

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018395.D
 Acq On : 29 May 2024 13:27
 Operator : SY/MD
 Sample : P2637-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPT-VOC

Quant Time: May 30 04:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

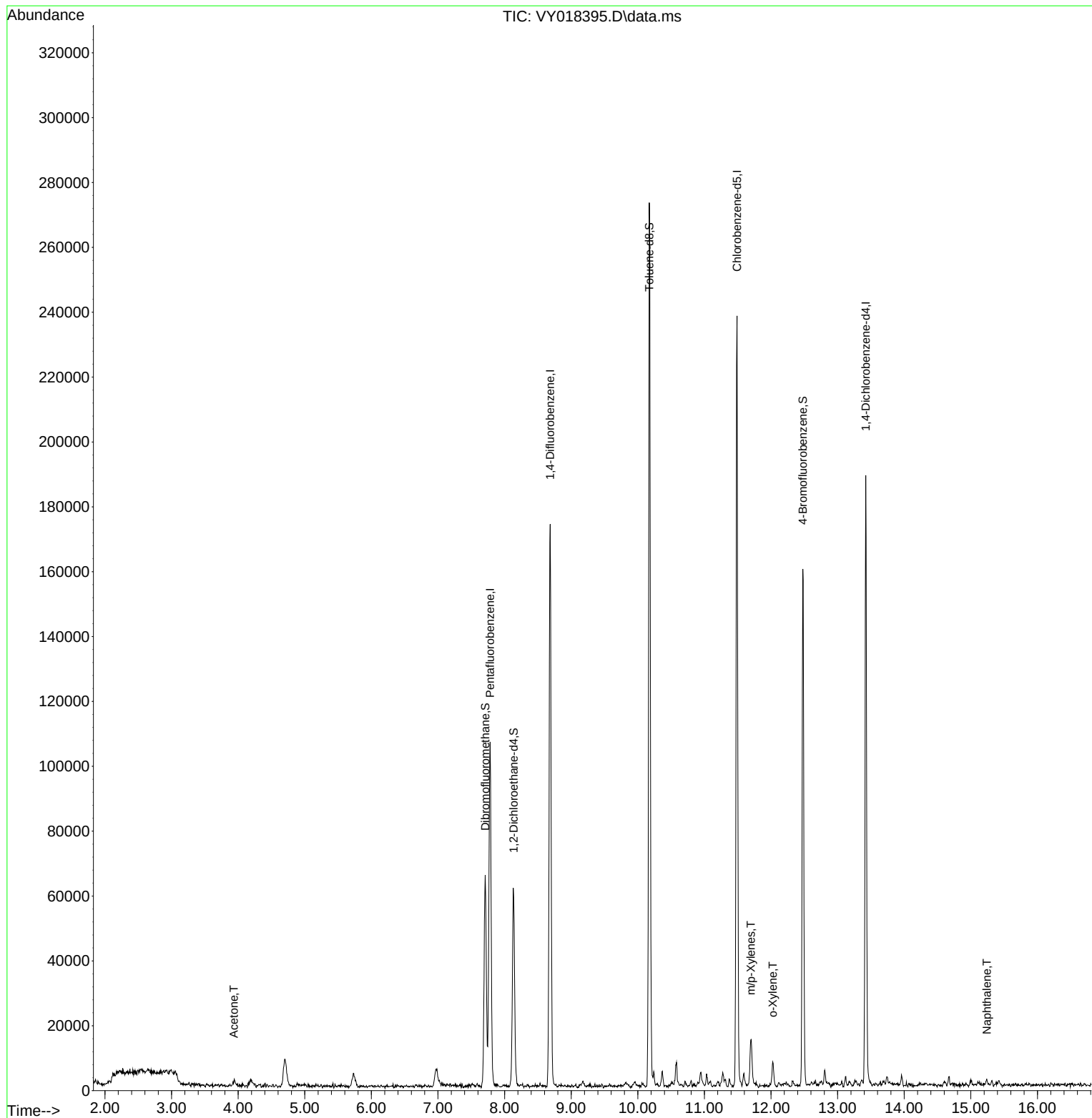
Internal Standards						
1) Pentafluorobenzene	7.783	168	77793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43948	59.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.710	113	45042	50.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.173	98	174622	50.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.477	95	49549	46.565	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.140%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	2766	18.247	ug/l #	83
68) m/p-Xylenes	11.697	106	3490	1.951	ug/l	86
69) o-Xylene	12.026	106	1854	1.098	ug/l	90
95) Naphthalene	15.239	128	1703	1.175	ug/l #	86

