

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017440.D
 Acq On : 21 Feb 2024 16:05
 Operator : SY/MD
 Sample : P1537-07
 Misc : 4.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7

Quant Time: Feb 22 03:27:18 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)

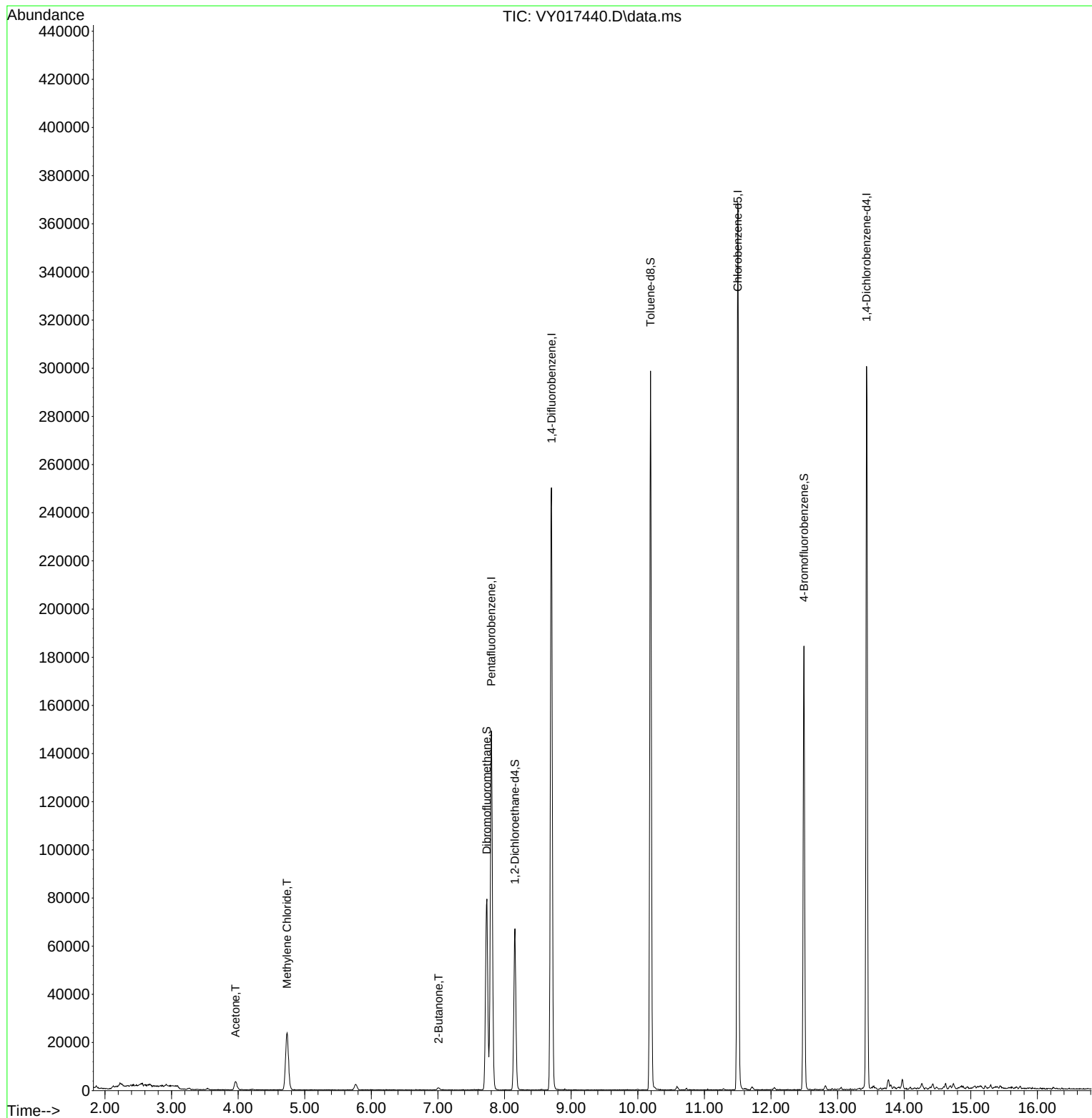
Internal Standards						
1) Pentafluorobenzene	7.801	168	120050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	230606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	207809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	49471	48.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.480%		
35) Dibromofluoromethane	7.734	113	56568	41.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.820%		
50) Toluene-d8	10.191	98	196687	37.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.140%		
62) 4-Bromofluorobenzene	12.496	95	53968	31.568	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	63.140%		
Target Compounds						Qvalue
16) Acetone	3.960	43	6377	28.711	ug/l	99
20) Methylene Chloride	4.735	84	19713	9.540	ug/l	95
25) 2-Butanone	7.009	43	1754	5.626	ug/l #	88

