

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016415.D
 Acq On : 17 Nov 2023 17:16
 Operator : SY/MD
 Sample : 05466-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB200018

Quant Time: Nov 18 05:22:34 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)

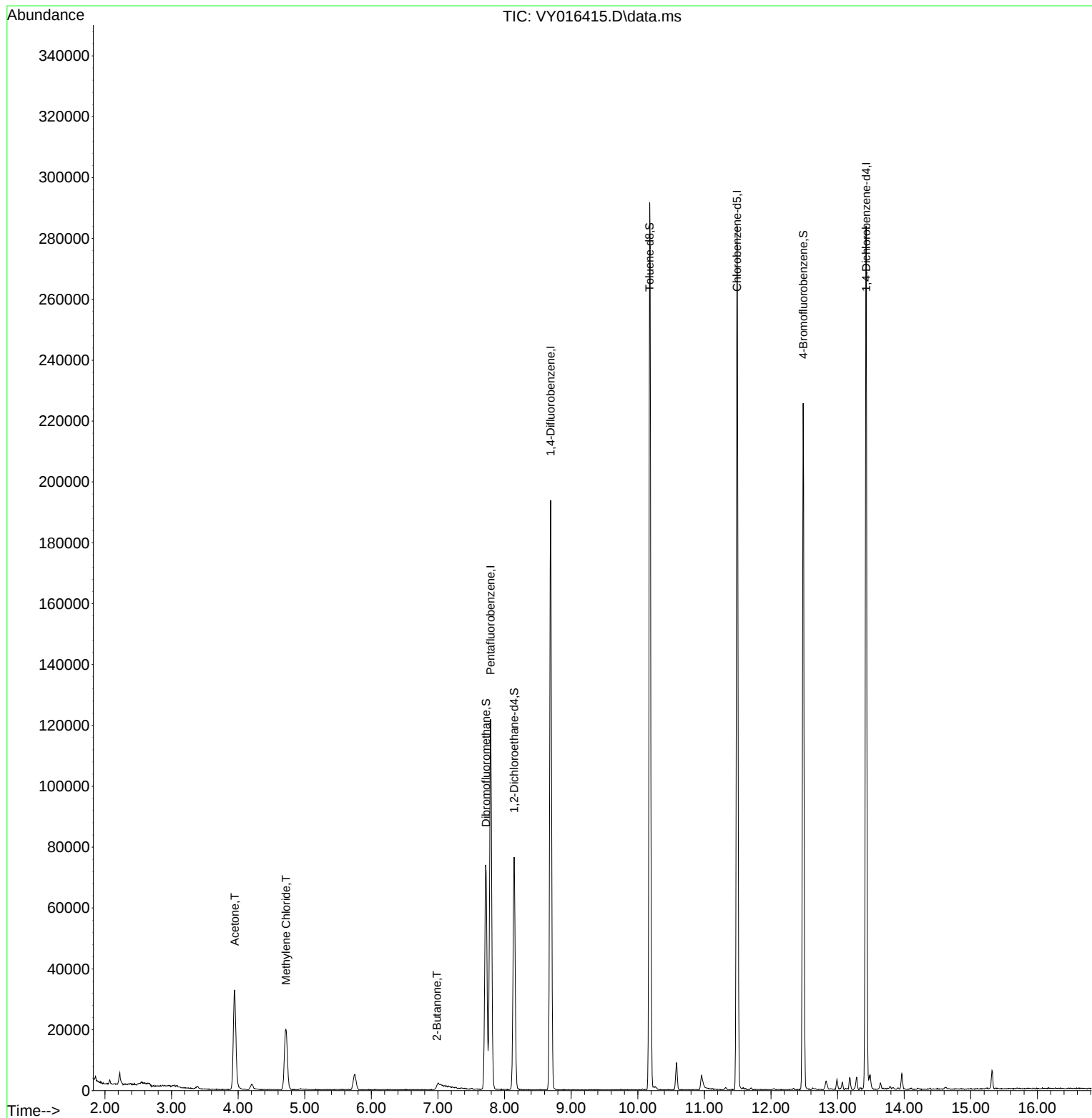
Internal Standards						
1) Pentafluorobenzene	7.789	168	95774	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	167505	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	162097	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	74449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59192	67.622	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.240%	
35) Dibromofluoromethane	7.722	113	52743	55.429	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	195900	50.769	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.483	95	67925	54.200	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.400%	
Target Compounds						Qvalue
16) Acetone	3.948	43	57868	399.664	ug/l	90
20) Methylene Chloride	4.716	84	16547	13.646	ug/l	86
25) 2-Butanone	6.984	43	2269	8.947	ug/l	96

