

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018126.D
 Acq On : 02 May 2024 18:52
 Operator : SY/MD
 Sample : P2330-15
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3(0.5-1.5)

Quant Time: May 02 23:08:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

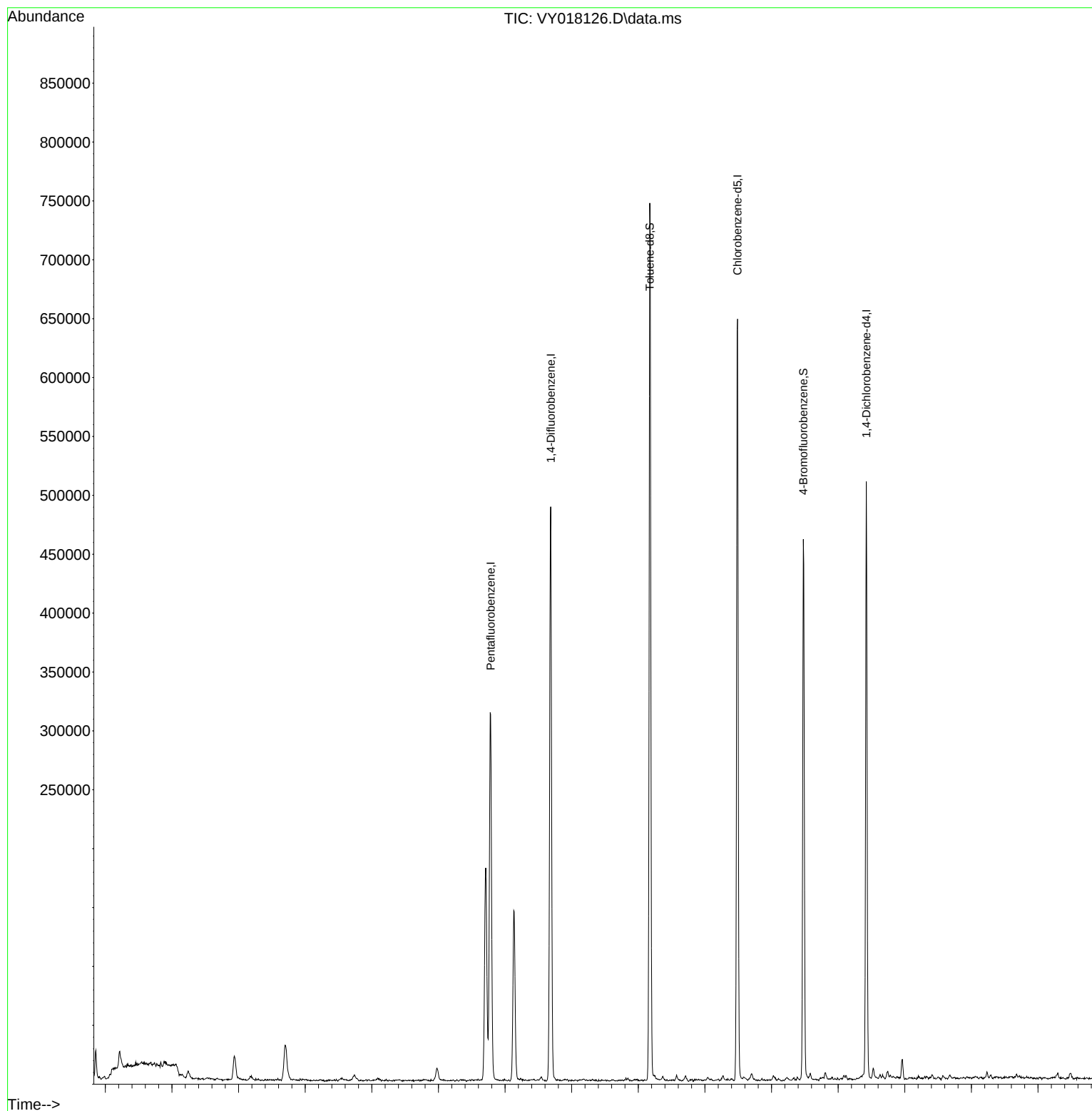
Internal Standards						
1) Pentafluorobenzene	7.783	168	260312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106280	51.797	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.600%	
35) Dibromofluoromethane	7.710	113	131671	50.285	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.173	98	499804	48.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	12.477	95	144226	40.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.000%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	35973	92.028	ug/l	97
20) Methylene Chloride	4.698	84	24306	8.874	ug/l	95
25) 2-Butanone	6.972	43	16058	26.406	ug/l	95

