

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017435.D
 Acq On : 21 Feb 2024 14:08
 Operator : SY/MD
 Sample : P1537-02
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Feb 22 03:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

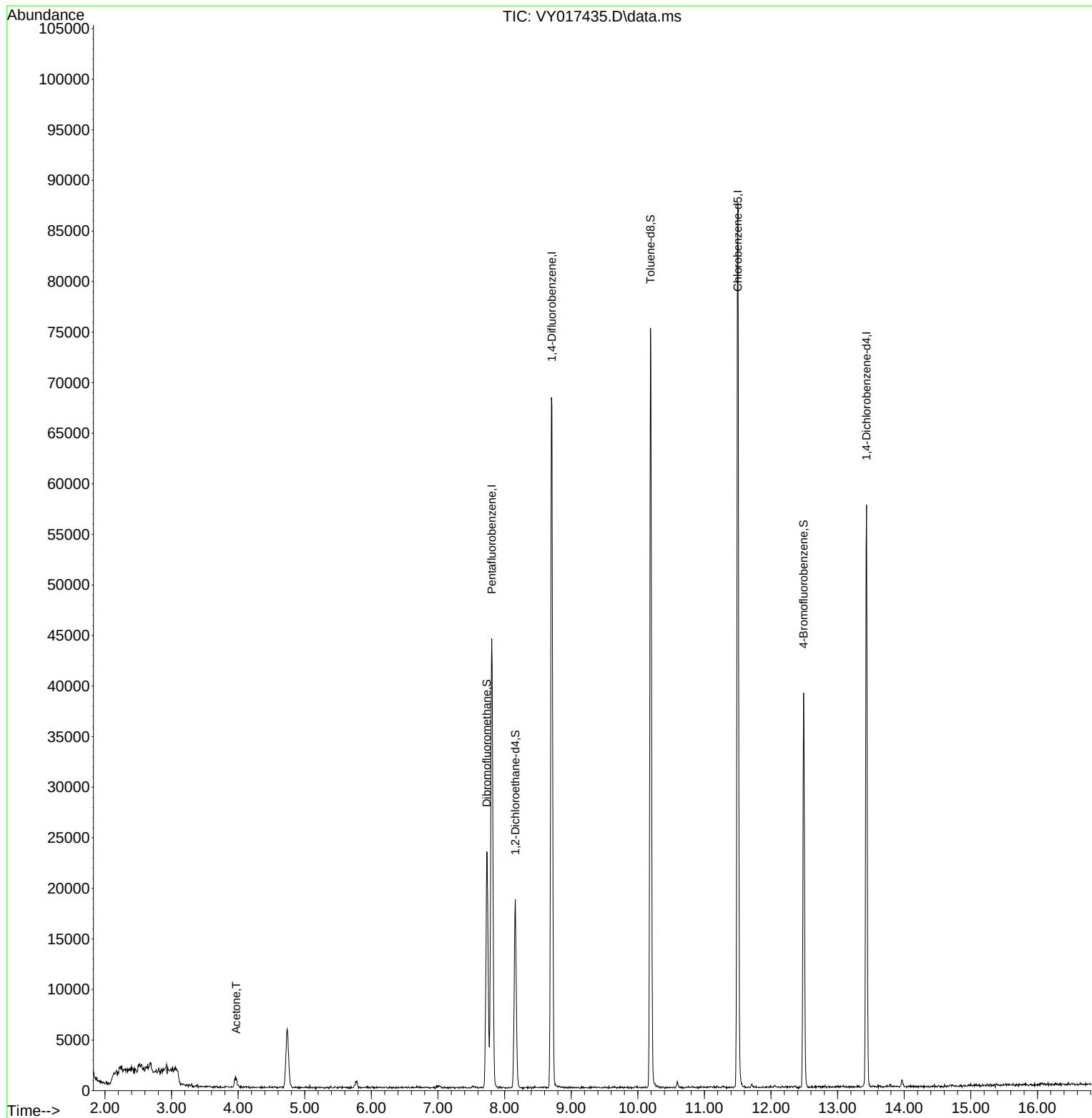
Internal Standards						
1) Pentafluorobenzene	7.807	168	36609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	62361	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	51520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	15512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	14264	45.609	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.220%
35) Dibromofluoromethane	7.734	113	17027	46.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.191	98	52485	37.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.140%
62) 4-Bromofluorobenzene	12.489	95	11643	25.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.060%
Target Compounds						
16) Acetone	3.973	43	1791	26.443	ug/l	Qvalue # 79

