

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016850.D
 Acq On : 26 Dec 2023 14:04
 Operator : SY/MD
 Sample : 06018-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Dec 27 01:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

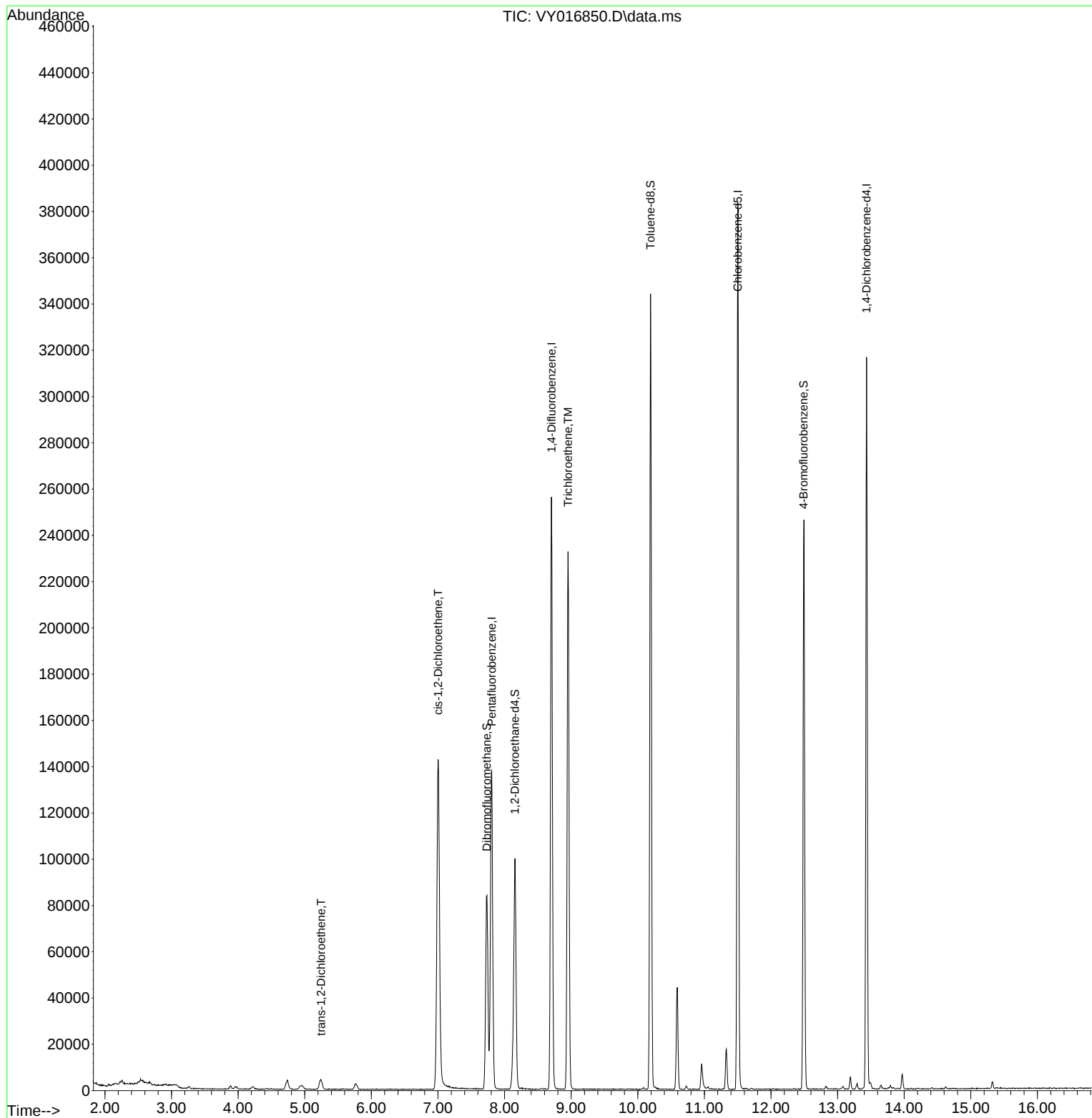
Internal Standards						
1) Pentafluorobenzene	7.807	168	106671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	215402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	203101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70964	72.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.740%
35) Dibromofluoromethane	7.734	113	62357	50.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.191	98	219686	49.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.489	95	69409	48.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.200%
Target Compounds						Qvalue
21) trans-1,2-Dichloroethene	5.247	96	2934	2.555	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	82281	62.248	ug/l	93
44) Trichloroethene	8.954	130	81478	55.457	ug/l	100

