

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019991.D
 Acq On : 23 Oct 2024 13:59
 Operator : SY/MD
 Sample : P4487-03
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B5-VOC

Quant Time: Oct 23 23:07:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

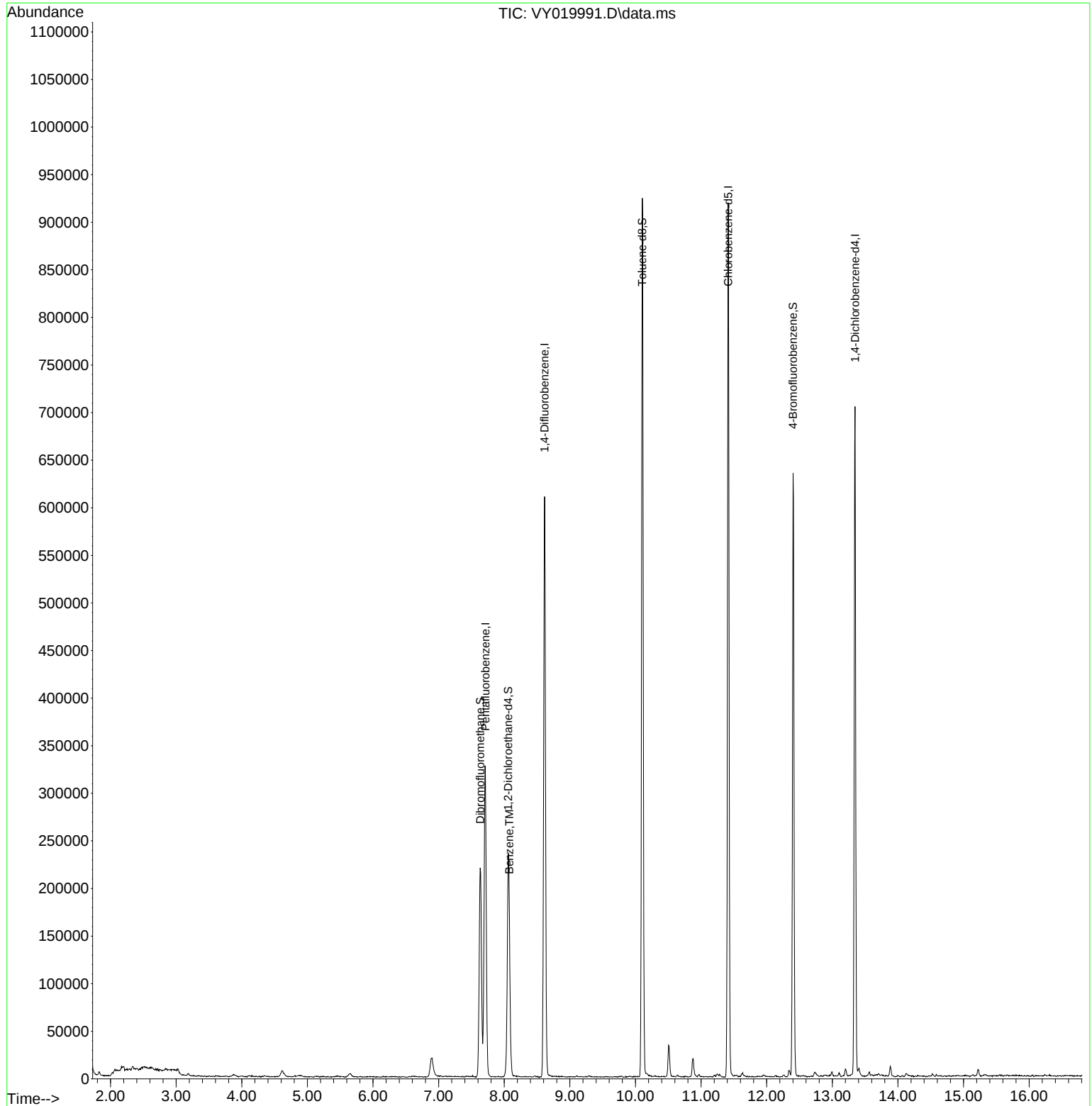
Internal Standards						
1) Pentafluorobenzene	7.713	168	225650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	475577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	431978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	154881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166391	59.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.780%
35) Dibromofluoromethane	7.634	113	155710	49.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.103	98	585722	50.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.402	95	184541	44.069	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.140%
Target Compounds						
40) Benzene	8.079	78	47204	3.450	ug/l	Qvalue 93