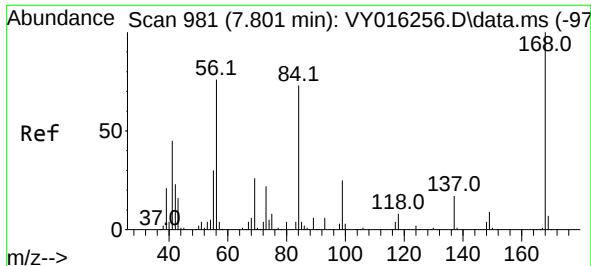
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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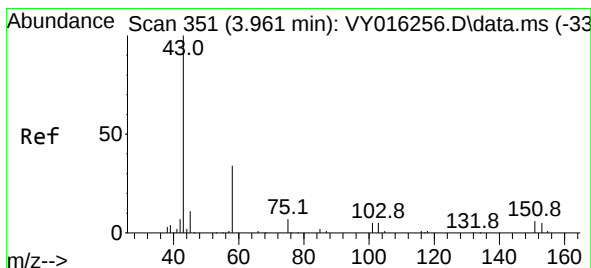
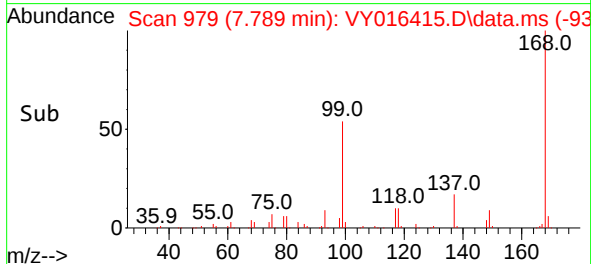
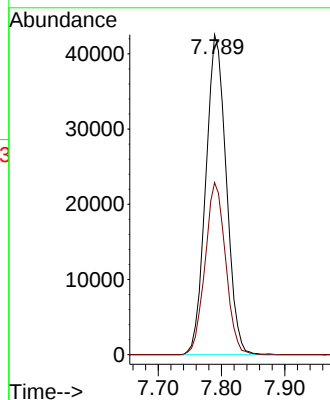
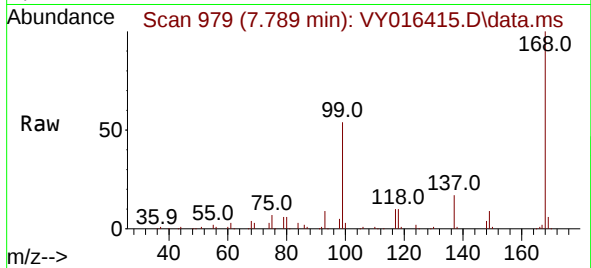




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

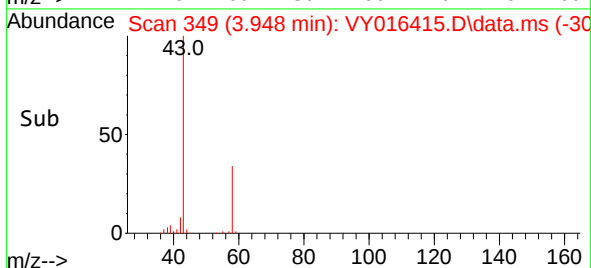
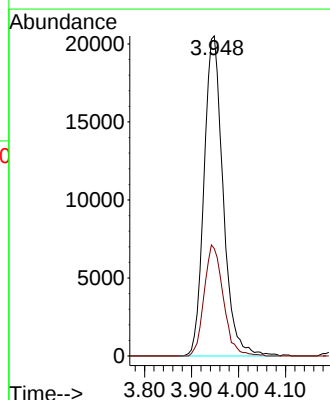
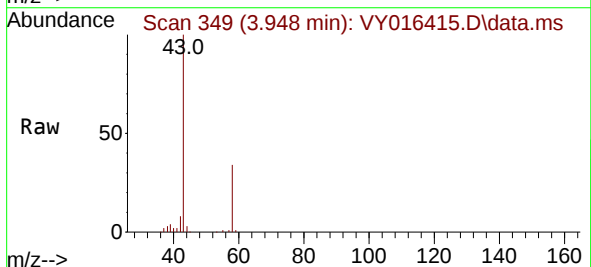
Instrument :
MSVOA_Y
ClientSampleId :
RB200018