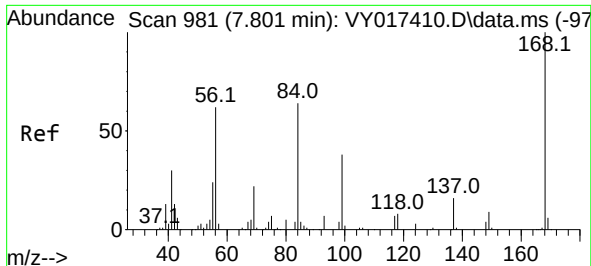
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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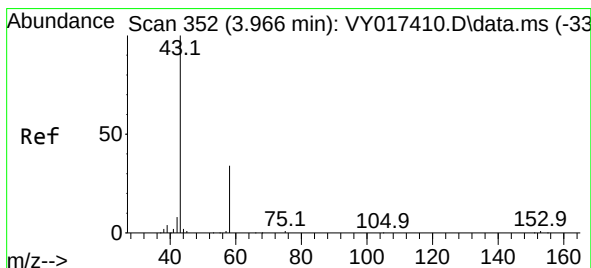
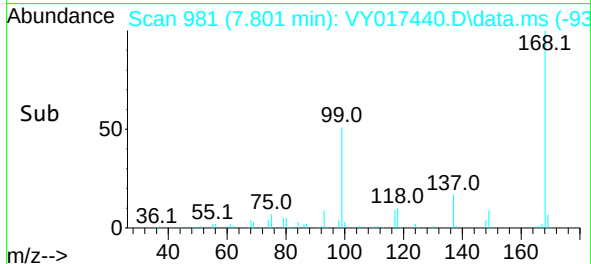
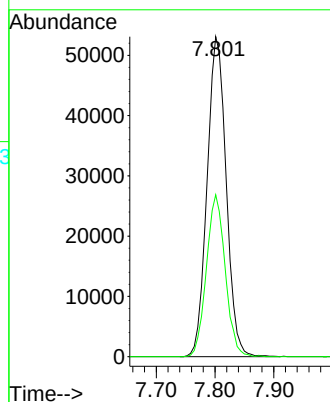
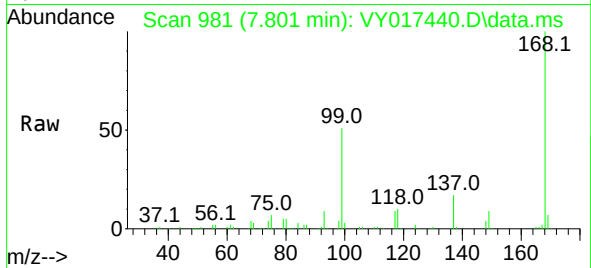




