

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020854.D
 Acq On : 17 Jan 2025 14:46
 Operator : SY/MD
 Sample : Q1115-12
 Misc : 3.41g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213-VOC

Quant Time: Jan 17 23:26:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

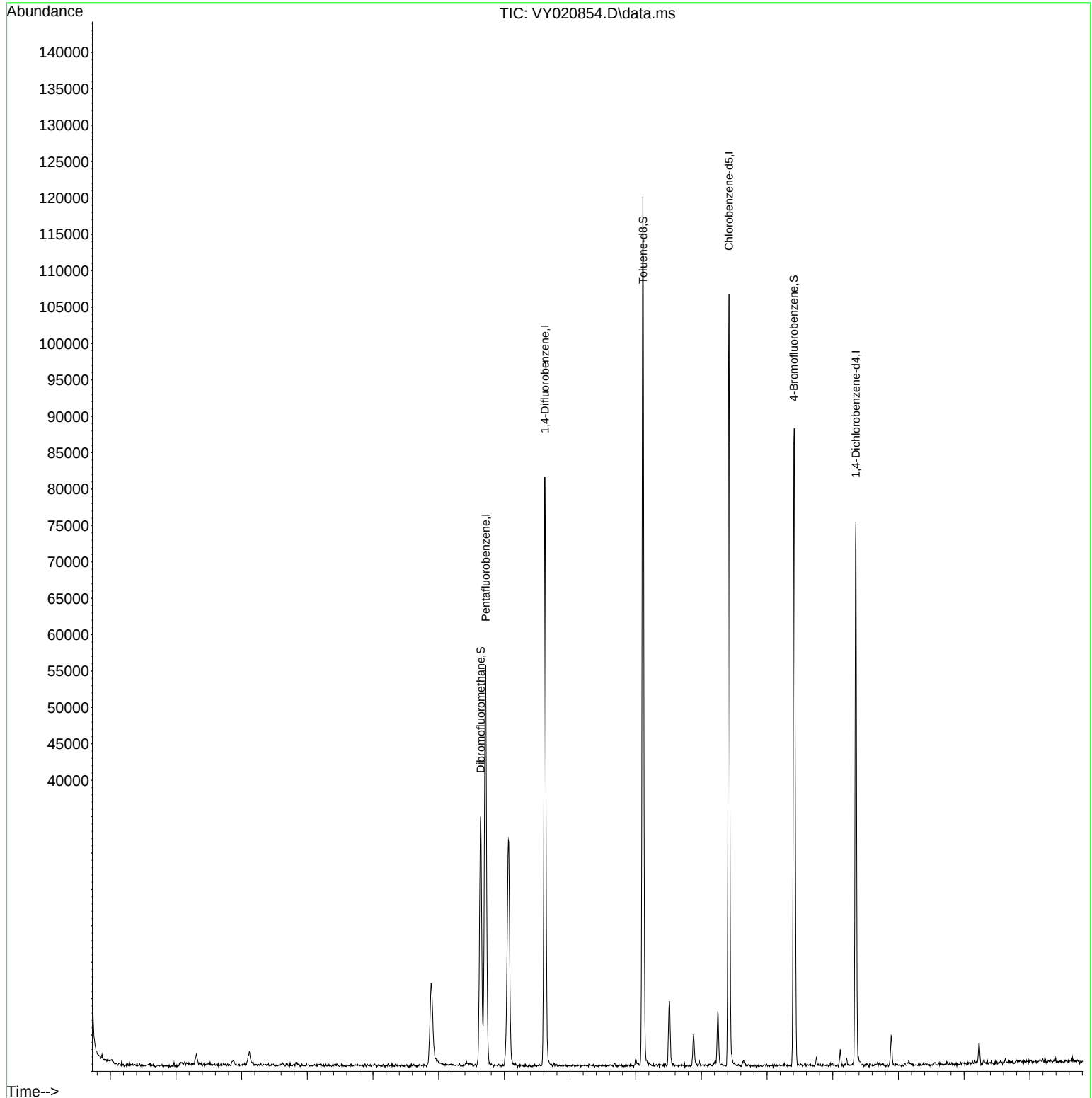
Internal Standards						
1) Pentafluorobenzene	7.713	168	45312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	72110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	60726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	20598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	22893	59.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.880%
35) Dibromofluoromethane	7.640	113	24523	54.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.109	98	83824	53.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.460%
62) 4-Bromofluorobenzene	12.408	95	23056	39.645	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.280%
Target Compounds						
16) Acetone	3.885	43	1210	22.093	ug/l #	83
51) 4-Methyl-2-Pentanone	9.993	43	744	3.193	ug/l #	84