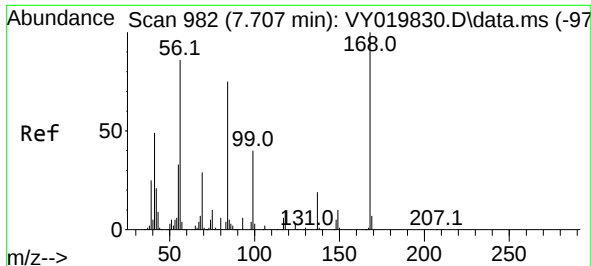
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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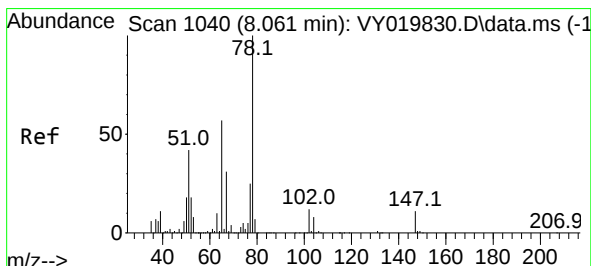
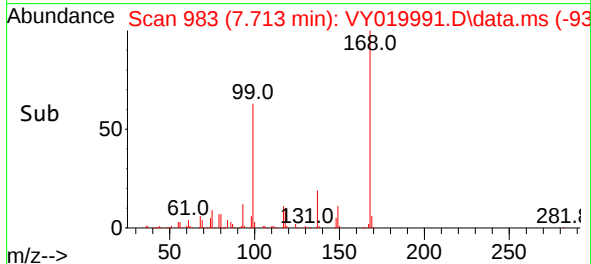
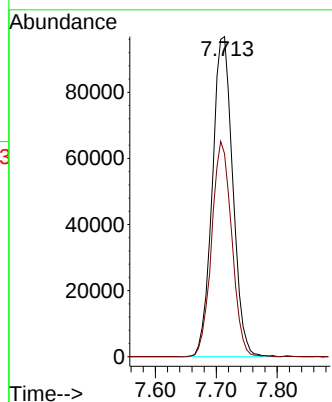
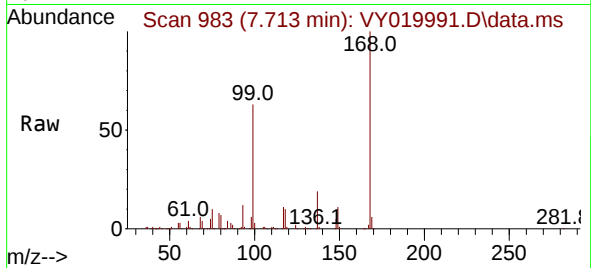