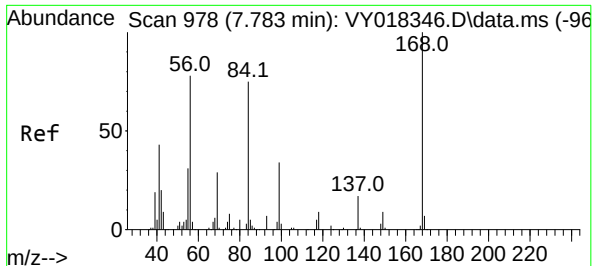
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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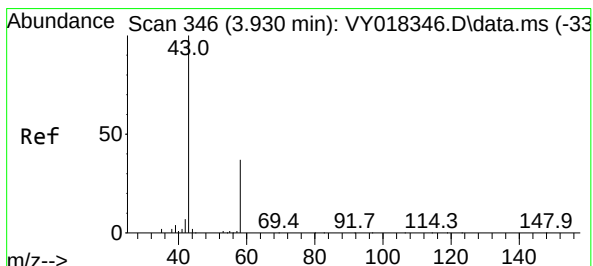
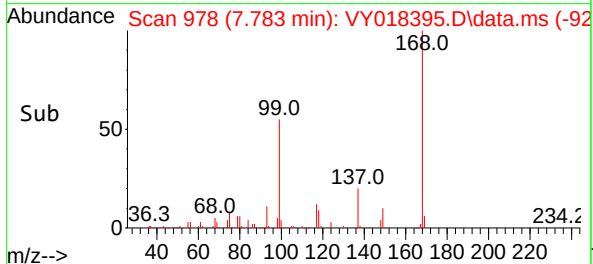
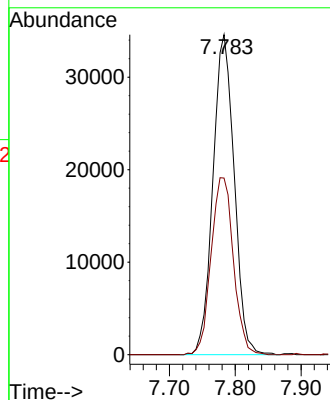
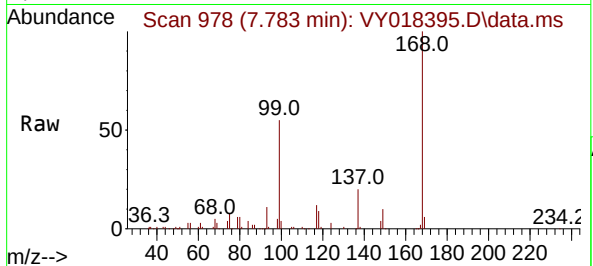




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

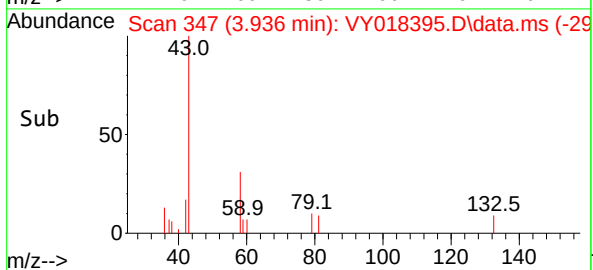
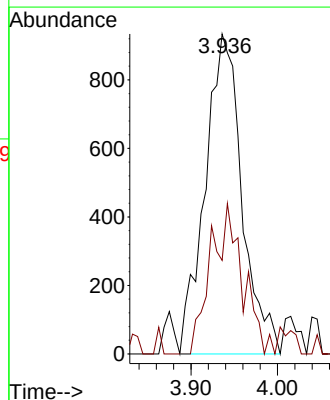
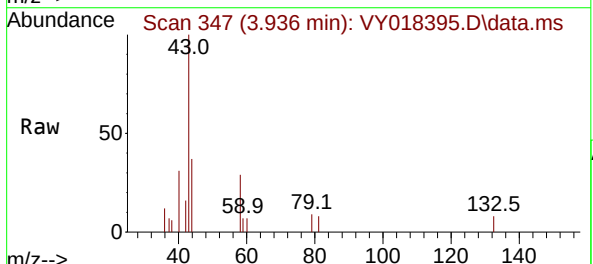
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