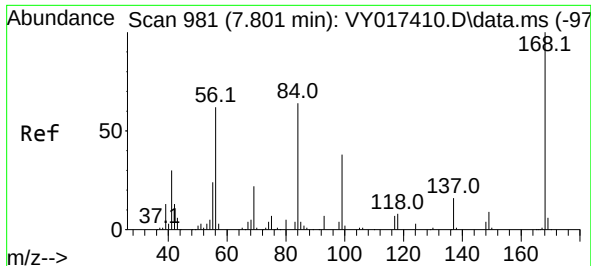
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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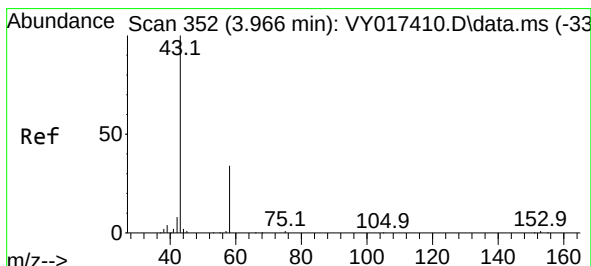
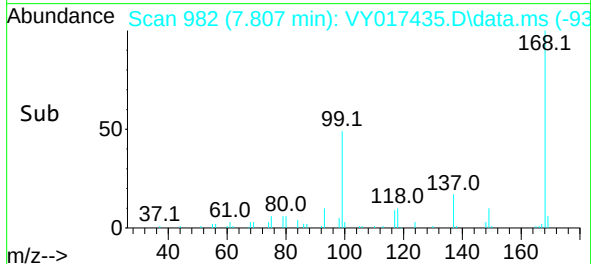
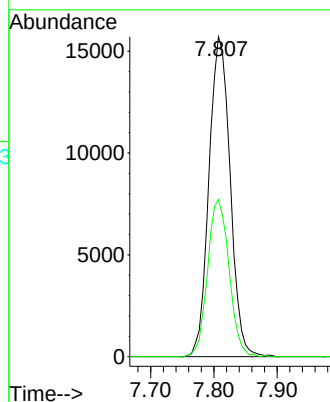
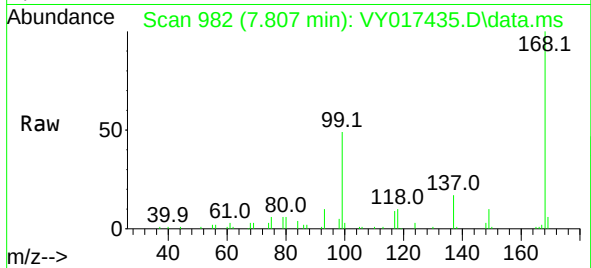




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017435.D
Acq: 21 Feb 2024 14:08

