

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016208.D
 Acq On : 03 Nov 2023 12:26
 Operator : SY/MD
 Sample : 05206-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Nov 03 23:01:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

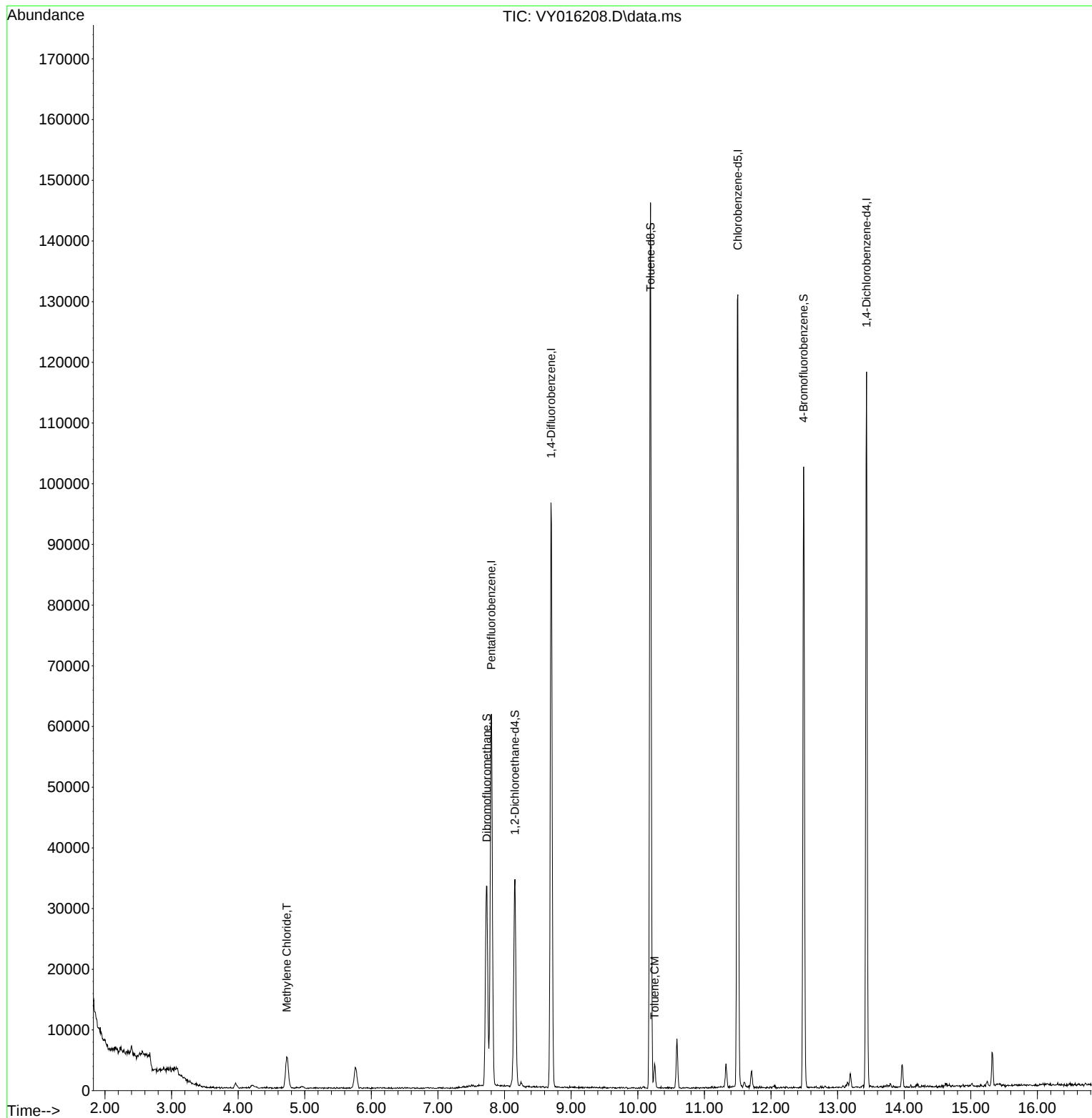
Internal Standards						
1) Pentafluorobenzene	7.801	168	49333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	84258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	73869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	30652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	26584	57.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.180%
35) Dibromofluoromethane	7.734	113	24331	48.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.191	98	94468	47.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.489	95	29525	43.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	4298	6.505	ug/l #	84
52) Toluene	10.252	92	1793	1.329	ug/l	93

