

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016418.D
 Acq On : 17 Nov 2023 18:26
 Operator : SY/MD
 Sample : 05466-01
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21144

Quant Time: Nov 18 05:23:49 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)

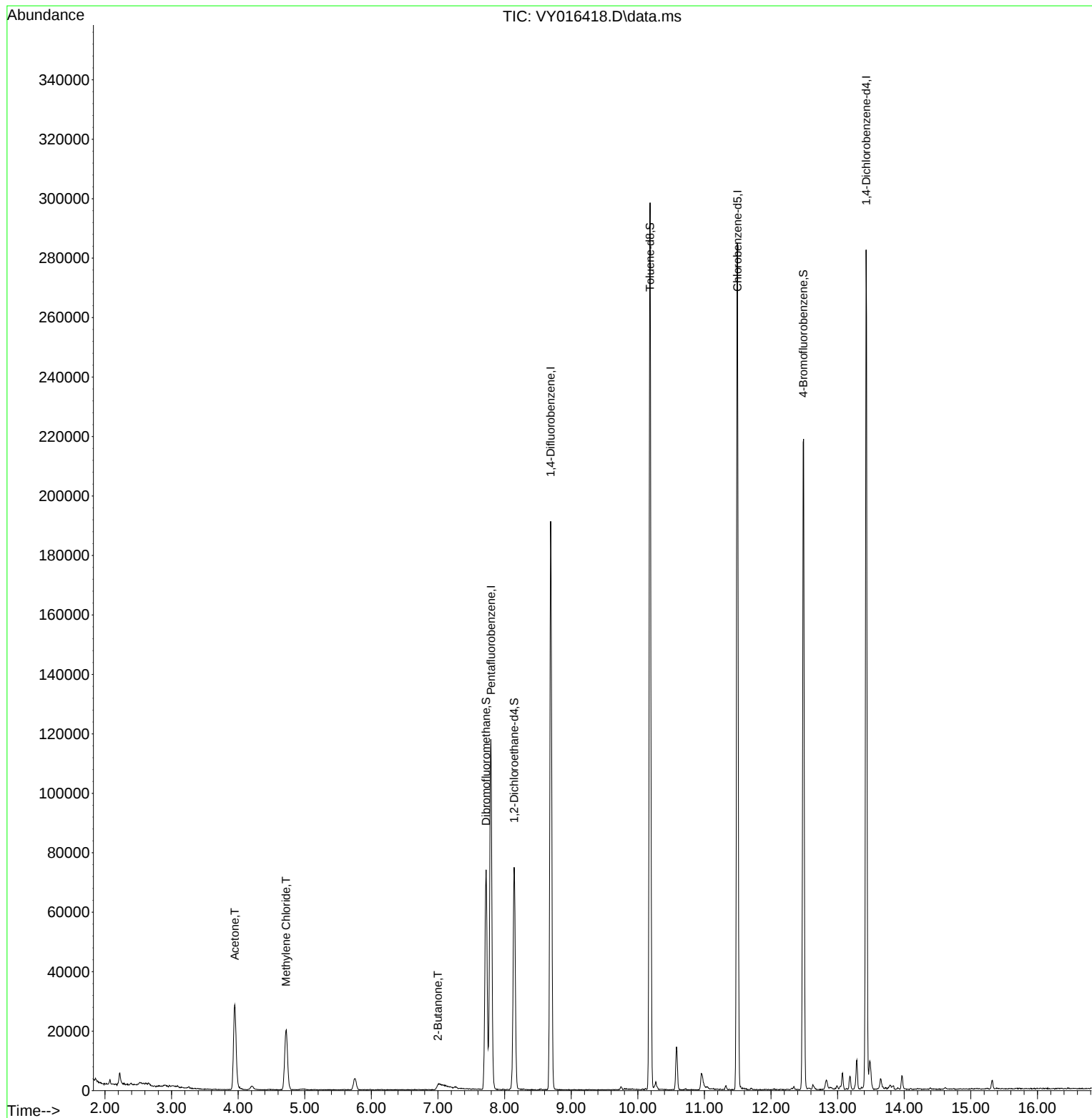
Internal Standards						
1) Pentafluorobenzene	7.795	168	94933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169104	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	161597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58624	67.566	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.140%
35) Dibromofluoromethane	7.722	113	53800	56.006	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.020%
50) Toluene-d8	10.185	98	199559	51.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.483	95	68800	54.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.760%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	51597	359.510	ug/l #	87
20) Methylene Chloride	4.716	84	16303	13.542	ug/l #	85
25) 2-Butanone	6.996	43	1403	5.581	ug/l	91

