

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020064.D
 Acq On : 29 Oct 2024 16:22
 Operator : SY/MD
 Sample : P4598-11
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-VOC

Quant Time: Oct 30 01:26:52 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)

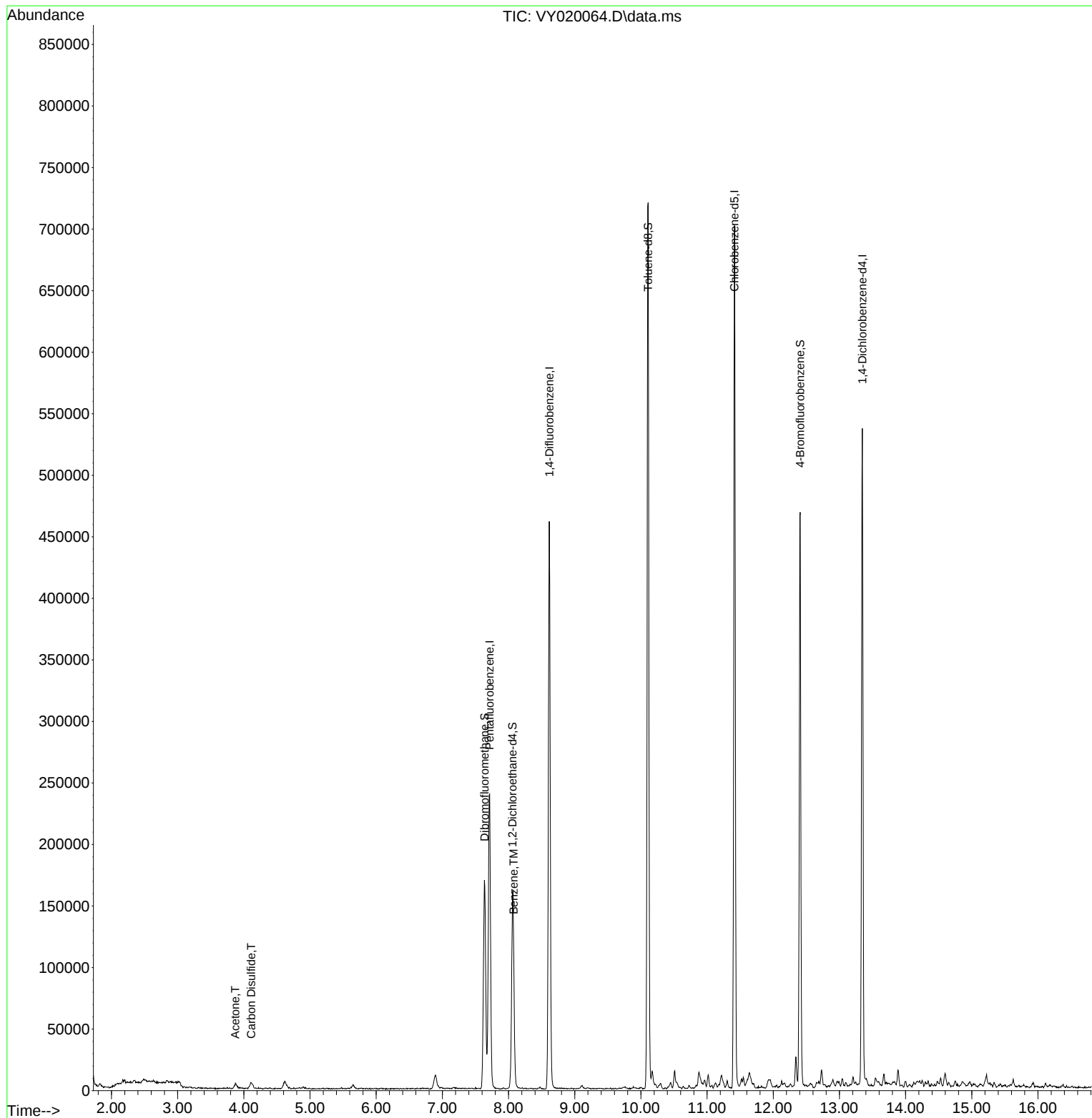
Internal Standards						
1) Pentafluorobenzene	7.713	168	166280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	358953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120428	58.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.640	113	120376	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.109	98	452263	51.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.408	95	135360	42.827	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	7518	14.106	ug/l	# 87
17) Carbon Disulfide	4.110	76	9329	1.951	ug/l	# 92
40) Benzene	8.079	78	12759	1.235	ug/l	100

