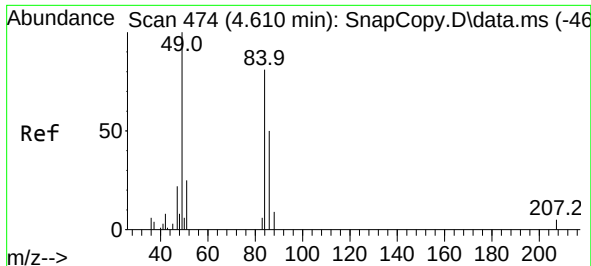
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#16
Acetone
Concen: 13.709 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

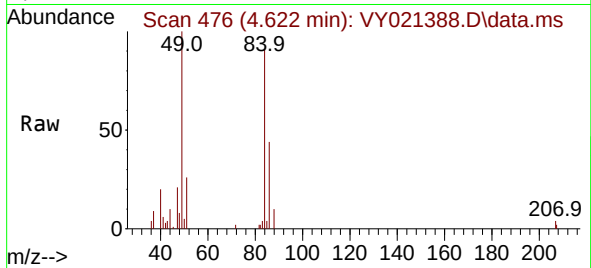
Tgt Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
58 23.5 23.5 35.3#





#20
Methylene Chloride
Concen: 6.537 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

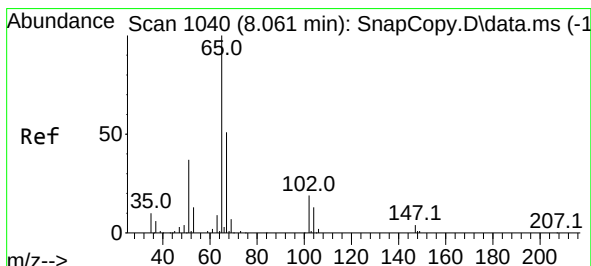
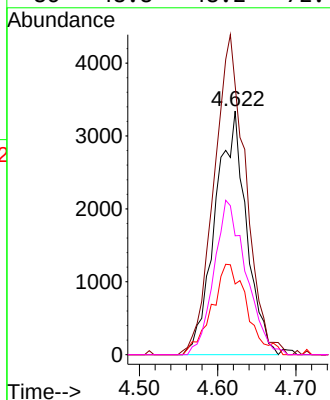
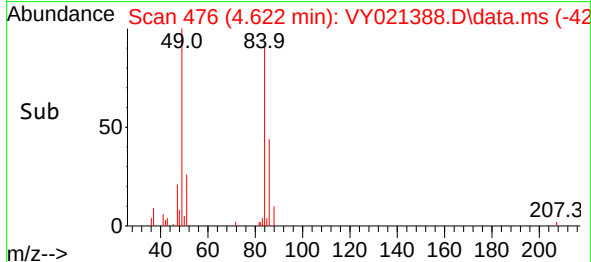
Instrument :
MSVOA_Y
ClientSampleId :
SP-SOIL-VOC



Tgt Ion: 84 Resp: 924
Ion Ratio Lower Upper
84 100
49 110.5 105.1 157.7
51 29.0 31.0 46.4
86 48.8 48.2 72.4

