

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016371.D
 Acq On : 15 Nov 2023 17:08
 Operator : SY/MD
 Sample : 05432-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Nov 16 00:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

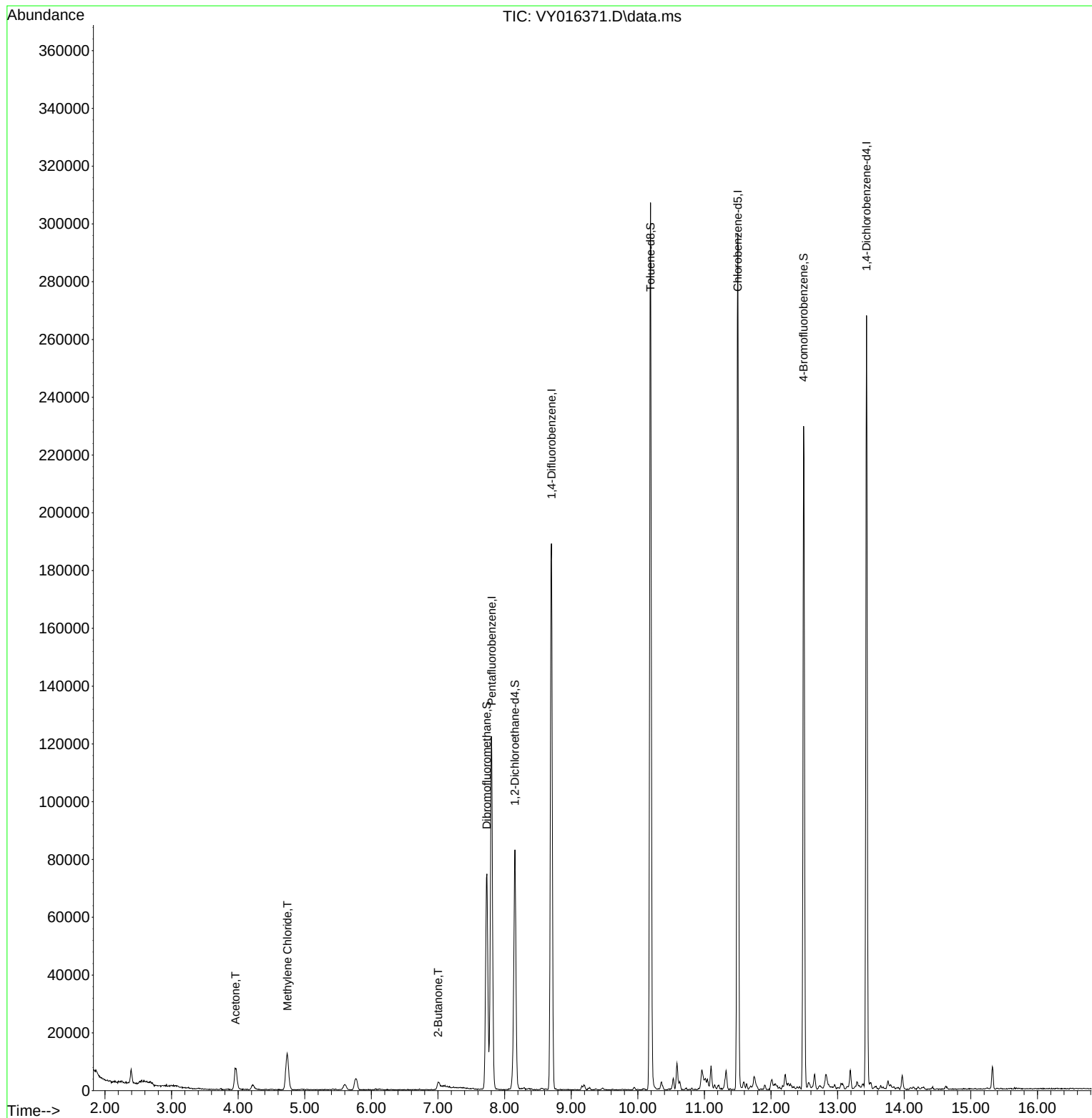
Internal Standards						
1) Pentafluorobenzene	7.807	168	94281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	168503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61942	71.884	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 143.760%		
35) Dibromofluoromethane	7.734	113	54001	56.415	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.840%		
50) Toluene-d8	10.191	98	200897	51.755	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.520%		
62) 4-Bromofluorobenzene	12.489	95	67122	53.242	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 106.480%		
Target Compounds						
						Qvalue
16) Acetone	3.960	43	13880	97.380	ug/l	97
20) Methylene Chloride	4.741	84	9750	6.666	ug/l	89
25) 2-Butanone	7.002	43	4262	17.071	ug/l	99