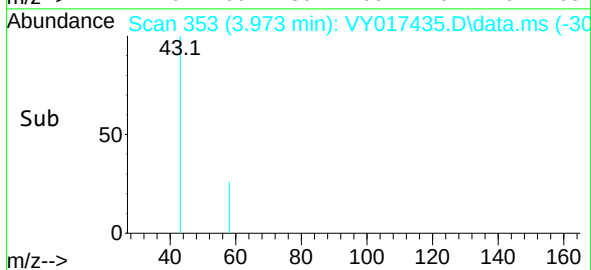
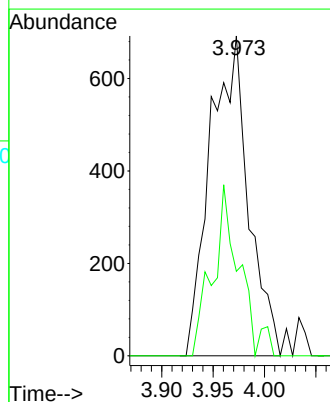
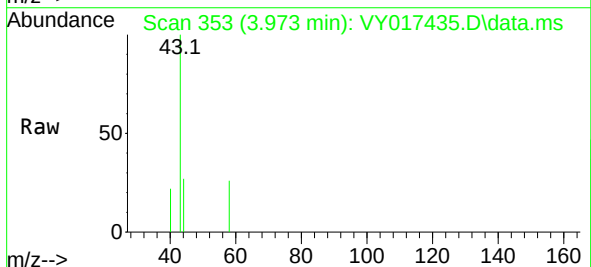
Instrument :
MSVOA_Y
ClientSampleId :
2

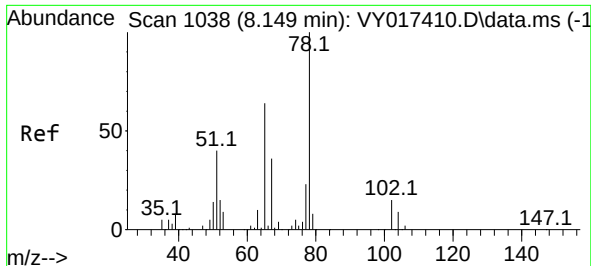
Tgt Ion:168 Resp: 36609
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#16
Acetone
Concen: 26.443 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY017435.D
Acq: 21 Feb 2024 14:08

Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 26.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 45.609 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017435.D

Acq: 21 Feb 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

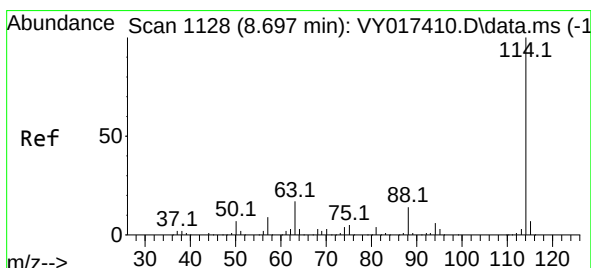
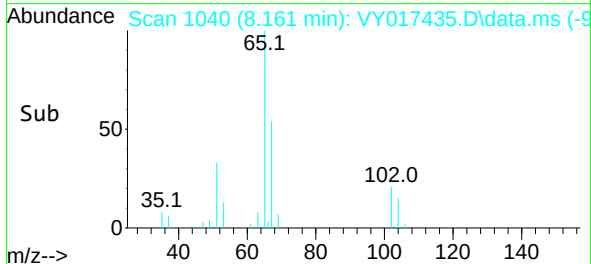
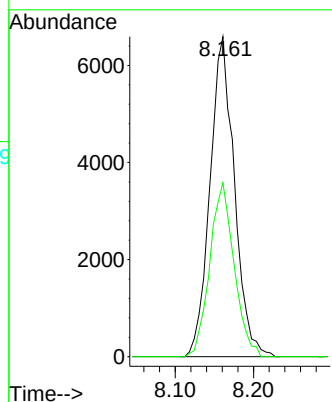
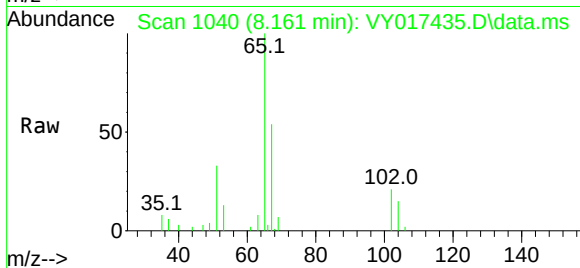
2

