

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021845.D
 Acq On : 10 Apr 2025 17:57
 Operator : SY/MD
 Sample : Q1771-07
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7C-VOC

Quant Time: Apr 11 01:52:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

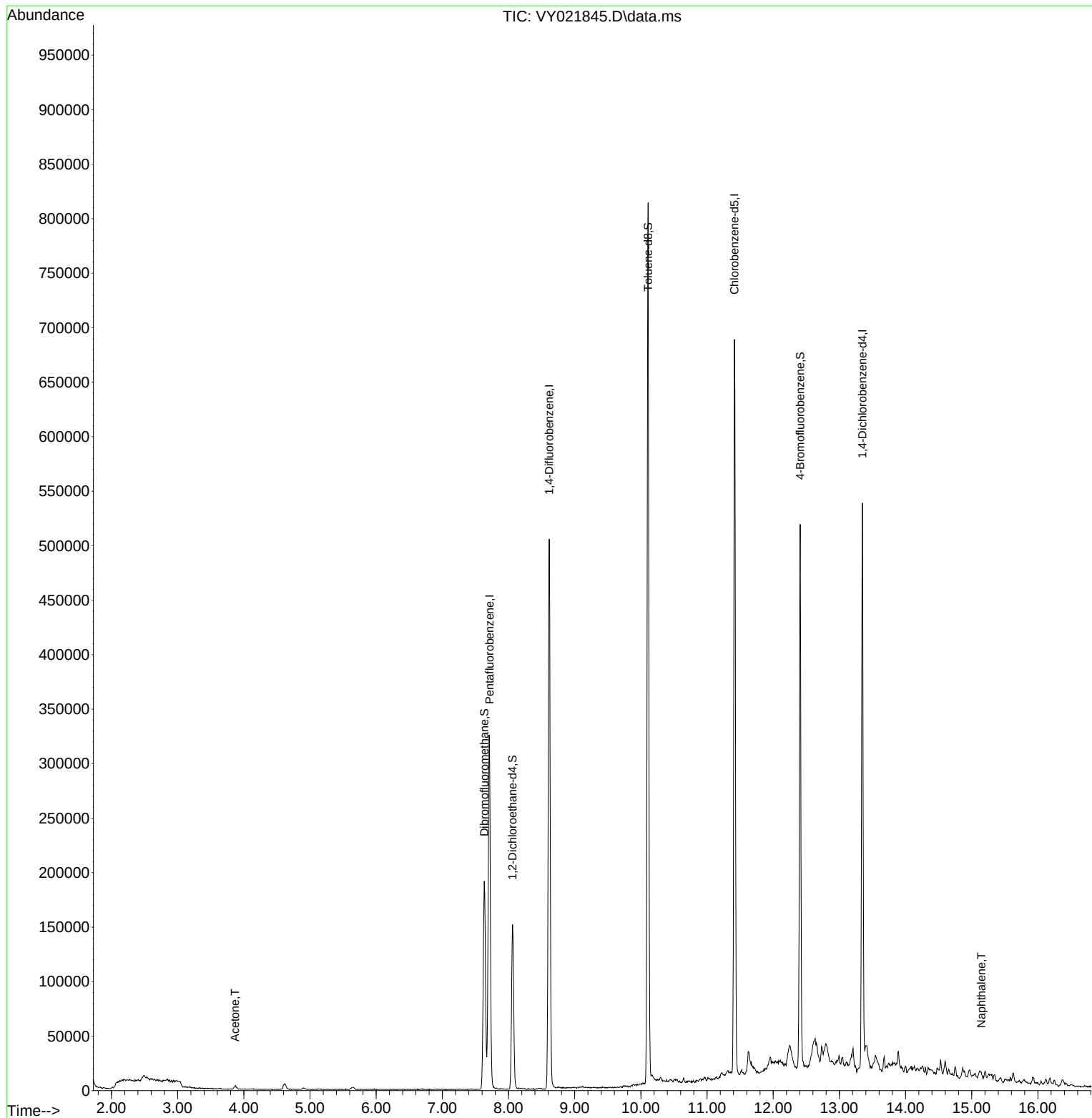
Internal Standards						
1) Pentafluorobenzene	7.713	168	245478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	358302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120835	45.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.634	113	134766	49.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.109	98	518078	49.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.408	95	147649	41.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.720%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	5281	9.702	ug/l	89
95) Naphthalene	15.145	128	3712	1.036	ug/l #	83

