

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016417.D
 Acq On : 17 Nov 2023 18:03
 Operator : SY/MD
 Sample : 05464-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-11162023

Quant Time: Nov 18 05:23:23 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)

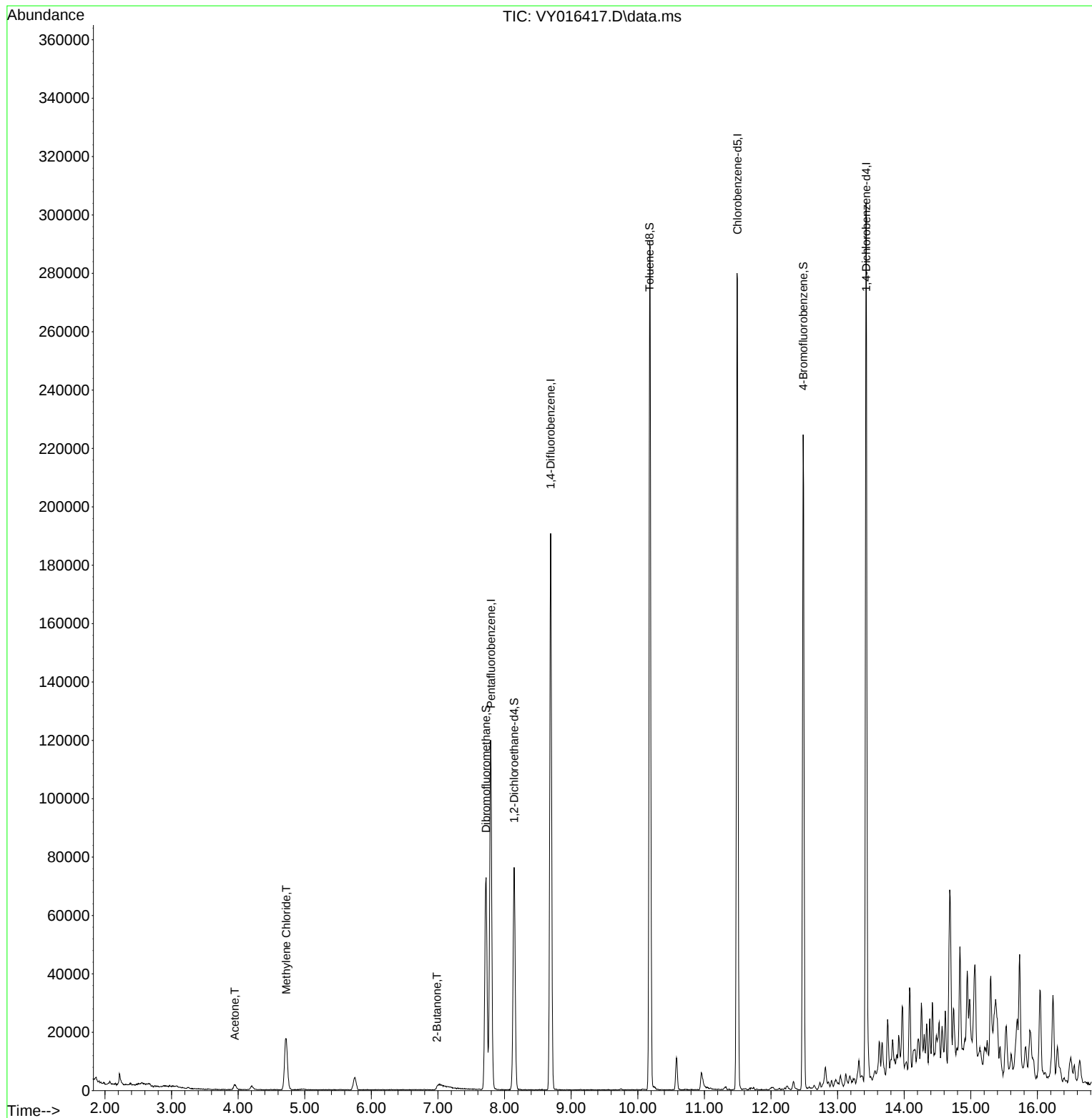
Internal Standards						
1) Pentafluorobenzene	7.795	168	93629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165932	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	161179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59545	69.584	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.160%	
35) Dibromofluoromethane	7.722	113	52655	55.862	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.179	98	197648	51.707	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.483	95	67962	54.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3287	23.222	ug/l	91
20) Methylene Chloride	4.723	84	14723	12.084	ug/l #	85
25) 2-Butanone	6.984	43	1360	5.485	ug/l	95