Tgt Ion: 65 Resp: 14264

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017435.D

Acq: 21 Feb 2024 14:08

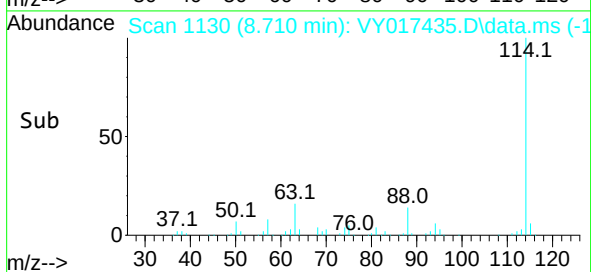
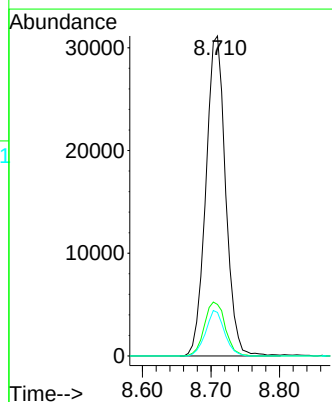
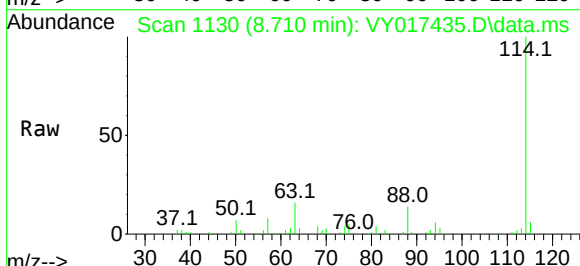
Tgt Ion: 114 Resp: 62361

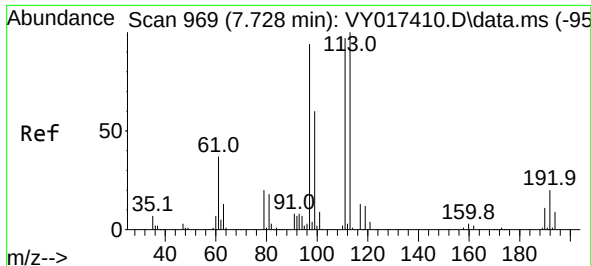
Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.6 0.0 27.2



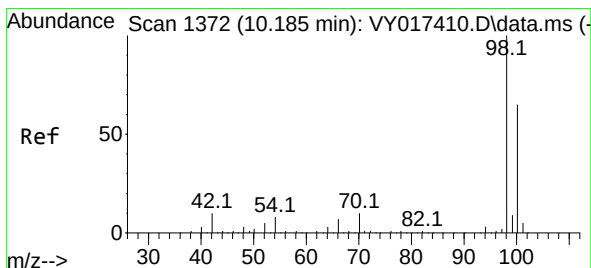
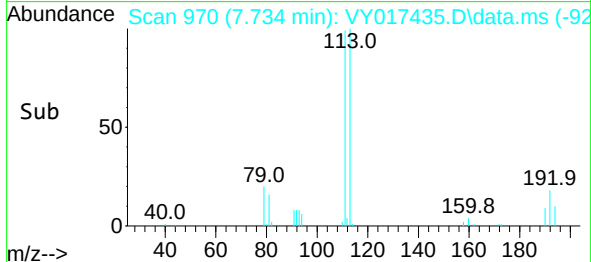
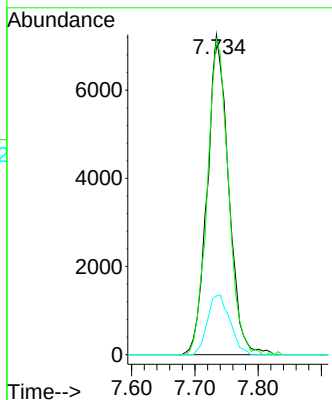
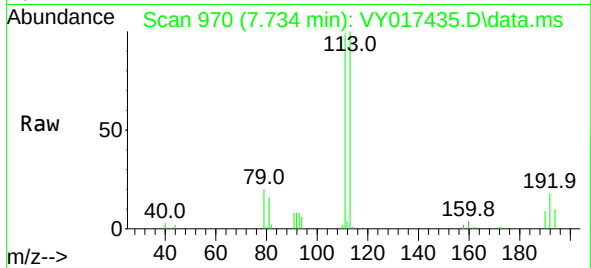