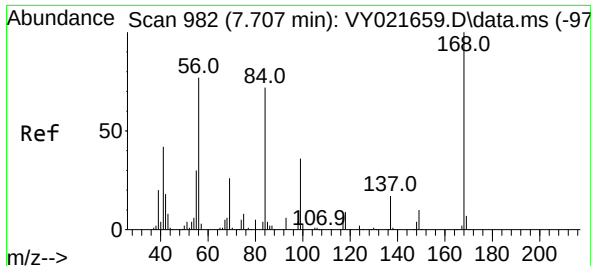
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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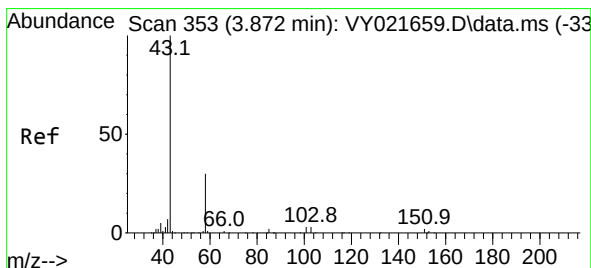
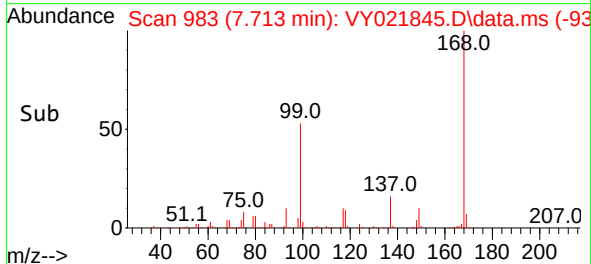
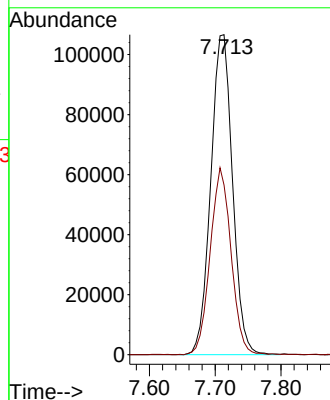
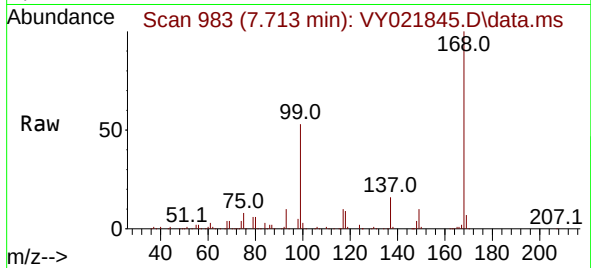




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

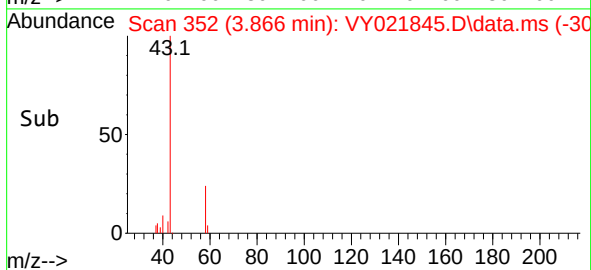
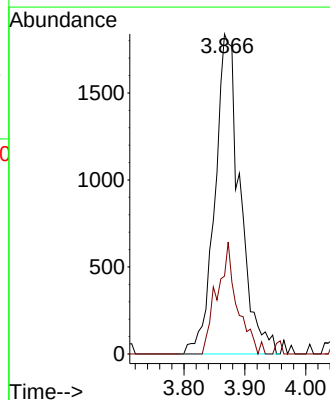
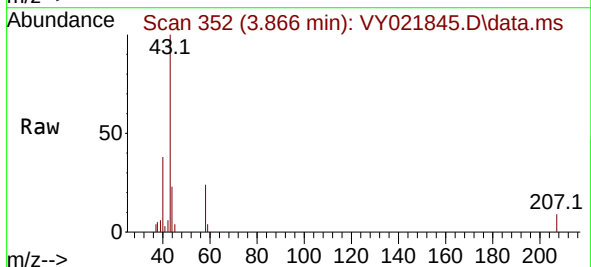
Instrument :
MSVOA_Y
ClientSampleId :
TP-7C-VOC