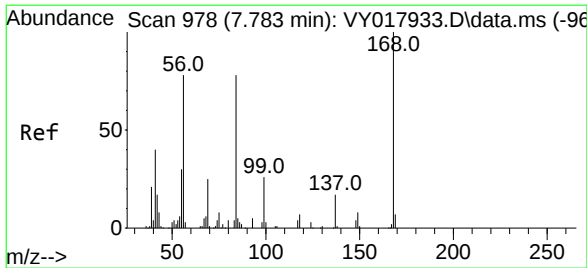
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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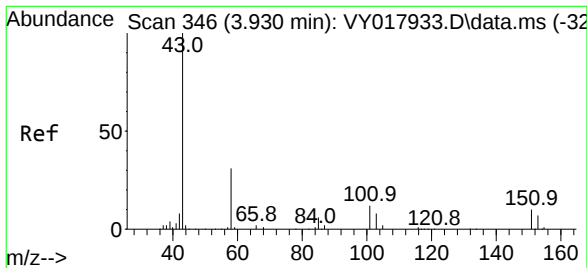
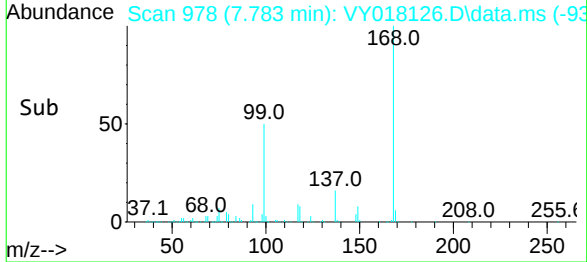
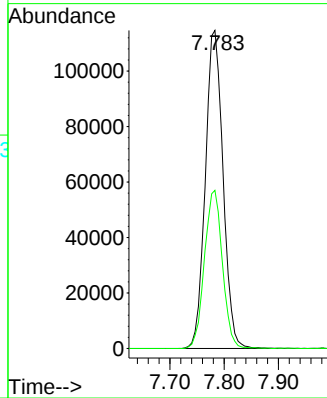
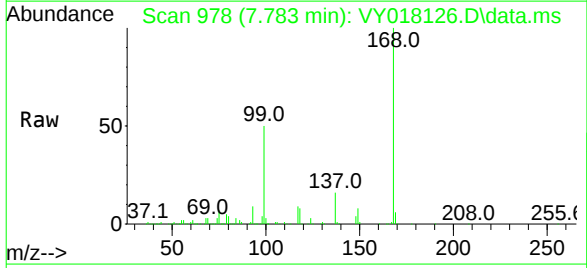




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

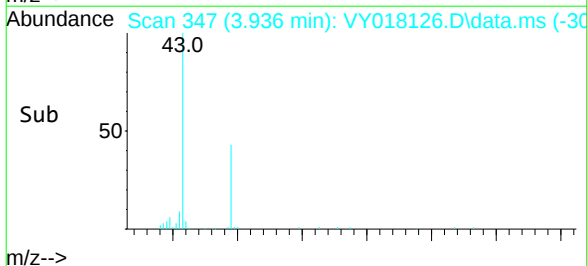
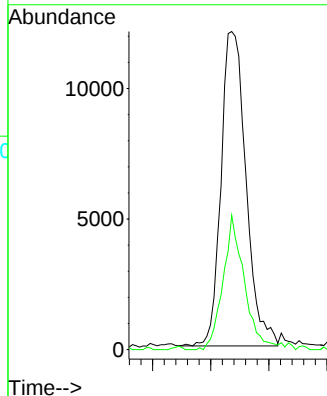
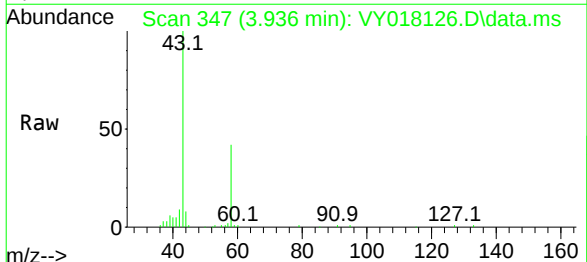
Instrument :
MSVOA_Y
ClientSampleId :
C-3(0.5-1.5)