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

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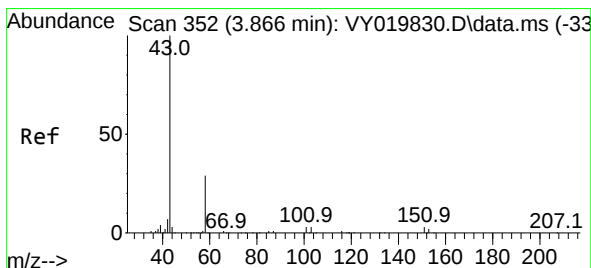
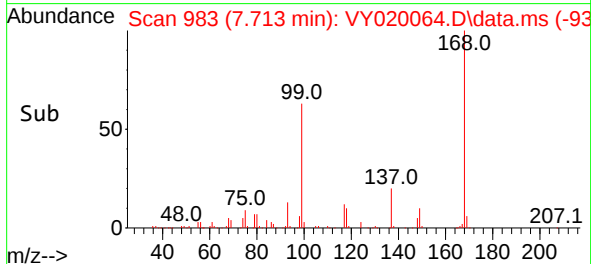
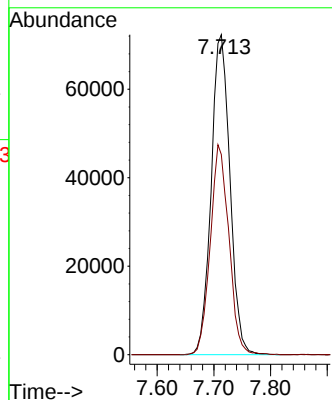
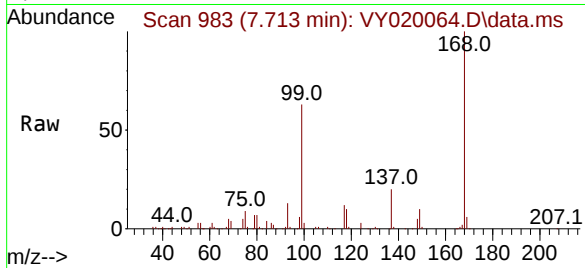




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

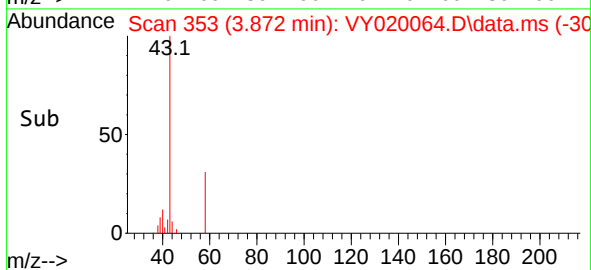
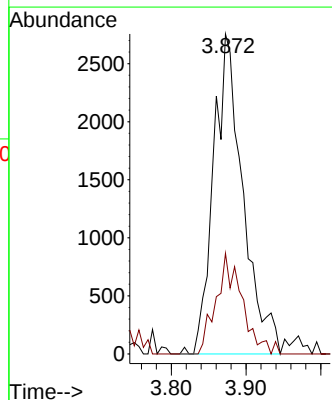
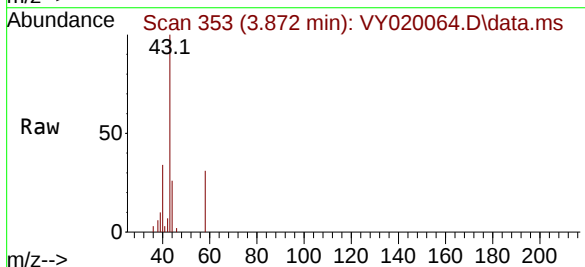
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-VOC

