

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016031.D
 Acq On : 18 Oct 2023 19:39
 Operator : SY/MD
 Sample : 04887-01
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-622-COMP-04

Quant Time: Oct 19 03:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

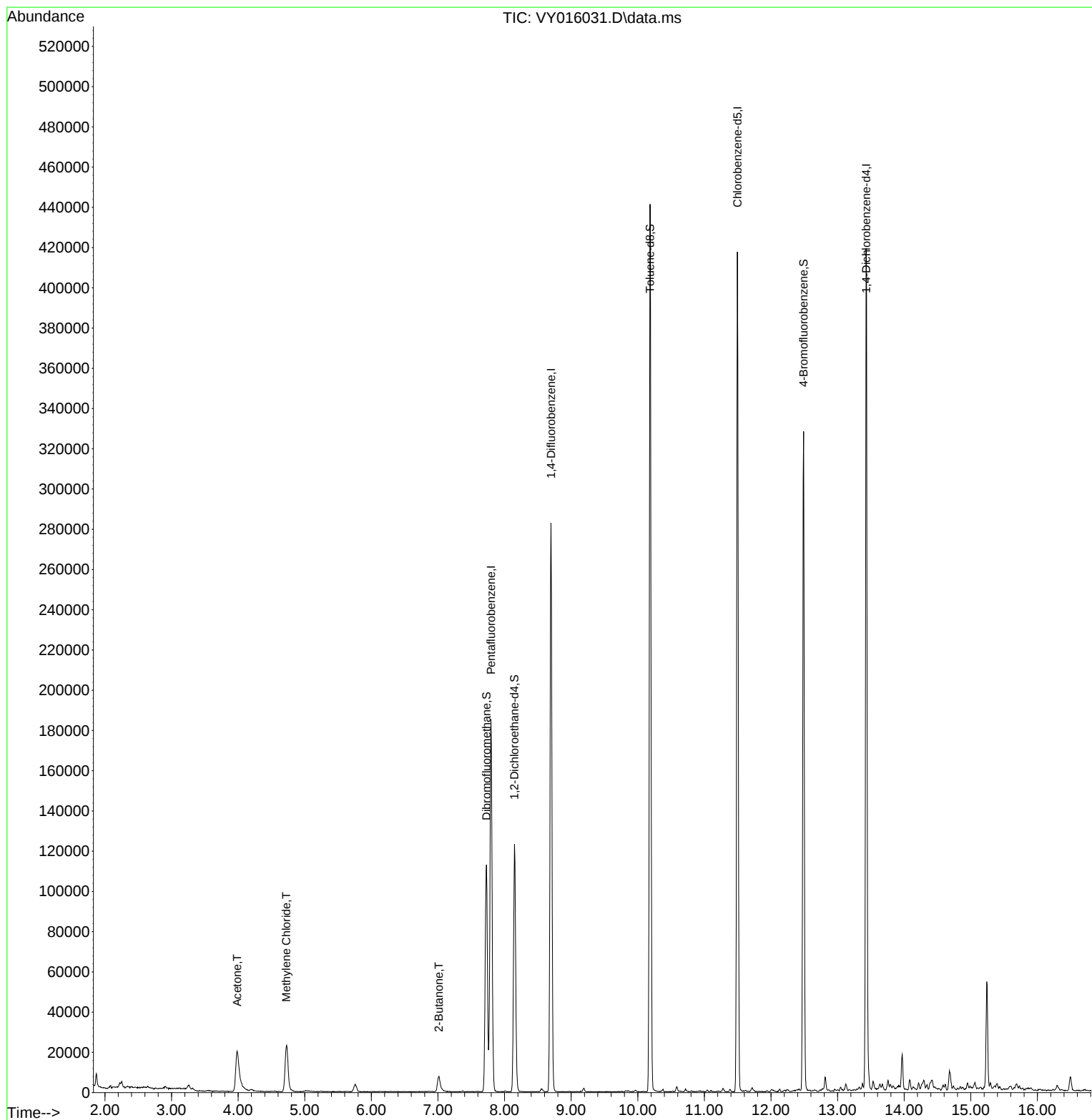
Internal Standards						
1) Pentafluorobenzene	7.795	168	142633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	242552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94437	58.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.728	113	81580	51.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.185	98	284230	49.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.489	95	98752	47.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.460%
Target Compounds					Qvalue	
16) Acetone	3.985	43	54003	89.866	ug/l	91
20) Methylene Chloride	4.723	84	18466	10.344	ug/l #	85
25) 2-Butanone	7.015	43	15962	19.392	ug/l	93

