

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016189.D
 Acq On : 02 Nov 2023 14:48
 Operator : SY/MD
 Sample : 05214-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-221

Quant Time: Nov 03 01:41:04 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)

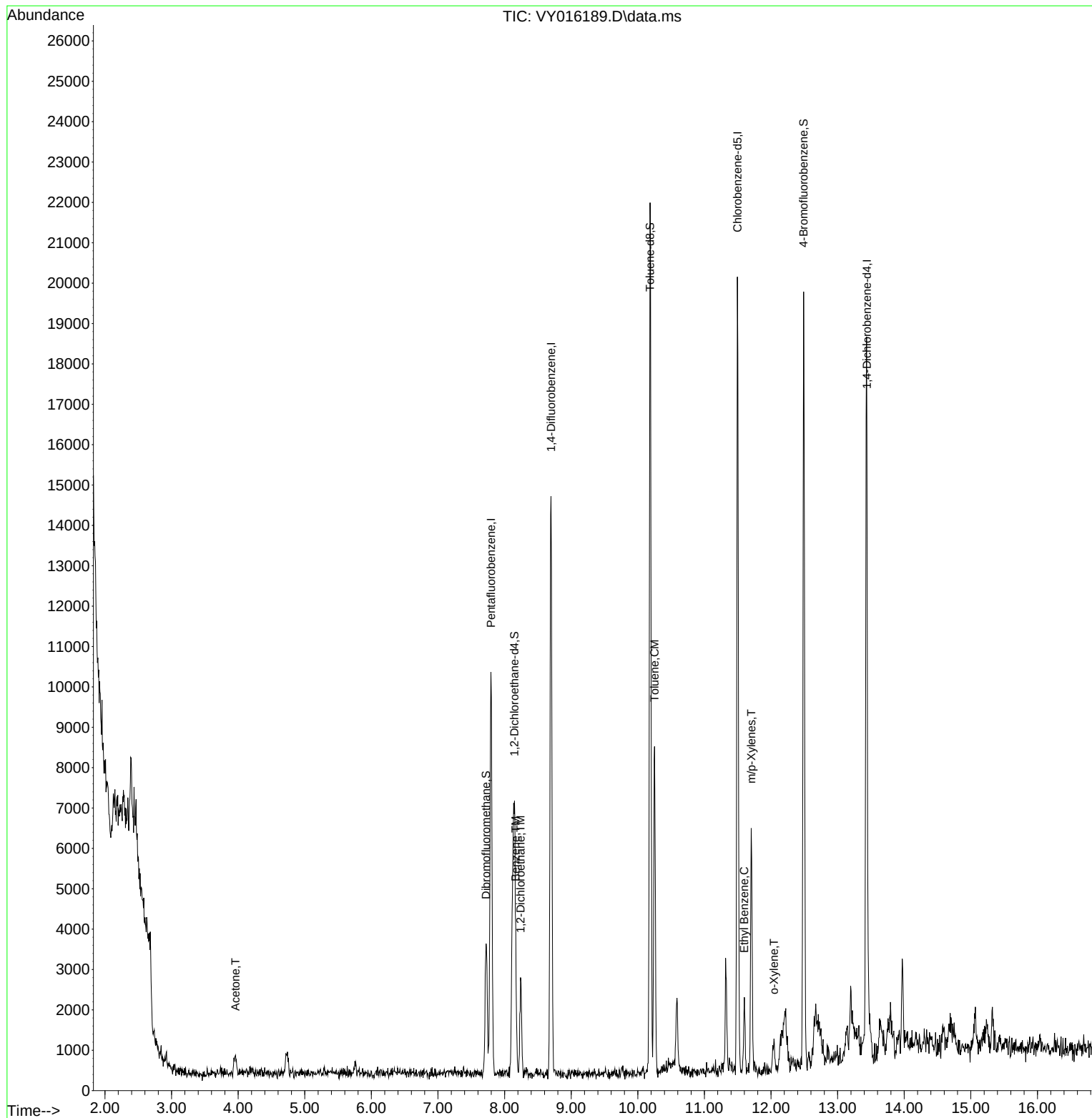
Internal Standards						
1) Pentafluorobenzene	7.795	168	8108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	10750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	4553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	3823	50.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.722	113	2635	33.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.420%	
50) Toluene-d8	10.185	98	14647	47.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.489	95	4879	46.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	975	66.500	ug/l	99
40) Benzene	8.167	78	1364	4.210	ug/l #	80
42) 1,2-Dichloroethane	8.240	62	2044	22.606	ug/l	99
52) Toluene	10.252	92	3464	16.499	ug/l	99
67) Ethyl Benzene	11.599	91	1439	3.767	ug/l	99
68) m/p-Xylenes	11.703	106	1691	11.456	ug/l	99
69) o-Xylene	12.044	106	216	1.533	ug/l	67