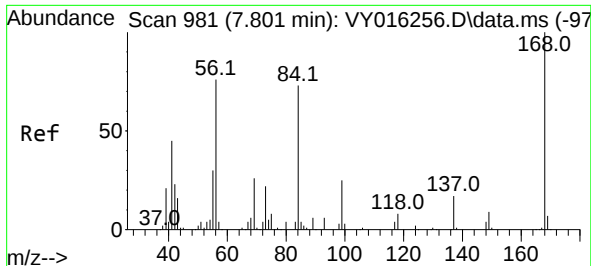
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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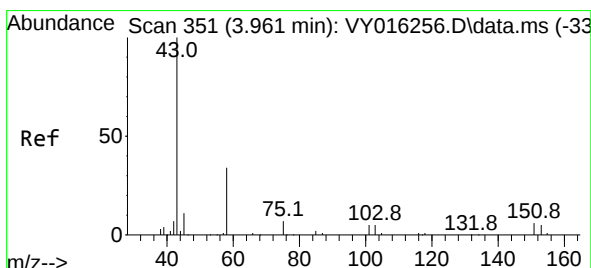
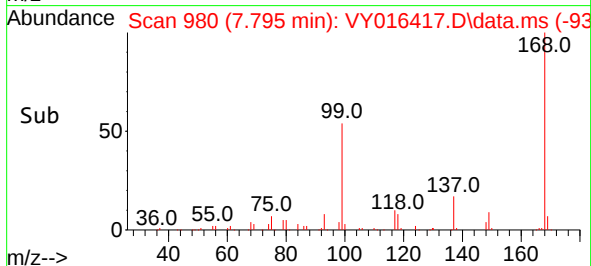
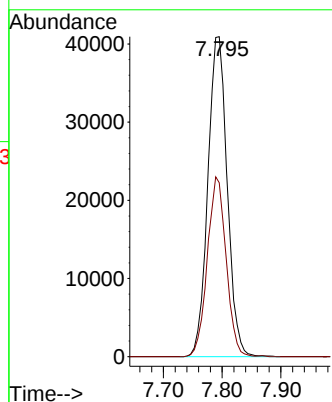
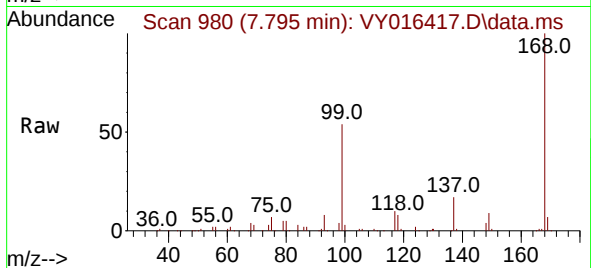




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

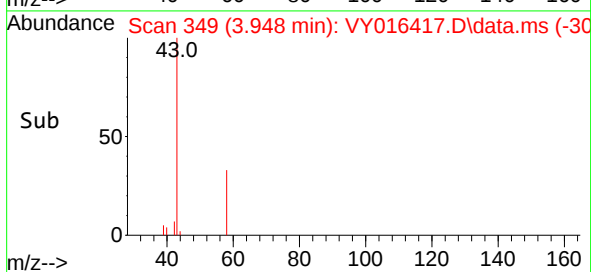
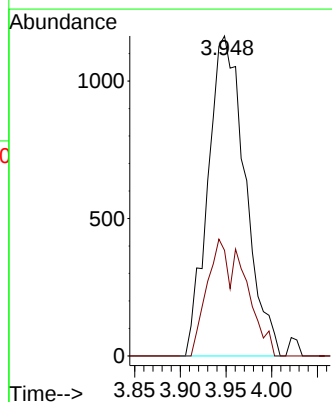
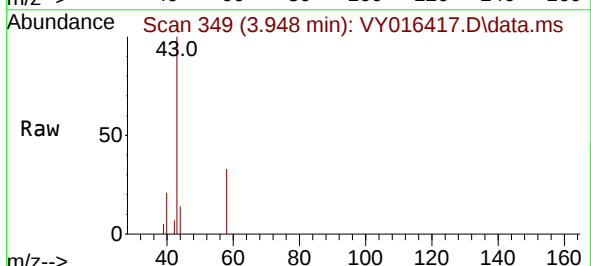
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023