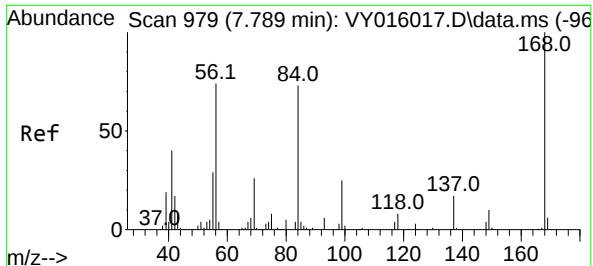
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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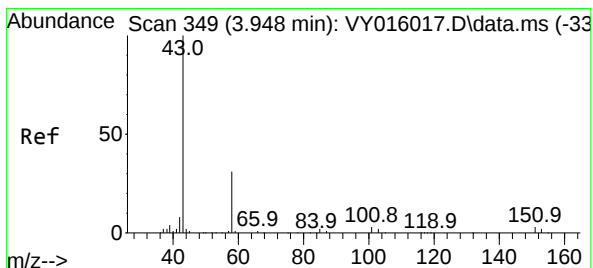
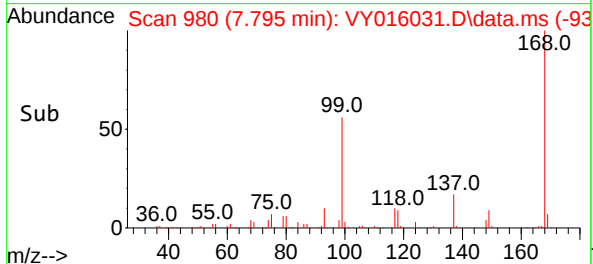
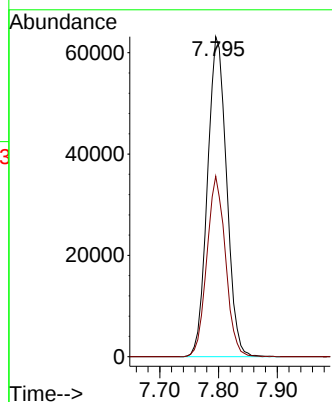
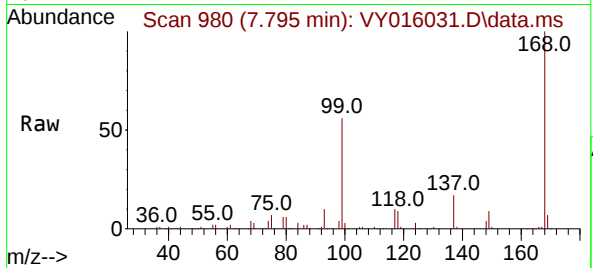




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

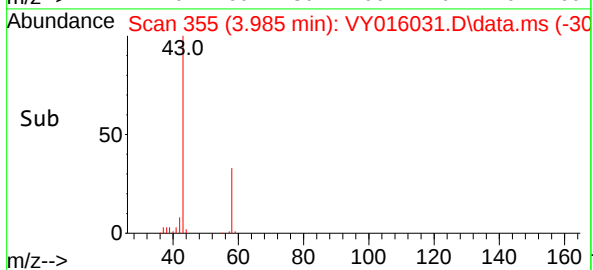
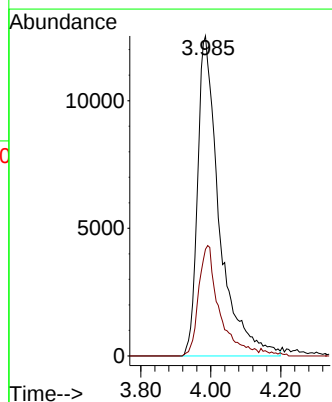
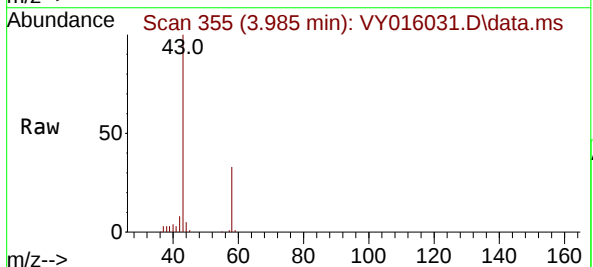
Instrument :
MSVOA_Y
ClientSampleId :
SU-622-COMP-04