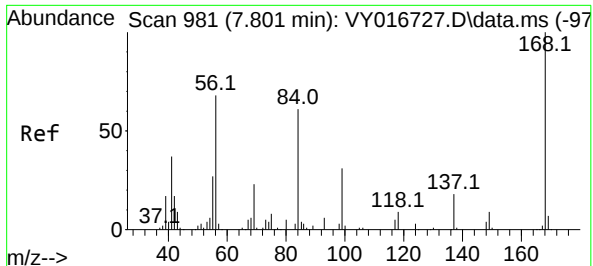
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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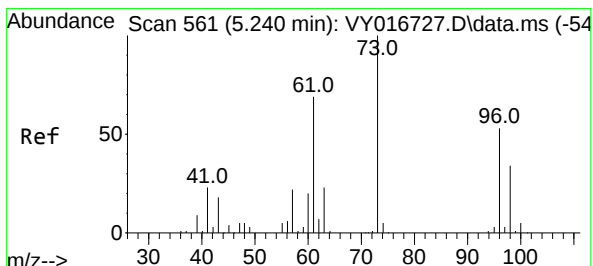
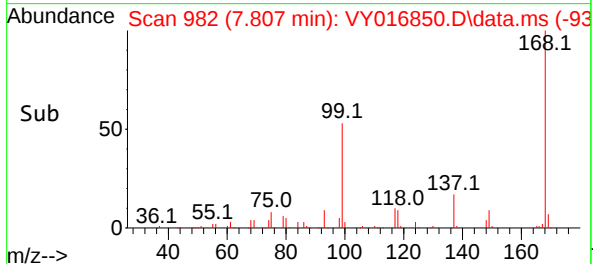
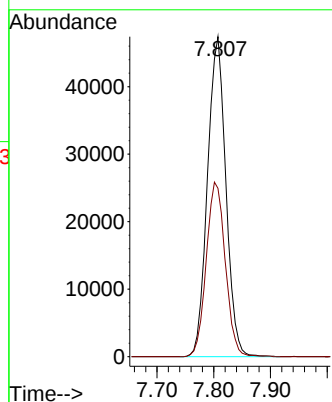
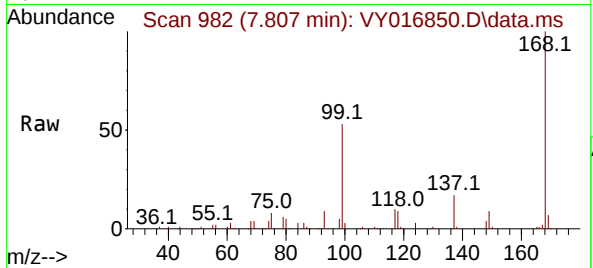




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

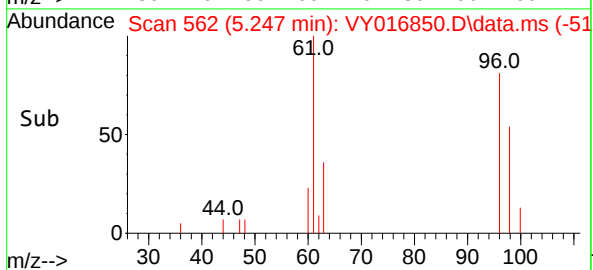
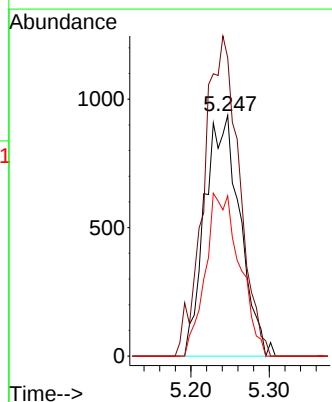
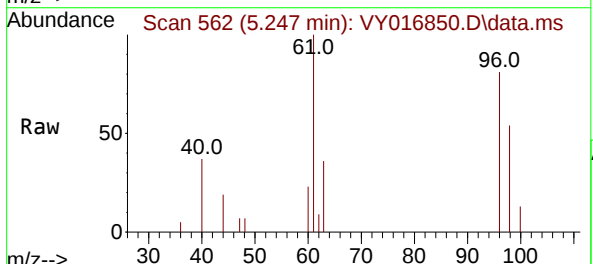
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