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

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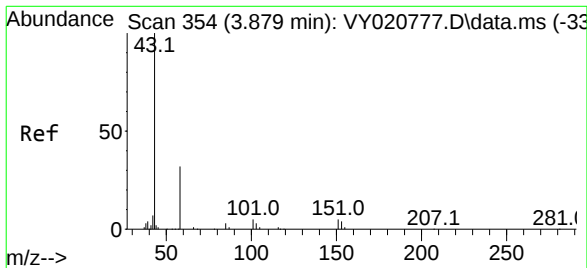
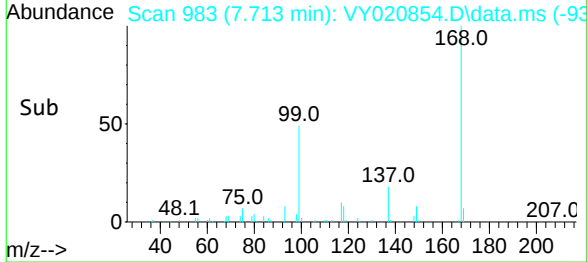
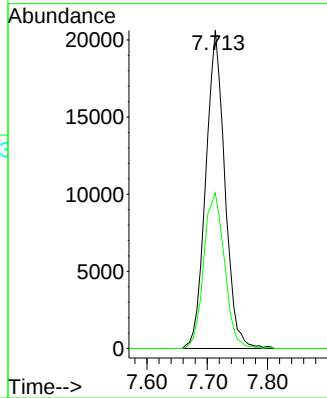
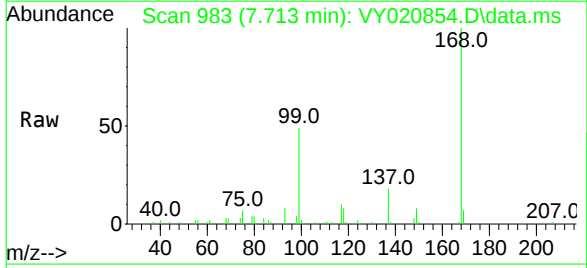




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

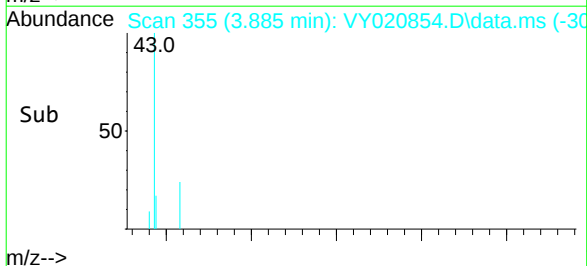
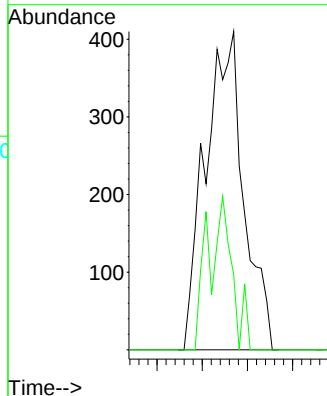
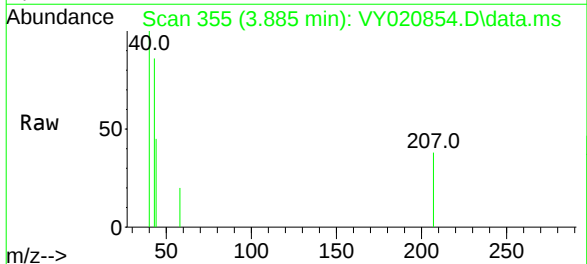
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213-VOC