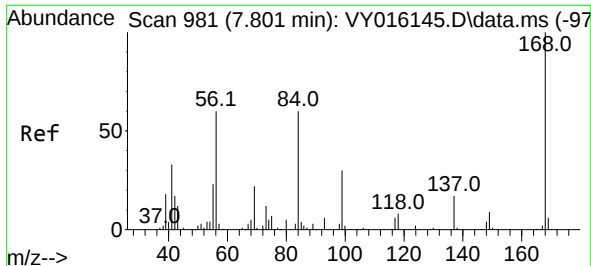
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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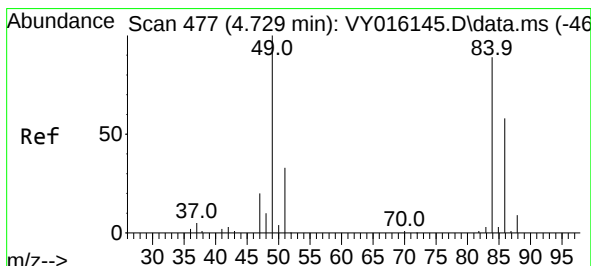
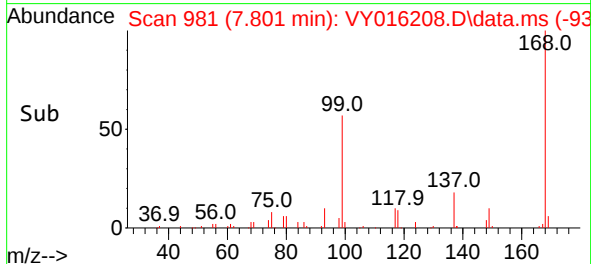
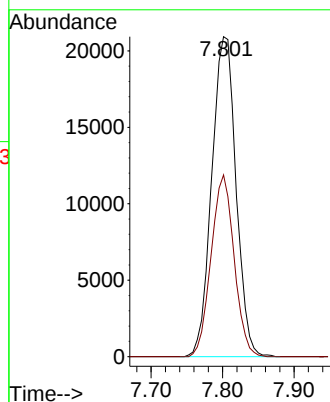
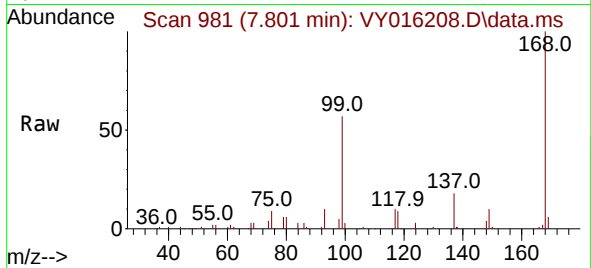




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

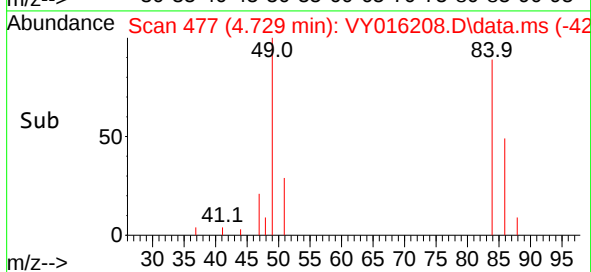
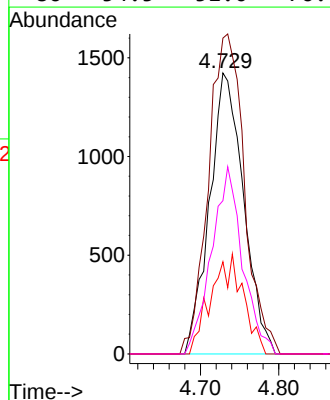
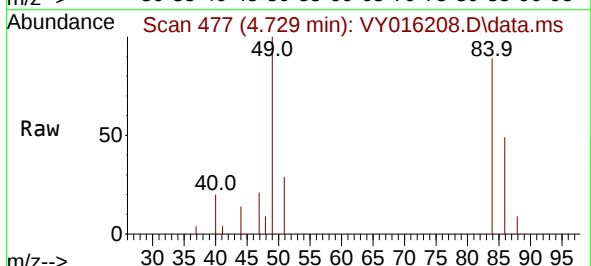
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