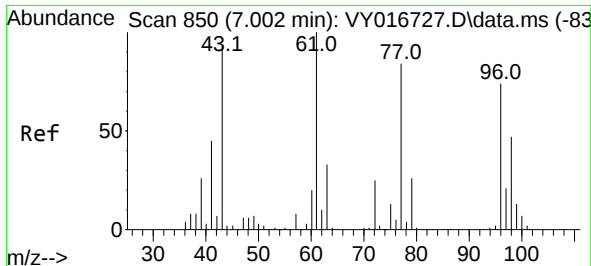
Tgt Ion:168 Resp: 106671
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#21
trans-1,2-Dichloroethene
Concen: 2.555 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.006 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

Tgt Ion: 96 Resp: 2934
Ion Ratio Lower Upper
96 100
61 123.9 104.6 156.8
98 66.6 50.9 76.3





#27

cis-1,2-Dichloroethene

Concen: 62.248 ug/l

RT: 7.003 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY016850.D

Acq: 26 Dec 2023 14:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

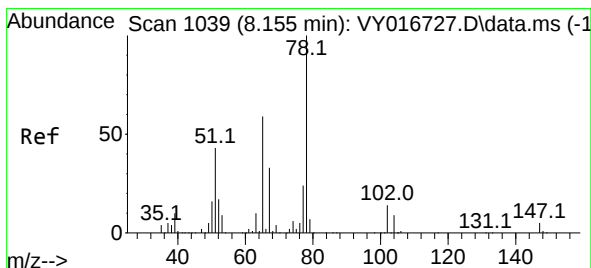
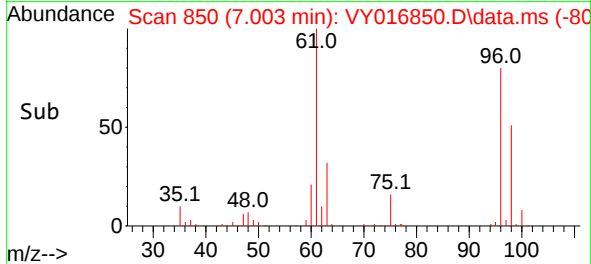
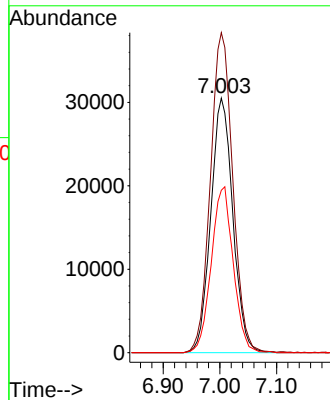
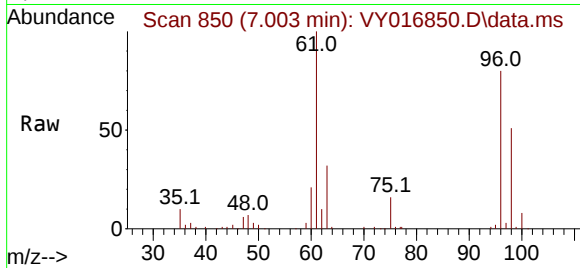
Tgt Ion: 96 Resp: 82281