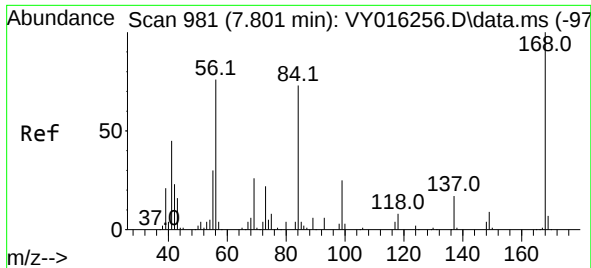
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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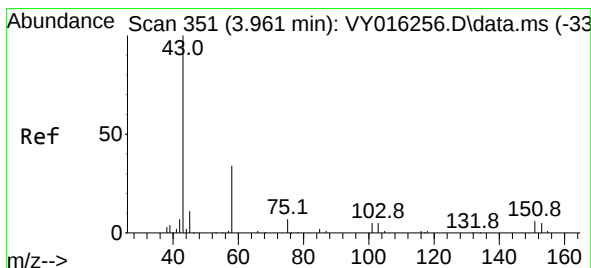
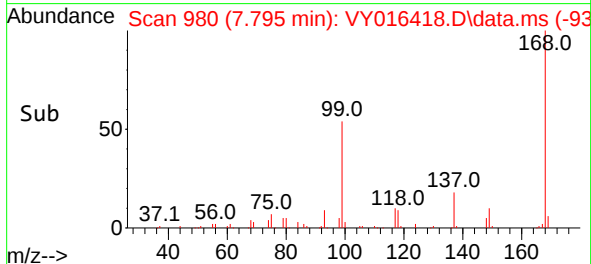
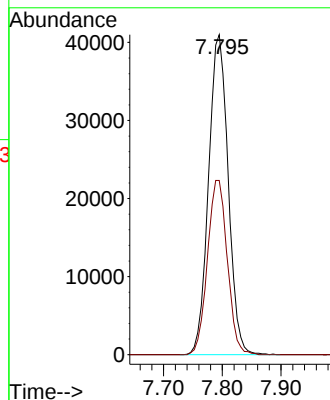
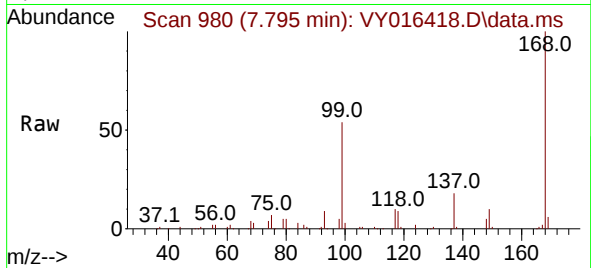




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

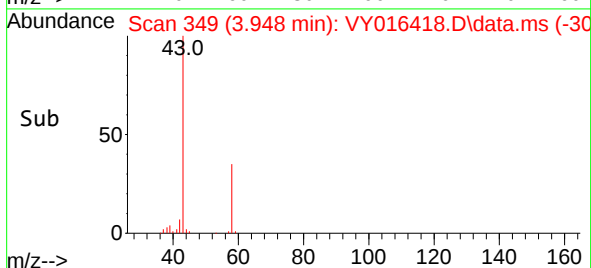
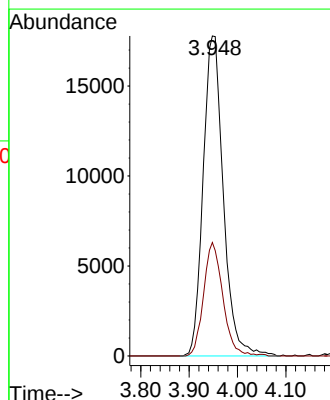
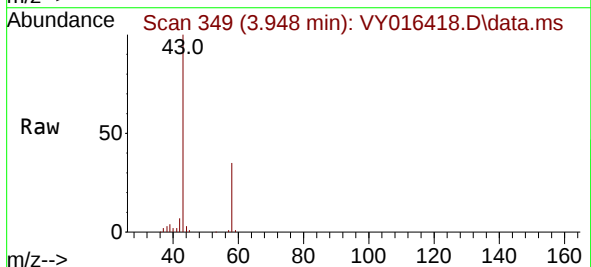
Instrument :
MSVOA_Y
ClientSampleId :
RB21144