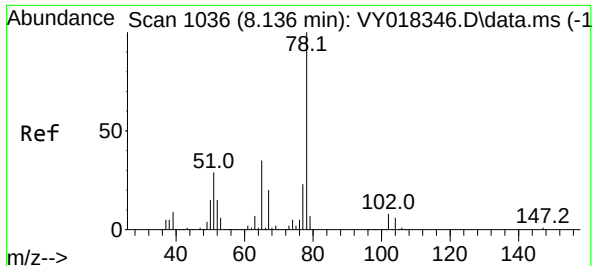
Tgt Ion:168 Resp: 77793
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#16
Acetone
Concen: 18.247 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

Tgt Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#

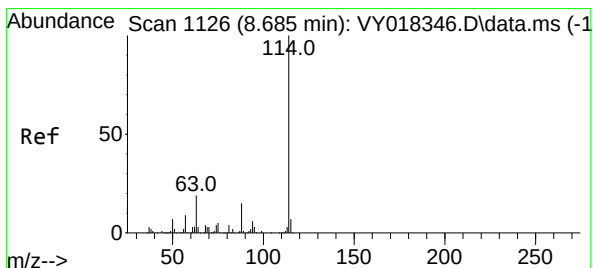
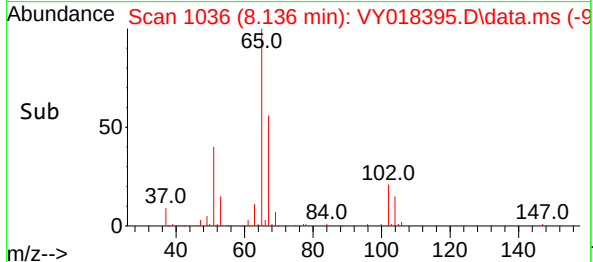
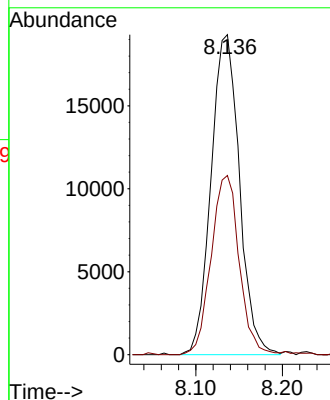
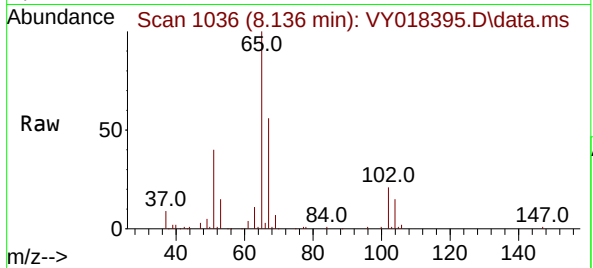




#33
1,2-Dichloroethane-d4
Concen: 59.629 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

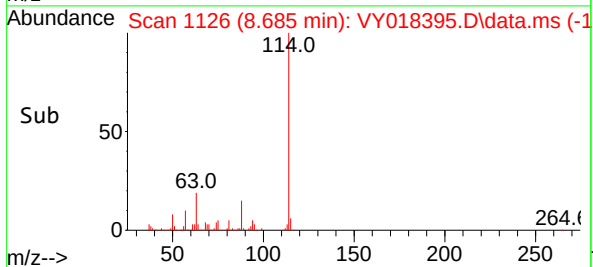
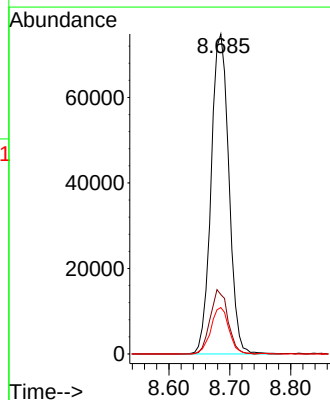
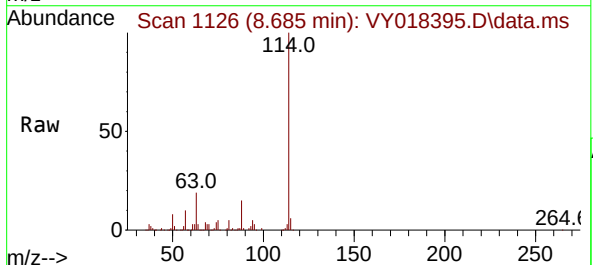
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