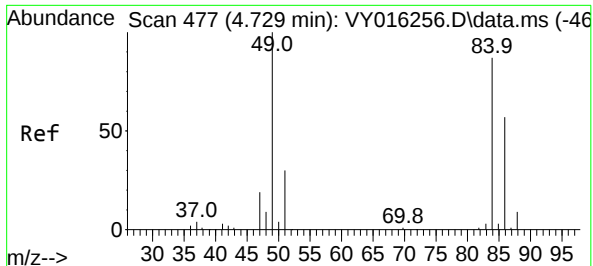
Tgt Ion:168 Resp: 93629
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 23.222 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#20

Methylene Chloride

Concen: 12.084 ug/l

RT: 4.723 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016417.D

Acq: 17 Nov 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-11162023

Tgt Ion: 84 Resp: 14723

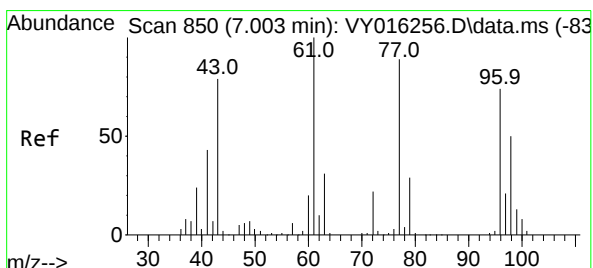
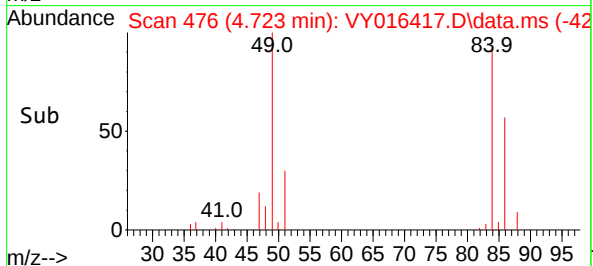
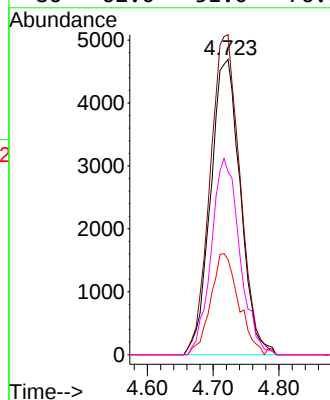
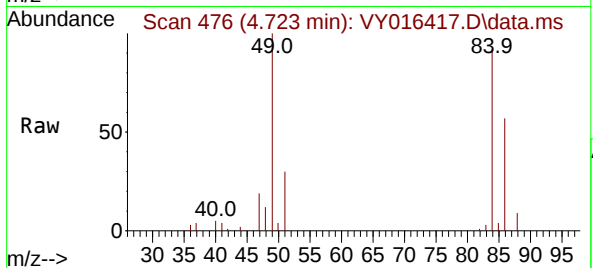
Ion Ratio Lower Upper