Ion Ratio Lower Upper

96 100

61 127.6 0.0 278.8

98 65.1 0.0 127.0



#33

1,2-Dichloroethane-d4

Concen: 72.874 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016850.D

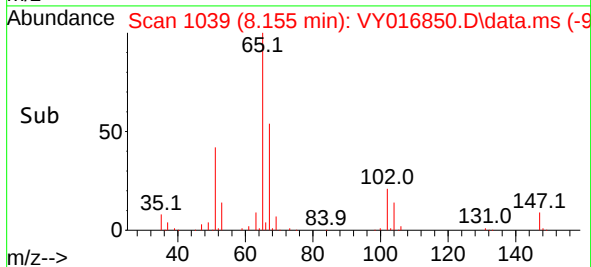
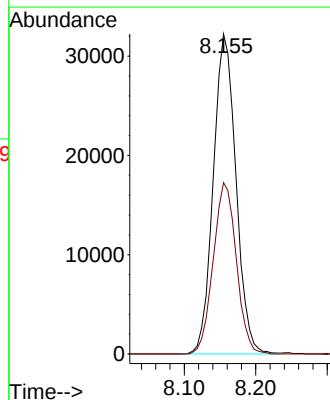
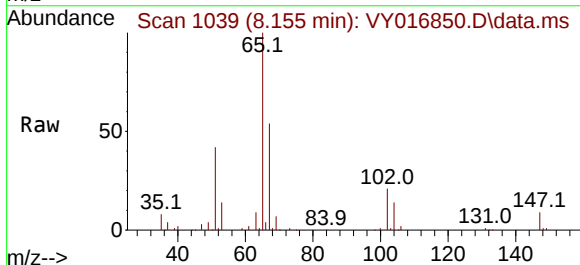
Acq: 26 Dec 2023 14:04

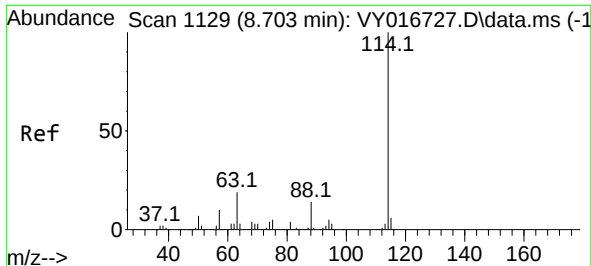
Tgt Ion: 65 Resp: 70964

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY016850.D

Acq: 26 Dec 2023 14:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

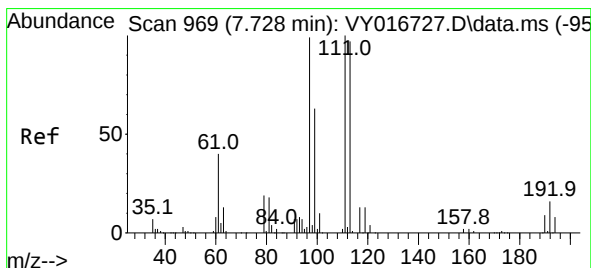
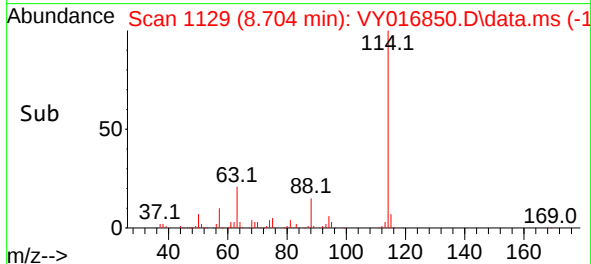
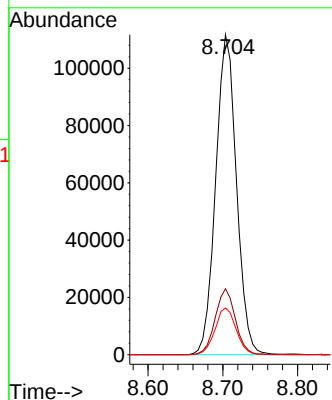
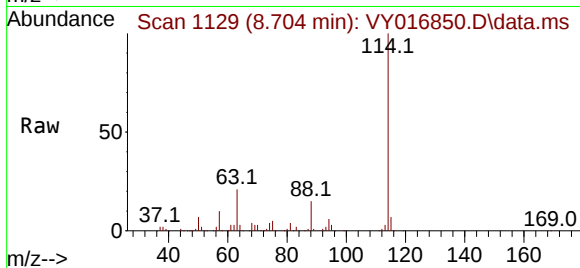
Tgt Ion:114 Resp: 215402