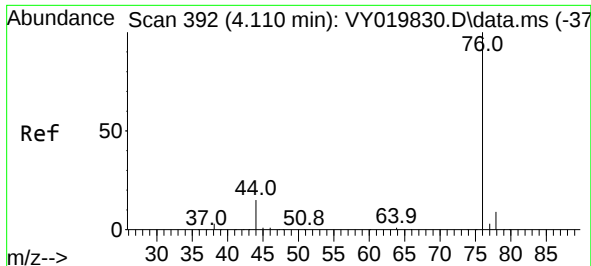
Tgt Ion:168 Resp: 166280
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#16
Acetone
Concen: 14.106 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 43 Resp: 7518
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.951 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

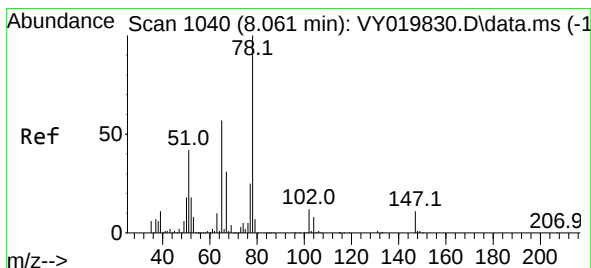
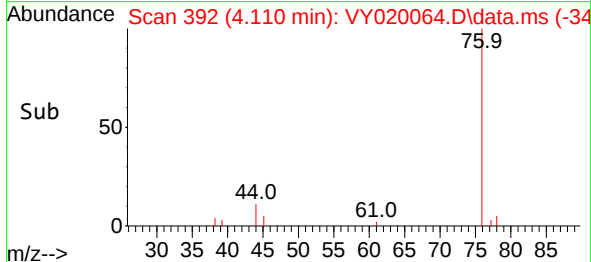
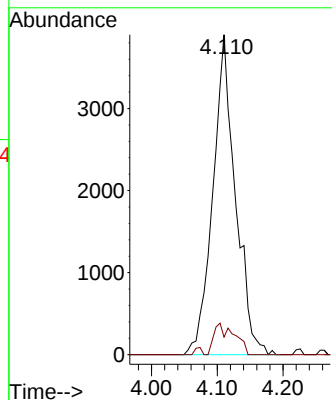
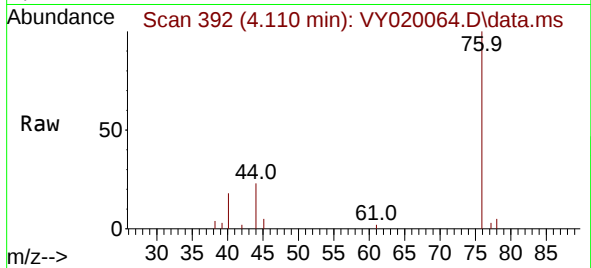
TP-8-VOC