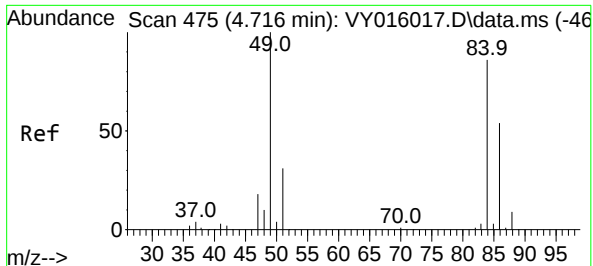
Tgt Ion:168 Resp: 142633
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 89.866 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

Tgt Ion: 43 Resp: 54003
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1





#20

Methylene Chloride

Concen: 10.344 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016031.D

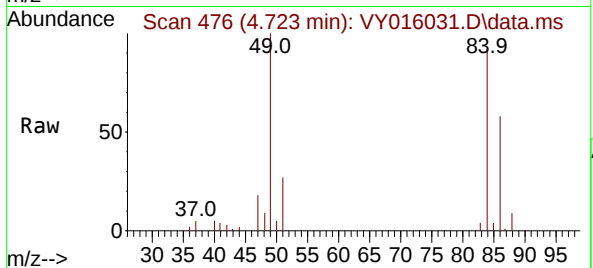
Acq: 18 Oct 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

SU-622-COMP-04



Tgt Ion: 84 Resp: 18466

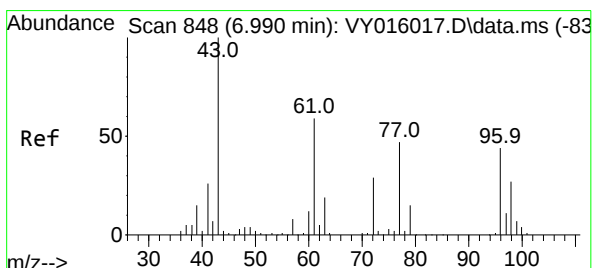
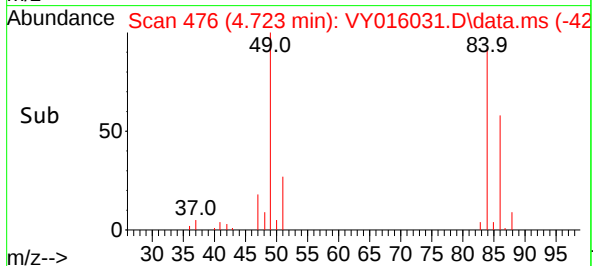
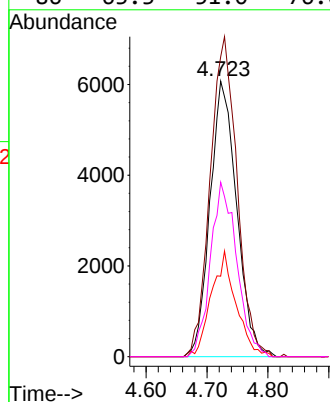
Ion Ratio Lower Upper

