

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016275.D
 Acq On : 09 Nov 2023 12:39
 Operator : SY/MD
 Sample : 05293-01
 Misc : 6.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Nov 09 22:57:10 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)

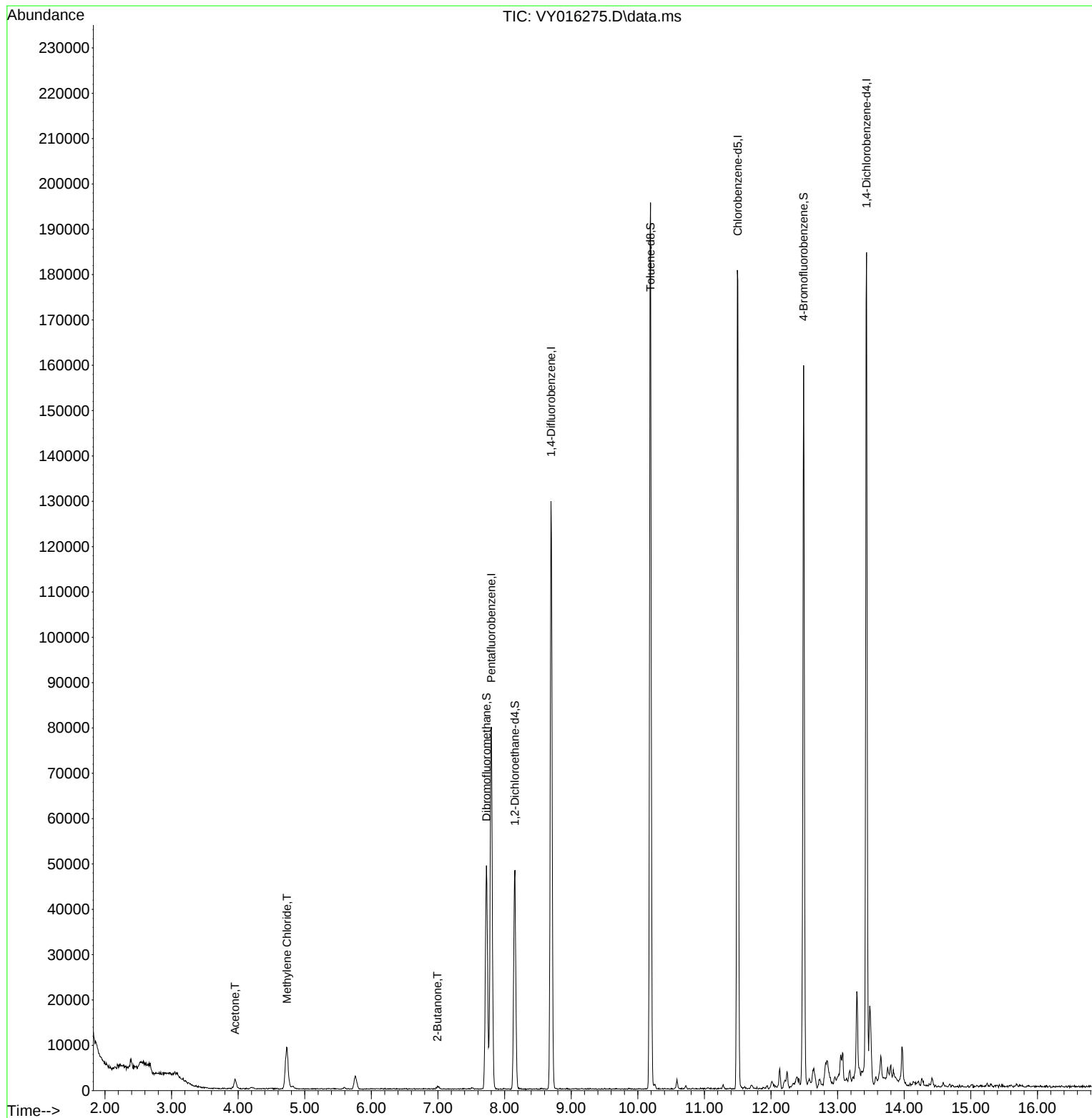
Internal Standards						
1) Pentafluorobenzene	7.801	168	64991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	112771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	104030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	47660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	38014	63.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.000%	
35) Dibromofluoromethane	7.728	113	35180	54.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.191	98	131706	50.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.489	95	44722	53.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.020%	
Target Compounds						Qvalue
16) Acetone	3.954	43	3546	36.090	ug/l	94
20) Methylene Chloride	4.734	84	7175	7.369	ug/l	83
25) 2-Butanone	6.990	43	1102	6.403	ug/l #	84