Tgt Ion: 76 Resp: 9329

Ion Ratio Lower Upper

76 100

78 5.5 6.8 10.2#



#33

1,2-Dichloroethane-d4

Concen: 58.820 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020064.D

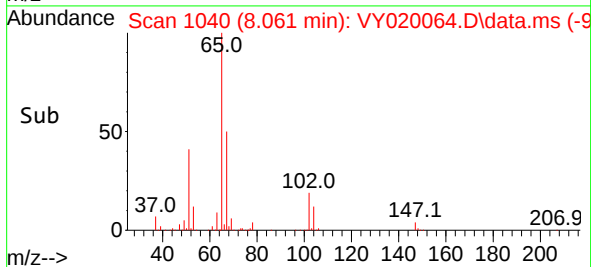
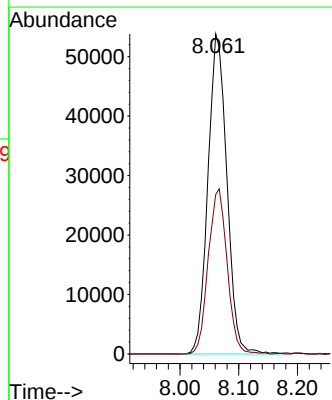
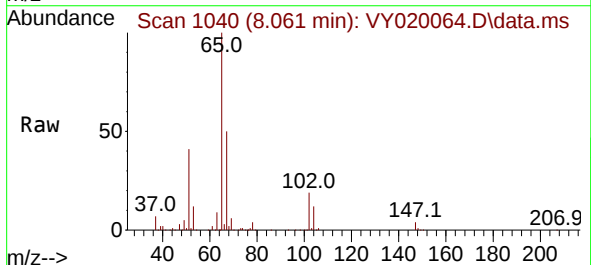
Acq: 29 Oct 2024 16:22

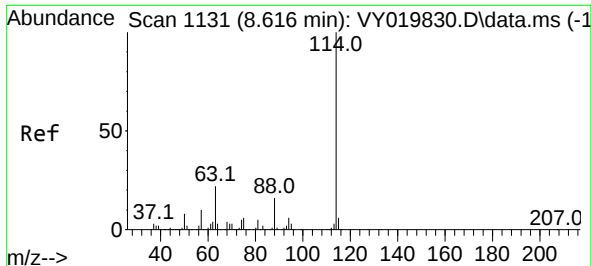
Tgt Ion: 65 Resp: 120428

Ion Ratio Lower Upper

65 100

67 51.5 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: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-8-VOC

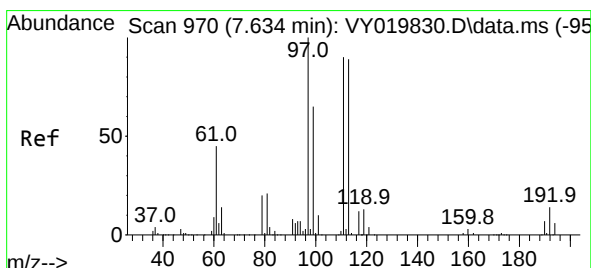
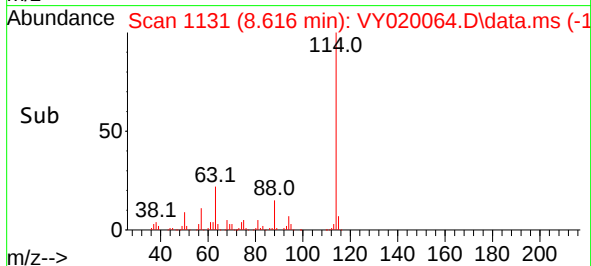
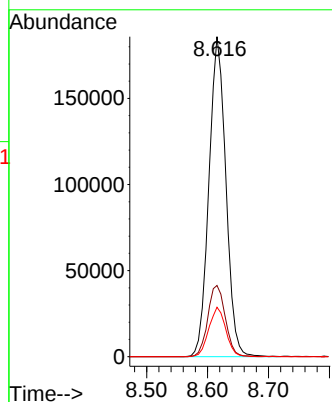
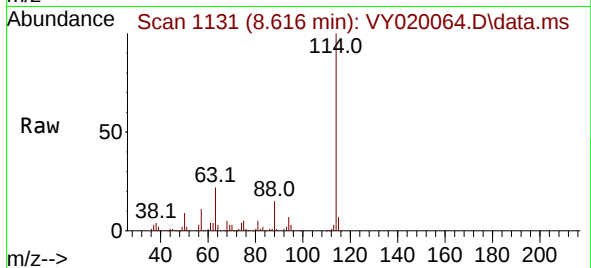
Tgt Ion:114 Resp: 358953

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.820 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