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

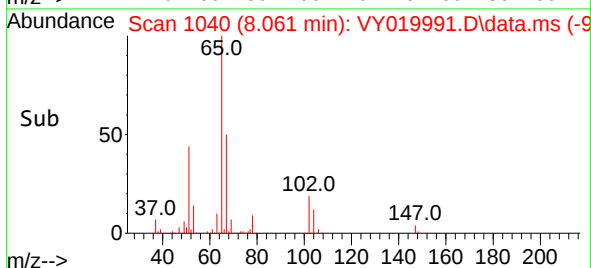
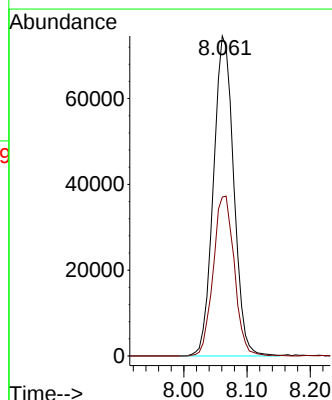
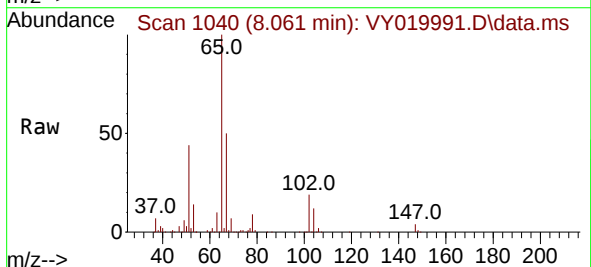
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5-VOC

Tgt Ion:168 Resp: 225650
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.887 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion: 65 Resp: 166391
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

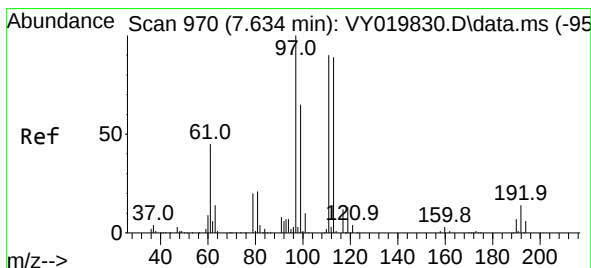
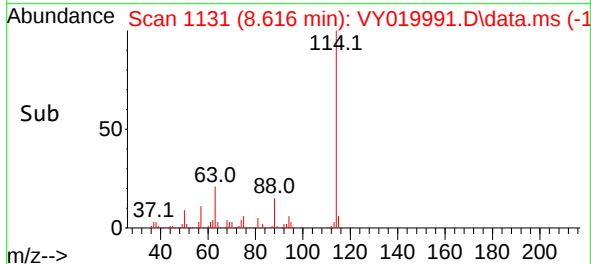
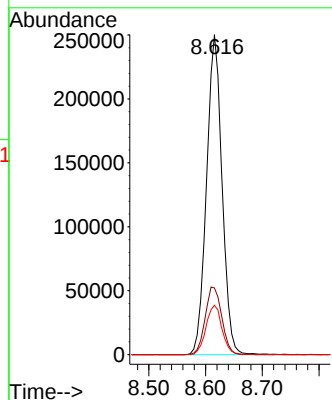
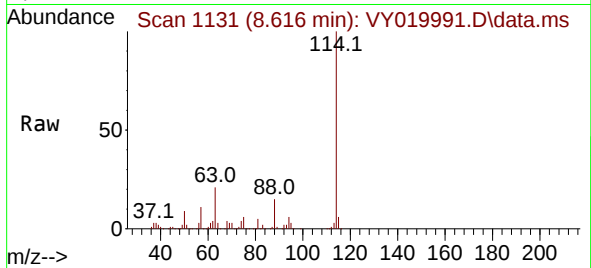