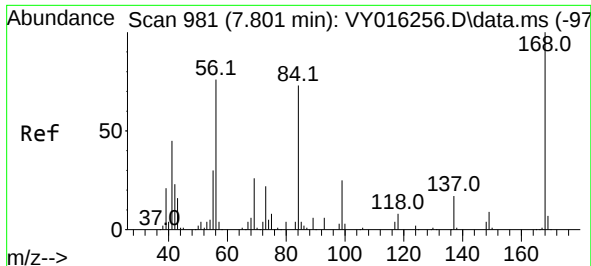
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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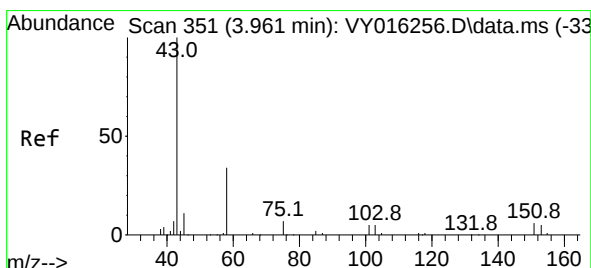
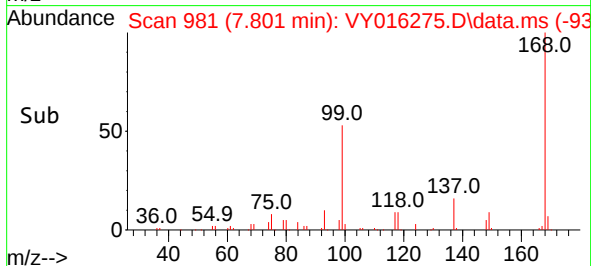
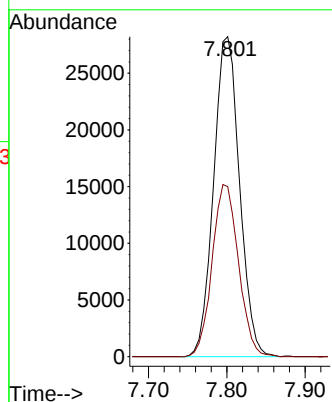
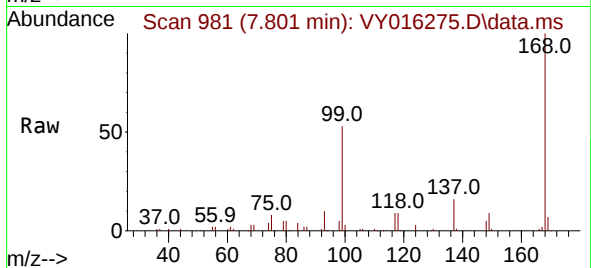