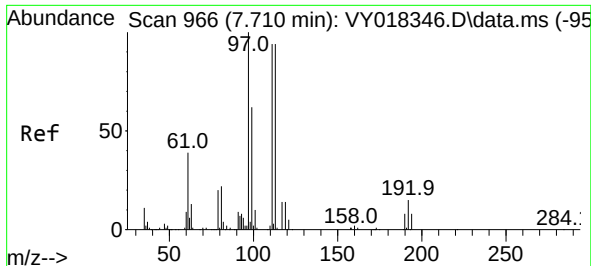
Tgt Ion: 65 Resp: 43948
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

Tgt Ion:114 Resp: 151465
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 14.5 0.0 27.2

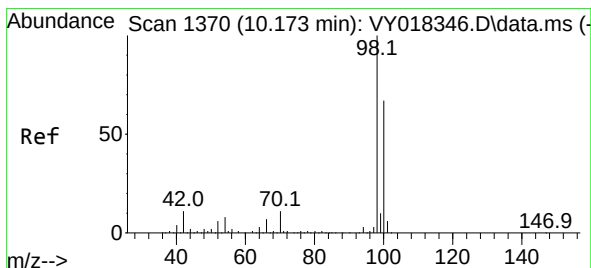
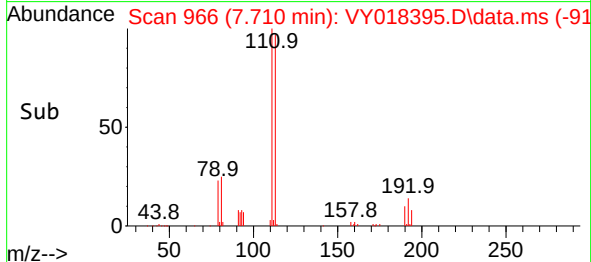
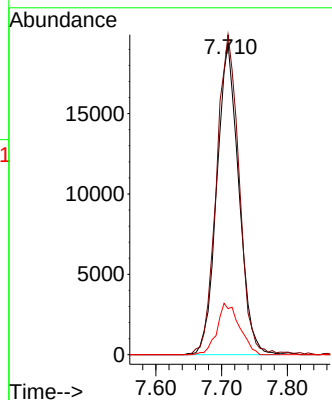
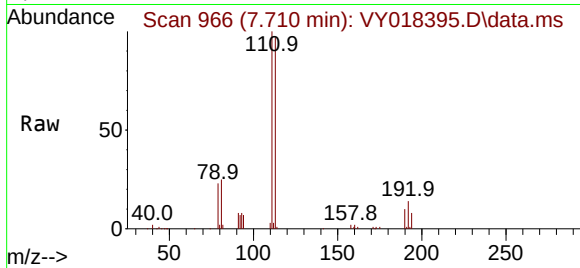




#35
Dibromofluoromethane
Concen: 50.995 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

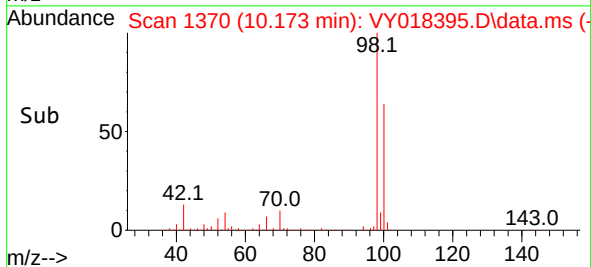
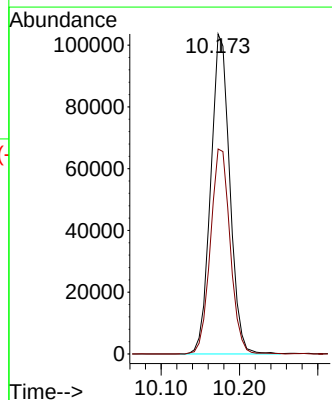
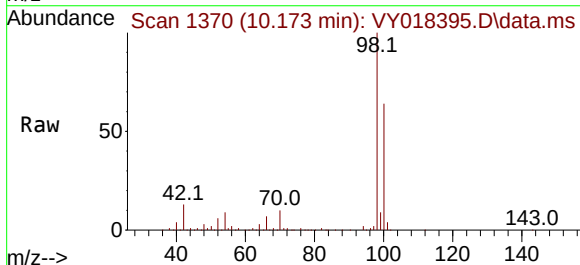
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPT-VOC