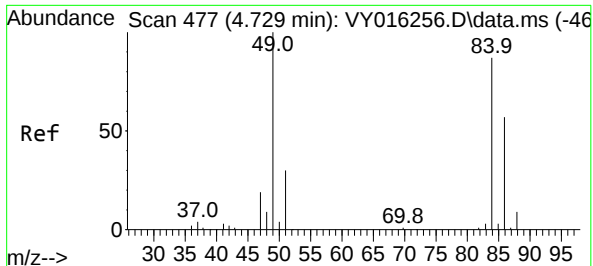
Tgt Ion:168 Resp: 94933
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 359.510 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

Tgt Ion: 43 Resp: 51597
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#



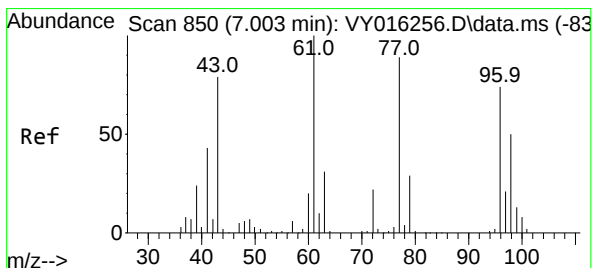
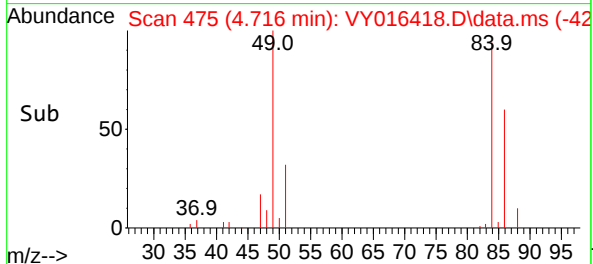
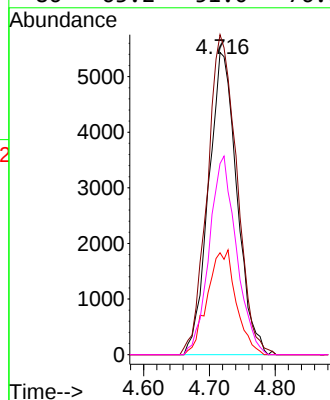
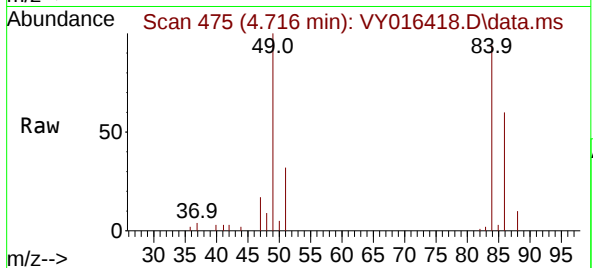


#20
Methylene Chloride
Concen: 13.542 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