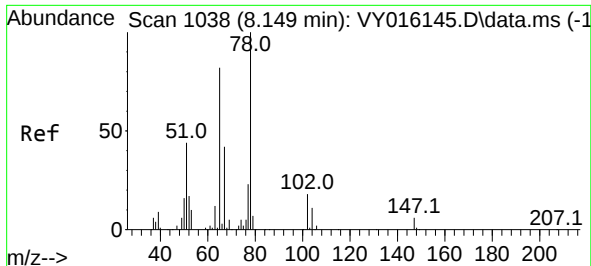
Tgt Ion:168 Resp: 49333
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#20
Methylene Chloride
Concen: 6.505 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 84 Resp: 4298
Ion Ratio Lower Upper
84 100
49 112.4 106.9 160.3
51 32.8 33.2 49.8#
86 54.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.588 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

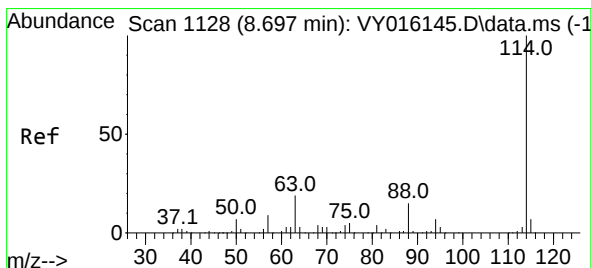
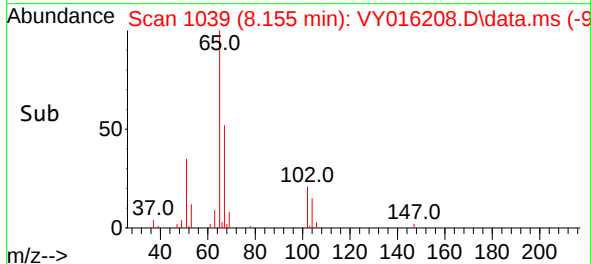
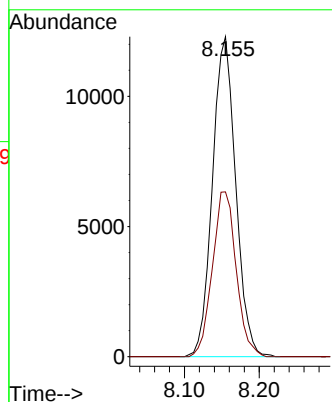
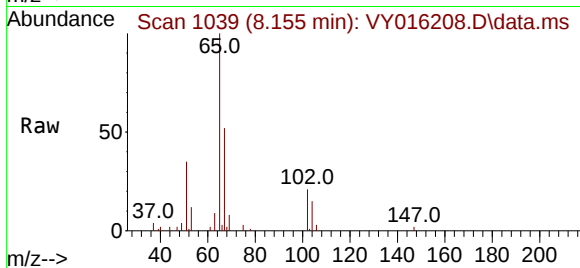
VOCRE

Tgt Ion: 65 Resp: 26584

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

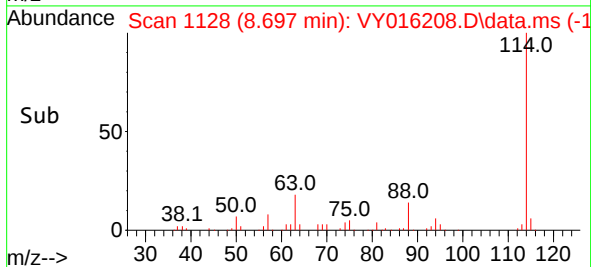
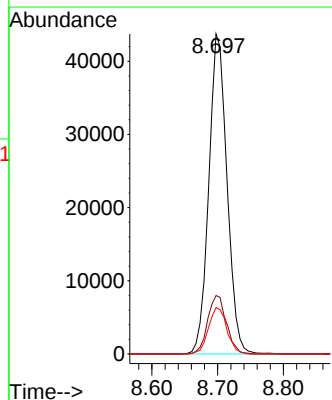
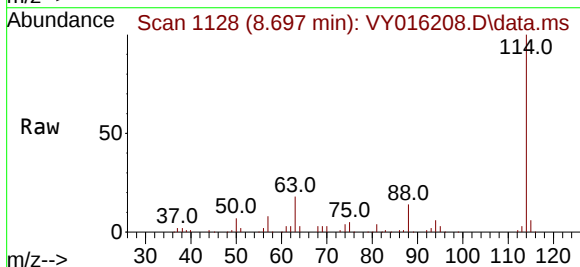
Tgt Ion: 114 Resp: 84258