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

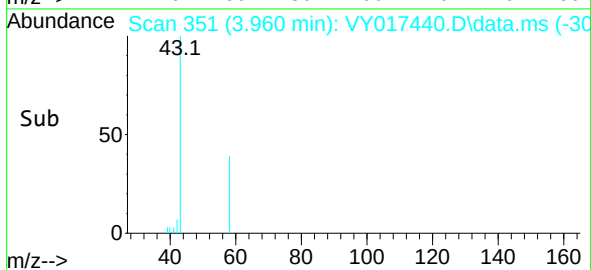
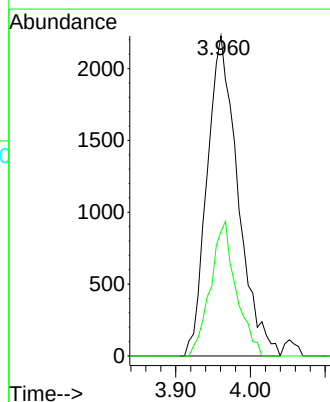
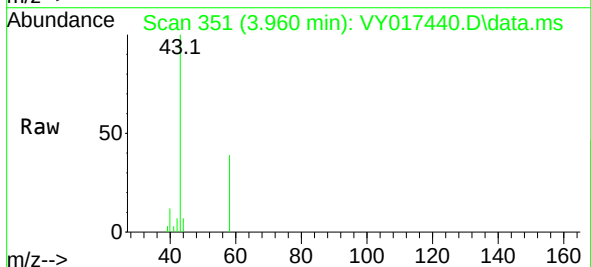
Instrument :
MSVOA_Y
ClientSampleId :
7

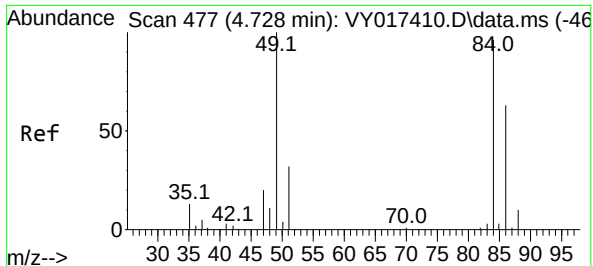
Tgt Ion:168 Resp: 120050
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#16
Acetone
Concen: 28.711 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

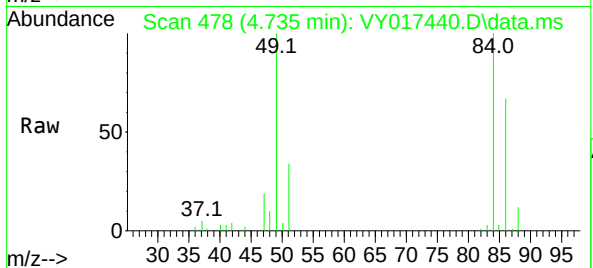
Tgt Ion: 43 Resp: 6377
Ion Ratio Lower Upper
43 100
58 38.8 31.7 47.5





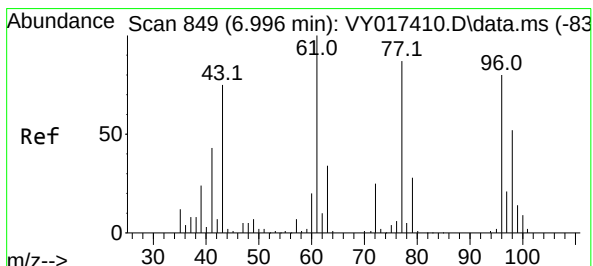
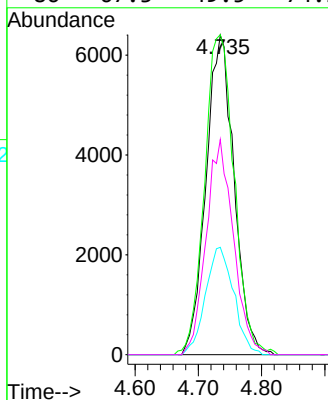
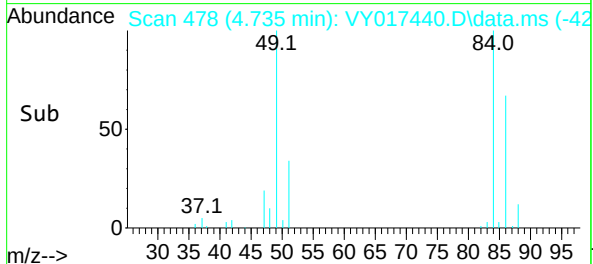
#20
Methylene Chloride
Concen: 9.540 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :
7