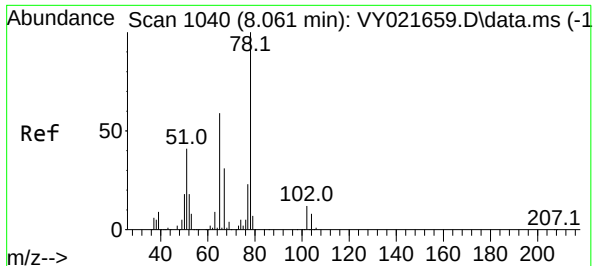
Tgt Ion:168 Resp: 245478
Ion Ratio Lower Upper
168 100
99 52.9 46.7 70.1



#16
Acetone
Concen: 9.702 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

Tgt Ion: 43 Resp: 5281
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 45.432 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021845.D

Acq: 10 Apr 2025 17:57

Instrument :

MSVOA_Y

ClientSampleId :

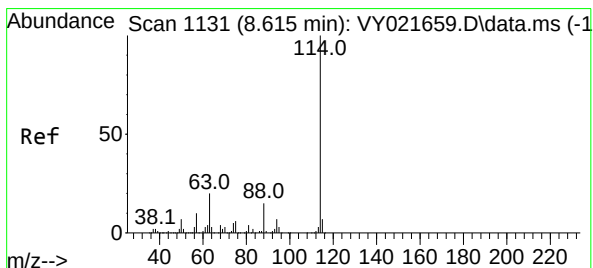
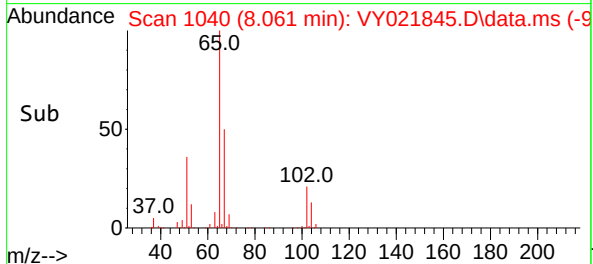
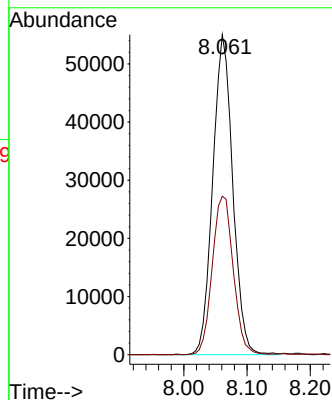
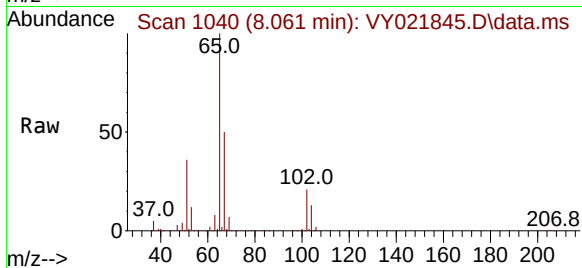
TP-7C-VOC

Tgt Ion: 65 Resp: 120835

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021845.D

Acq: 10 Apr 2025 17:57

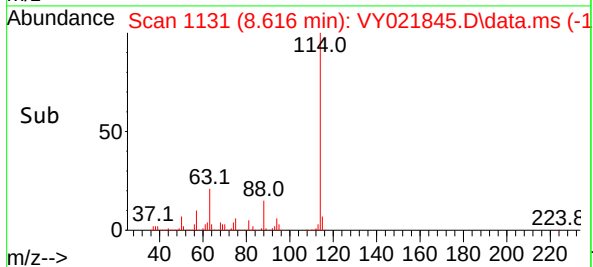
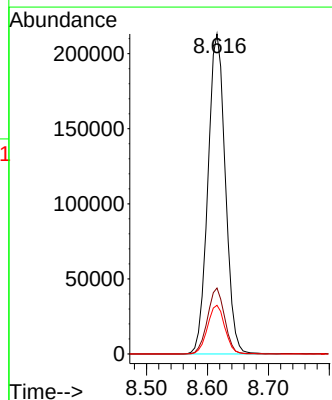
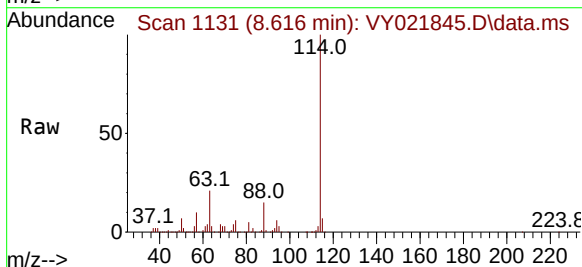
Tgt Ion: 114 Resp: 422581