Instrument :
MSVOA_Y
ClientSampleId :
RB21144

Tgt Ion: 84 Resp: 16303

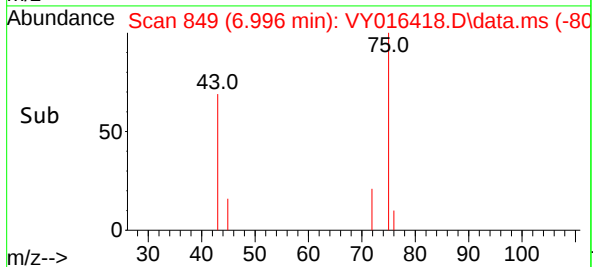
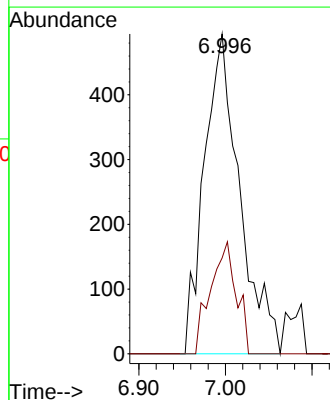
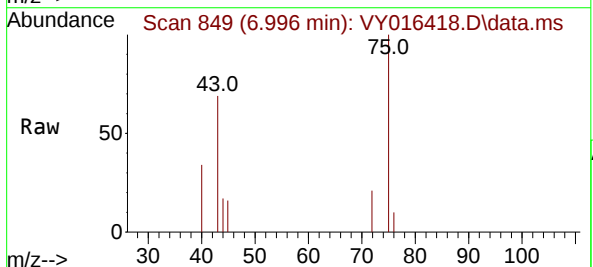
Ion	Ratio	Lower	Upper
84	100		
49	105.8	106.9	160.3#
51	33.7	33.2	49.8
86	63.2	51.0	76.6

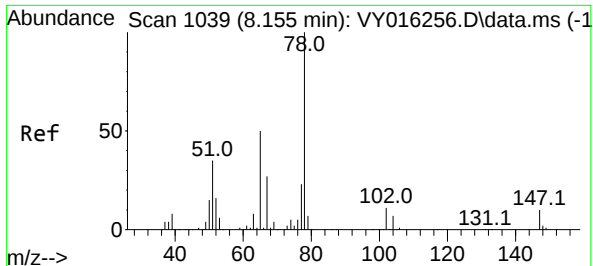


#25
2-Butanone
Concen: 5.581 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

Tgt Ion: 43 Resp: 1403

Ion	Ratio	Lower	Upper
43	100		
72	30.0	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 67.566 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.013 min

Lab File: VY016418.D

Acq: 17 Nov 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

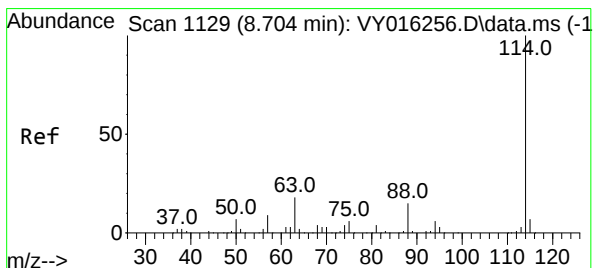
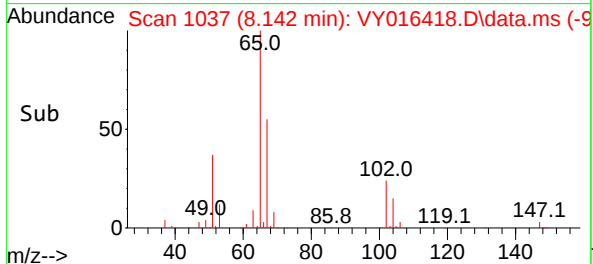
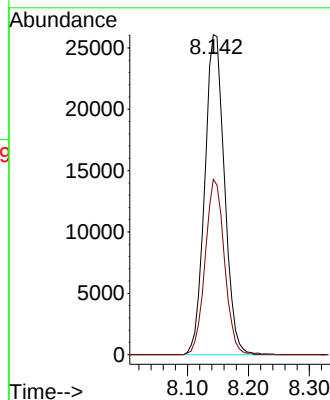
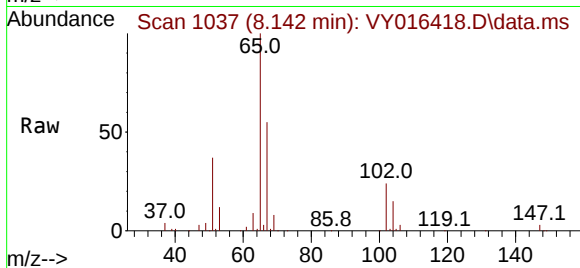
RB21144