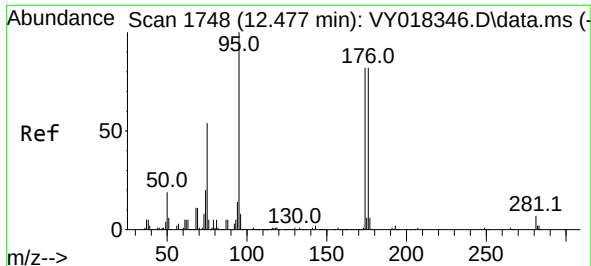
Tgt Ion:113 Resp: 45042
Ion Ratio Lower Upper
113 100
111 106.2 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 50.708 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

Tgt Ion: 98 Resp: 174622
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

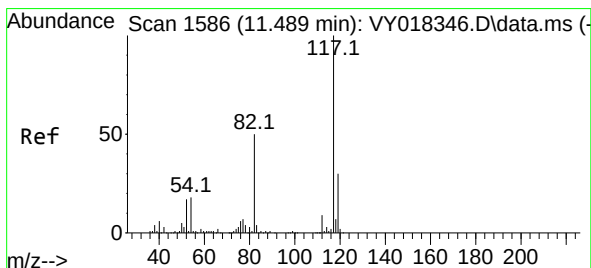
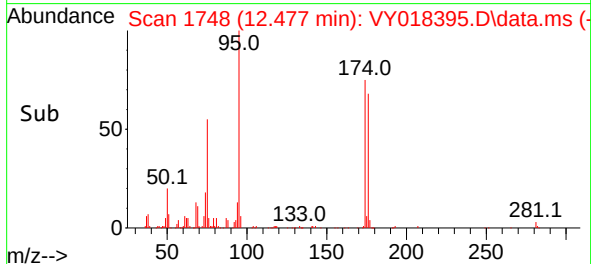
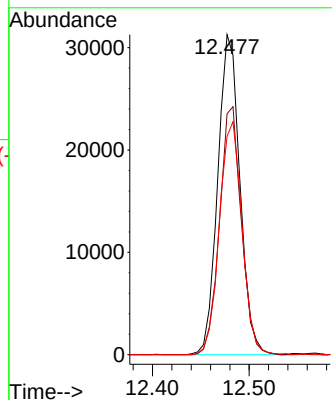
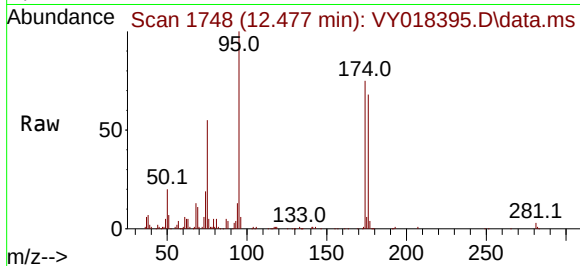




#62
4-Bromofluorobenzene
Concen: 46.565 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