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

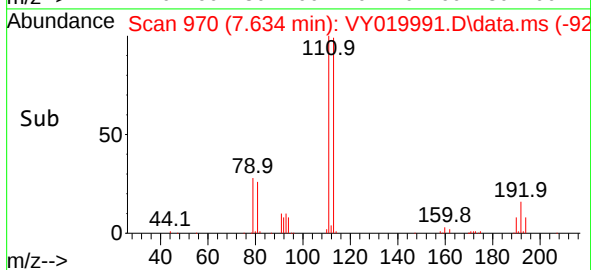
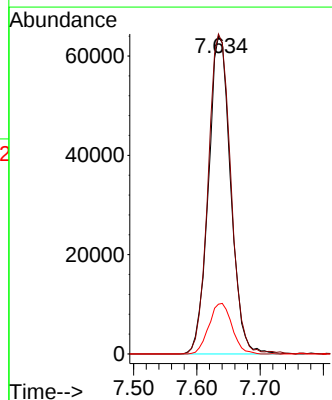
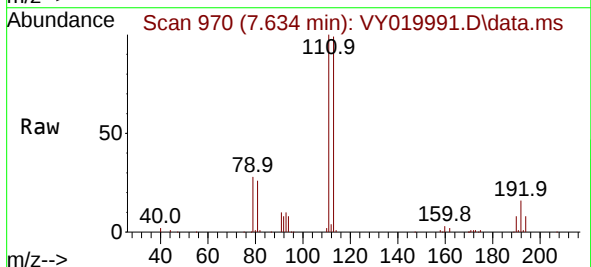
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5-VOC

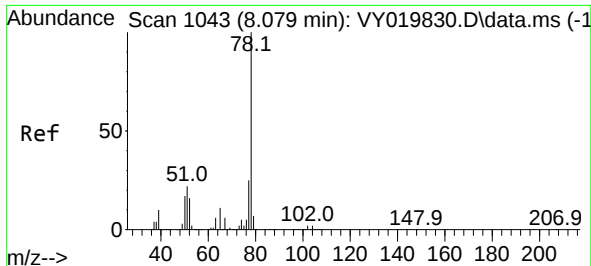
Tgt Ion:114 Resp: 475577
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion:113 Resp: 155710
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.5 15.9 23.9

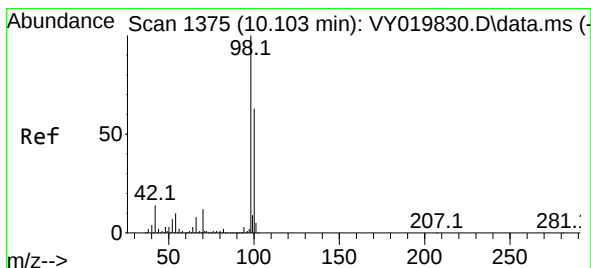
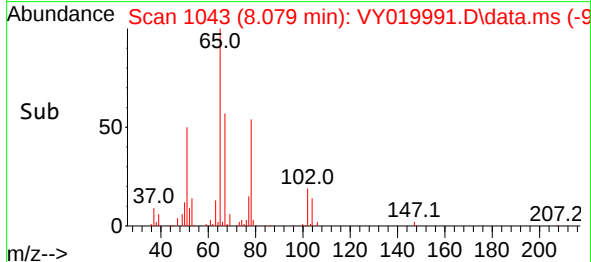
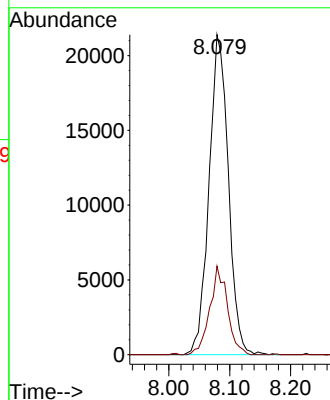
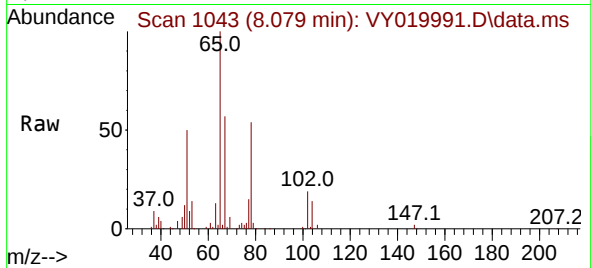