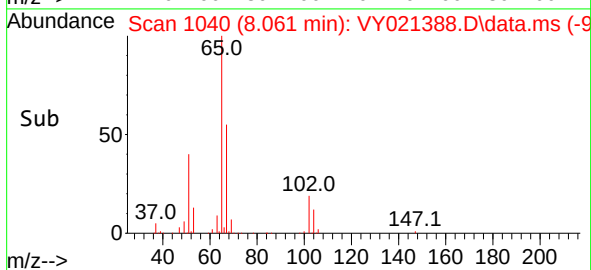
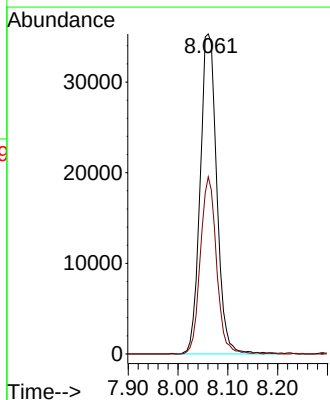
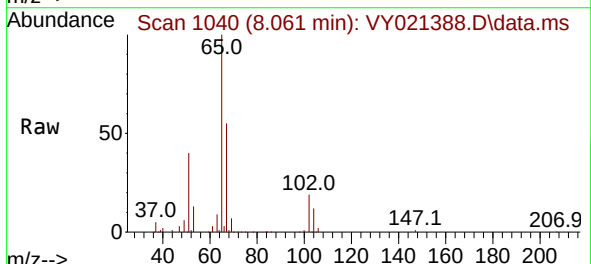
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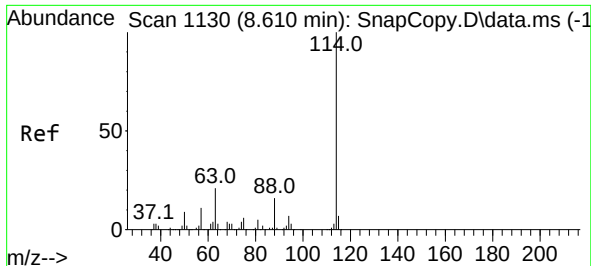
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#33
1,2-Dichloroethane-d4
Concen: 60.035 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

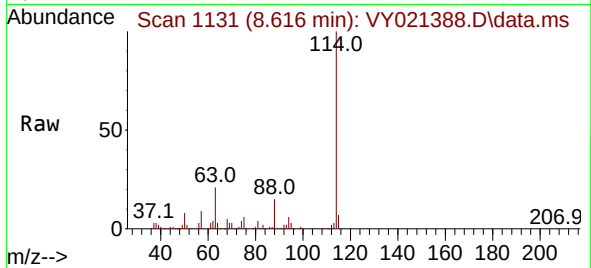
Tgt Ion: 65 Resp: 81845
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l m
RT: 8.616 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

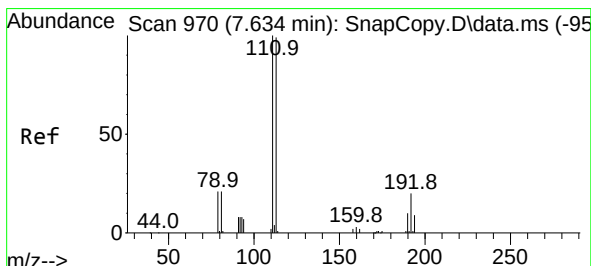
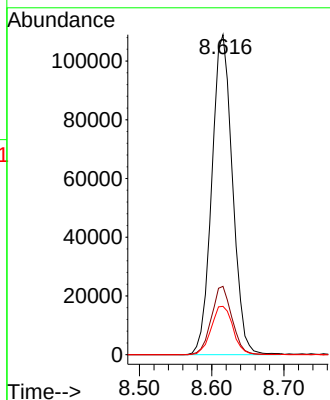
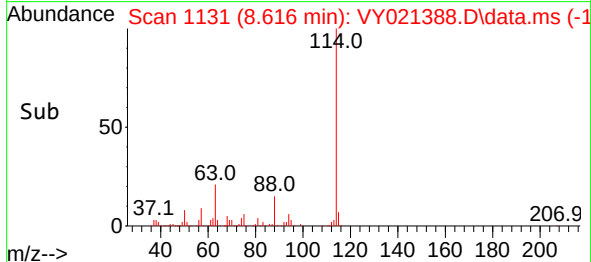
Instrument :
MSVOA_Y
ClientSampleId :
SP-SOIL-VOC



Tgt Ion:114 Resp: 216904
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 15.1 0.0 29.8