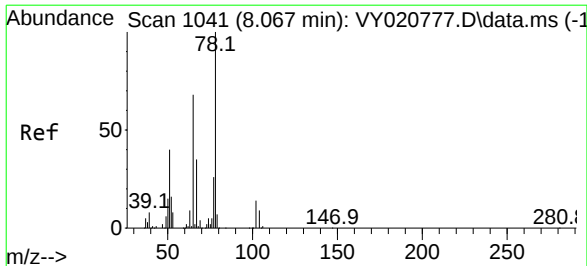
Tgt Ion:168 Resp: 45312
Ion Ratio Lower Upper
168 100
99 48.9 44.3 66.5



#16
Acetone
Concen: 22.093 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 23.7 26.7 40.1#

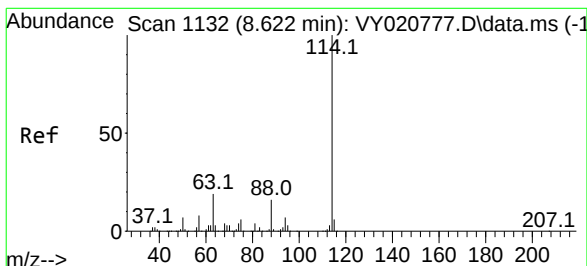
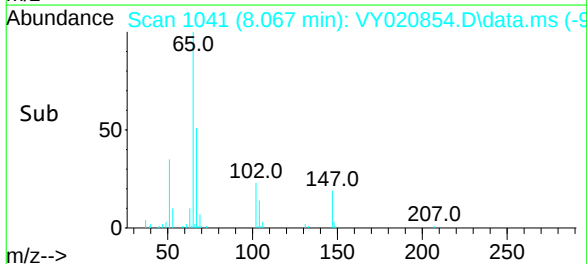
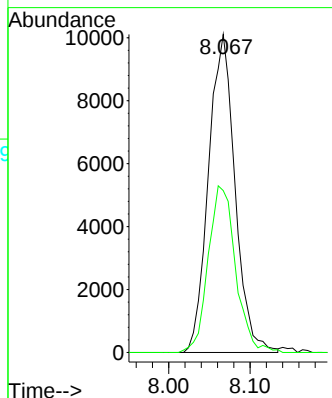
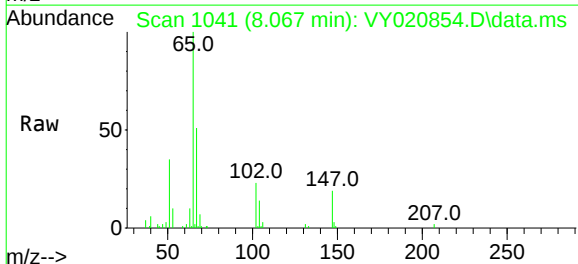




#33
1,2-Dichloroethane-d4
Concen: 59.441 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

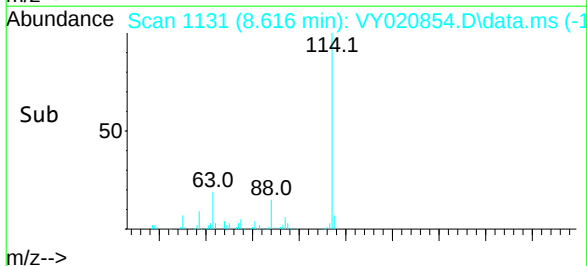
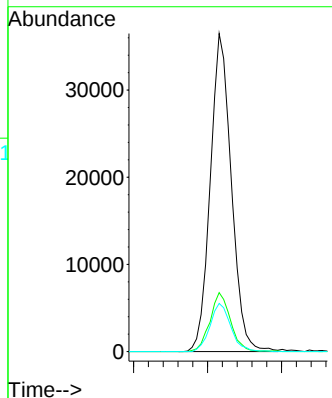
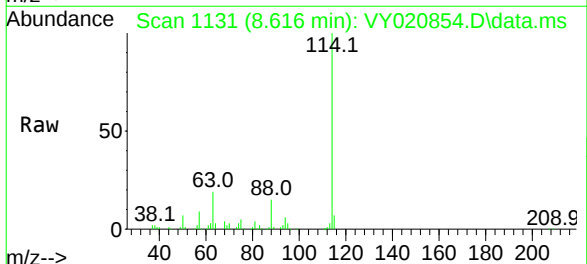
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213-VOC