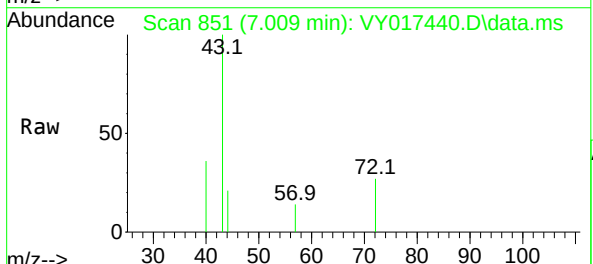


Tgt Ion: 84 Resp: 19713

Ion	Ratio	Lower	Upper
84	100		
49	100.1	84.4	126.6
51	33.6	26.0	39.0
86	67.3	49.5	74.3

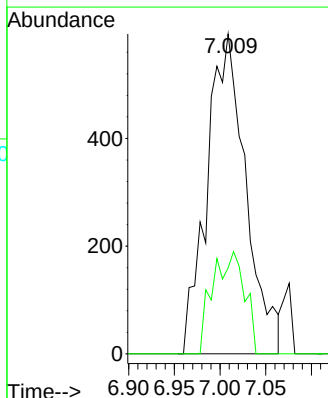
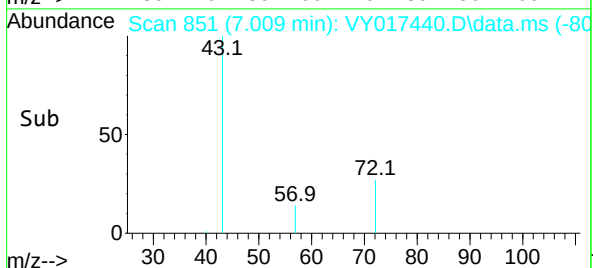


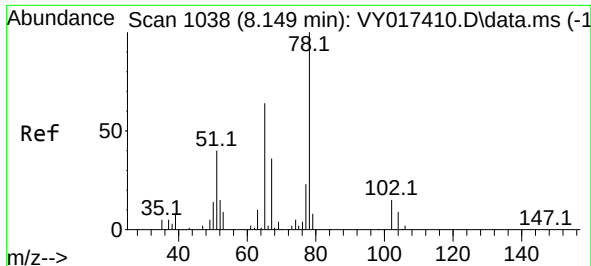
#25
2-Butanone
Concen: 5.626 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05



Tgt Ion: 43 Resp: 1754

Ion	Ratio	Lower	Upper
43	100		
72	26.9	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY017440.D

Acq: 21 Feb 2024 16:05

Instrument :

MSVOA_Y

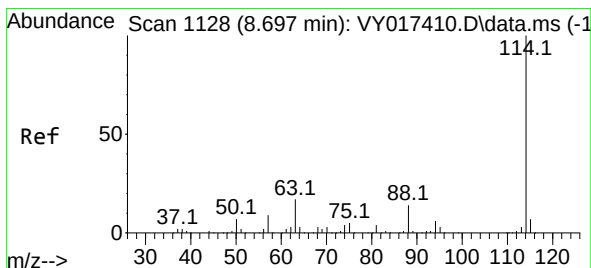
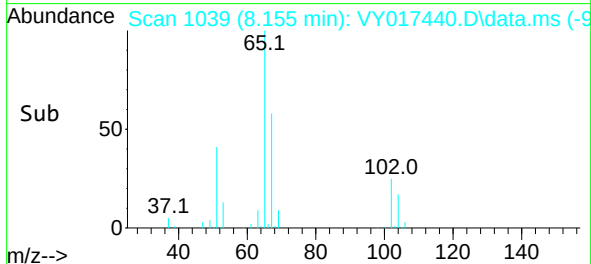
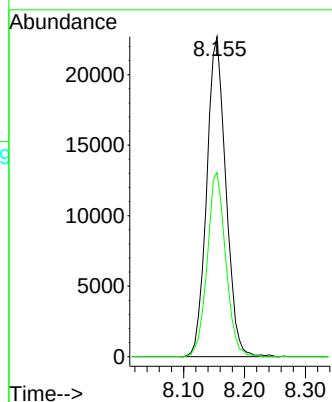
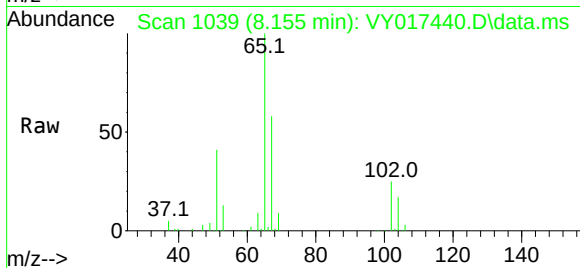
ClientSampleId :