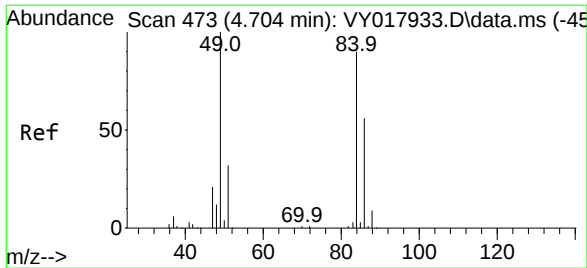
Tgt Ion:168 Resp: 260312
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 92.028 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 43 Resp: 35973
Ion Ratio Lower Upper
43 100
58 41.6 31.7 47.5





#20

Methylene Chloride

Concen: 8.874 ug/l

RT: 4.698 min Scan# 47

Delta R.T. -0.018 min

Lab File: VY018126.D

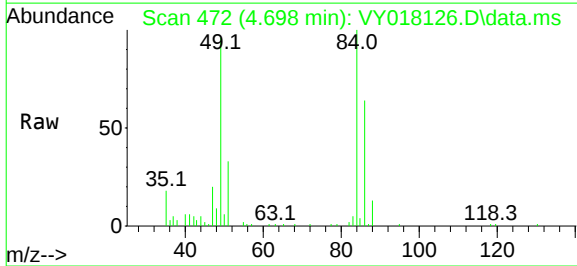
Acq: 02 May 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

C-3(0.5-1.5)



Tgt Ion: 84 Resp: 24306

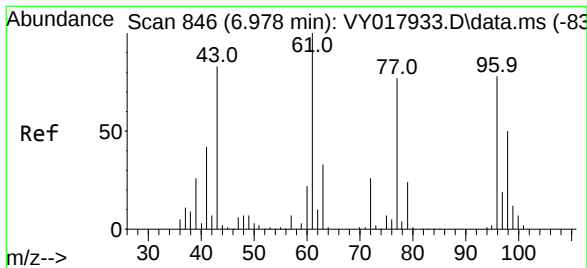
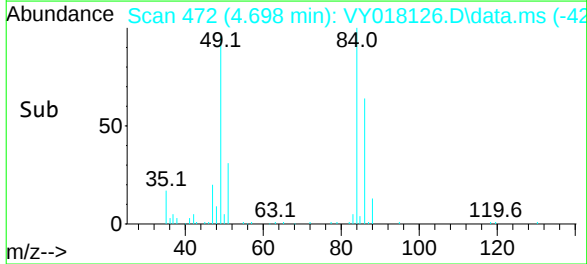
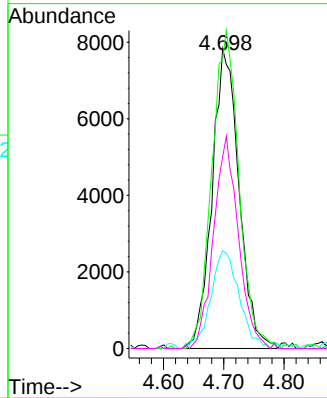
Ion Ratio Lower Upper