84 100

49 108.4 106.9 160.3

51 32.2 33.2 49.8#

86 62.0 51.0 76.6



#25

2-Butanone

Concen: 5.485 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY016417.D

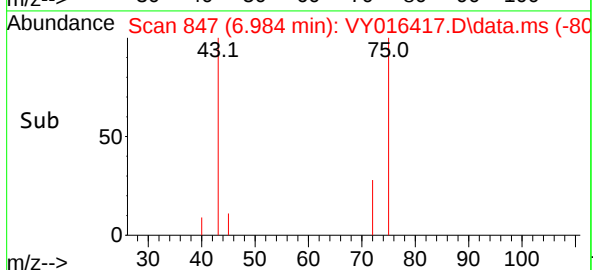
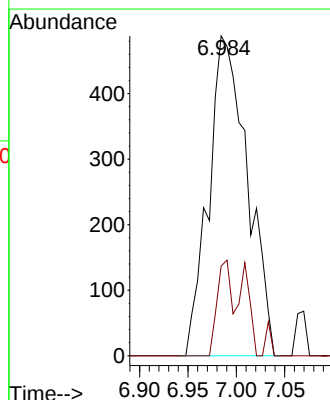
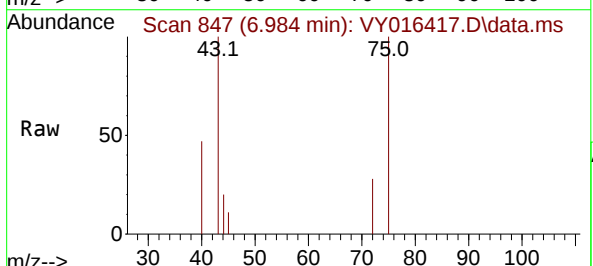
Acq: 17 Nov 2023 18:03

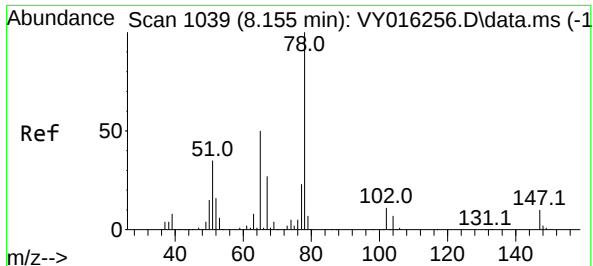
Tgt Ion: 43 Resp: 1360

Ion Ratio Lower Upper

43 100

72 28.1 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 69.584 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016417.D

Acq: 17 Nov 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

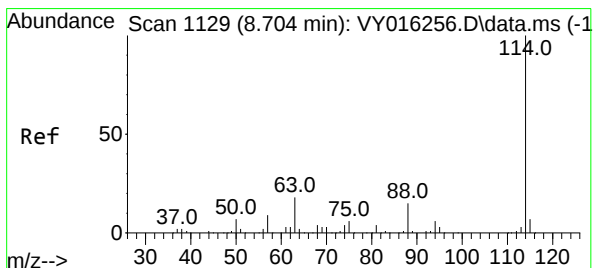
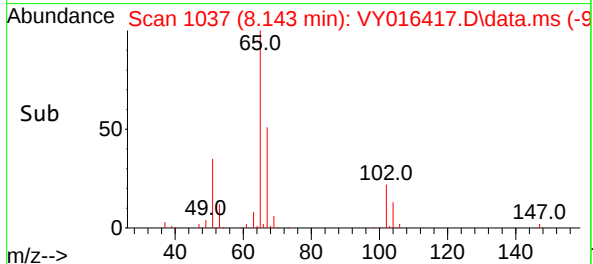
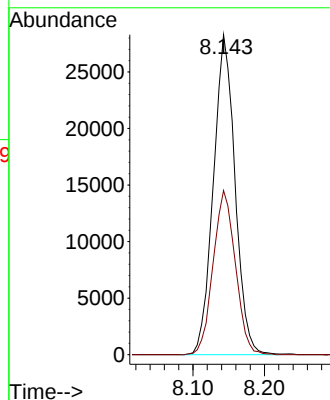
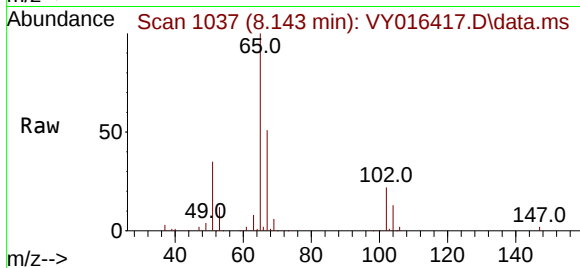
TR-05-11162023