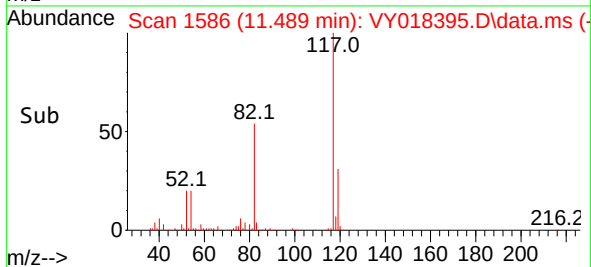
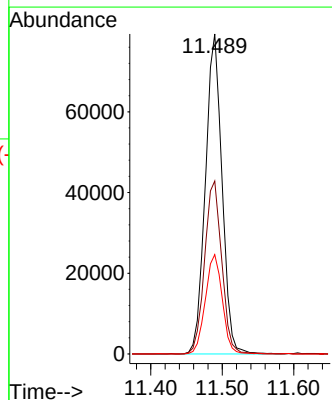
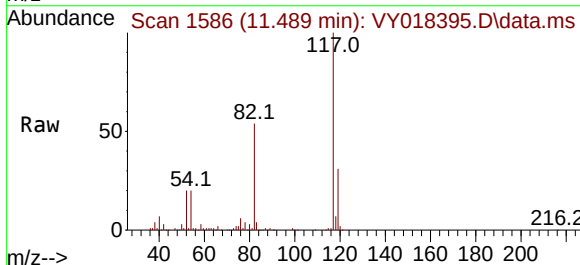
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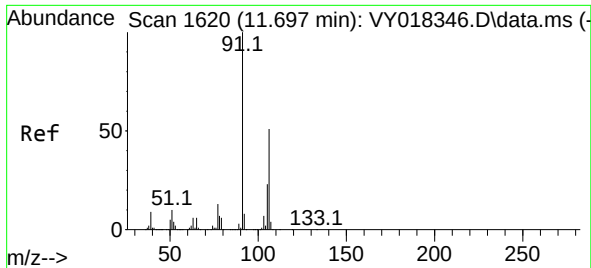
Tgt Ion: 95 Resp: 49549
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 74.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

Tgt Ion: 117 Resp: 128168
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 31.1 25.9 38.9

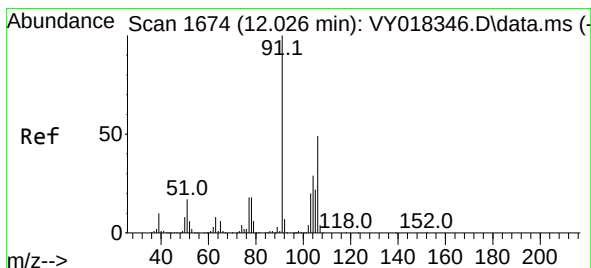
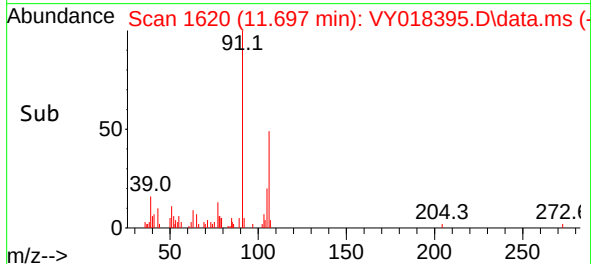
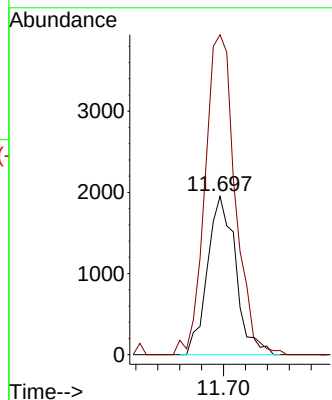
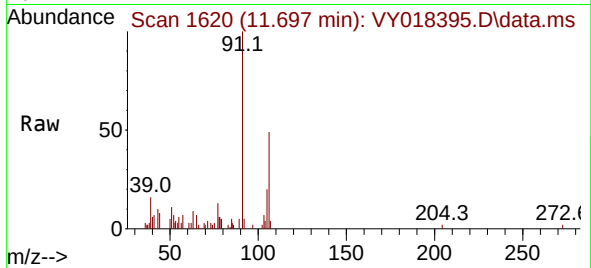




#68
m/p-Xylenes
Concen: 1.951 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