84 100

49 96.4 84.4 126.6

51 32.6 26.0 39.0

86 63.9 49.5 74.3



#25

2-Butanone

Concen: 26.406 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018126.D

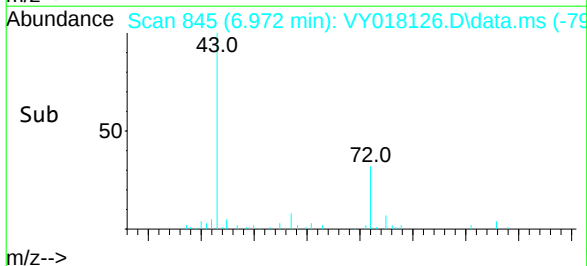
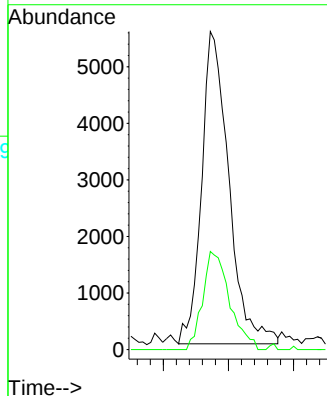
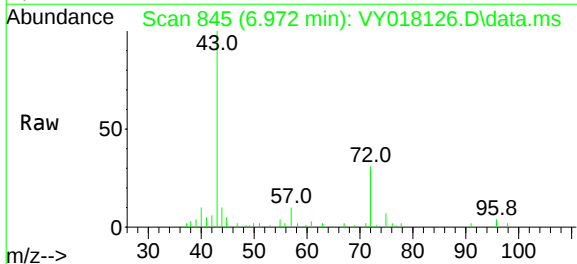
Acq: 02 May 2024 18:52

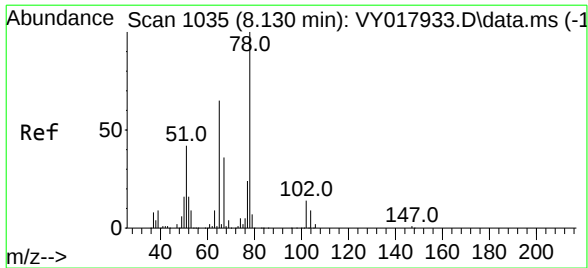
Tgt Ion: 43 Resp: 16058

Ion Ratio Lower Upper

43 100

72 31.4 27.3 40.9

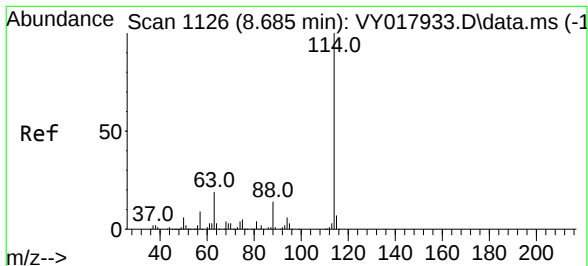
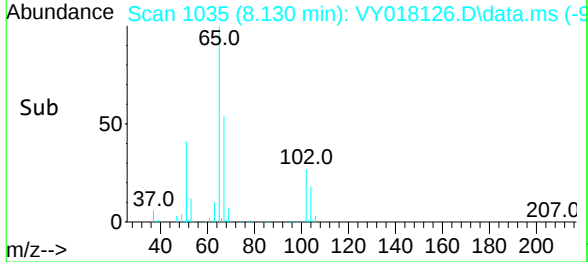
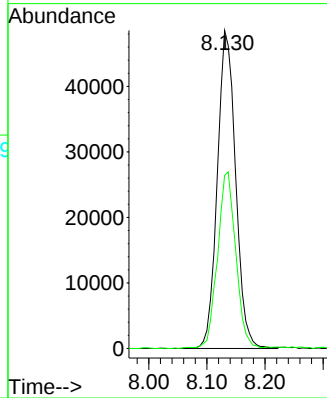
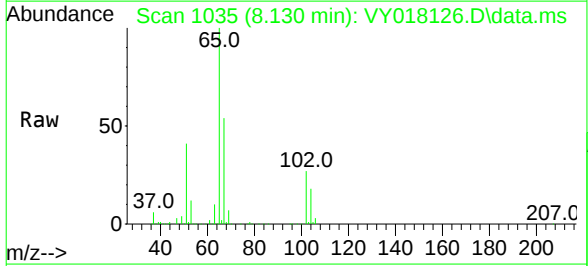