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

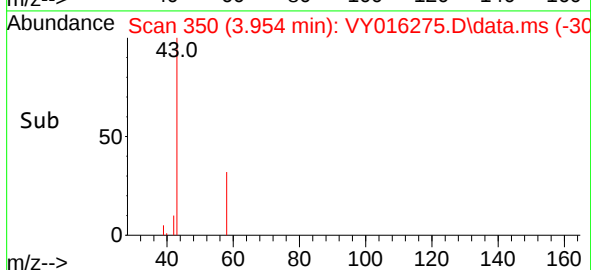
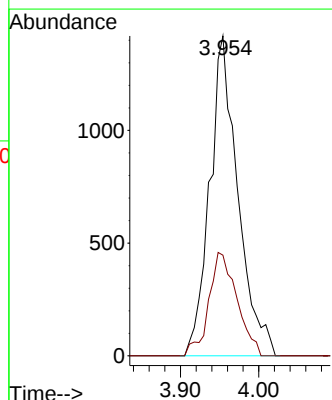
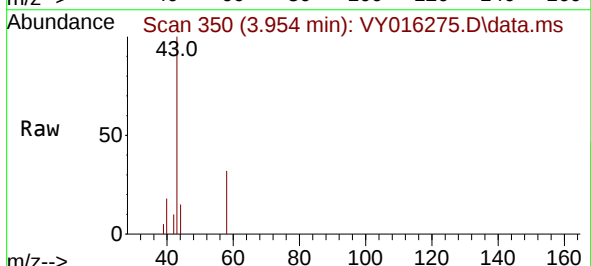
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

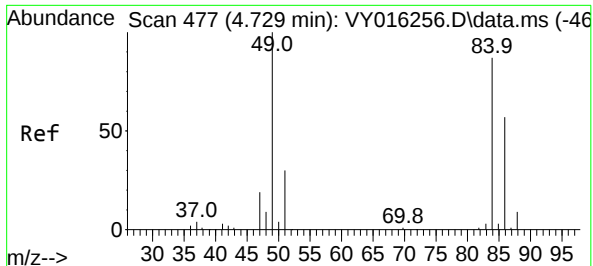
Tgt Ion:168 Resp: 64991
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 36.090 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion: 43 Resp: 3546
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1





#20

Methylene Chloride

Concen: 7.369 ug/l

RT: 4.734 min Scan# 41

Delta R.T. 0.005 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

Tgt Ion: 84 Resp: 7175

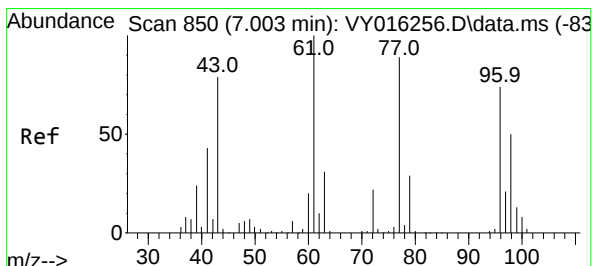
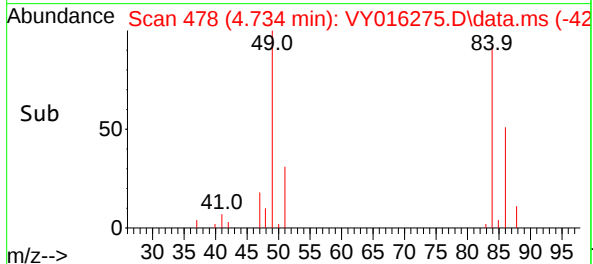
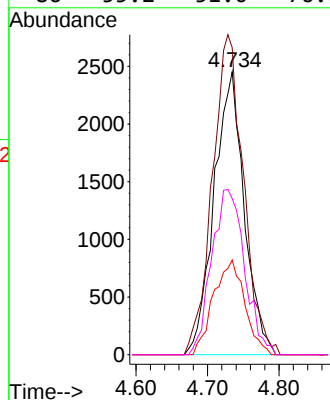
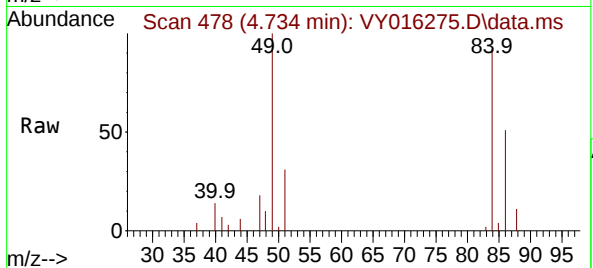
Ion Ratio Lower Upper