Tgt Ion: 65 Resp: 49471

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017440.D

Acq: 21 Feb 2024 16:05

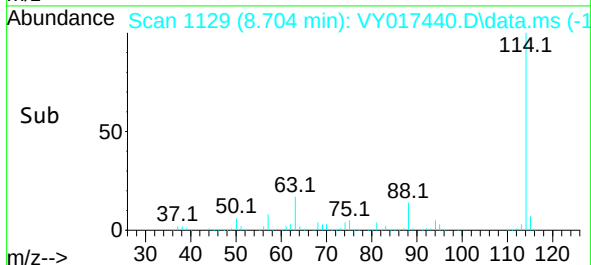
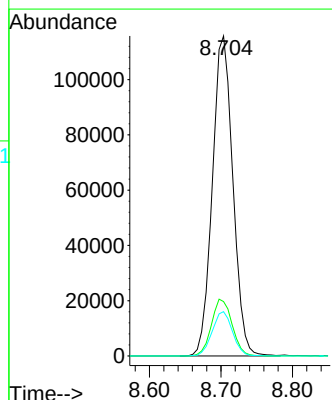
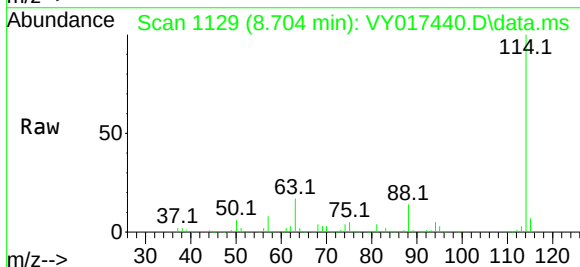
Tgt Ion: 114 Resp: 230606

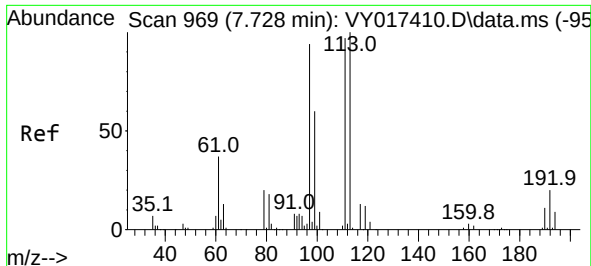
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.9 0.0 27.2

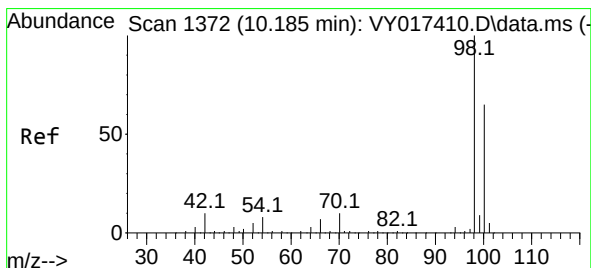
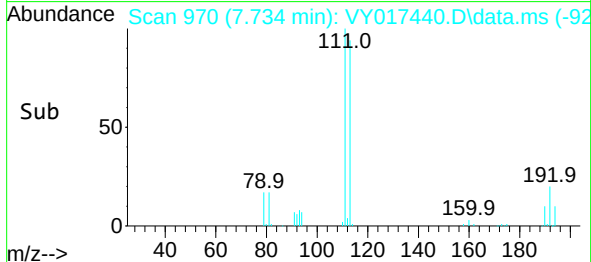
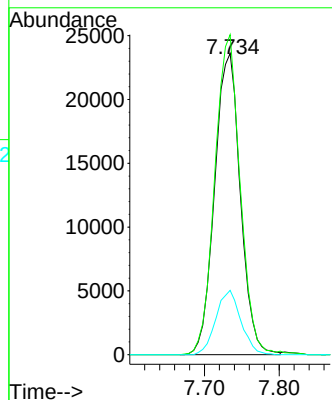
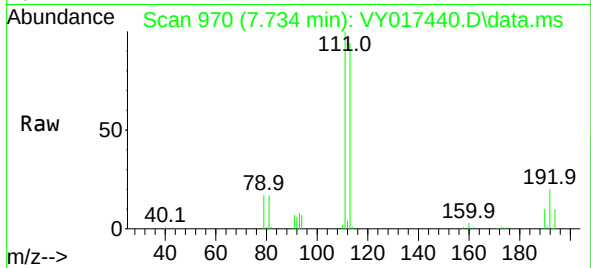