84 100

49 108.8 106.9 160.3

51 29.2 33.2 49.8#

86 63.3 51.0 76.6



#25

2-Butanone

Concen: 19.392 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.024 min

Lab File: VY016031.D

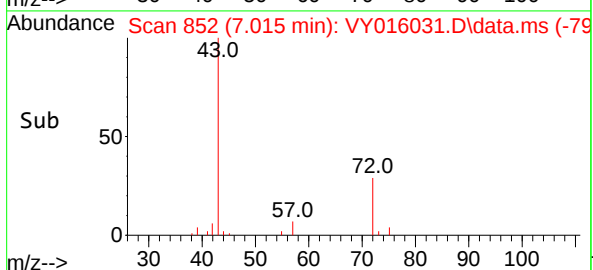
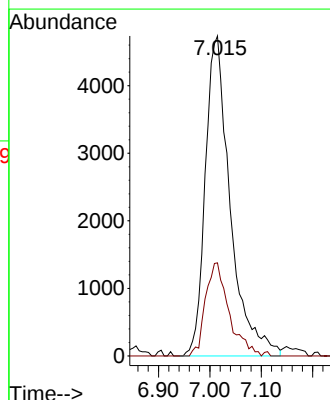
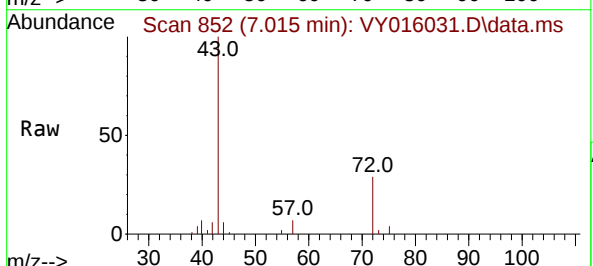
Acq: 18 Oct 2023 19:39

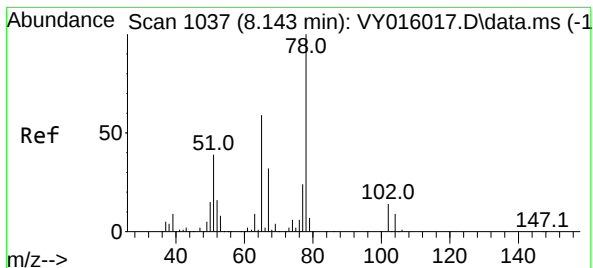
Tgt Ion: 43 Resp: 15962

Ion Ratio Lower Upper

43 100

72 29.1 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 58.254 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY016031.D

Acq: 18 Oct 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

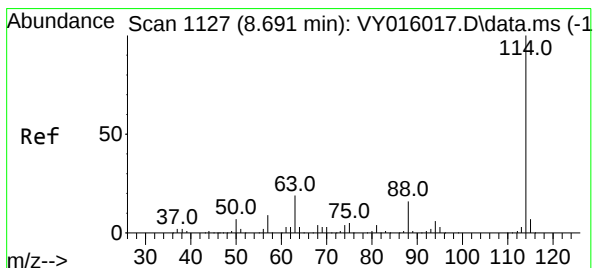
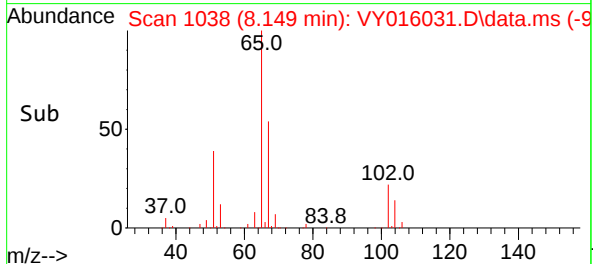
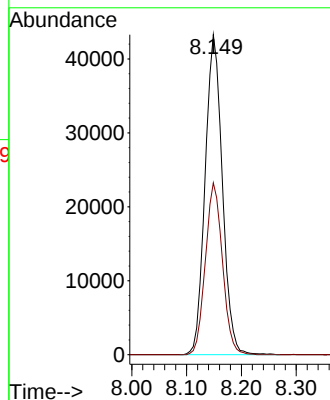
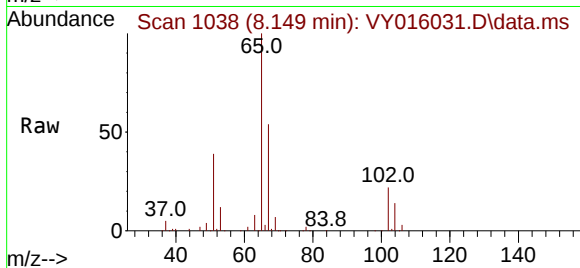
SU-622-COMP-04