84 100

49 108.6 106.9 160.3

51 33.5 33.2 49.8

86 55.2 51.0 76.6



#25

2-Butanone

Concen: 6.403 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY016275.D

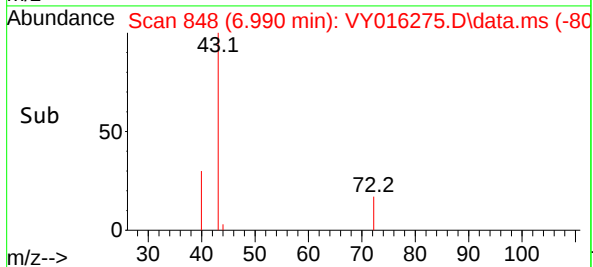
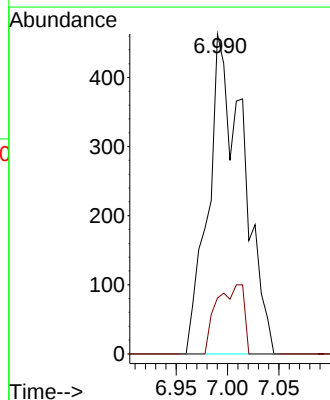
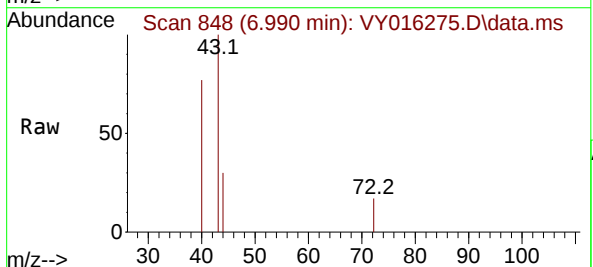
Acq: 09 Nov 2023 12:39

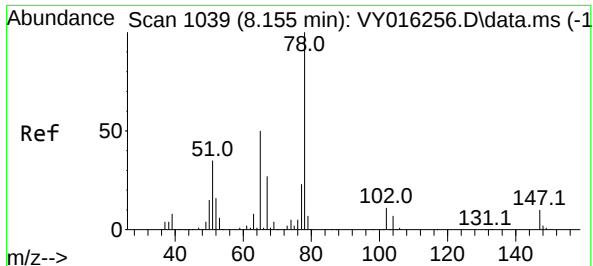
Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

72 17.5 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 63.997 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

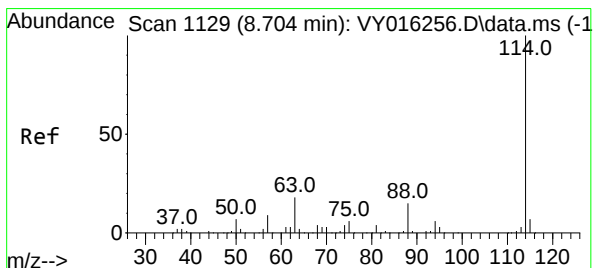
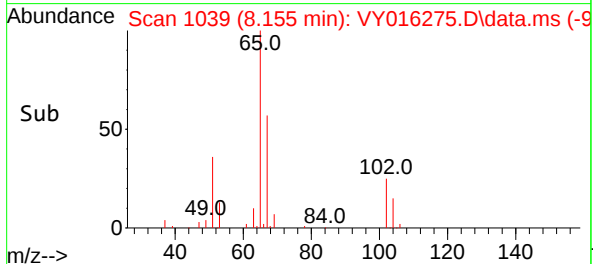
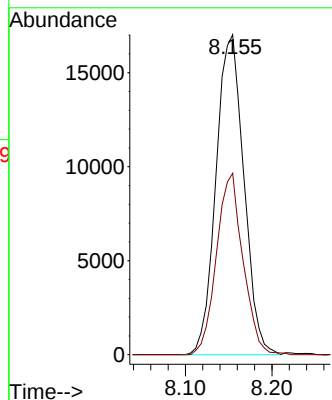
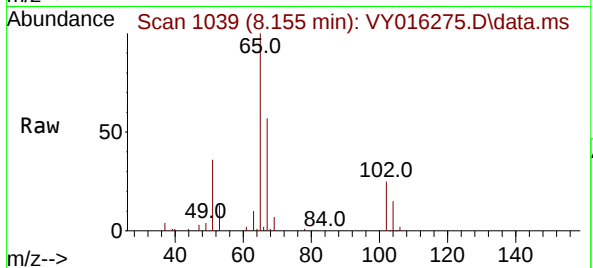
SB-1