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.537 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016850.D

Acq: 26 Dec 2023 14:04

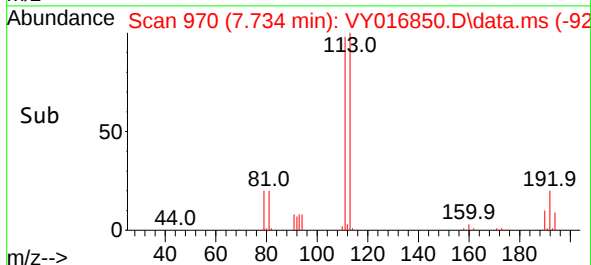
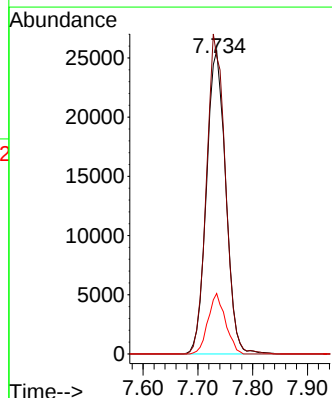
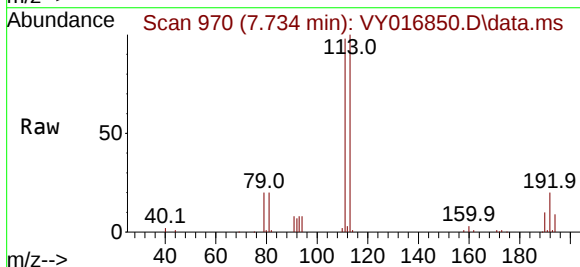
Tgt Ion:113 Resp: 62357

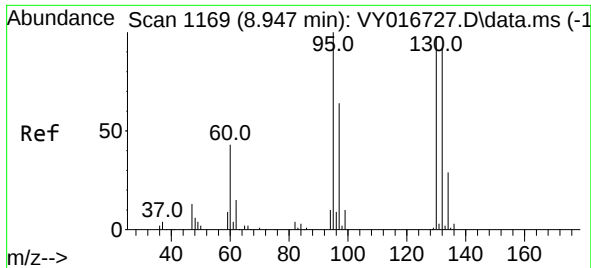
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.0 14.5 21.7

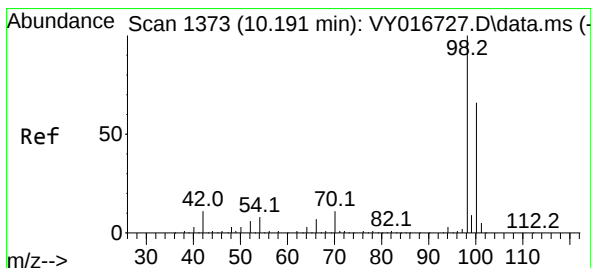
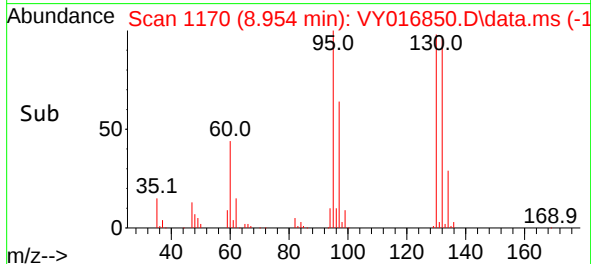
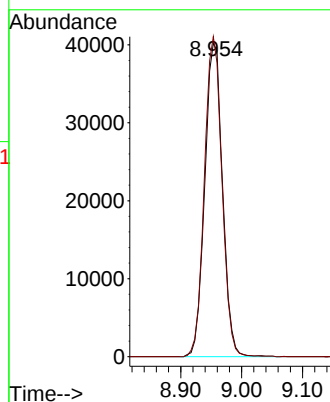
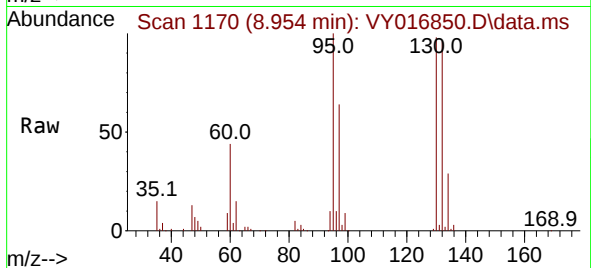