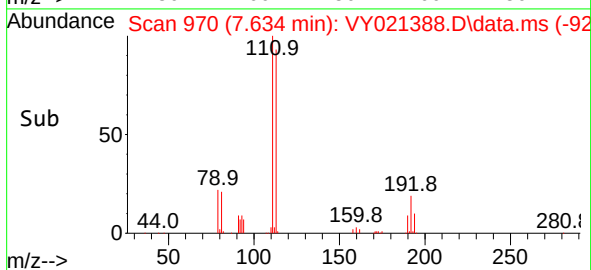
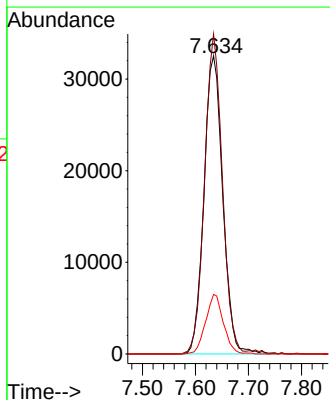
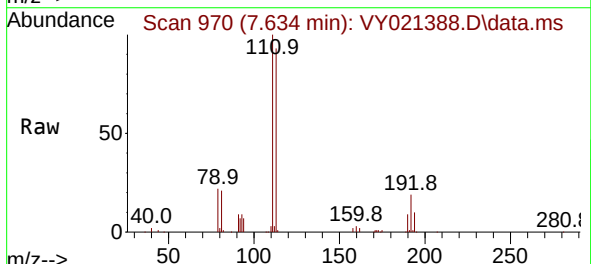
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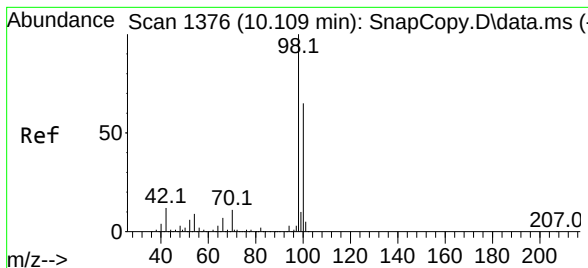
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#35
Dibromofluoromethane
Concen: 56.342 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

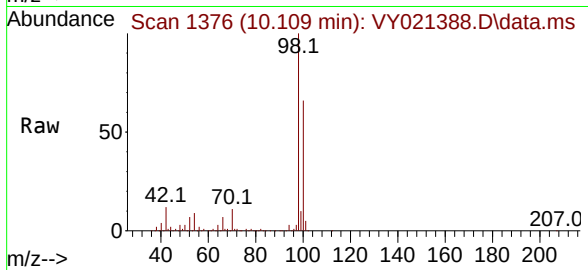
Tgt Ion:113 Resp: 80120
Ion Ratio Lower Upper
113 100
111 101.8 81.0 121.6
192 18.9 15.8 23.8





#50
Toluene-d8
Concen: 48.516 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

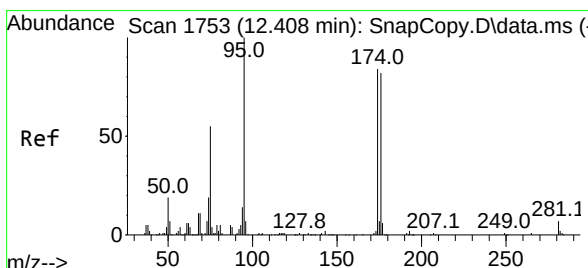
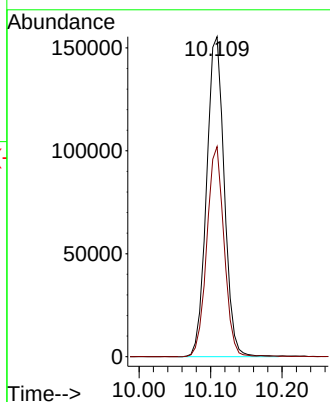
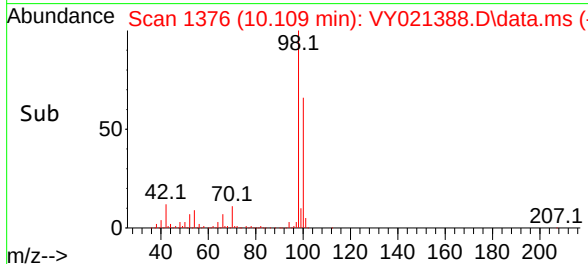
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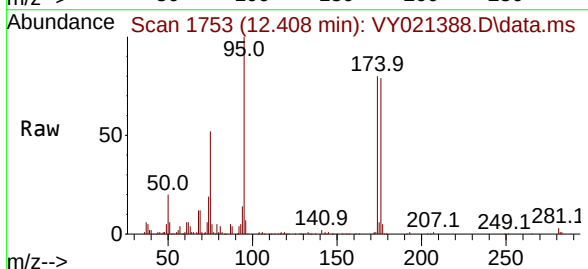
Tgt Ion: 98 Resp: 266632
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6