#35
 Dibromofluoromethane
 Concen: 46.644 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY017435.D
 Acq: 21 Feb 2024 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Tgt Ion: 113 Resp: 17027

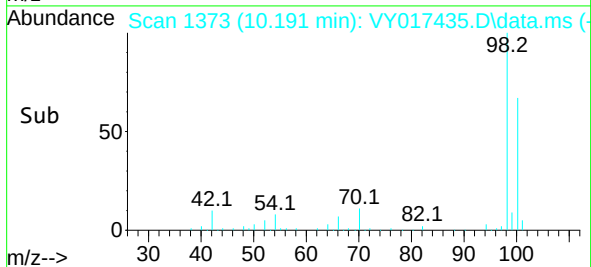
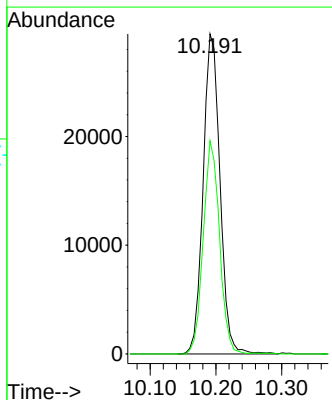
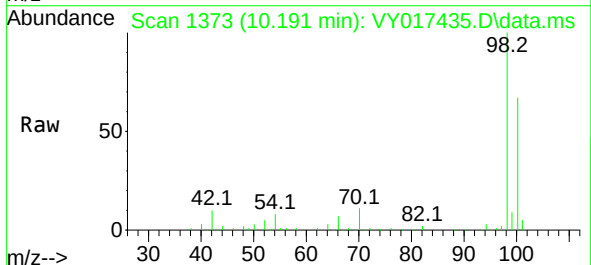
Ion	Ratio	Lower	Upper
113	100		
111	97.3	82.2	123.4
192	19.6	15.9	23.9

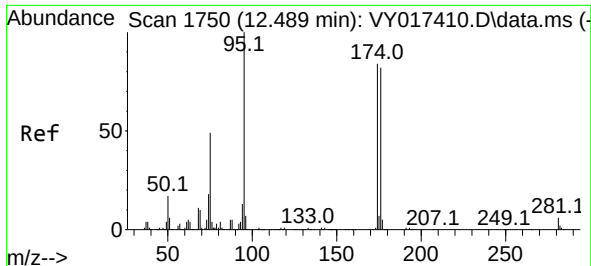


#50
 Toluene-d8
 Concen: 37.072 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017435.D
 Acq: 21 Feb 2024 14:08

Tgt Ion: 98 Resp: 52485

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

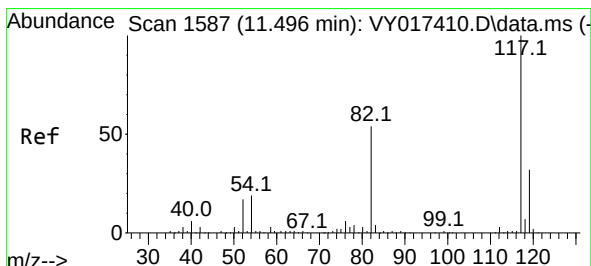
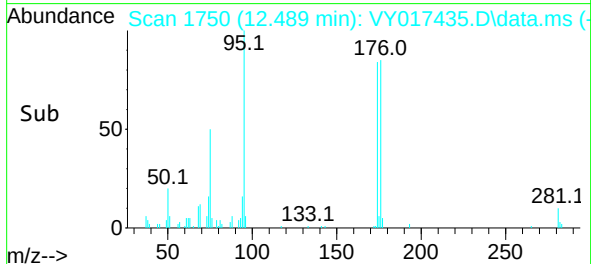
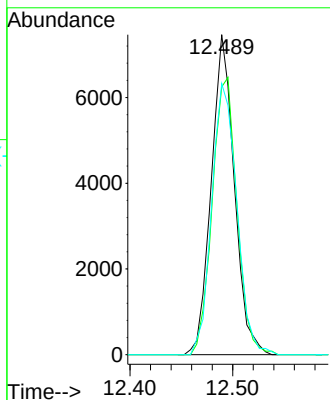
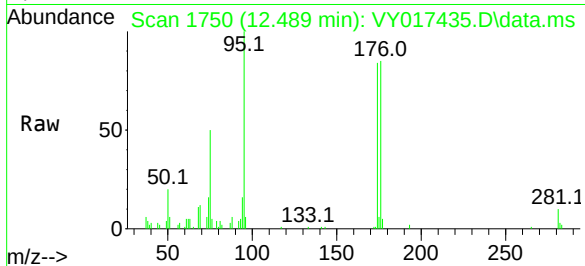