#44
Trichloroethene
Concen: 55.457 ug/l
RT: 8.954 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

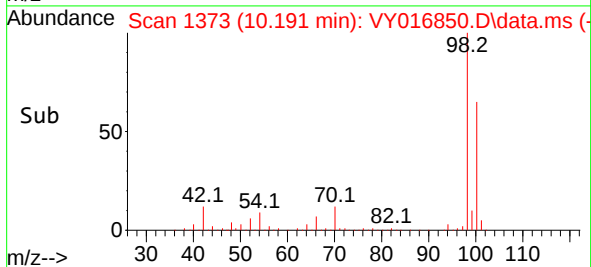
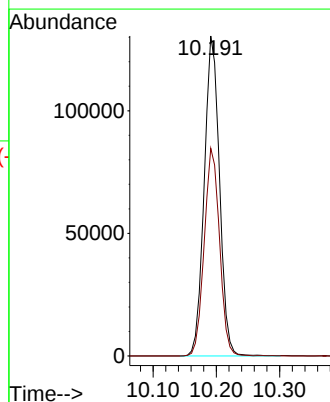
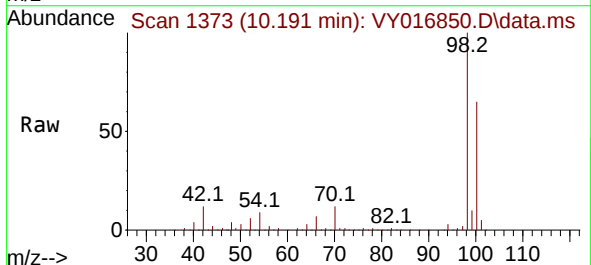
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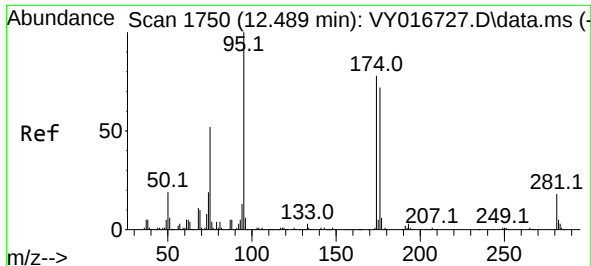
Tgt Ion:130 Resp: 81478
Ion Ratio Lower Upper
130 100
95 102.1 0.0 203.8



#50
Toluene-d8
Concen: 49.390 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