#35
Dibromofluoromethane
Concen: 41.906 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

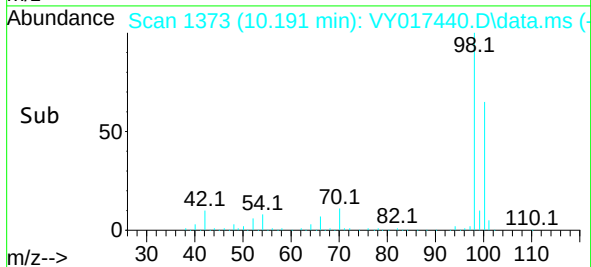
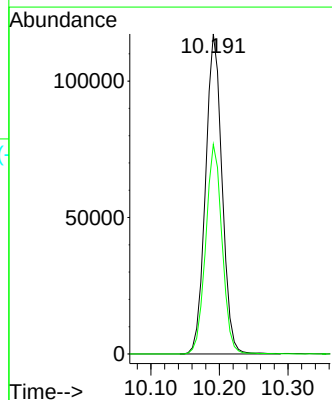
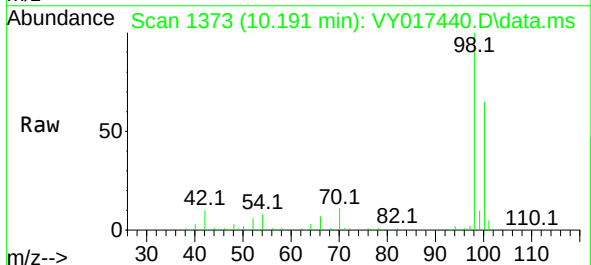
Instrument :
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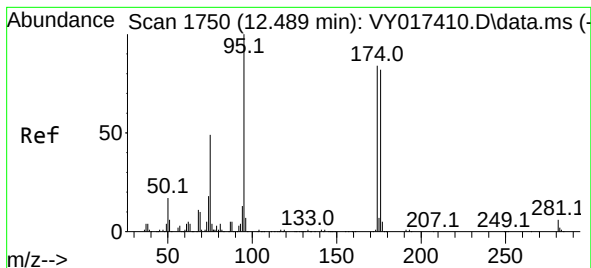
Tgt Ion:113 Resp: 56568
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 37.569 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

Tgt Ion: 98 Resp: 196687
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

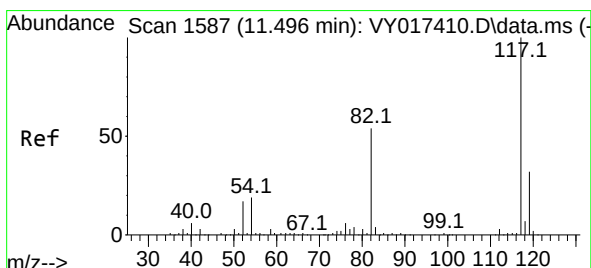
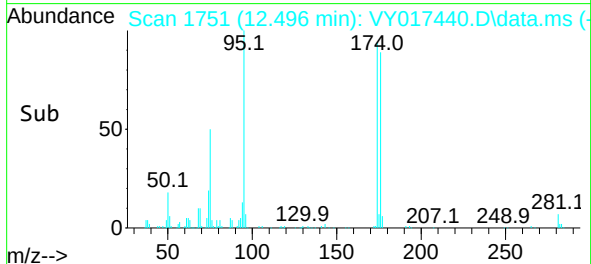
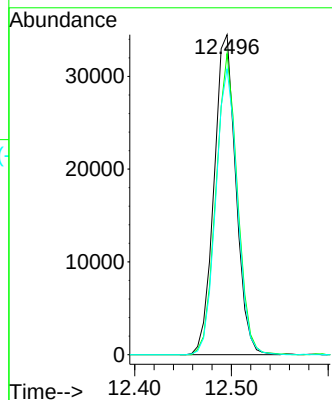
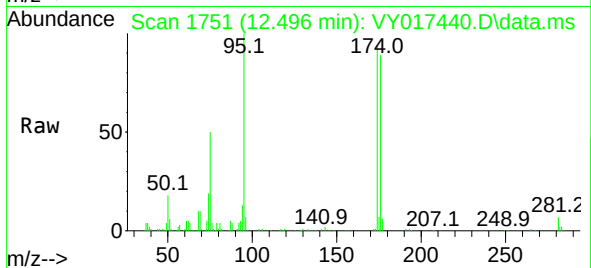