Tgt Ion: 65 Resp: 58624

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016418.D

Acq: 17 Nov 2023 18:26

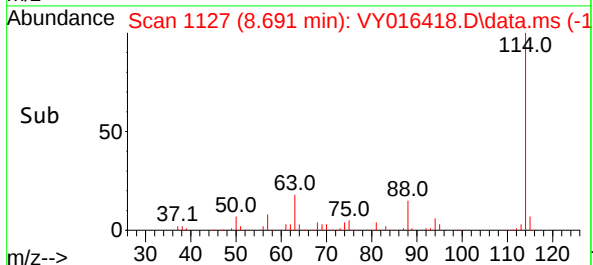
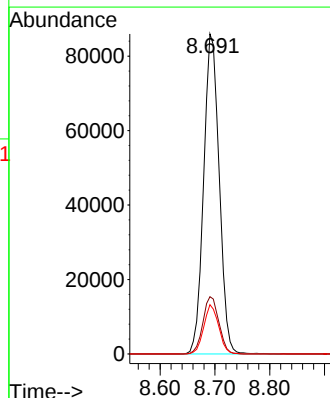
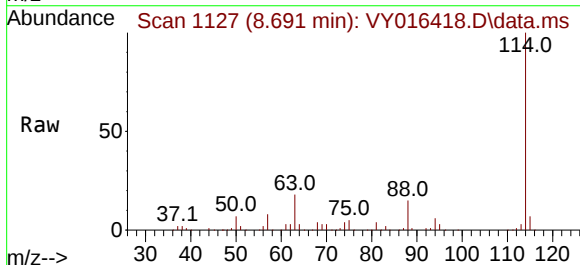
Tgt Ion: 114 Resp: 169104

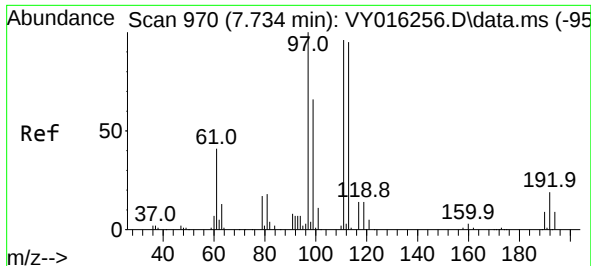
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.4 0.0 30.6

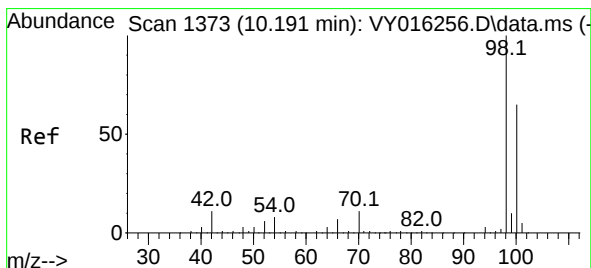
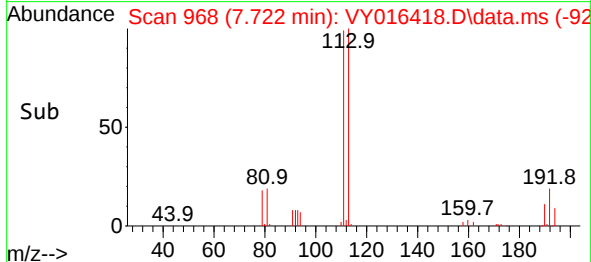
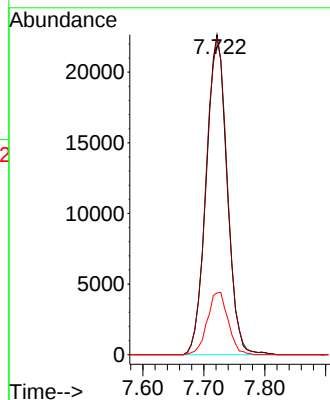
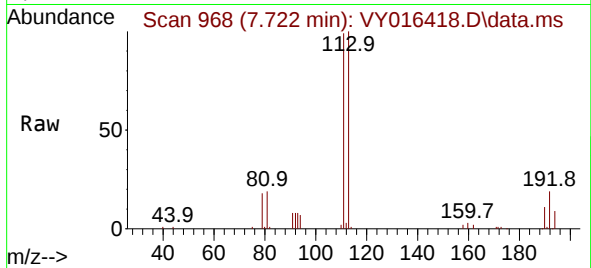