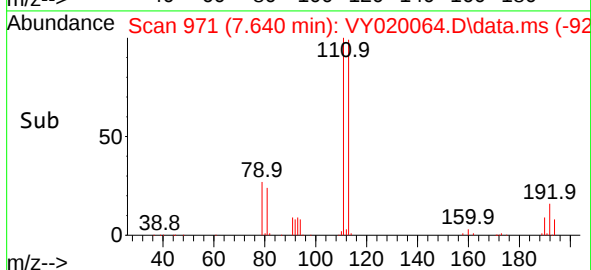
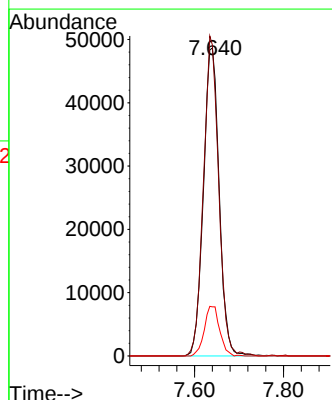
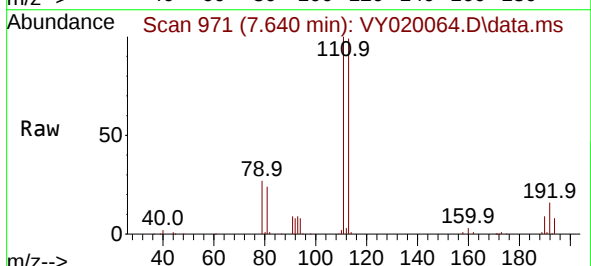
Tgt Ion:113 Resp: 120376

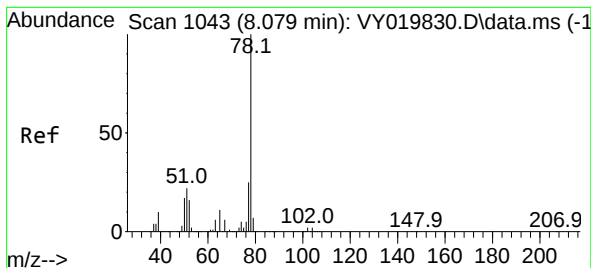
Ion Ratio Lower Upper

113 100

111 100.1 82.2 123.4

192 15.7 15.9 23.9#





#40

Benzene

Concen: 1.235 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

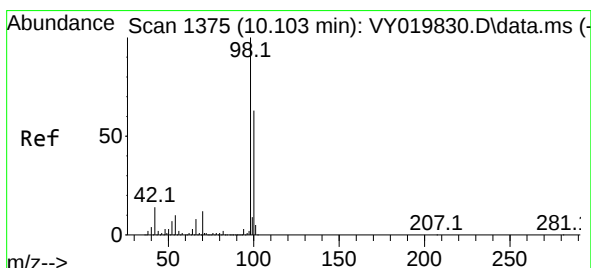
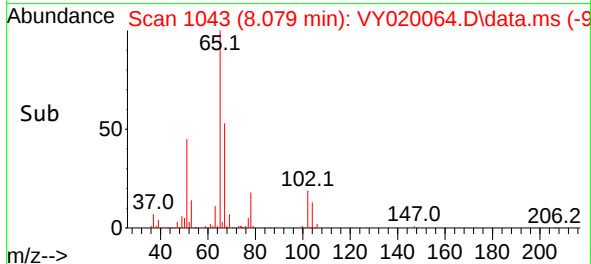
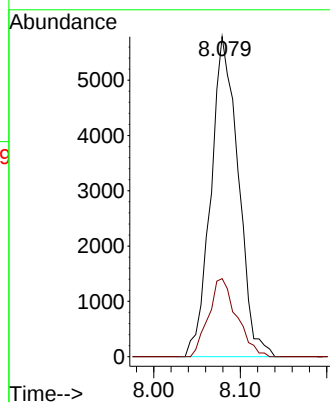
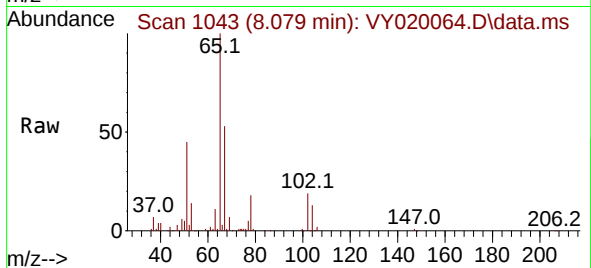
TP-8-VOC