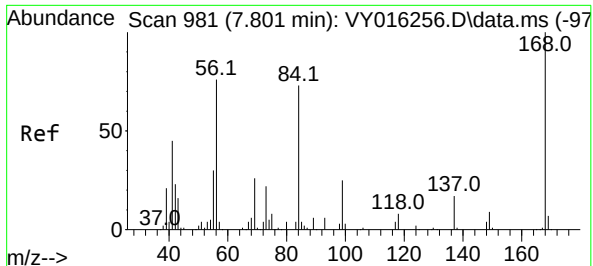
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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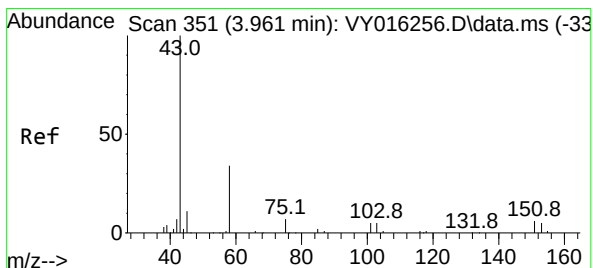
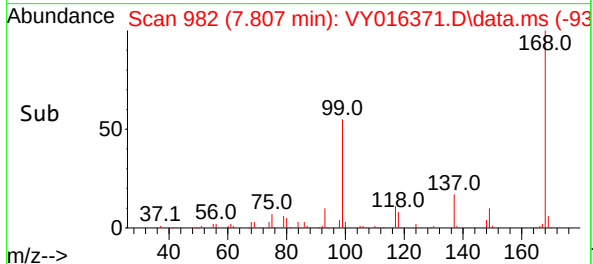
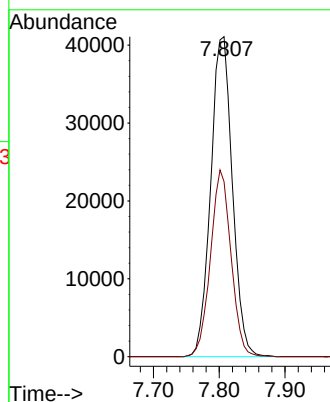
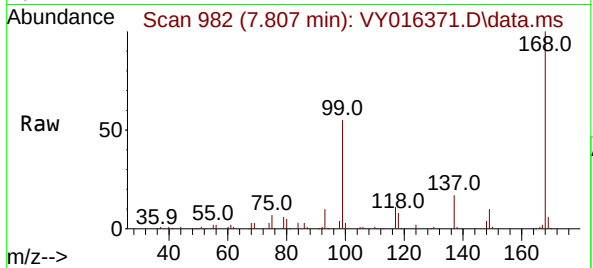