#40
Benzene
Concen: 3.450 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

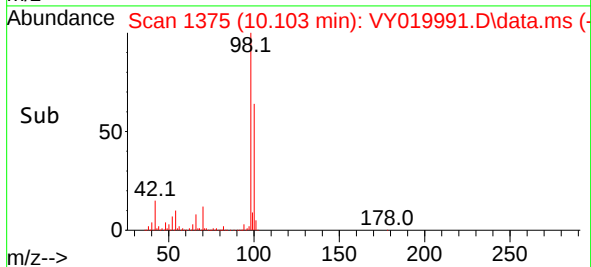
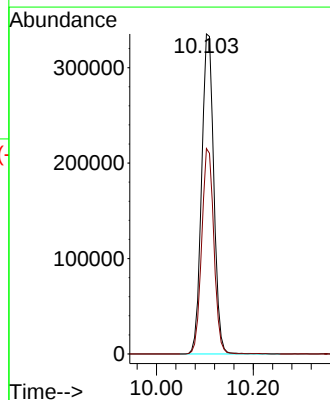
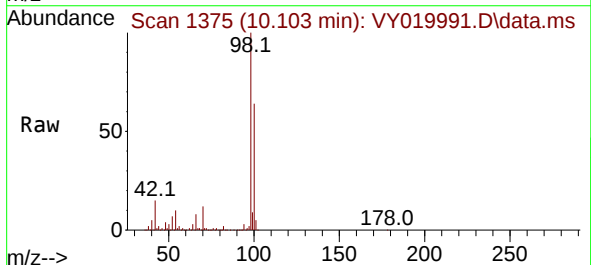
Instrument :
MSVOA_Y
ClientSampleId :
BP-B5-VOC

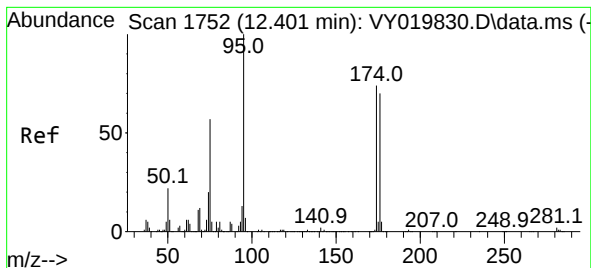
Tgt Ion: 78 Resp: 47204
Ion Ratio Lower Upper
78 100
77 27.7 19.5 29.3



#50
Toluene-d8
Concen: 50.540 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion: 98 Resp: 585722
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

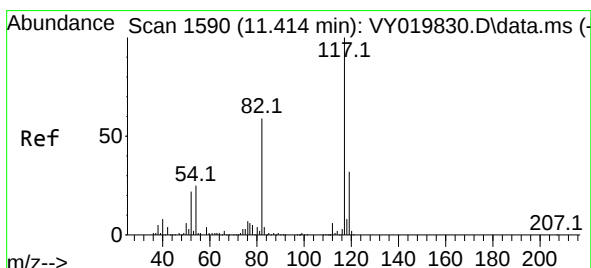
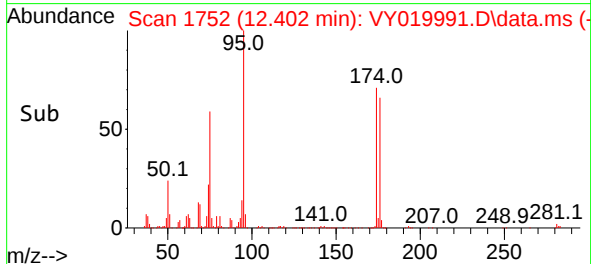
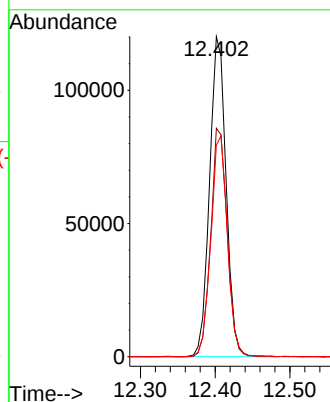
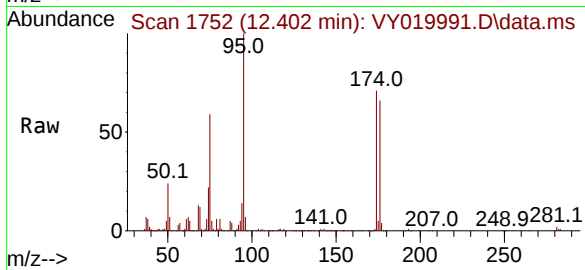