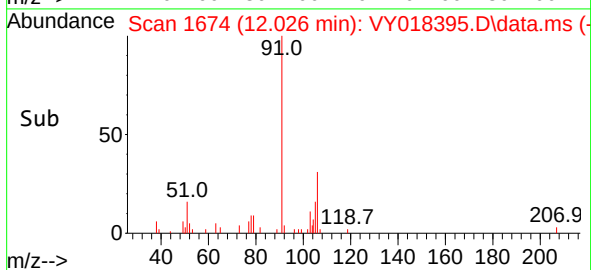
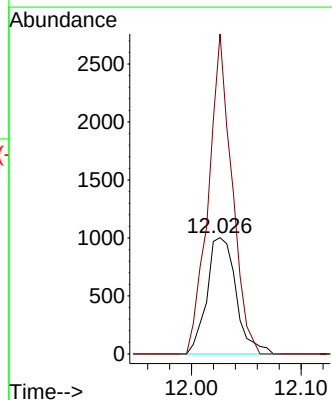
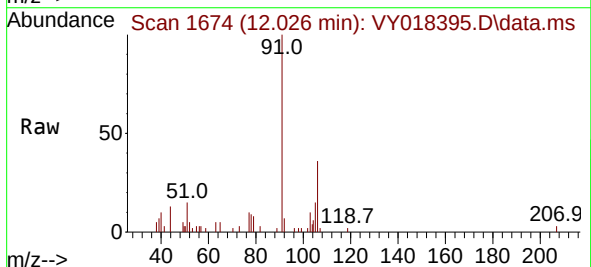
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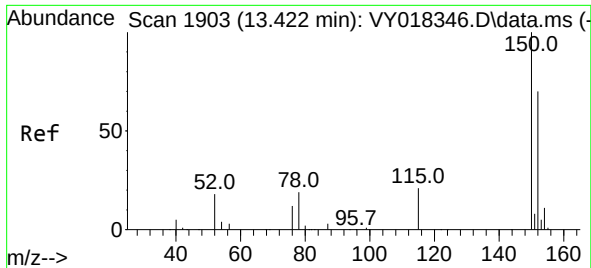
Tgt Ion:106 Resp: 3490
Ion Ratio Lower Upper
106 100
91 216.2 156.0 234.0



#69
o-Xylene
Concen: 1.098 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018395.D
Acq: 29 May 2024 13:27

Tgt Ion:106 Resp: 1854
Ion Ratio Lower Upper
106 100
91 222.1 103.6 310.8

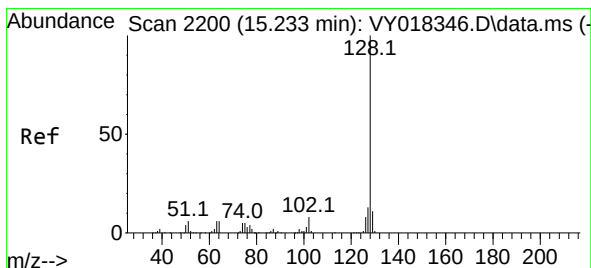
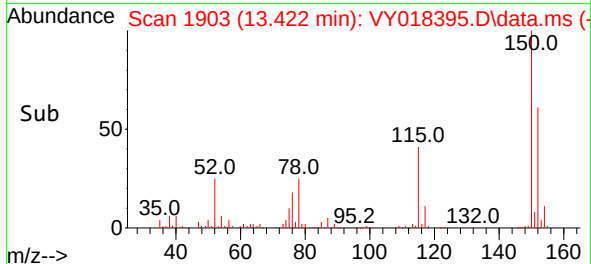
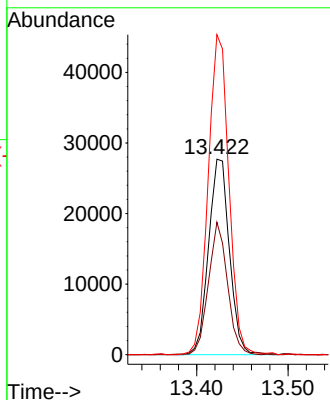
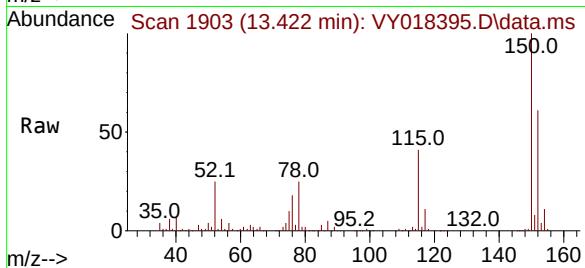




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018395.D
 Acq: 29 May 2024 13:27

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 44009
 Ion Ratio Lower Upper
 152 100
 115 61.8 28.2 84.7
 150 161.9 0.0 345.6



#95
 Naphthalene
 Concen: 1.175 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.006 min
 Lab File: VY018395.D
 Acq: 29 May 2024 13:27

Tgt Ion:128 Resp: 1703
 Ion Ratio Lower Upper
 128 100
 127 4.0 10.6 16.0#
 129 11.8 8.6 13.0