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

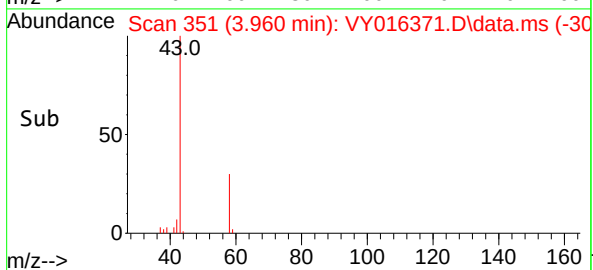
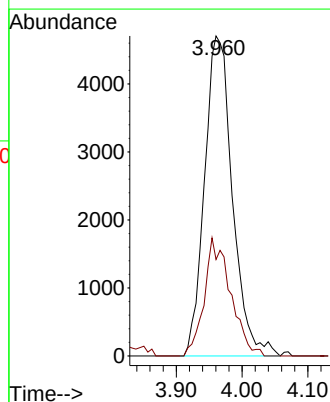
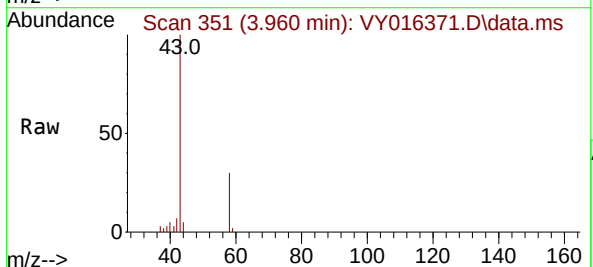
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

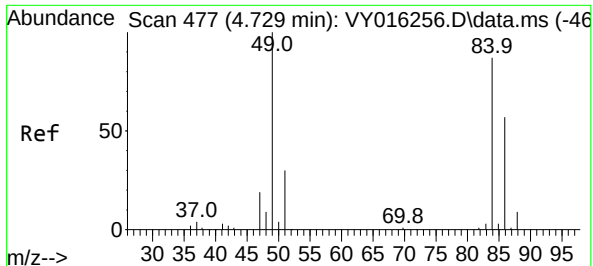
Tgt Ion:168 Resp: 94281
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 97.380 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

Tgt Ion: 43 Resp: 13880
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1



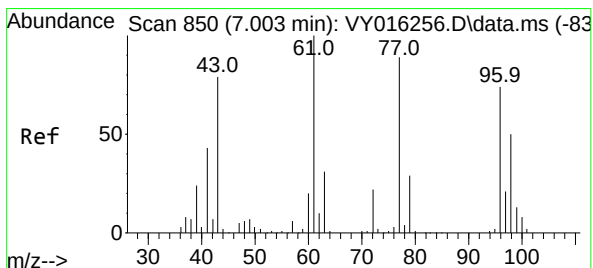
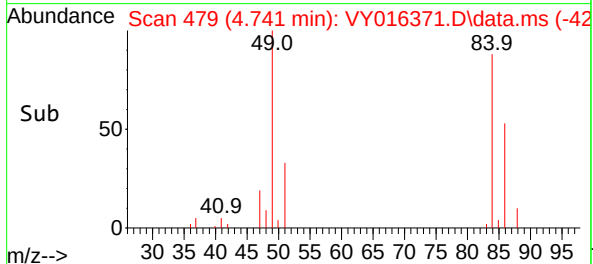
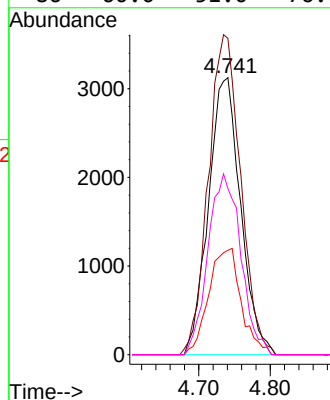
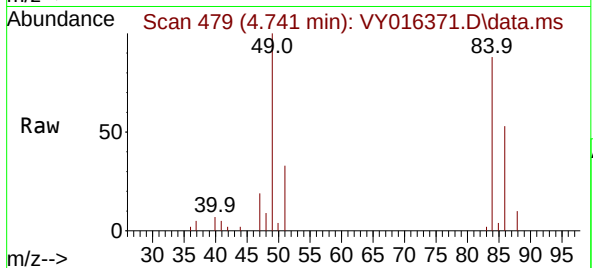


#20
Methylene Chloride
Concen: 6.666 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