Tgt Ion: 65 Resp: 94437

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016031.D

Acq: 18 Oct 2023 19:39

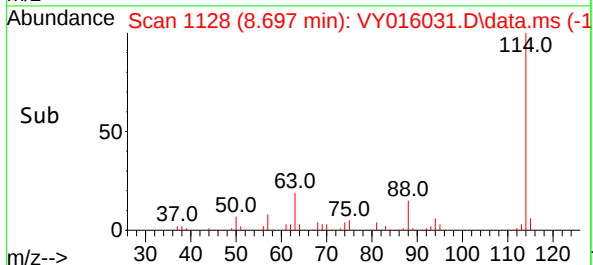
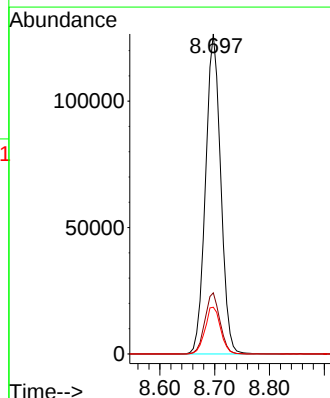
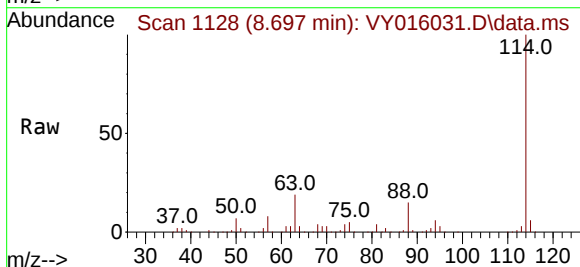
Tgt Ion: 114 Resp: 242552

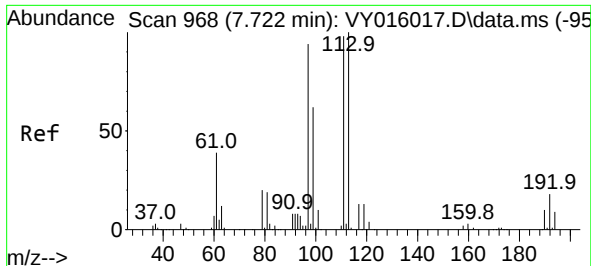
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.6 0.0 30.6

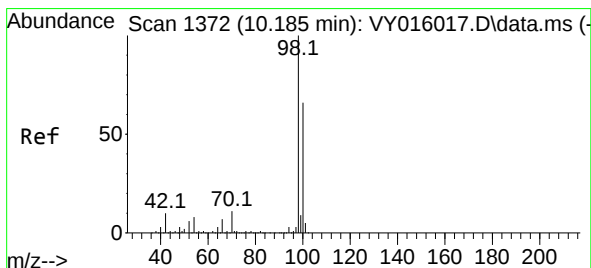
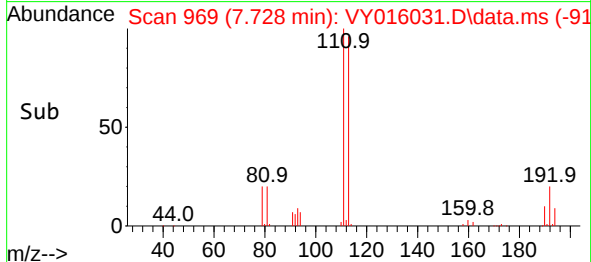
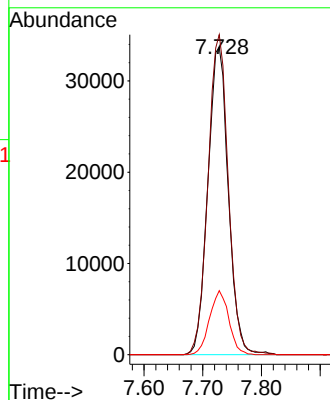
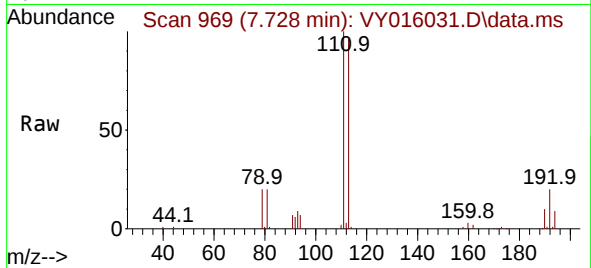