Tgt Ion: 65 Resp: 59545

Ion Ratio Lower Upper

65 100

67 52.7 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: VY016417.D

Acq: 17 Nov 2023 18:03

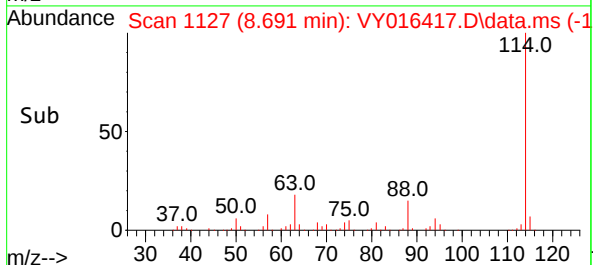
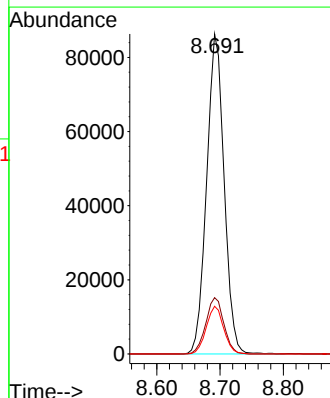
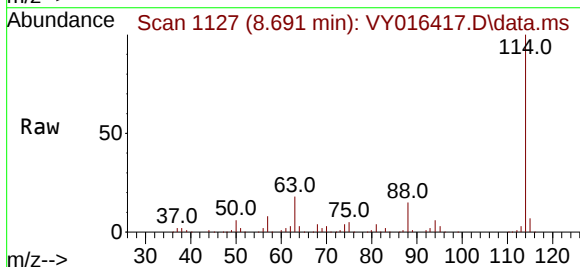
Tgt Ion: 114 Resp: 165932

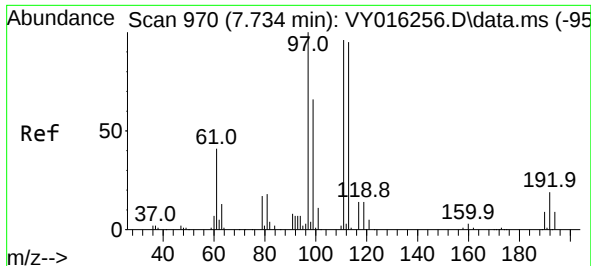
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.9 0.0 30.6

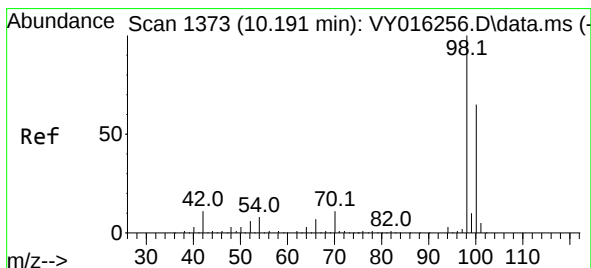
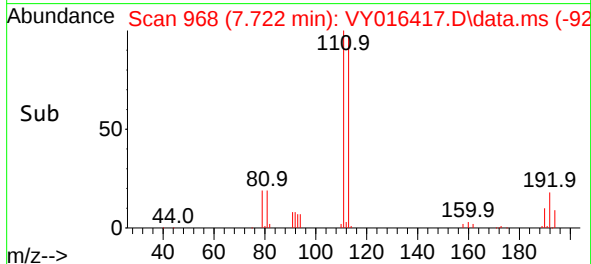
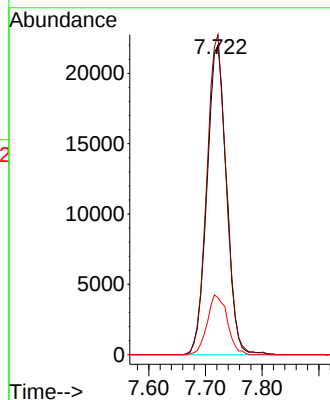
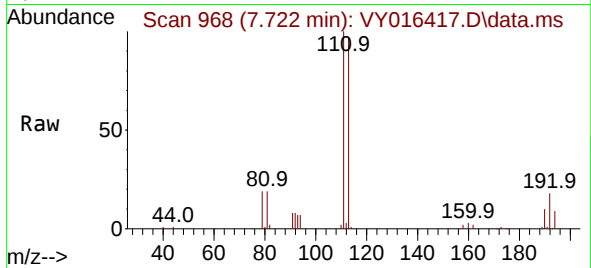