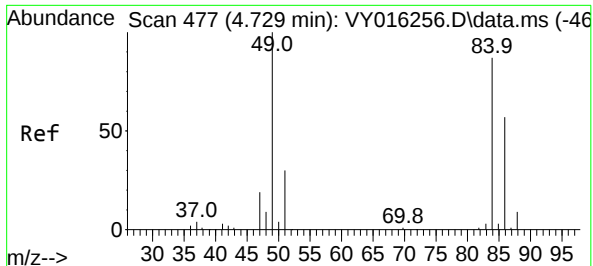
Tgt Ion:168 Resp: 95774
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 399.664 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Tgt Ion: 43 Resp: 57868
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1

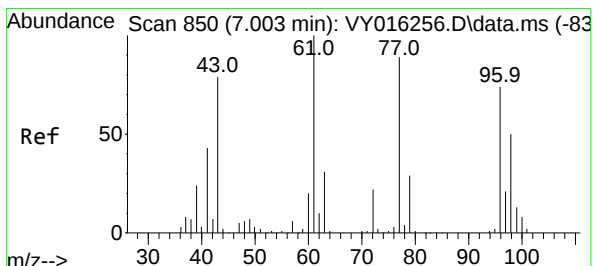
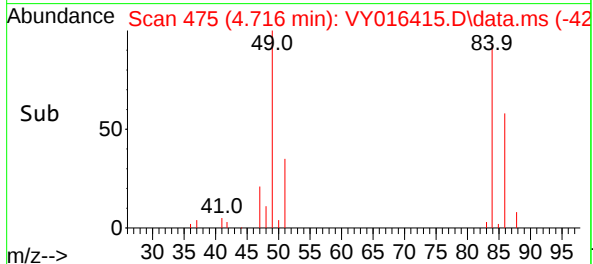
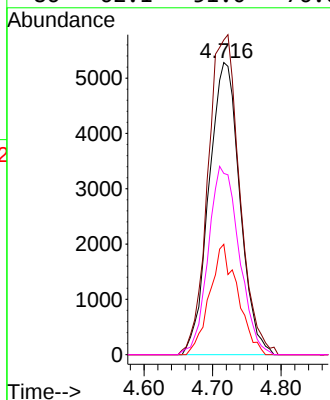
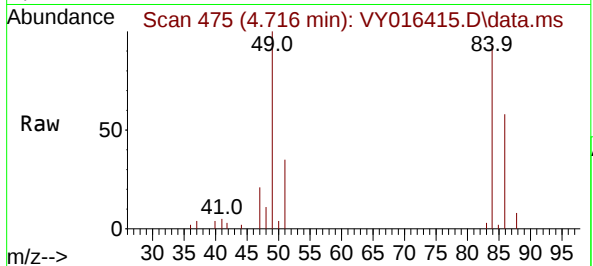




#20
Methylene Chloride
Concen: 13.646 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