#35
Dibromofluoromethane
Concen: 56.006 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

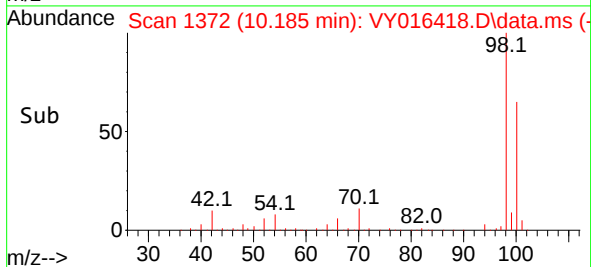
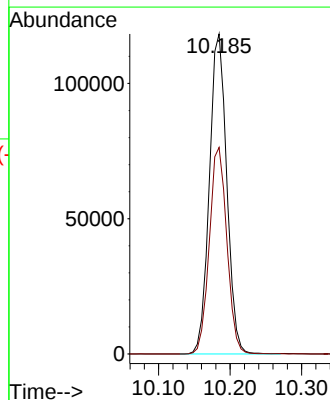
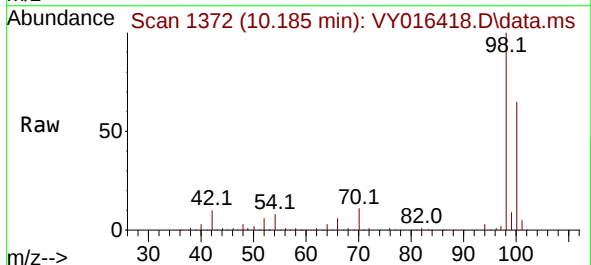
Instrument :
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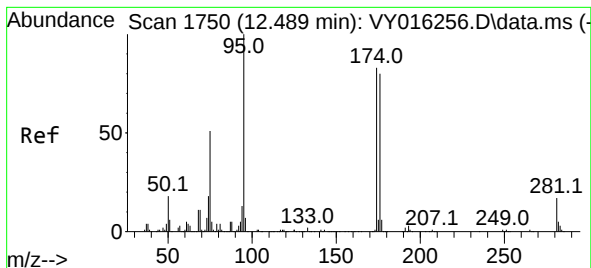
Tgt Ion:113 Resp: 53800
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 51.228 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

Tgt Ion: 98 Resp: 199559
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

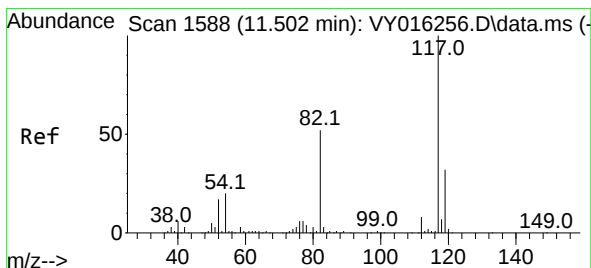
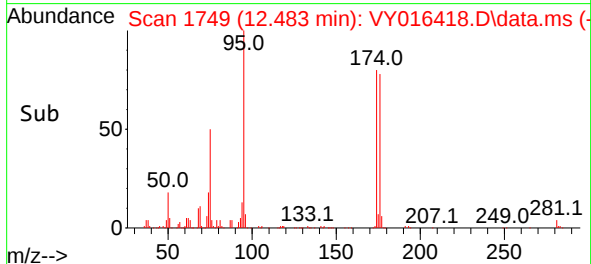
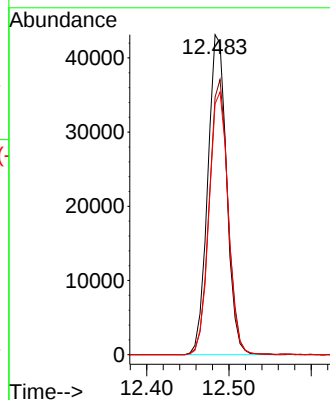
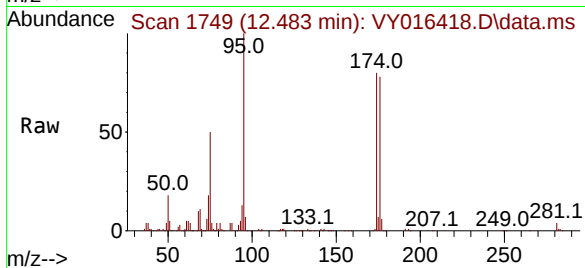