#35
Dibromofluoromethane
Concen: 51.099 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

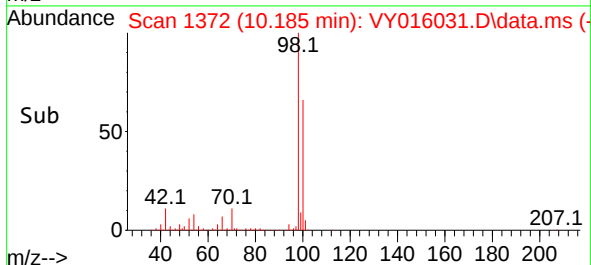
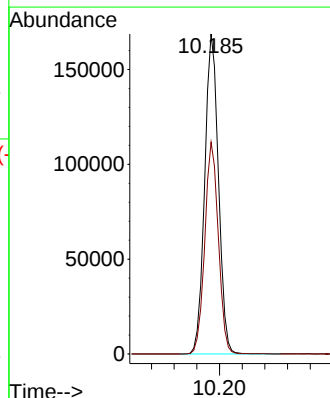
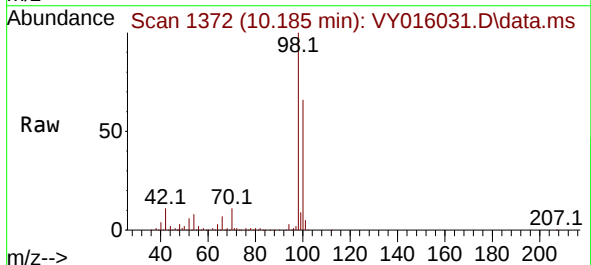
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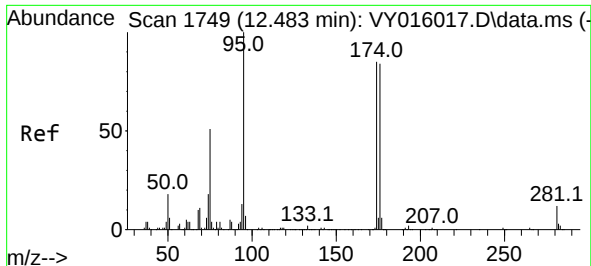
Tgt Ion:113 Resp: 81580
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.020 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

Tgt Ion: 98 Resp: 284230
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

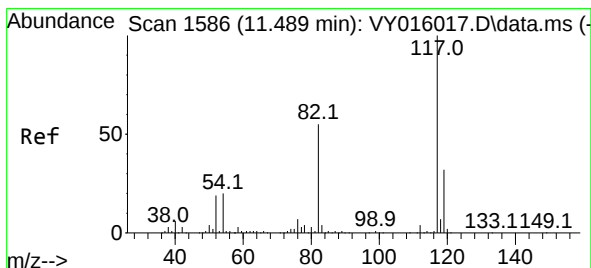
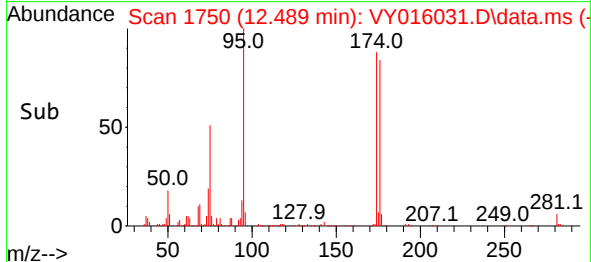
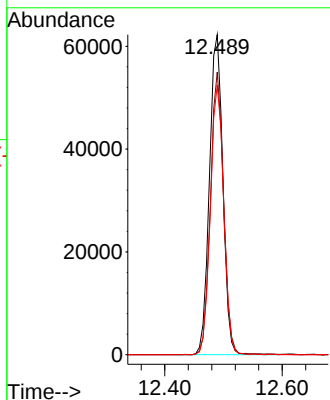
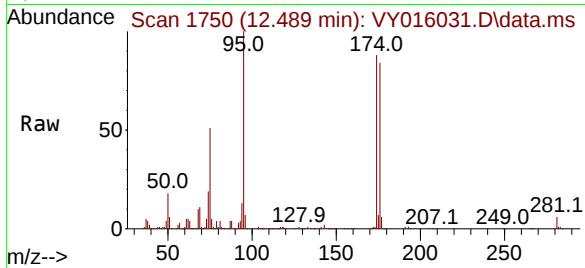