#33
1,2-Dichloroethane-d4
Concen: 51.797 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

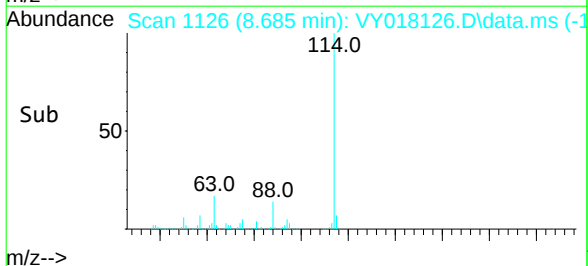
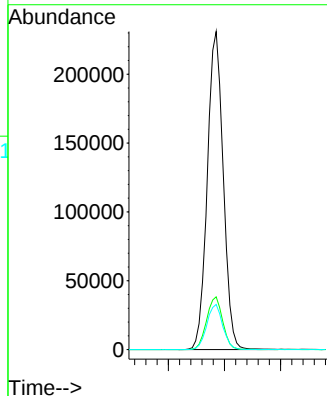
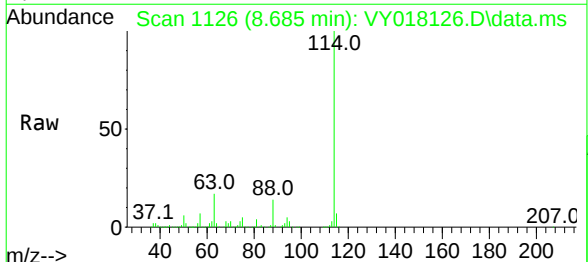
Instrument :
MSVOA_Y
ClientSampleId :
C-3(0.5-1.5)

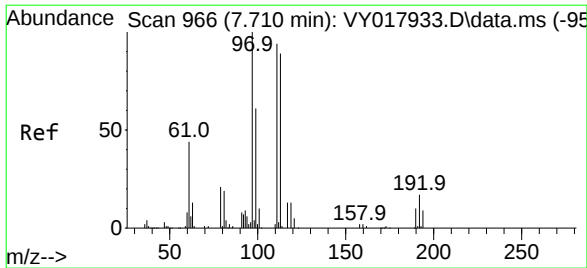
Tgt Ion: 65 Resp: 106280
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

Tgt Ion: 114 Resp: 455652
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.285 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018126.D

Acq: 02 May 2024 18:52

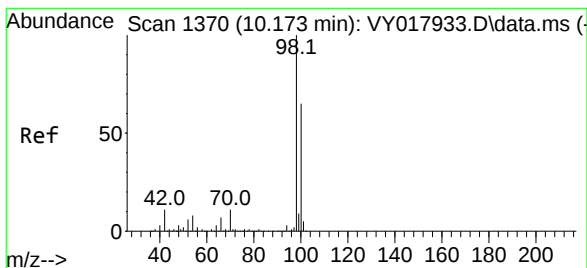
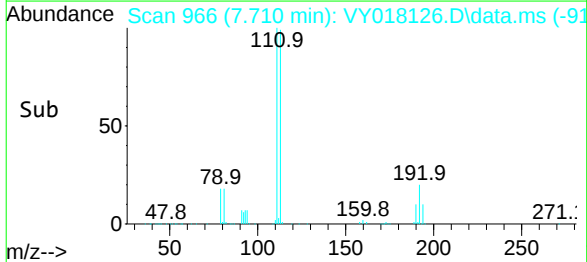
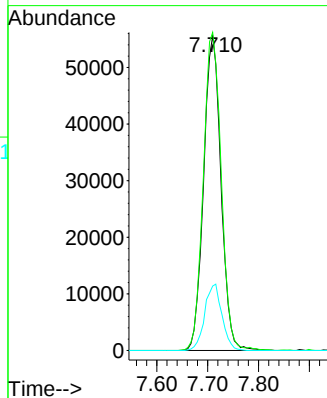
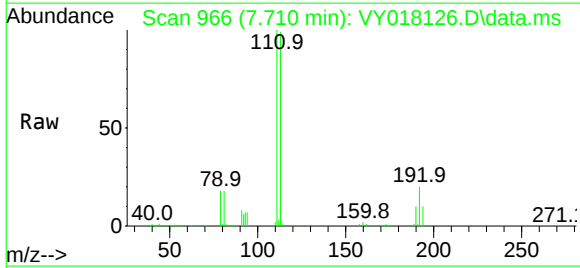
Instrument :