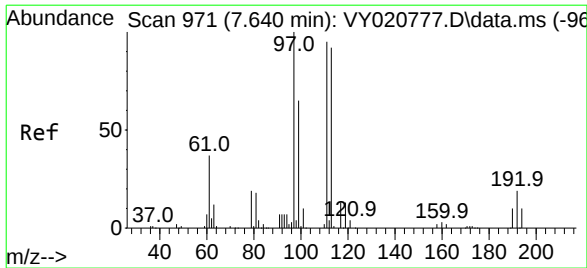
Tgt Ion: 65 Resp: 22893
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

Tgt Ion: 114 Resp: 72110
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 15.1 0.0 31.2

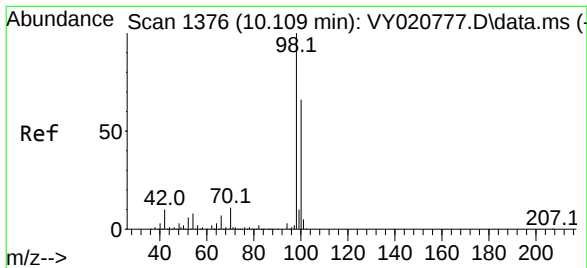
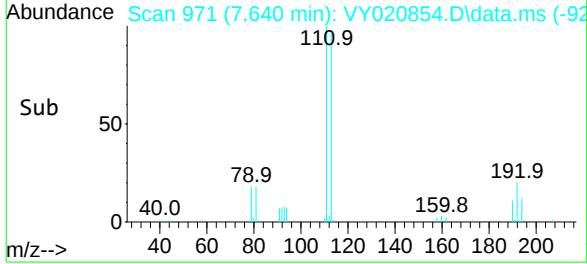
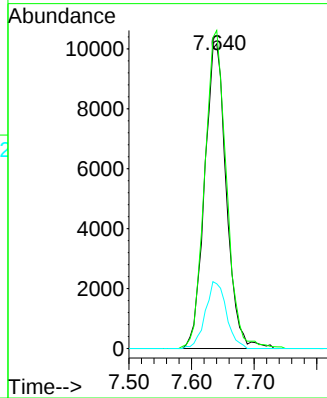
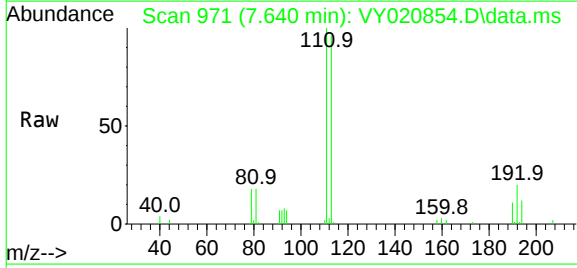




#35
Dibromofluoromethane
Concen: 54.283 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

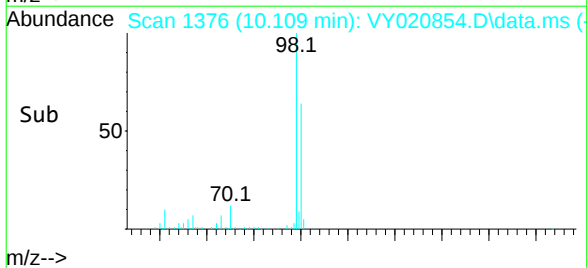
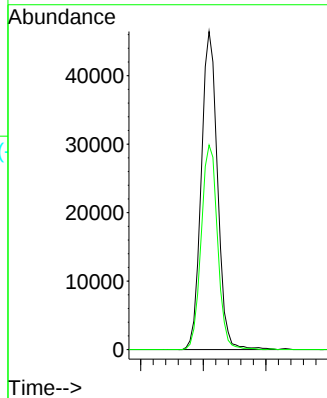
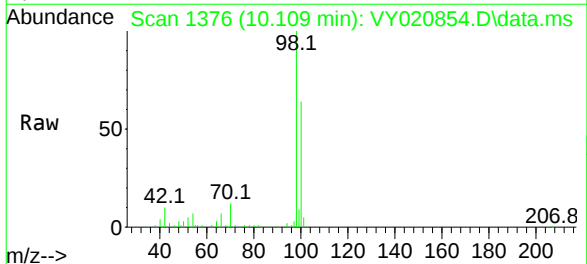
Instrument :
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VNJ-213-VOC