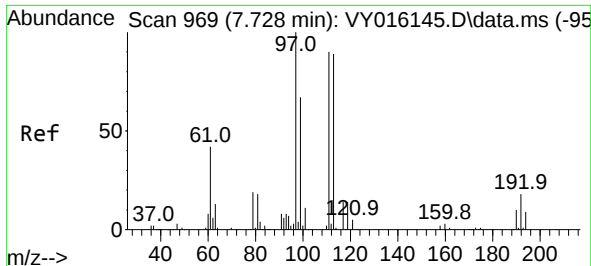
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.5 0.0 30.6

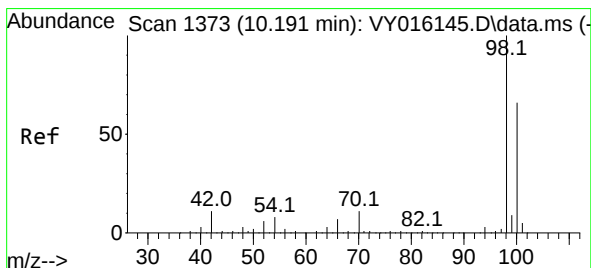
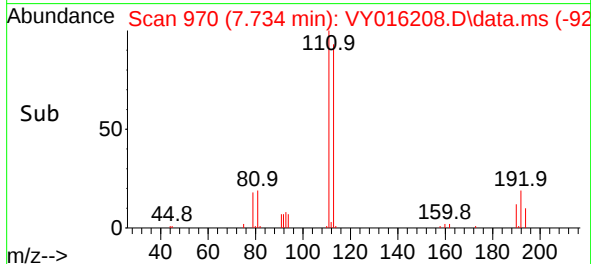
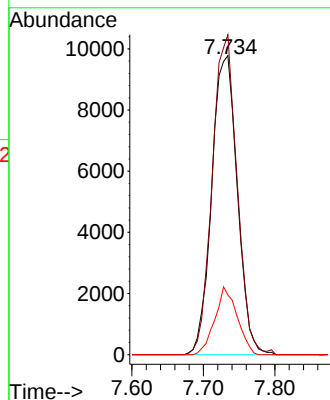
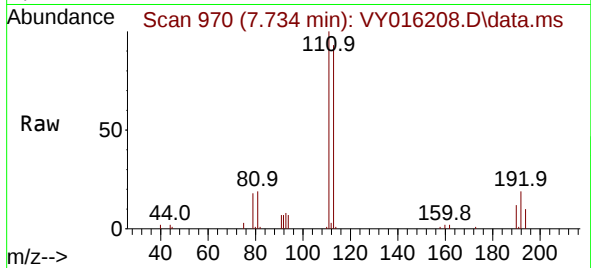




#35
Dibromofluoromethane
Concen: 48.437 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