Tgt Ion: 78 Resp: 12759

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



#50

Toluene-d8

Concen: 51.703 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020064.D

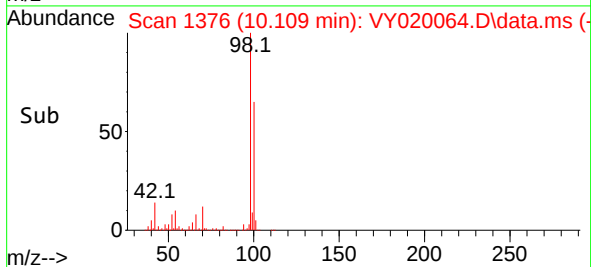
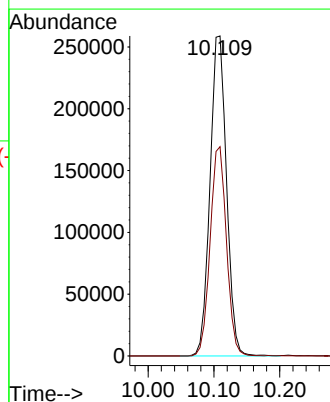
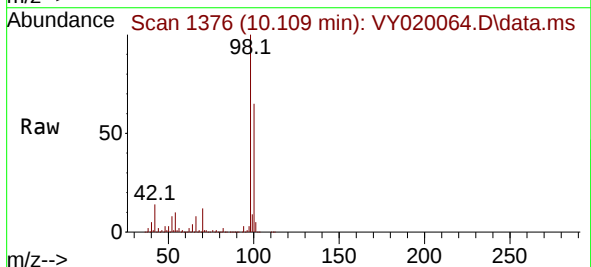
Acq: 29 Oct 2024 16:22

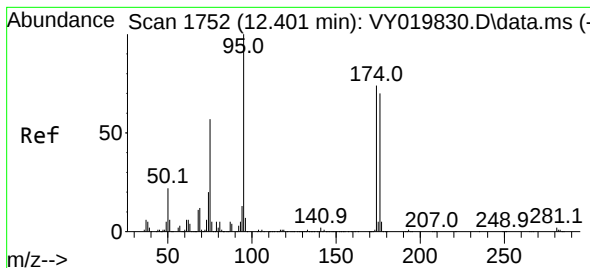
Tgt Ion: 98 Resp: 452263

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

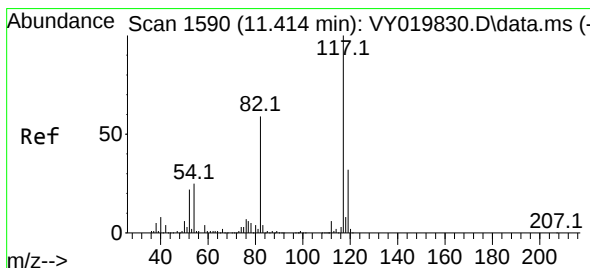
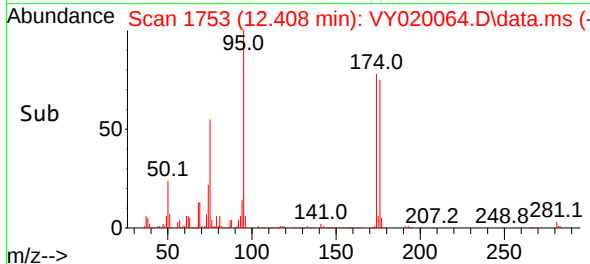
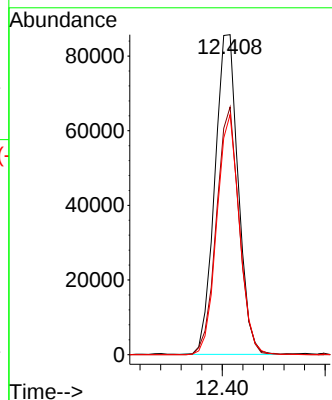
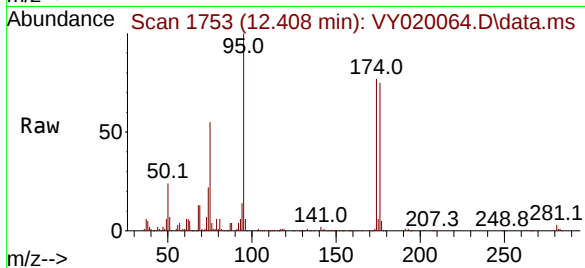