#62
4-Bromofluorobenzene
Concen: 54.379 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

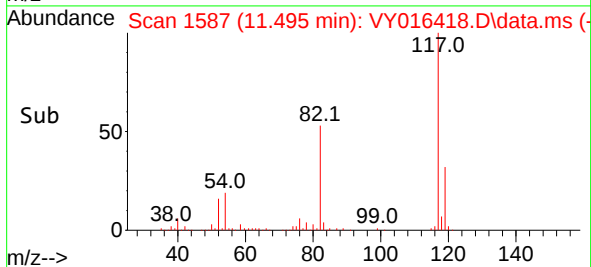
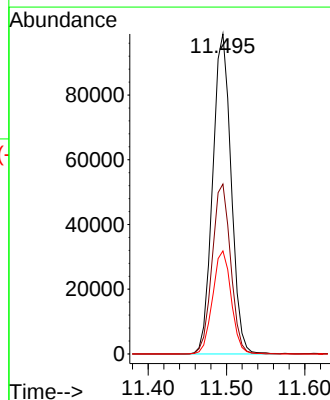
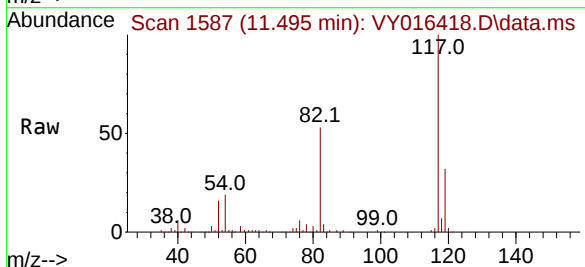
Instrument :
MSVOA_Y
ClientSampleId :
RB21144

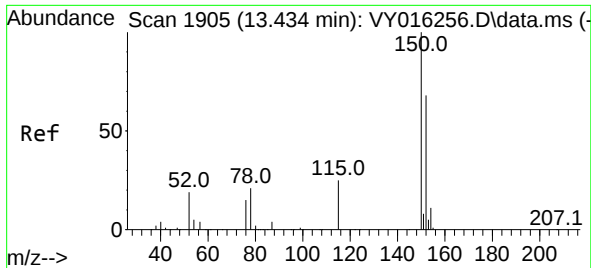
Tgt Ion: 95 Resp: 68800
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016418.D
Acq: 17 Nov 2023 18:26

Tgt Ion: 117 Resp: 161597
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016418.D

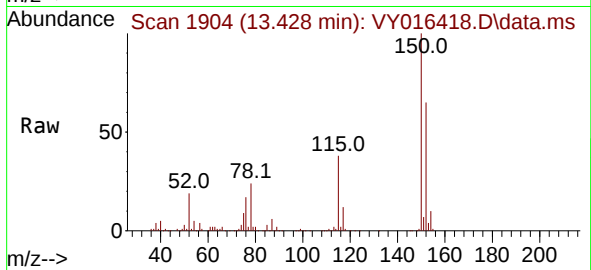
Acq: 17 Nov 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

RB21144



Tgt Ion:152 Resp: 74234

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.4 0.0 348.8