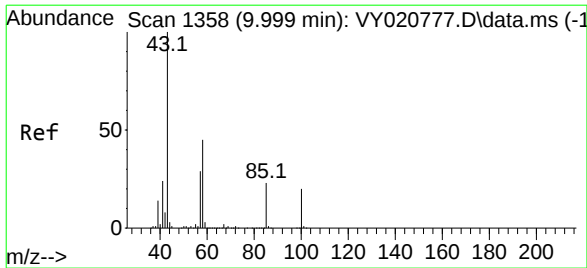
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.7	122.5
192	21.2	16.7	25.1



#50
Toluene-d8
Concen: 53.227 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

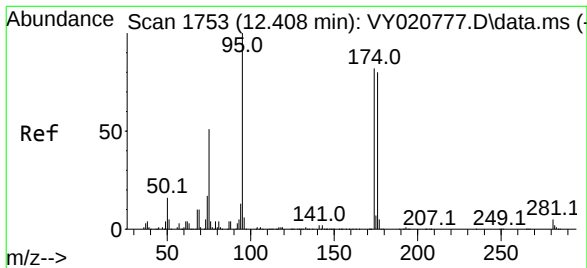
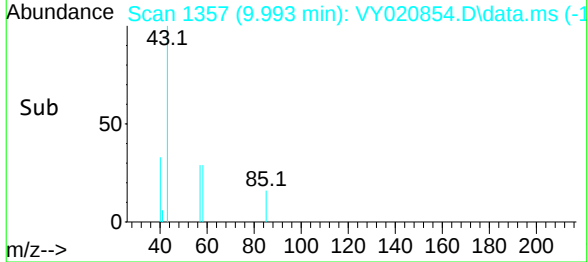
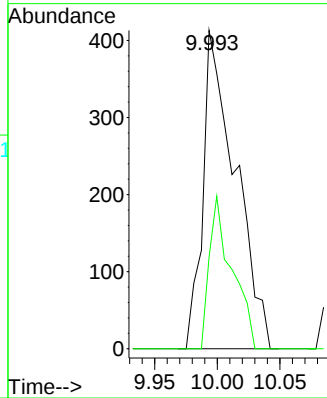
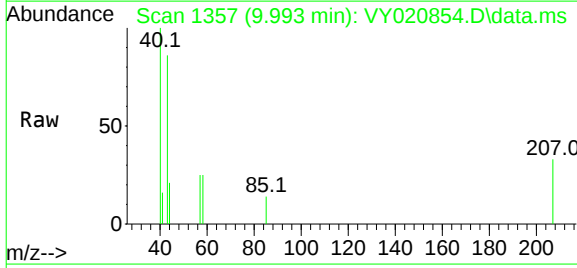




#51
4-Methyl-2-Pentanone
Concen: 3.193 ug/l
RT: 9.993 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