Tgt Ion: 65 Resp: 38014

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

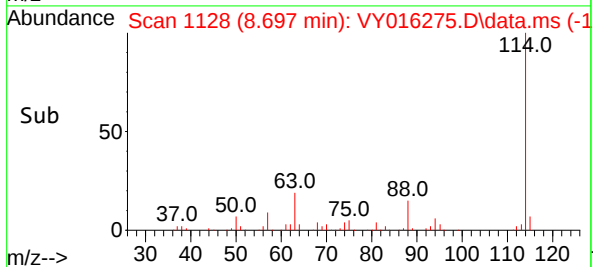
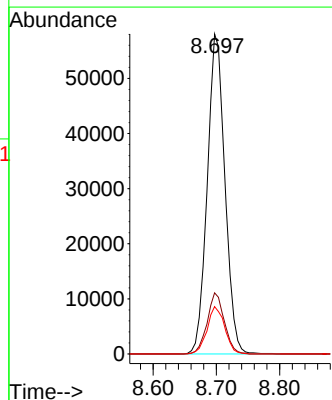
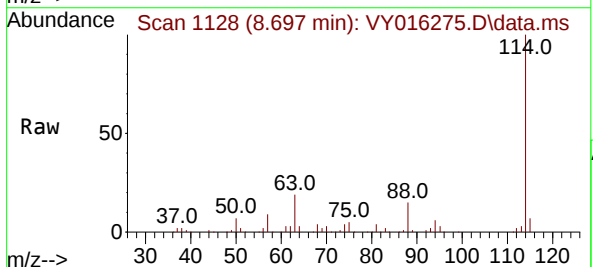
Tgt Ion: 114 Resp: 112771

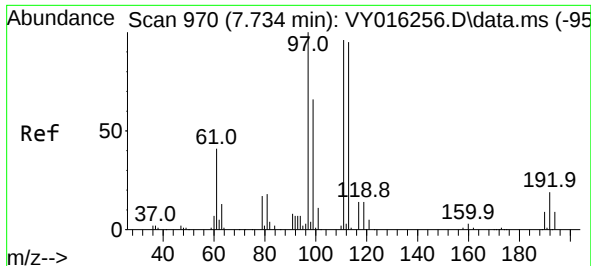
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6

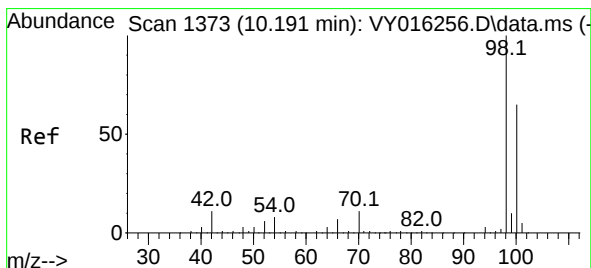
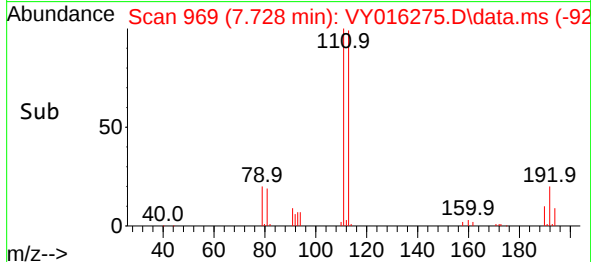
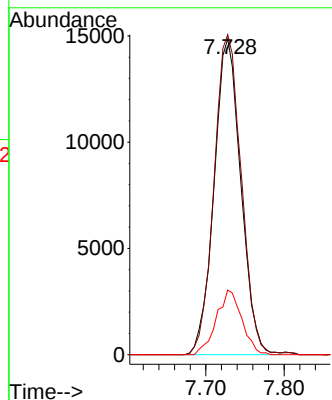
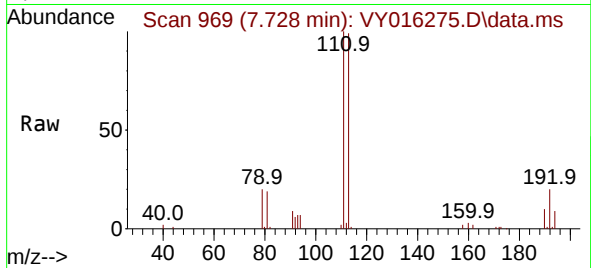