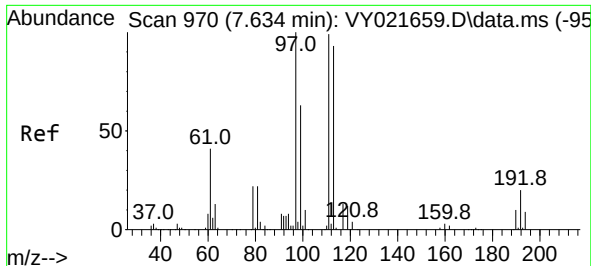
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.2 0.0 29.8

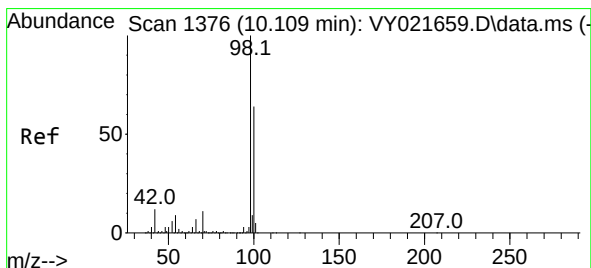
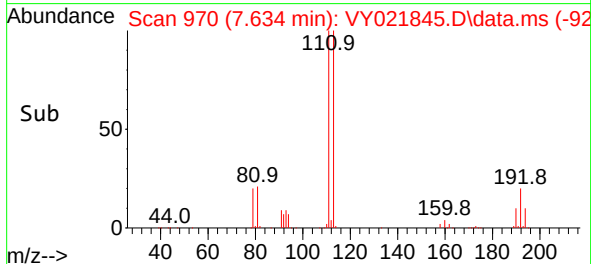
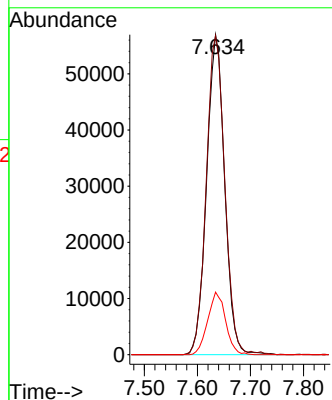
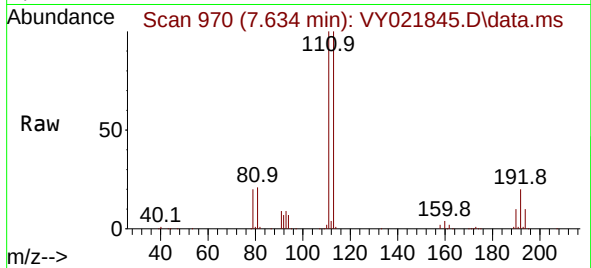




#35
Dibromofluoromethane
Concen: 49.163 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

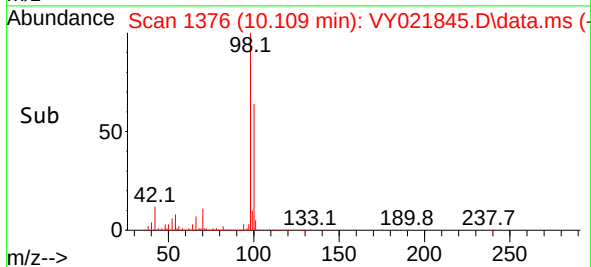
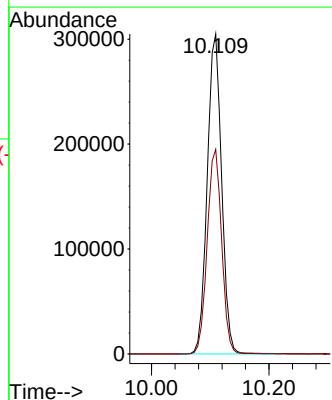
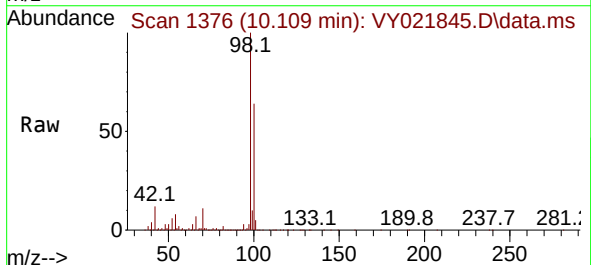
Instrument :
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ClientSampleId :
TP-7C-VOC