#62
4-Bromofluorobenzene
Concen: 44.069 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

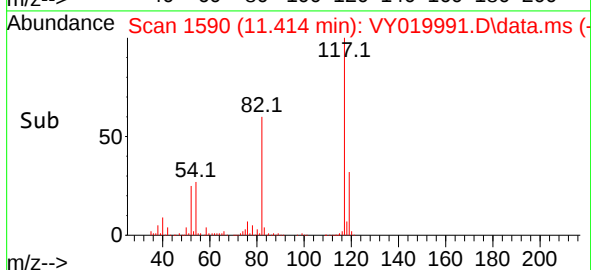
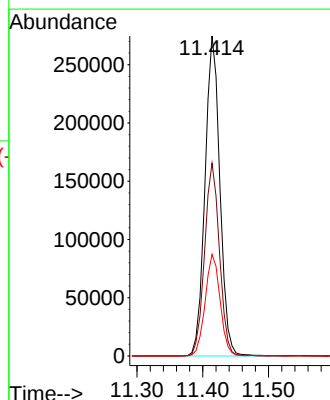
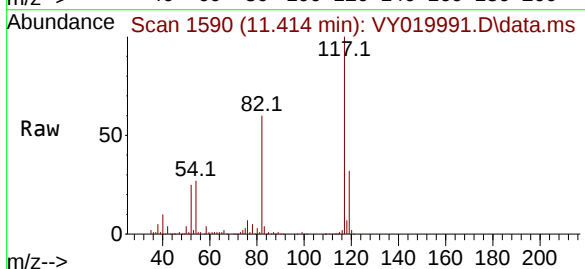
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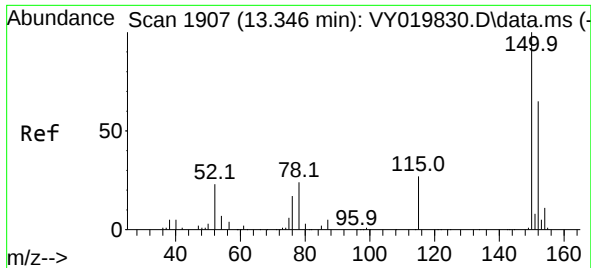
Tgt Ion: 95 Resp: 184541
Ion Ratio Lower Upper
95 100
174 71.3 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

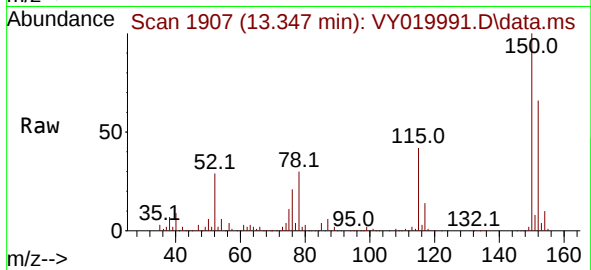
Tgt Ion: 117 Resp: 431978
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019991.D
 Acq: 23 Oct 2024 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B5-VOC



Tgt Ion:152 Resp: 154881

Ion	Ratio	Lower	Upper
152	100		
115	63.5	28.2	84.7
150	156.2	0.0	345.6