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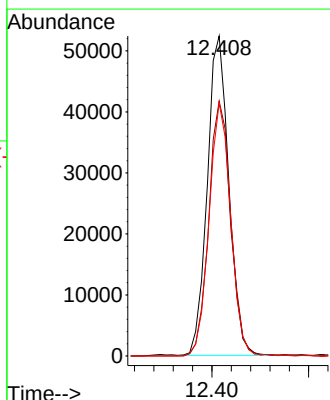
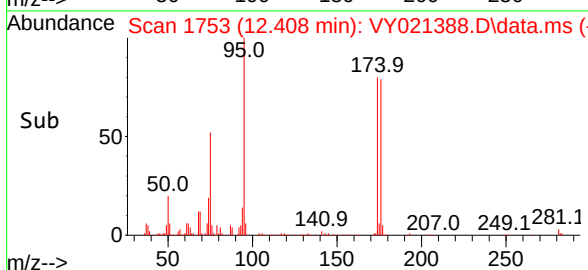
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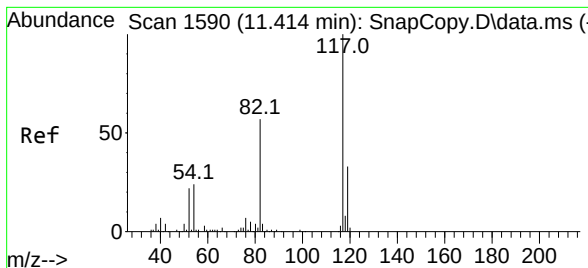


#62
4-Bromofluorobenzene
Concen: 43.845 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15



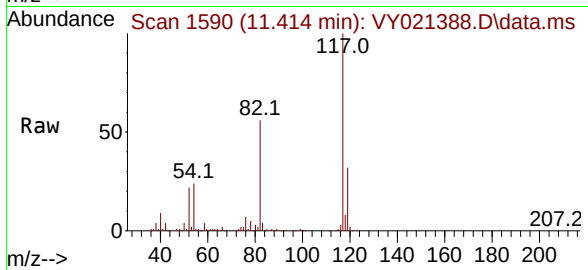
Tgt Ion: 95 Resp: 81095
Ion Ratio Lower Upper
95 100
174 81.2 0.0 168.0
176 79.2 0.0 162.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

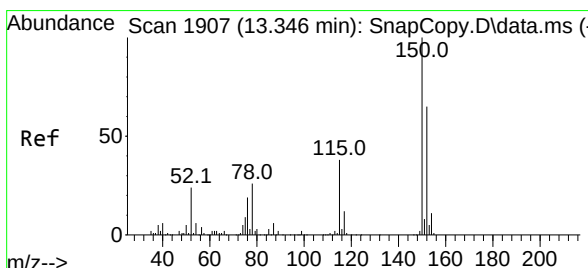
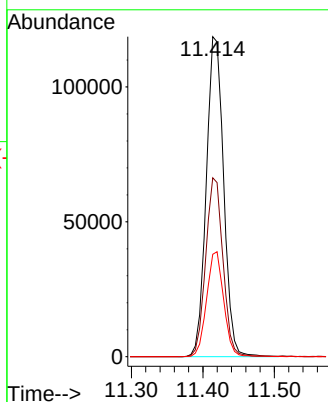
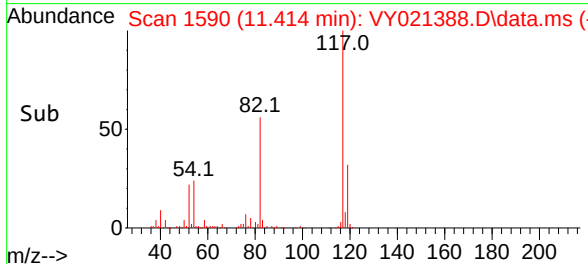
Instrument :
MSVOA_Y
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Tgt Ion:117 Resp: 199960
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.0 24.9 37.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021388.D
Acq: 28 Feb 2025 18:15

Tgt Ion:152 Resp: 81443
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 154.9 0.0 347.4