#62
4-Bromofluorobenzene
Concen: 42.827 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

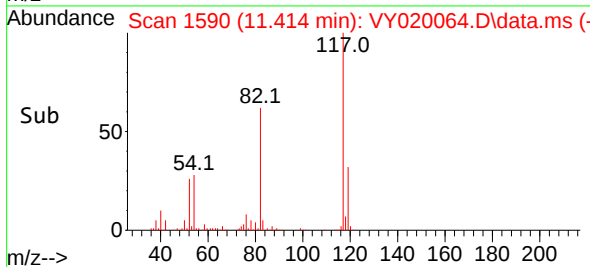
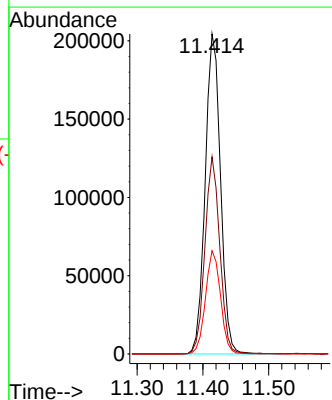
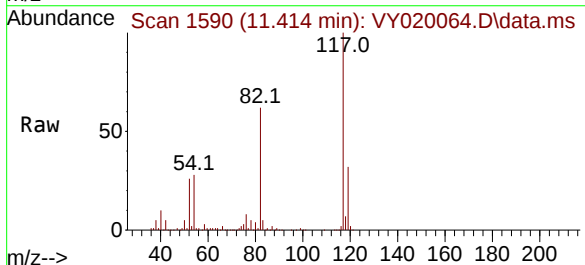
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-VOC

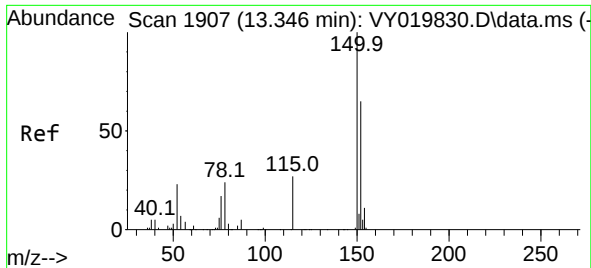
Tgt Ion: 95 Resp: 135360
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

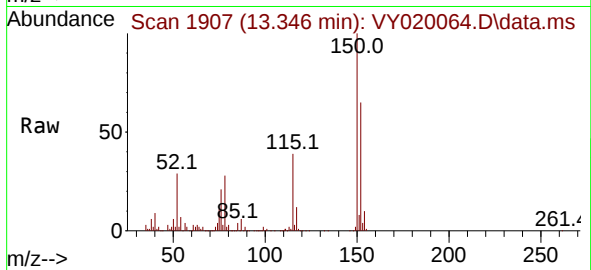
Tgt Ion: 117 Resp: 331480
Ion Ratio Lower Upper
117 100
82 61.6 42.4 63.6
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020064.D
 Acq: 29 Oct 2024 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-VOC



Tgt Ion:152 Resp: 117630

Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.2	84.7
150	157.1	0.0	345.6