Tgt Ion: 84 Resp: 9750

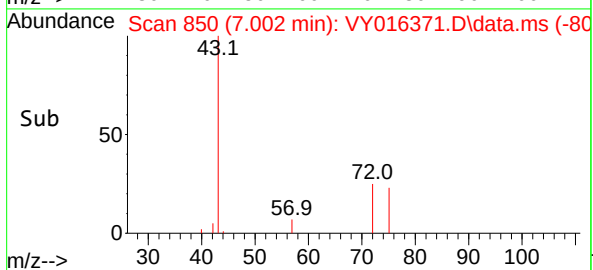
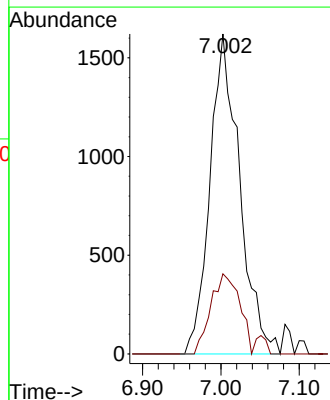
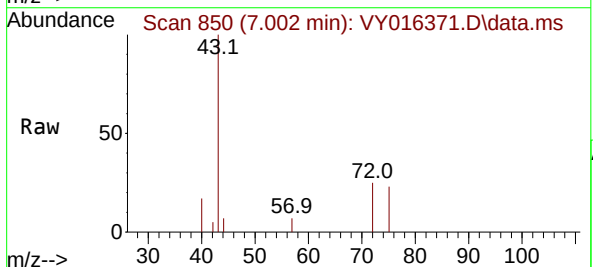
Ion	Ratio	Lower	Upper
84	100		
49	114.2	106.9	160.3
51	37.7	33.2	49.8
86	60.0	51.0	76.6

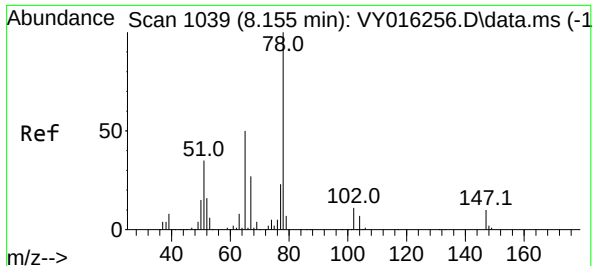


#25
2-Butanone
Concen: 17.071 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

Tgt Ion: 43 Resp: 4262

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 71.884 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016371.D

Acq: 15 Nov 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

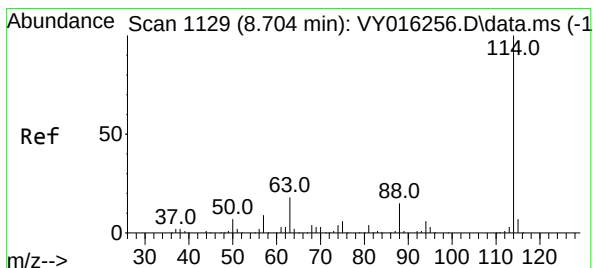
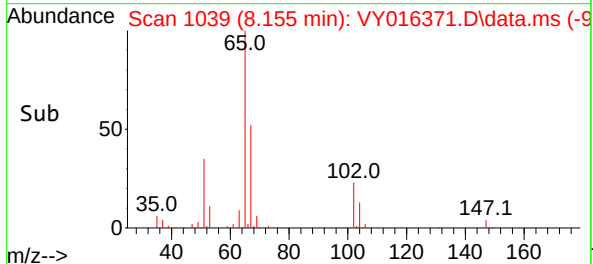
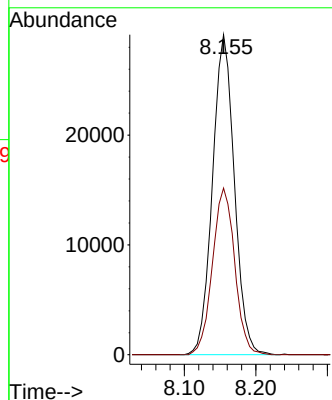
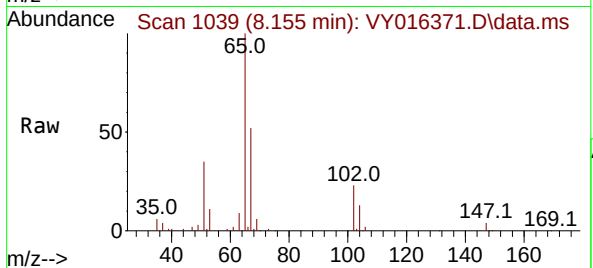
TP-7-VOC