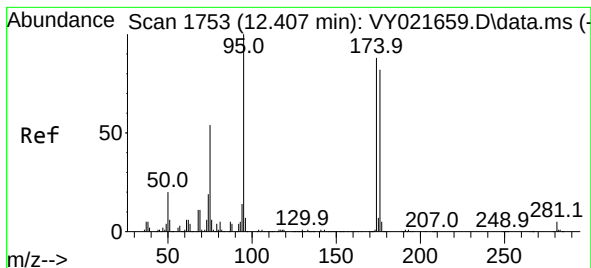
Tgt Ion:113 Resp: 134766
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 19.4 16.2 24.4



#50
Toluene-d8
Concen: 49.680 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

Tgt Ion: 98 Resp: 518078
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

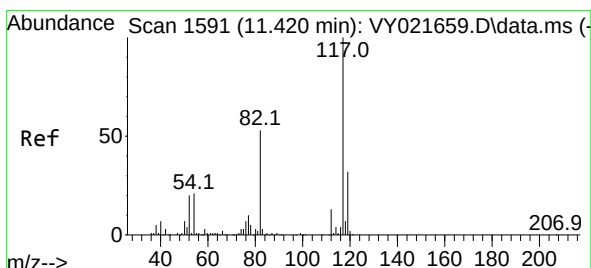
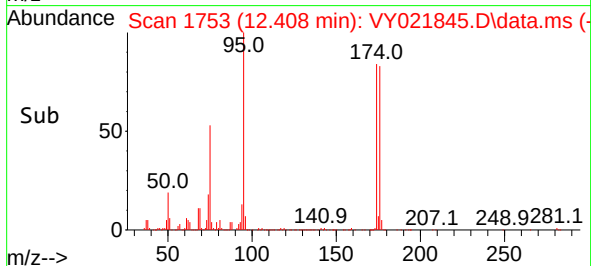
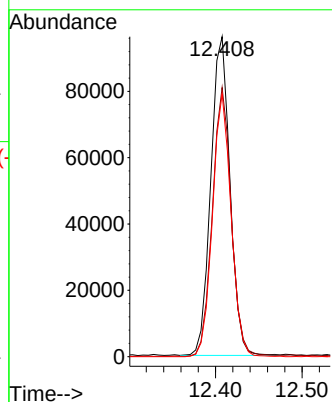
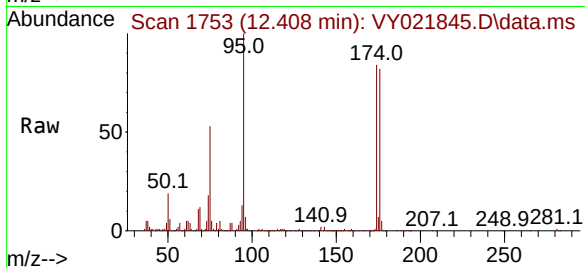




#62
4-Bromofluorobenzene
Concen: 41.858 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