Tgt Ion: 98 Resp: 219686
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

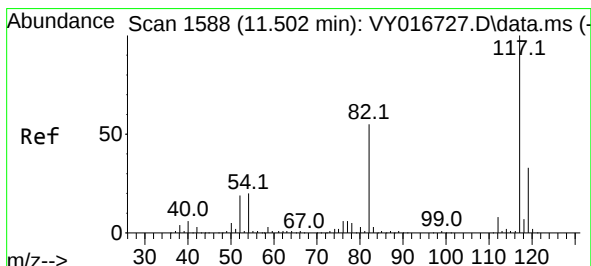
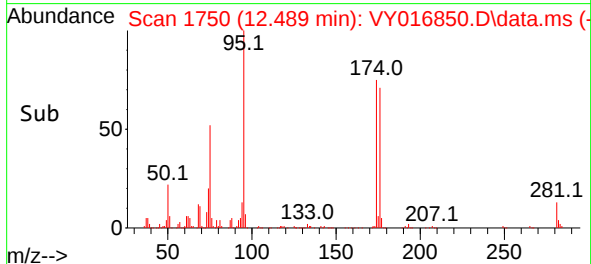
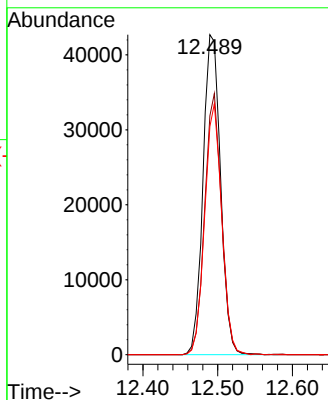
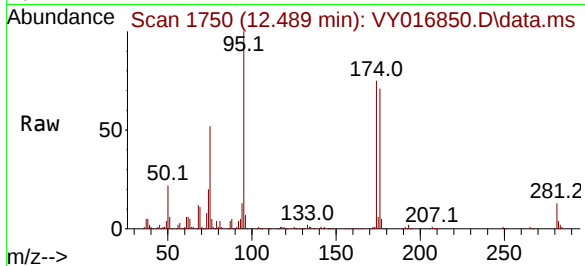




#62
4-Bromofluorobenzene
Concen: 48.098 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

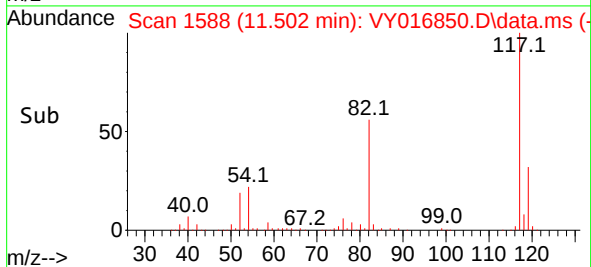
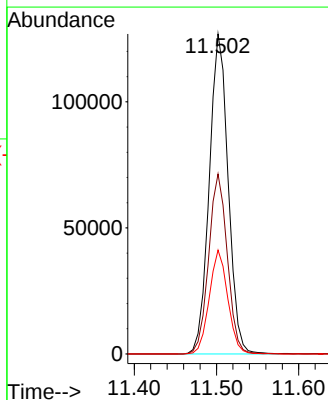
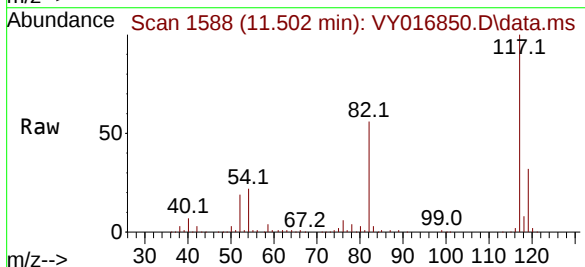
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

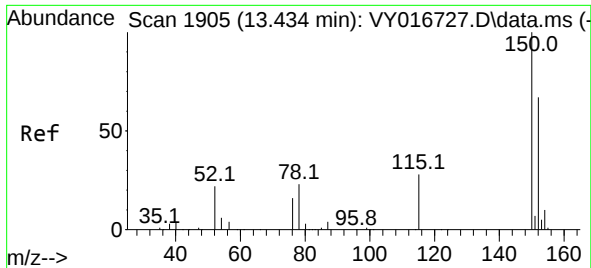
Tgt Ion: 95 Resp: 69409
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 76.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016850.D
Acq: 26 Dec 2023 14:04

Tgt Ion: 117 Resp: 203101
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016850.D

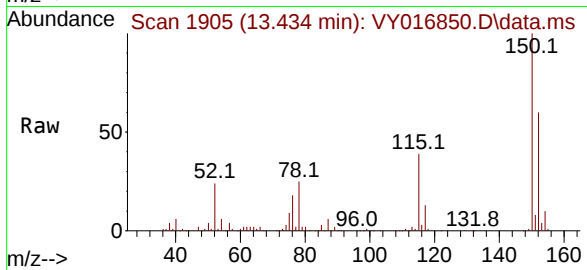
Acq: 26 Dec 2023 14:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:152 Resp: 75884

Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 159.1 0.0 344.6