Tgt Ion: 65 Resp: 61942

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016371.D

Acq: 15 Nov 2023 17:08

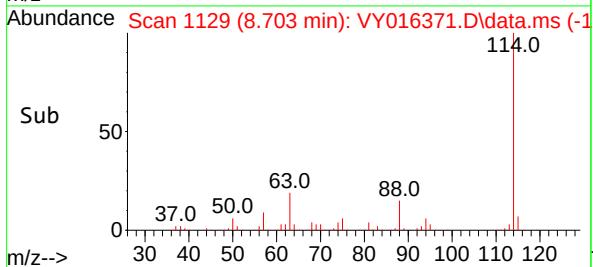
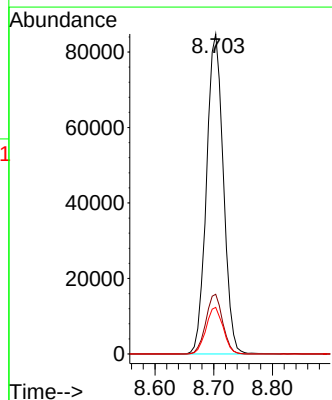
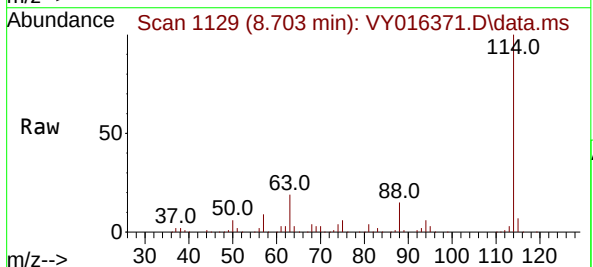
Tgt Ion: 114 Resp: 168503

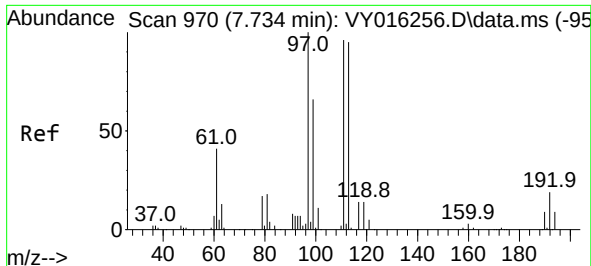
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.6 0.0 30.6

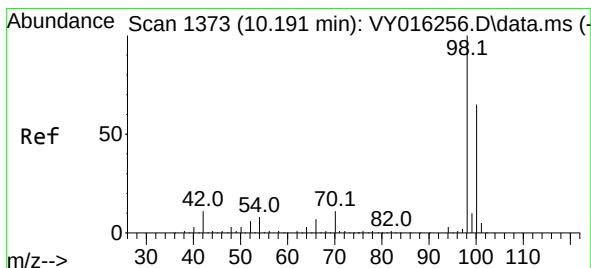
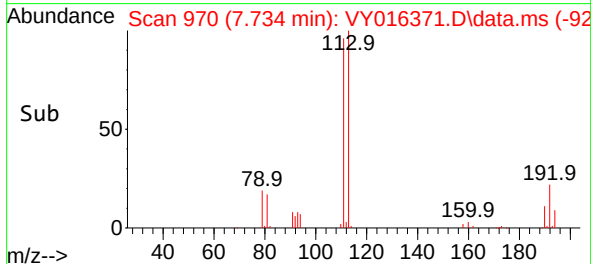
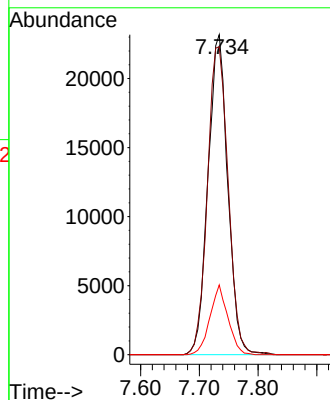
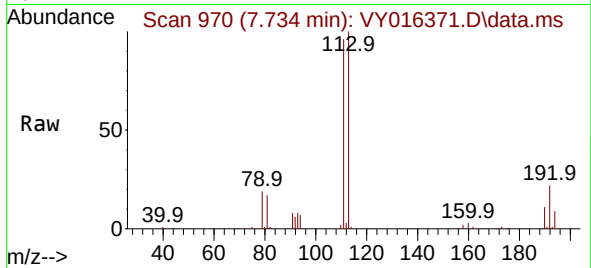