#62
4-Bromofluorobenzene
Concen: 47.732 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

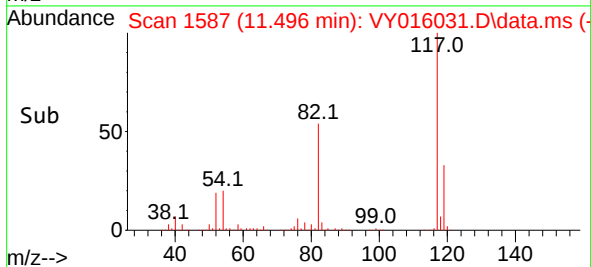
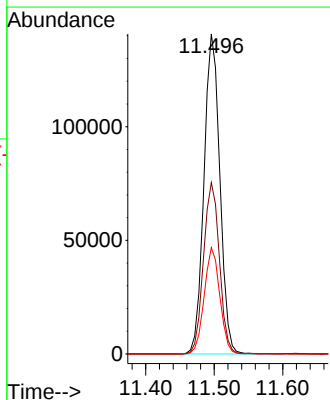
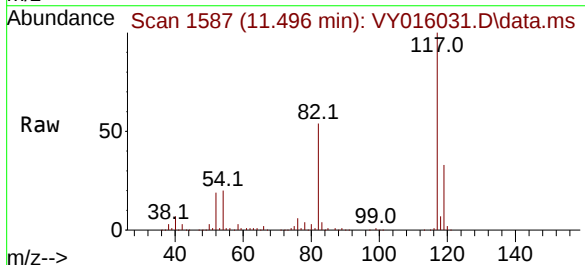
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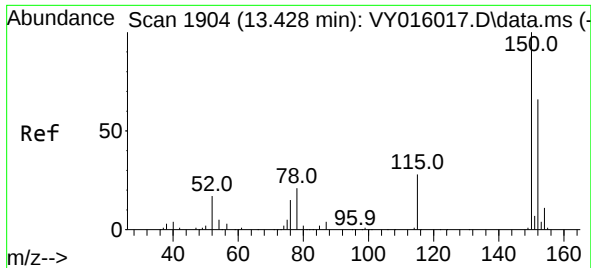
Tgt Ion: 95 Resp: 98752
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016031.D
Acq: 18 Oct 2023 19:39

Tgt Ion: 117 Resp: 227520
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 33.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016031.D

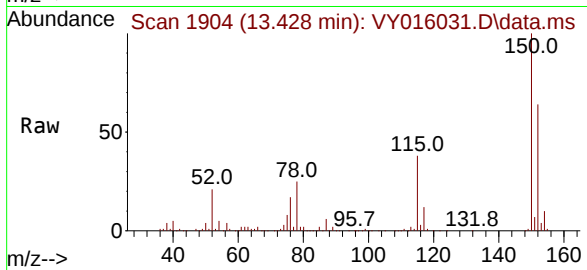
Acq: 18 Oct 2023 19:39

Instrument :

MSVOA_Y

ClientSampleId :

SU-622-COMP-04



Tgt Ion:152 Resp: 108409

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.6 0.0 348.8