#35
 Dibromofluoromethane
 Concen: 54.916 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY016275.D
 Acq: 09 Nov 2023 12:39

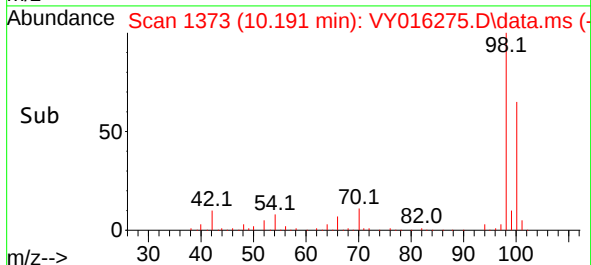
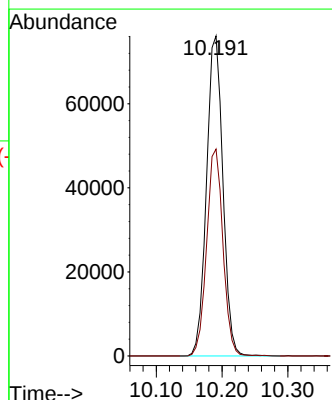
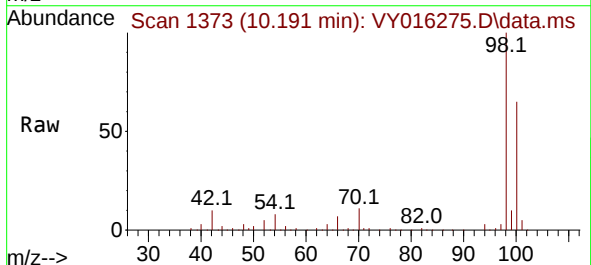
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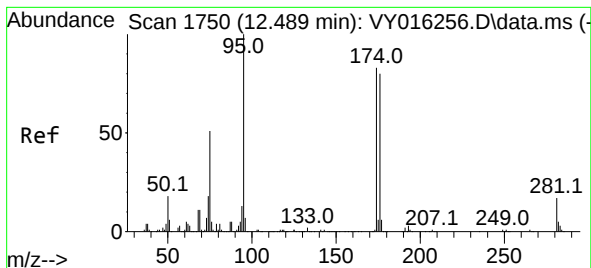
Tgt Ion:113 Resp: 35180
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 19.5 16.9 25.3



#50
 Toluene-d8
 Concen: 50.699 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016275.D
 Acq: 09 Nov 2023 12:39

Tgt Ion: 98 Resp: 131706
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.1 75.1