#62
4-Bromofluorobenzene
Concen: 31.568 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

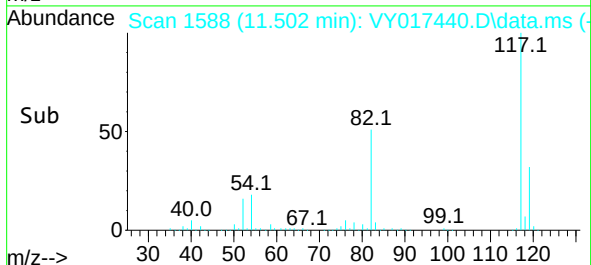
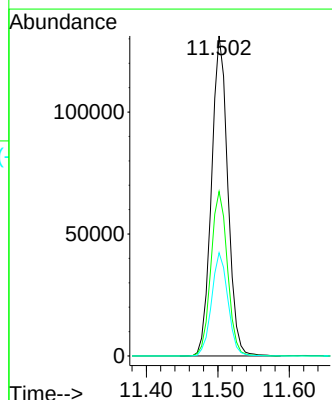
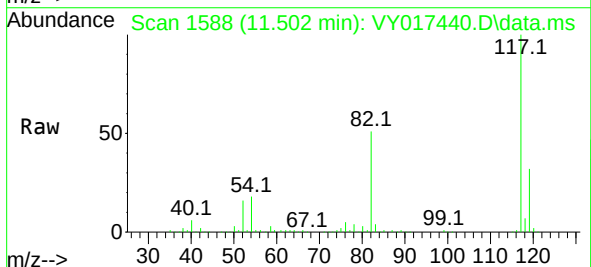
Instrument :
MSVOA_Y
ClientSampleId :
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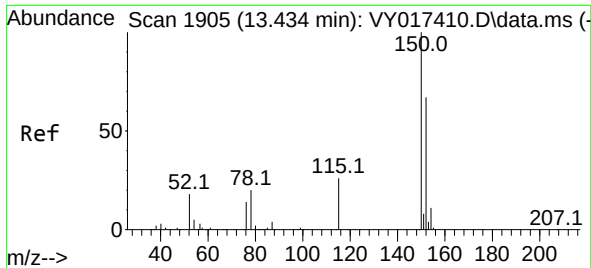
Tgt Ion: 95 Resp: 53968
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 88.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017440.D
Acq: 21 Feb 2024 16:05

Tgt Ion: 117 Resp: 207809
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.2 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: VY017440.D

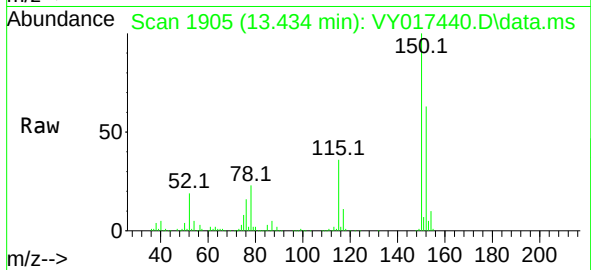
Acq: 21 Feb 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :

7



Tgt Ion:152 Resp: 80876

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 156.6 0.0 345.6