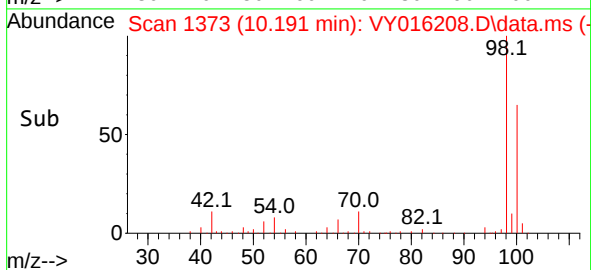
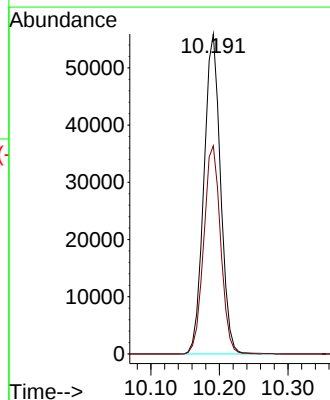
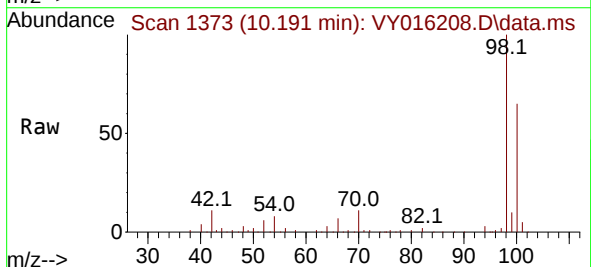
Instrument :
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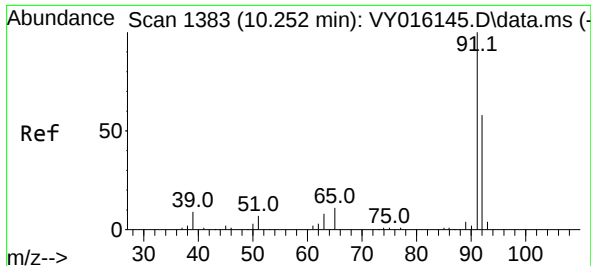
Tgt Ion:113 Resp: 24331
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 47.433 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 98 Resp: 94468
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

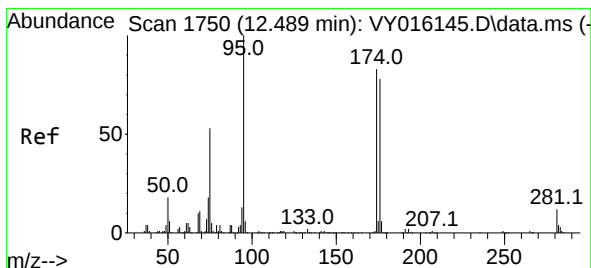
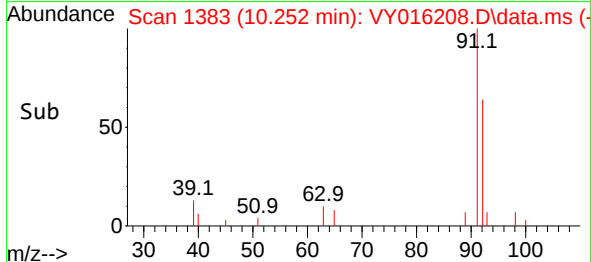
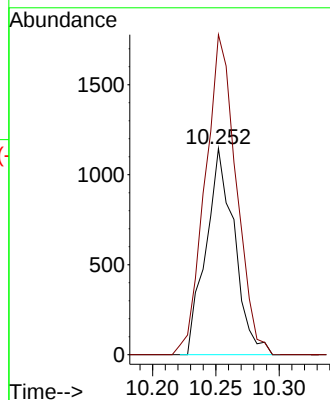
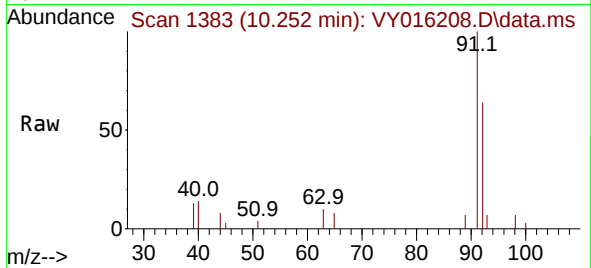