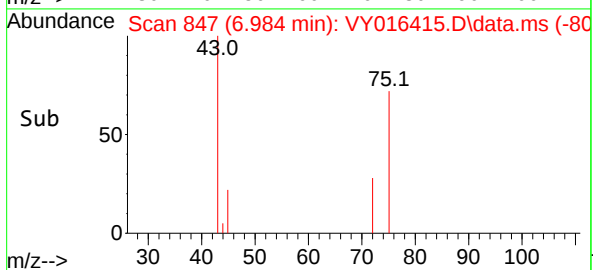
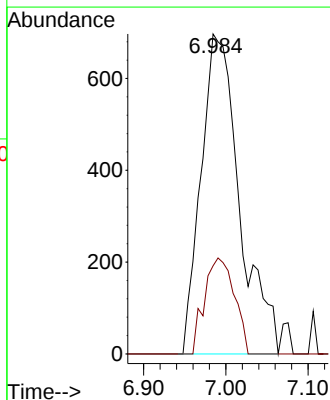
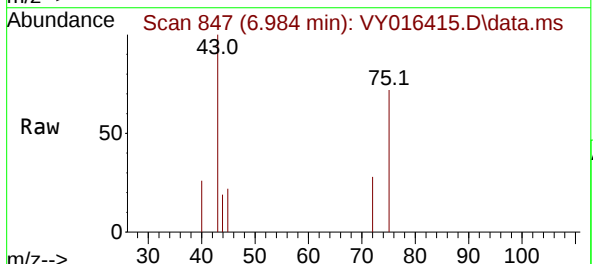
Instrument :
MSVOA_Y
ClientSampleId :
RB200018

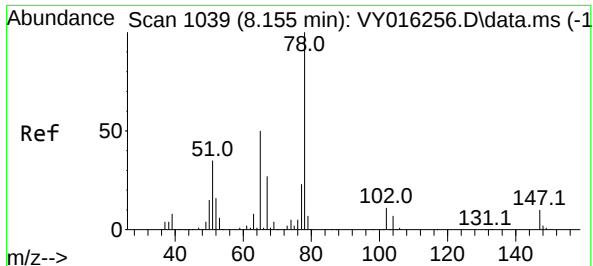
Tgt Ion:	84	Resp:	16547
Ion	Ratio	Lower	Upper
84	100		
49	107.7	106.9	160.3
51	37.8	33.2	49.8
86	62.1	51.0	76.6



#25
2-Butanone
Concen: 8.947 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

Tgt Ion:	43	Resp:	2269
Ion	Ratio	Lower	Upper
43	100		
72	27.5	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 67.622 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

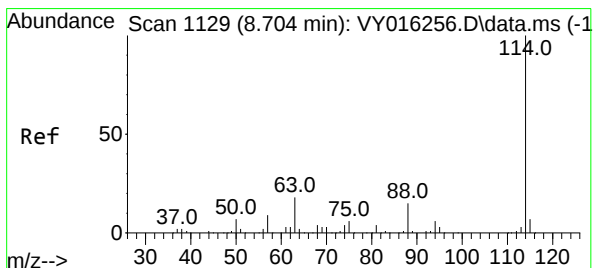
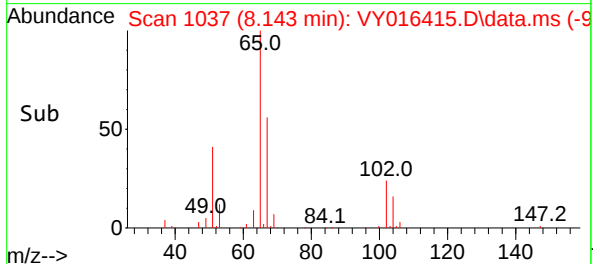
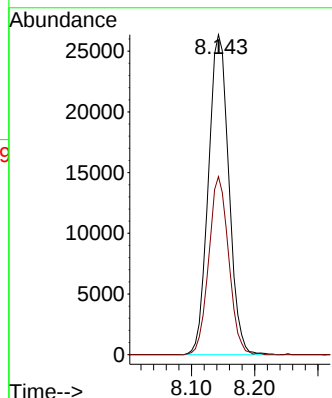
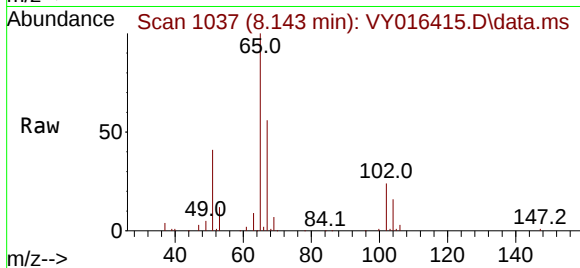
RB200018