#35
Dibromofluoromethane
Concen: 55.862 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

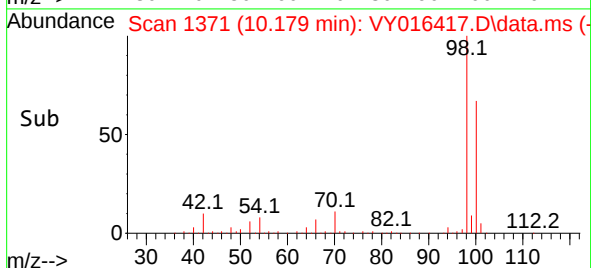
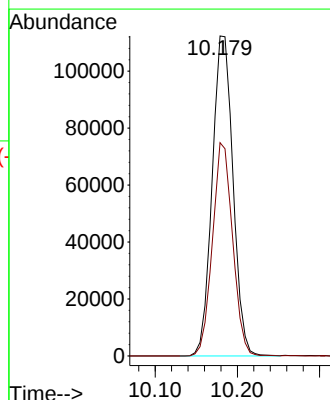
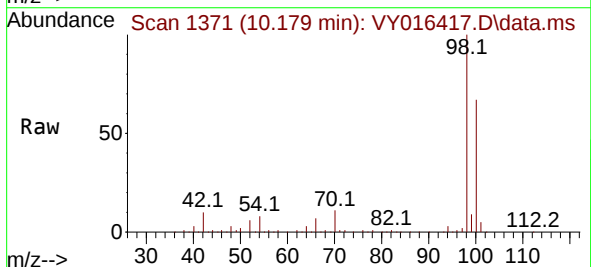
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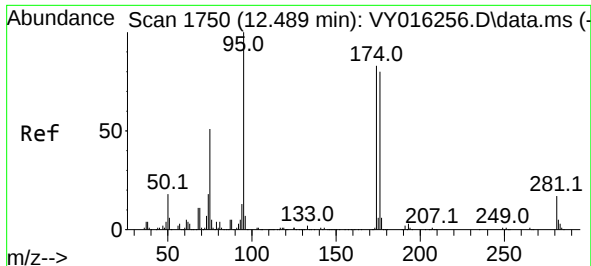
Tgt Ion:113 Resp: 52655
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 51.707 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

Tgt Ion: 98 Resp: 197648
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

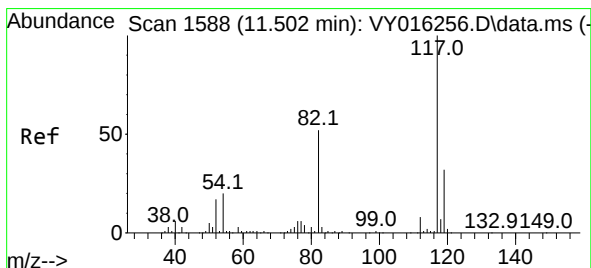
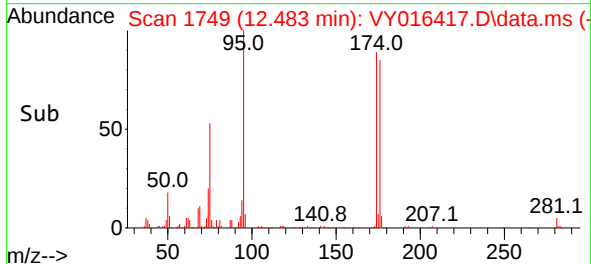
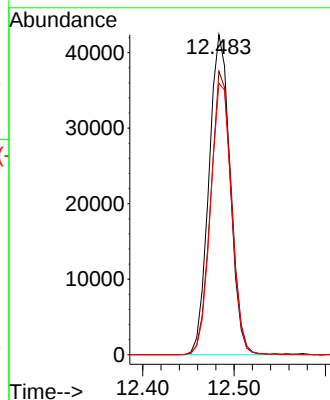
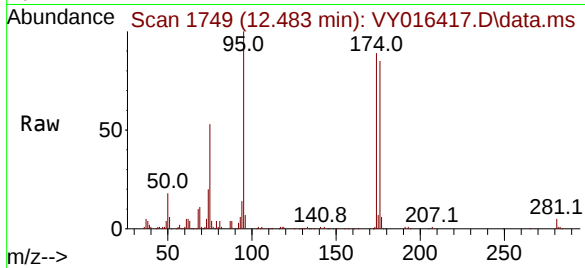