#35
Dibromofluoromethane
Concen: 56.415 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

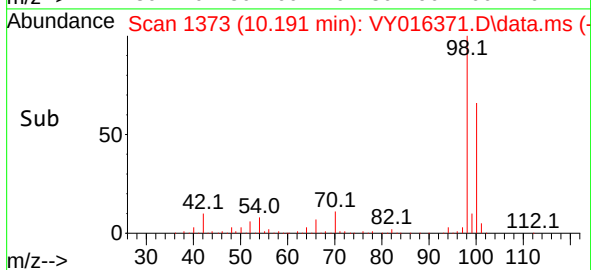
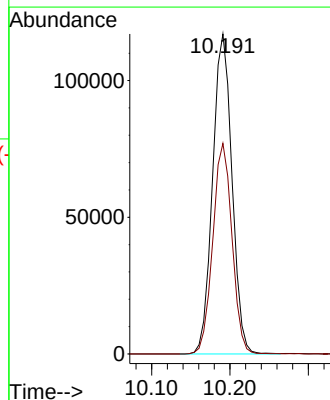
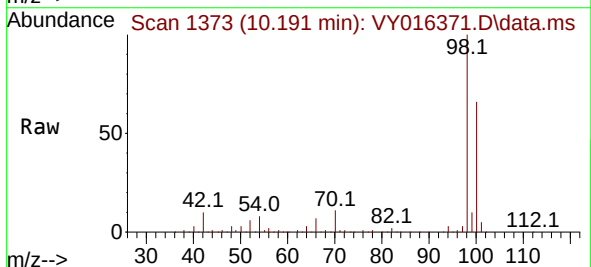
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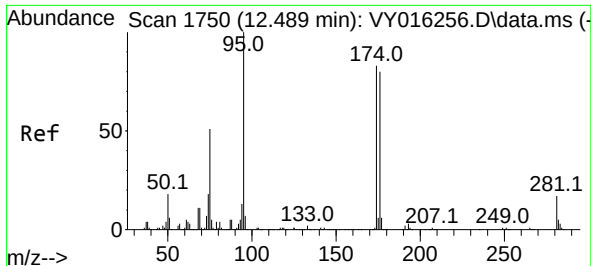
Tgt Ion:113 Resp: 54001
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 51.755 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