Tgt Ion: 65 Resp: 59192

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

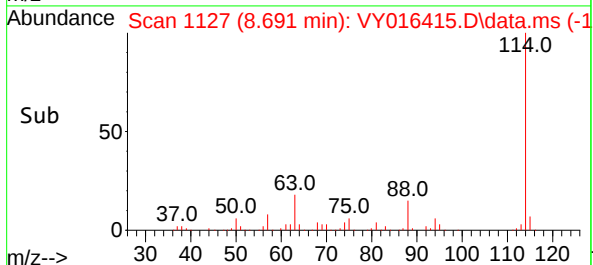
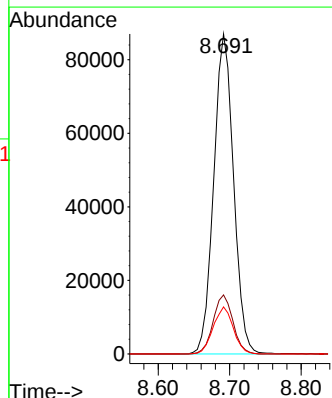
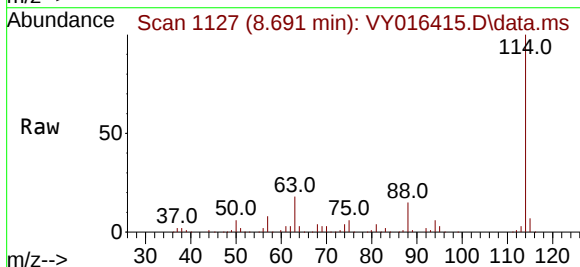
Tgt Ion: 114 Resp: 167505

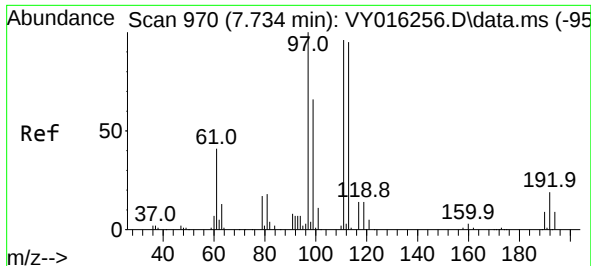
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.429 ug/l

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY016415.D

Acq: 17 Nov 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

RB200018

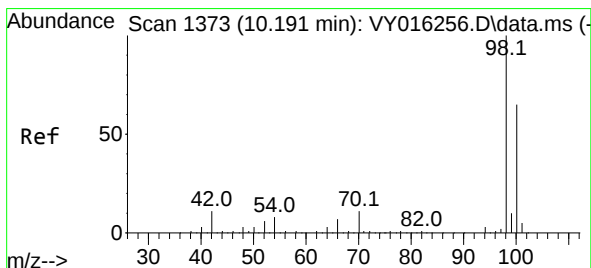
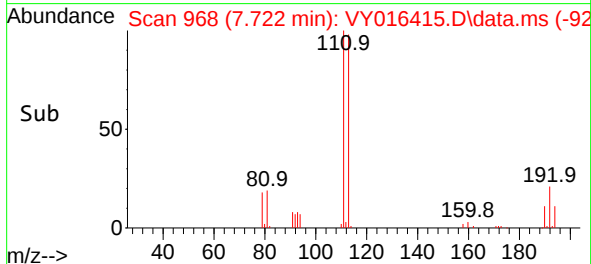
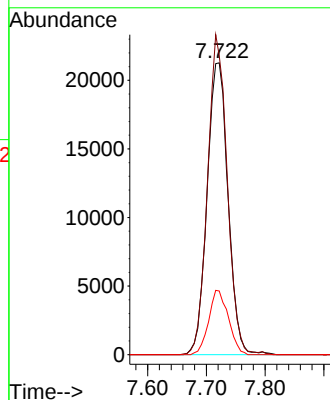
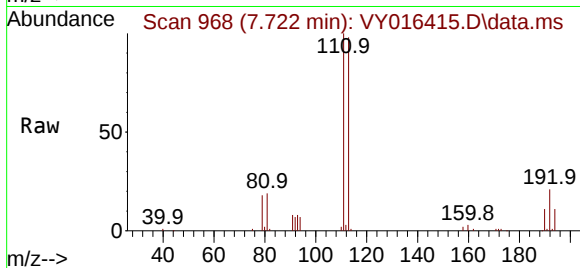
Tgt Ion:113 Resp: 52743

Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.7 16.9 25.3



#50

Toluene-d8

Concen: 50.769 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016415.D

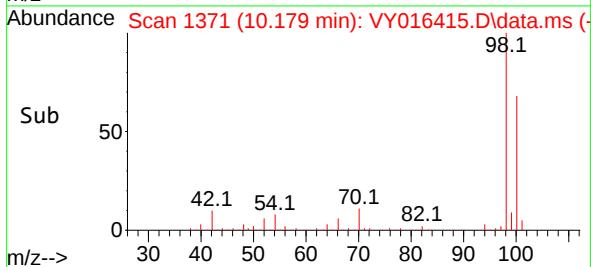
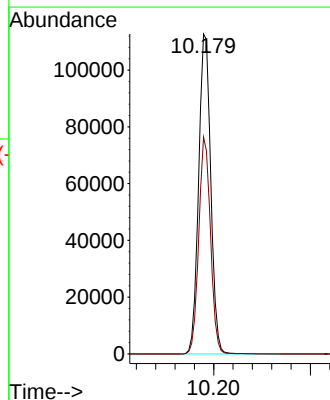
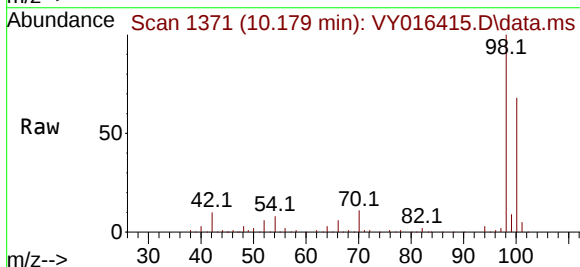
Acq: 17 Nov 2023 17:16

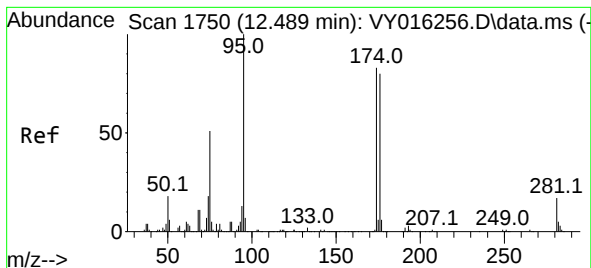
Tgt Ion: 98 Resp: 195900

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

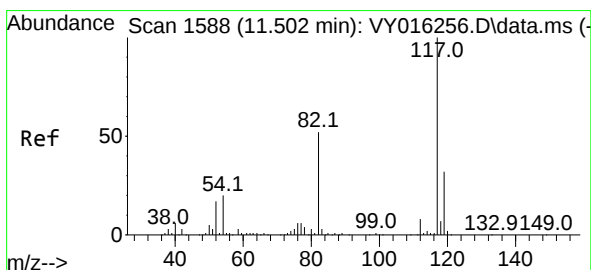
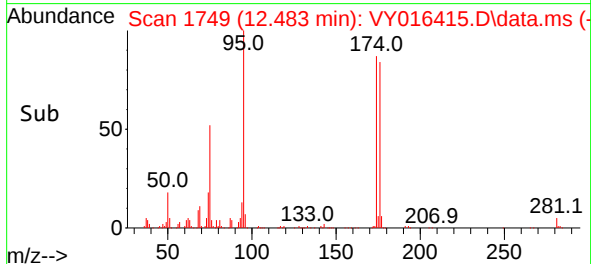
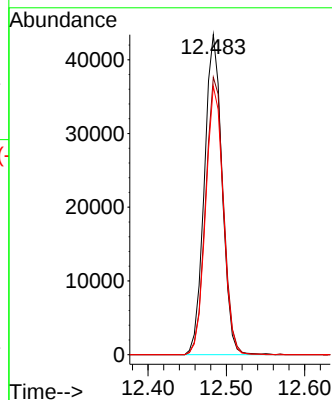
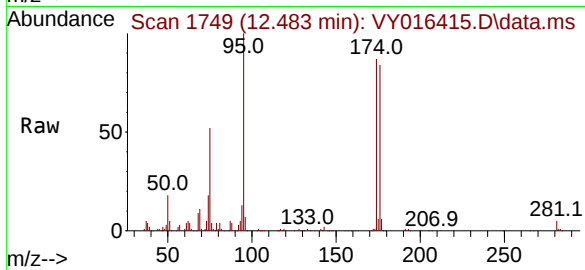