MSVOA_Y

ClientSampleId :

C-3(0.5-1.5)

Tgt Ion:	113	Resp:	131671
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	20.9	15.9	23.9



#50

Toluene-d8

Concen: 48.893 ug/l

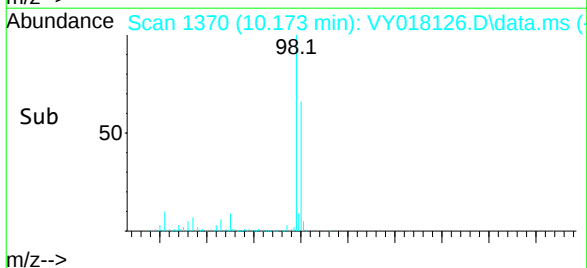
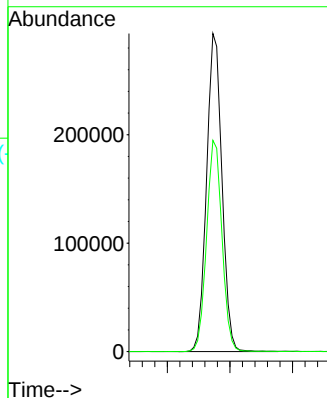
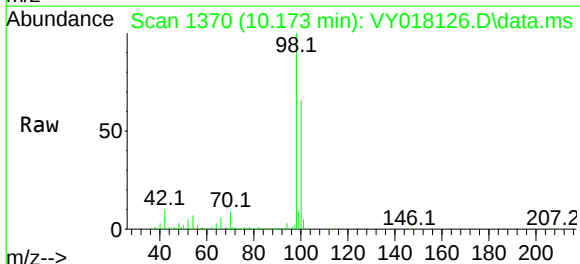
RT: 10.173 min Scan# 1370

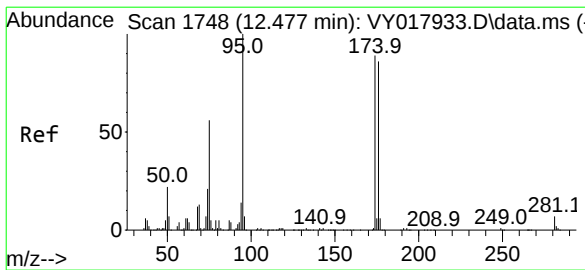
Delta R.T. -0.006 min

Lab File: VY018126.D

Acq: 02 May 2024 18:52

Tgt Ion:	98	Resp:	499804
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.0	78.0

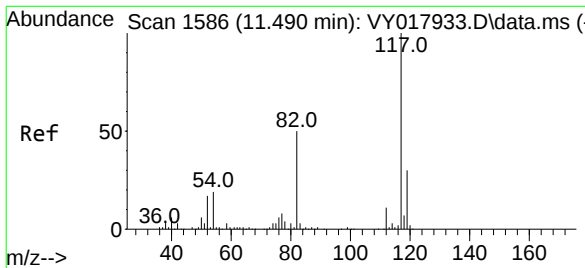
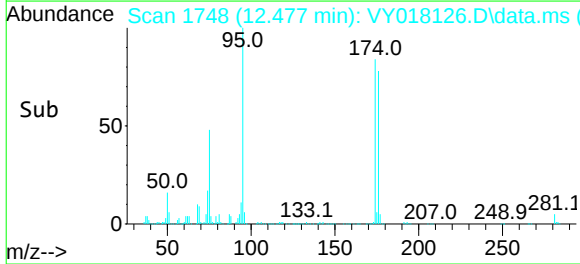
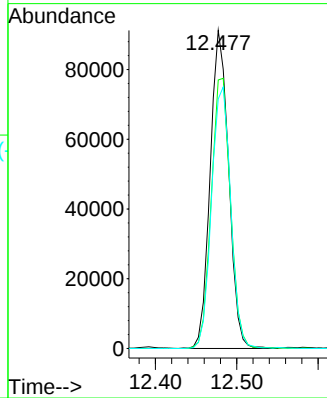
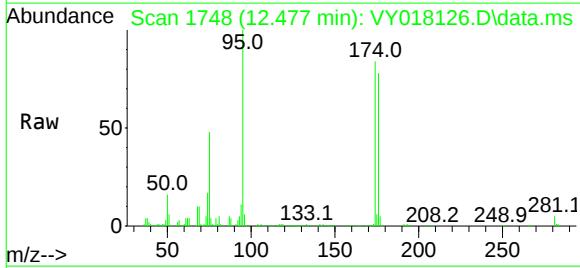