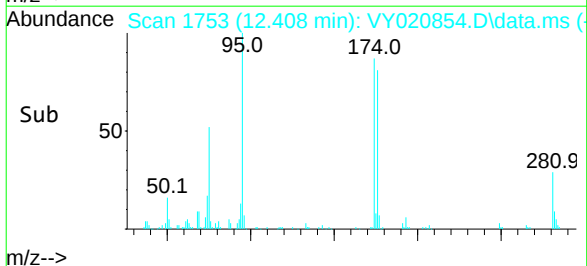
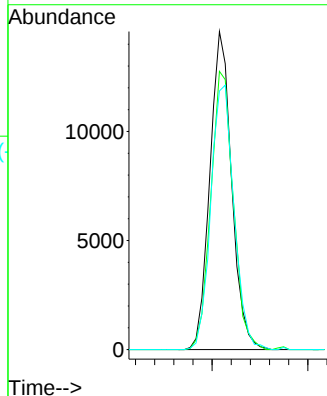
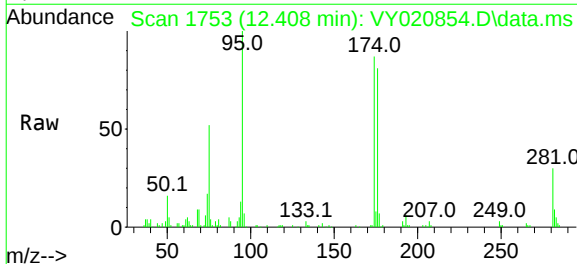
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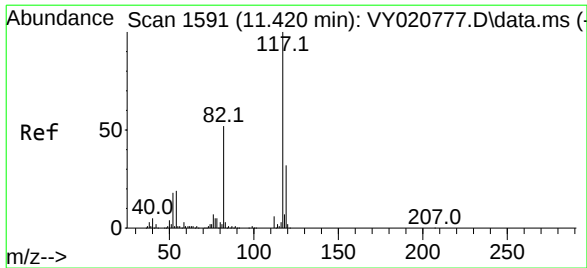
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 33.3 34.8 52.2#



#62
4-Bromofluorobenzene
Concen: 39.645 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020854.D
Acq: 17 Jan 2025 14:46

Tgt Ion: 95 Resp: 23056
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.0
176 88.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020854.D

Acq: 17 Jan 2025 14:46

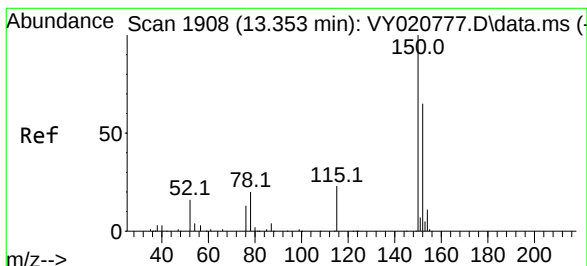
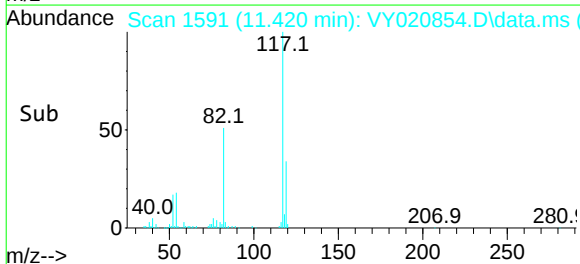
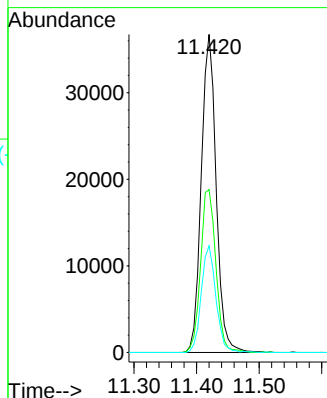
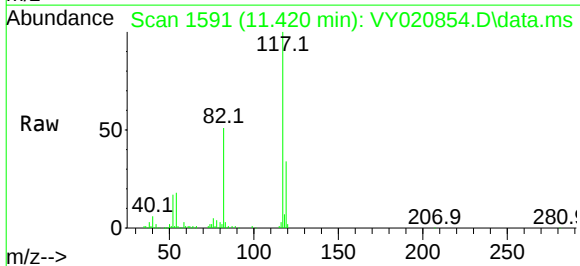
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-213-VOC

Tgt Ion:	117	Resp:	60726
Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.8	62.6
119	33.5	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020854.D

Acq: 17 Jan 2025 14:46

Tgt Ion:	152	Resp:	20598
Ion	Ratio	Lower	Upper
152	100		
115	54.8	29.0	87.0
150	153.7	0.0	347.4