#62
4-Bromofluorobenzene
Concen: 25.534 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017435.D
Acq: 21 Feb 2024 14:08

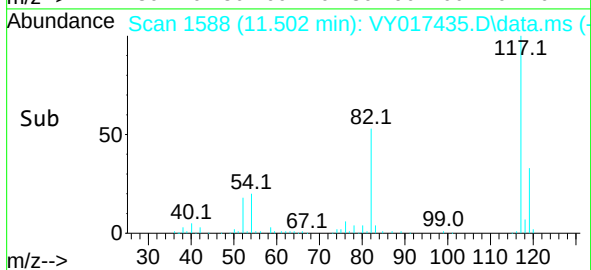
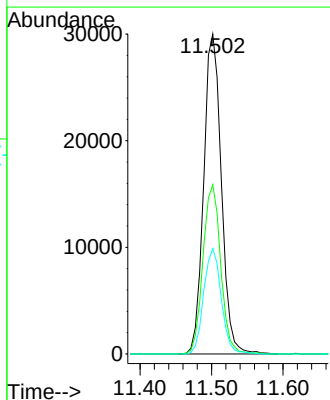
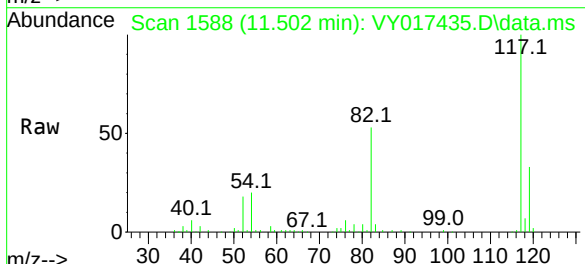
Instrument :
MSVOA_Y
ClientSampleId :
2

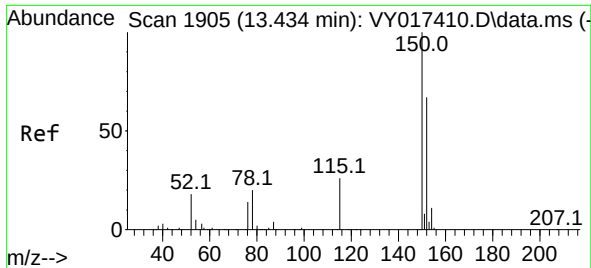
Tgt Ion:	95	Resp:	11643
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	175.6
176	92.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017435.D
Acq: 21 Feb 2024 14:08

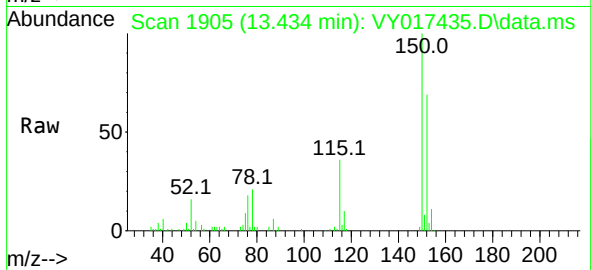
Tgt Ion:	117	Resp:	51520
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	33.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017435.D
 Acq: 21 Feb 2024 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 2



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	157.6	0.0	345.6