Tgt Ion: 98 Resp: 200897
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

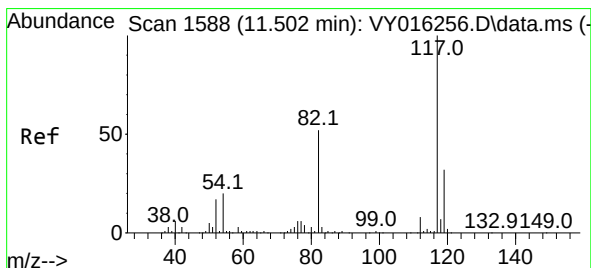
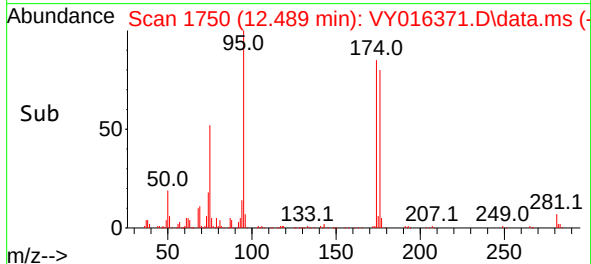
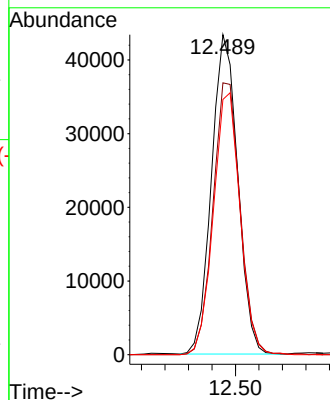
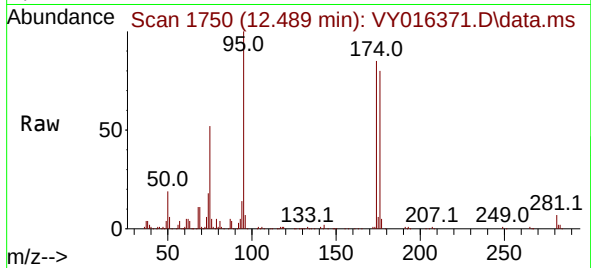




#62
4-Bromofluorobenzene
Concen: 53.242 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

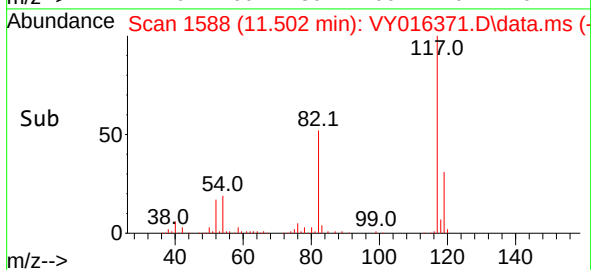
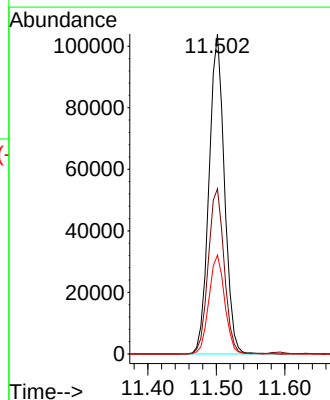
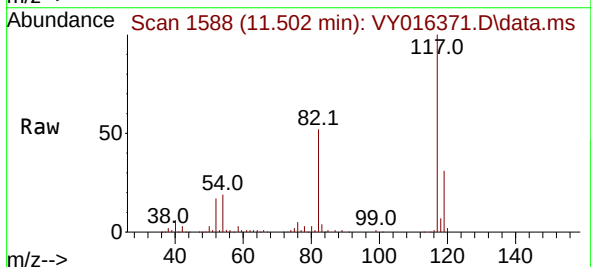
Instrument :
MSVOA_Y
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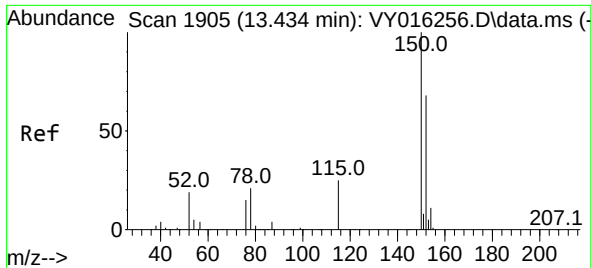
Tgt Ion: 95 Resp: 67122
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.2
176 83.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016371.D
Acq: 15 Nov 2023 17:08

Tgt Ion: 117 Resp: 162713
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 30.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016371.D
 Acq: 15 Nov 2023 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Tgt Ion:152 Resp: 68722
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.8 86.5
 150 158.7 0.0 348.8