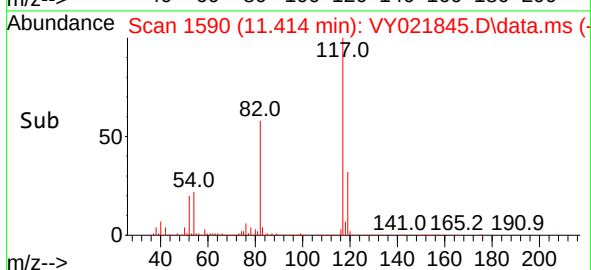
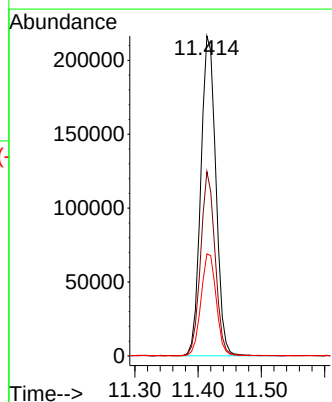
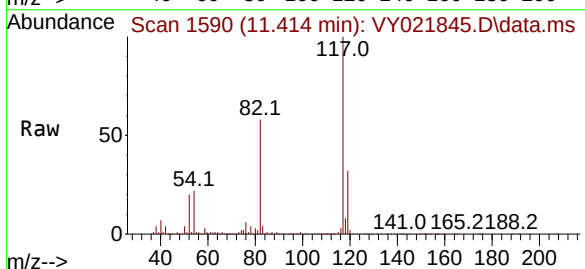
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MSVOA_Y
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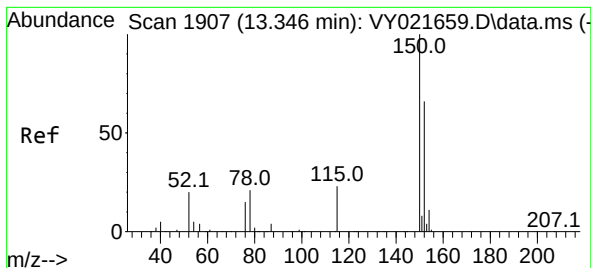
Tgt Ion: 95 Resp: 147649
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 80.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

Tgt Ion: 117 Resp: 358302
Ion Ratio Lower Upper
117 100
82 57.5 42.8 64.2
119 31.8 25.7 38.5

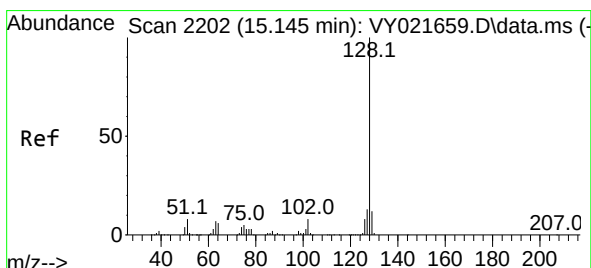
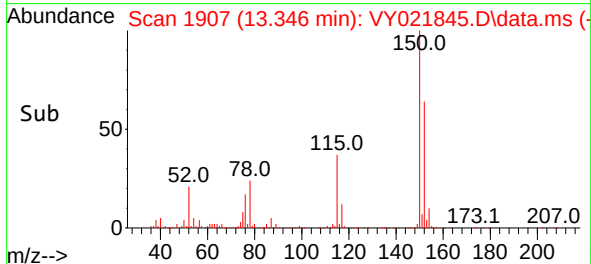
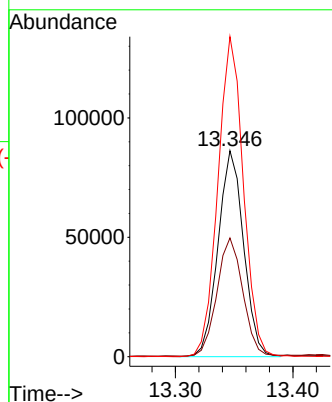
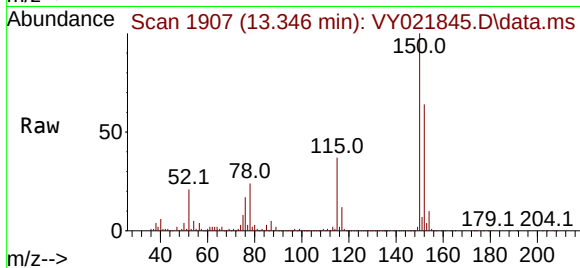




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-7C-VOC

Tgt Ion:152 Resp: 130331
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 155.2 0.0 348.4



#95
Naphthalene
Concen: 1.036 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021845.D
Acq: 10 Apr 2025 17:57

Tgt Ion:128 Resp: 3712
Ion Ratio Lower Upper
128 100
127 25.0 10.8 16.2#
129 12.1 8.8 13.2