#62
4-Bromofluorobenzene
Concen: 40.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

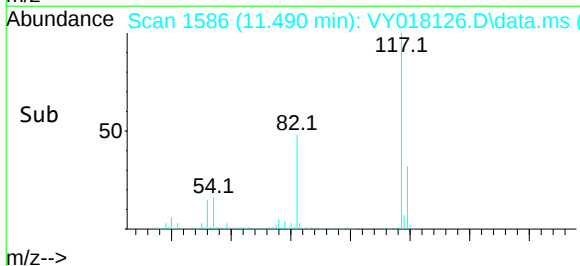
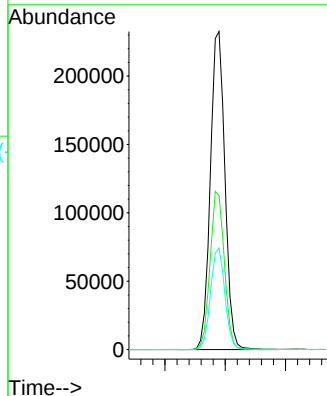
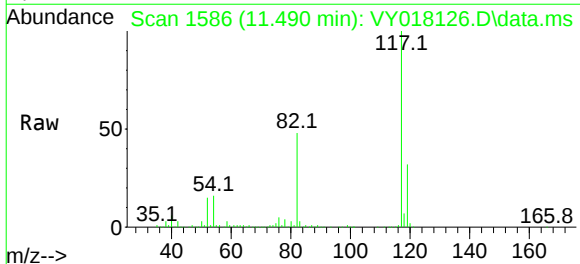
Instrument :
MSVOA_Y
ClientSampleId :
C-3(0.5-1.5)

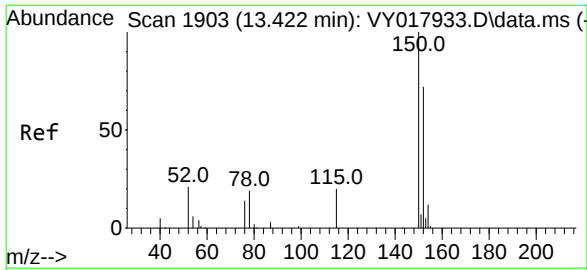
Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	175.6
176	85.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018126.D
Acq: 02 May 2024 18:52

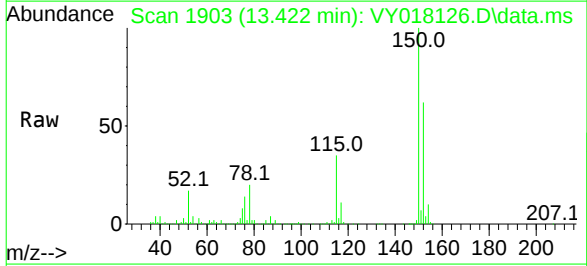
Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.4	42.4	63.6
119	31.9	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY018126.D
 Acq: 02 May 2024 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3(0.5-1.5)



Tgt Ion:152 Resp: 134309

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	157.3	0.0	345.6