#52
Toluene
Concen: 1.329 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

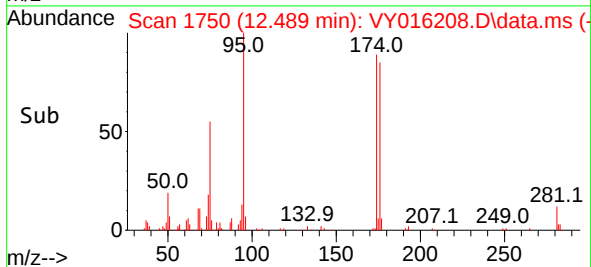
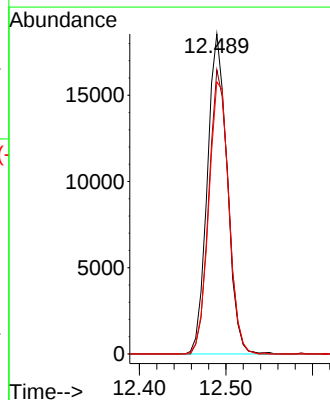
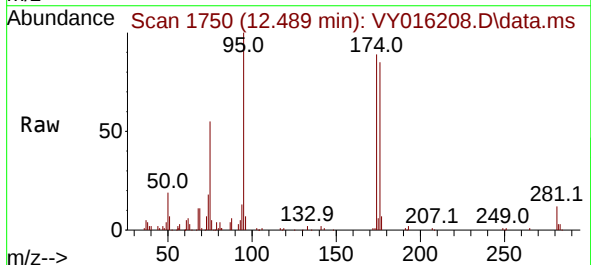
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

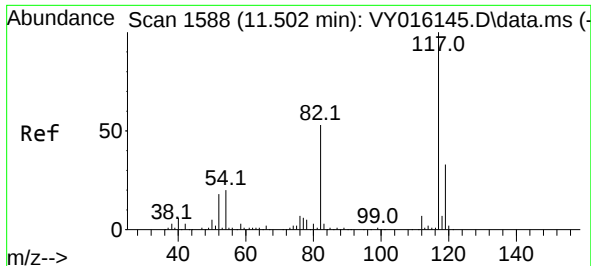
Tgt Ion: 92 Resp: 1793
Ion Ratio Lower Upper
92 100
91 169.9 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 43.354 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016208.D
Acq: 03 Nov 2023 12:26

Tgt Ion: 95 Resp: 29525
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 86.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016208.D

Acq: 03 Nov 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

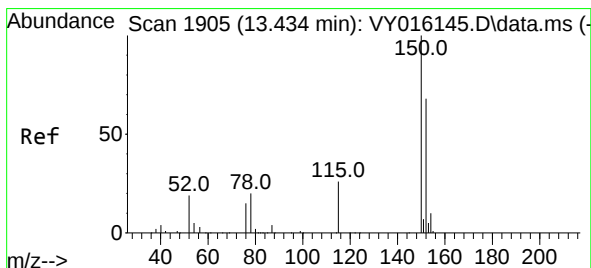
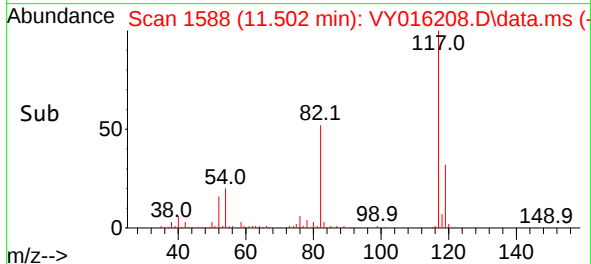
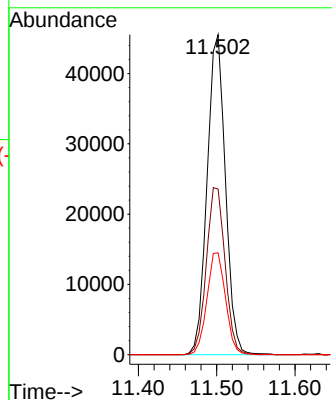
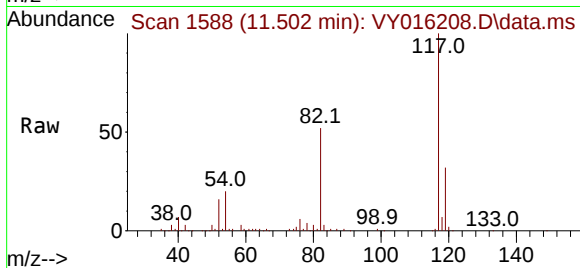
Tgt Ion:117 Resp: 73869

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.8 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: VY016208.D

Acq: 03 Nov 2023 12:26

Tgt Ion:152 Resp: 30652

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.2 0.0 348.8