#62
4-Bromofluorobenzene
Concen: 54.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

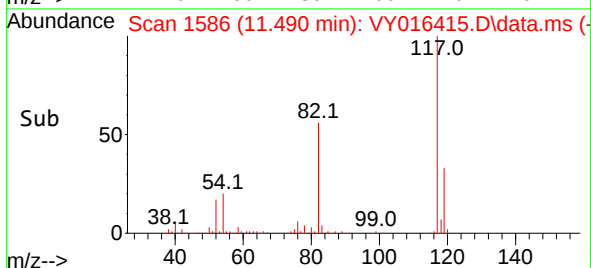
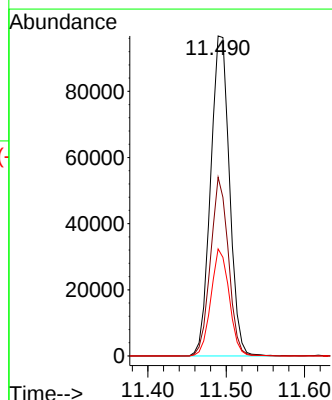
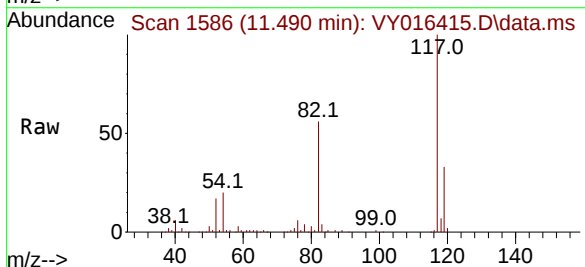
Instrument :
MSVOA_Y
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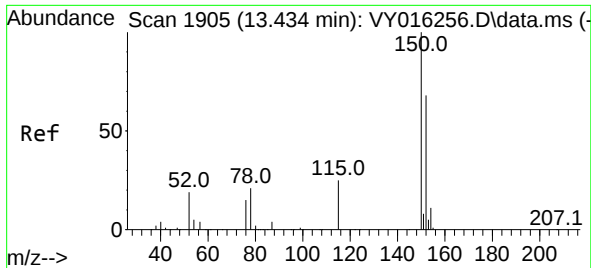
Tgt Ion: 95 Resp: 67925
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.2
176 83.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016415.D
Acq: 17 Nov 2023 17:16

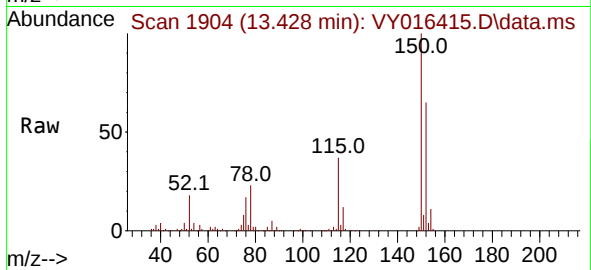
Tgt Ion: 117 Resp: 162097
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 33.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016415.D
 Acq: 17 Nov 2023 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB200018



Tgt Ion:	152	Resp:	74449
Ion Ratio	Lower	Upper	
152	100		
115	57.0	28.8	86.5
150	156.6	0.0	348.8