#62
4-Bromofluorobenzene
Concen: 54.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

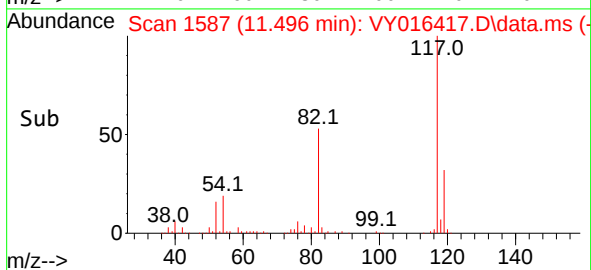
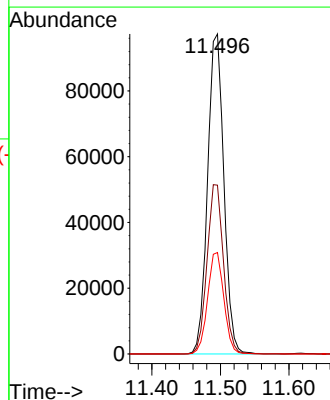
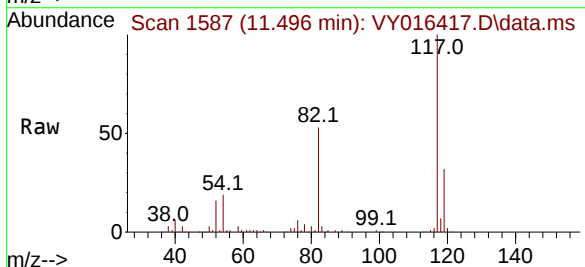
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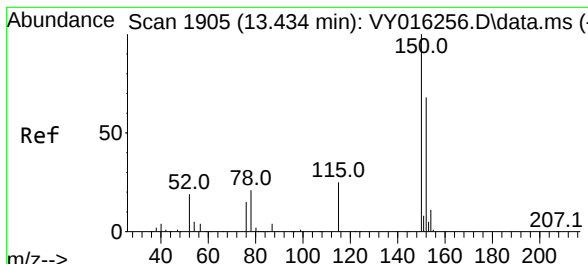
Tgt Ion: 95 Resp: 67962
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 84.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016417.D
Acq: 17 Nov 2023 18:03

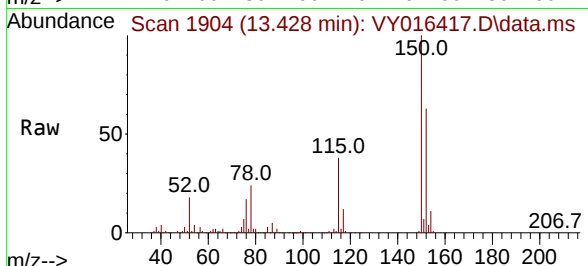
Tgt Ion: 117 Resp: 161179
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016417.D
 Acq: 17 Nov 2023 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-11162023



Tgt Ion:	152	Resp:	76618
Ion Ratio	Lower	Upper	
152	100		
115	58.8	28.8	86.5
150	158.8	0.0	348.8