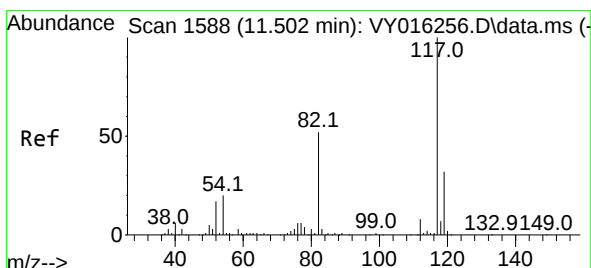
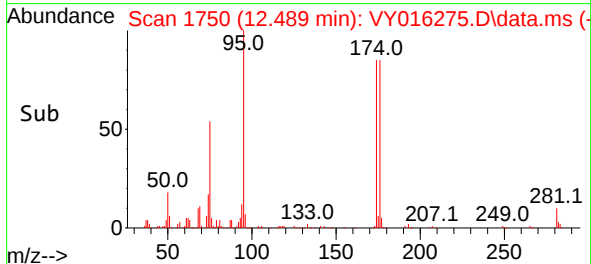
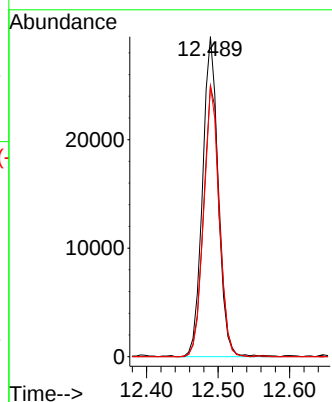
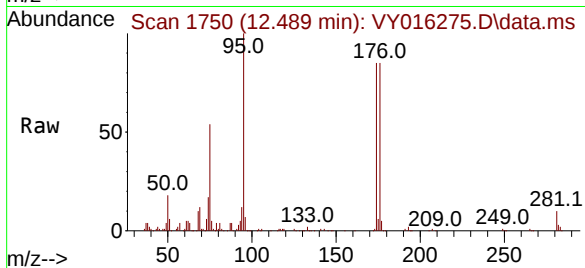




#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

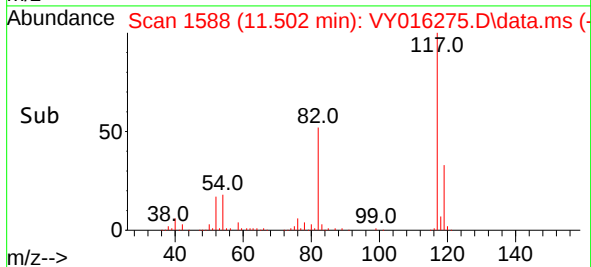
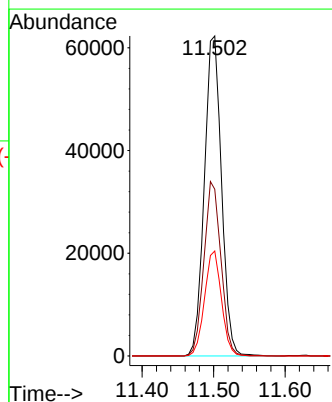
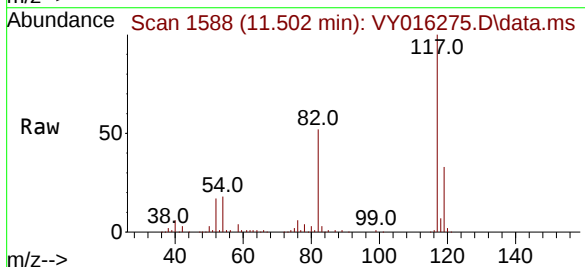
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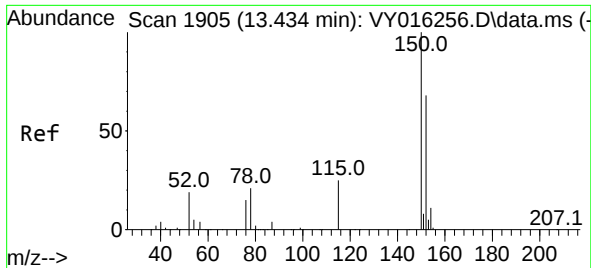
Tgt Ion: 95 Resp: 44722
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion: 117 Resp: 104030
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016275.D
 Acq: 09 Nov 2023 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Tgt Ion:152 Resp: 47660
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 157.6 0.0 348.8