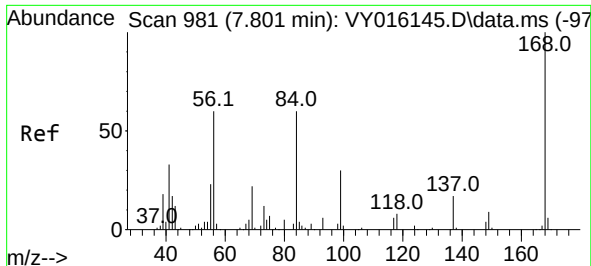
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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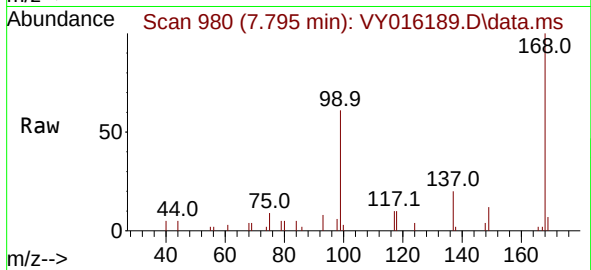
Quant Time: Nov 03 01:41:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



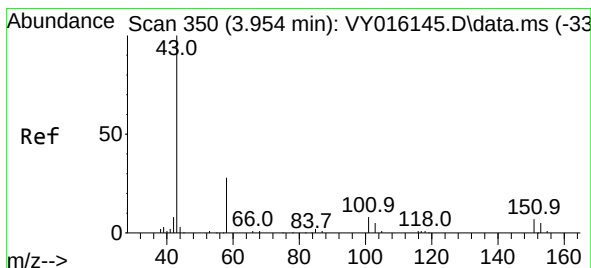
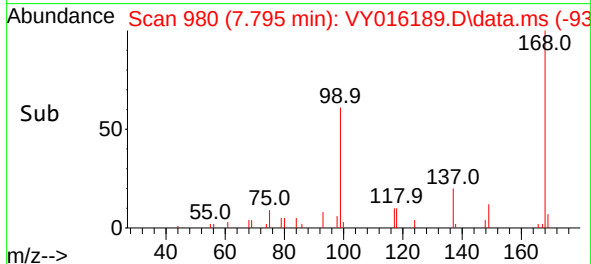
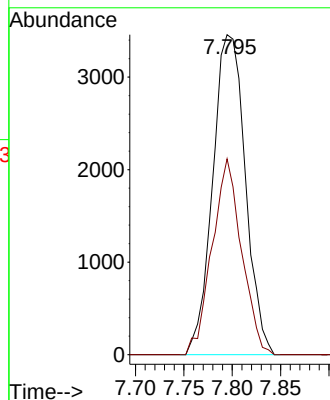


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-221

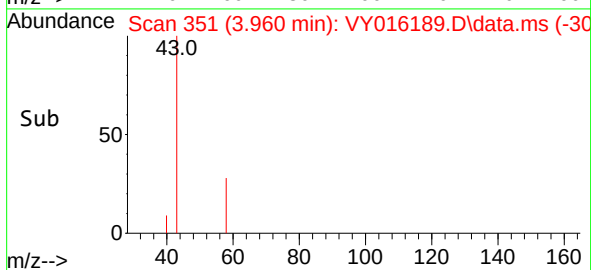
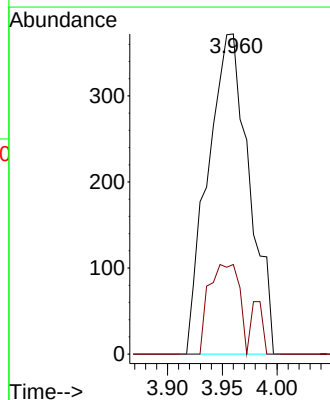
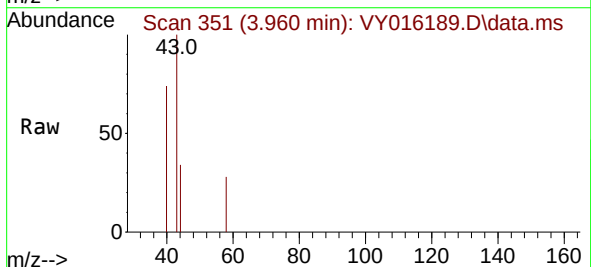


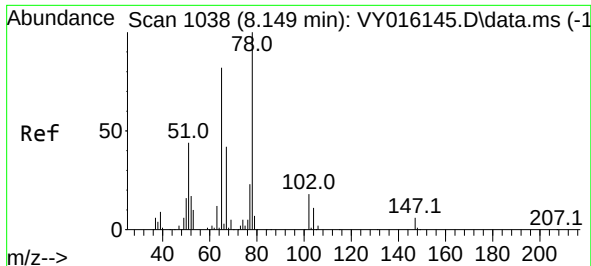
Tgt Ion:168 Resp: 8108
Ion Ratio Lower Upper
168 100
99 61.2 43.4 65.0



#16
Acetone
Concen: 66.500 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 50.389 ug/l

RT: 8.148 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016189.D

Acq: 02 Nov 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

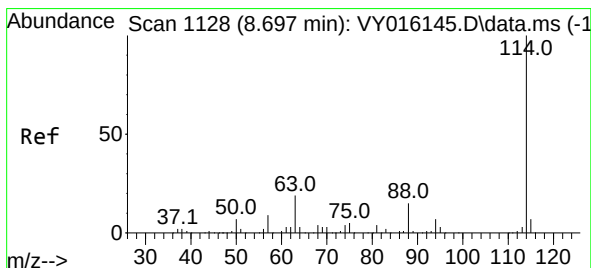
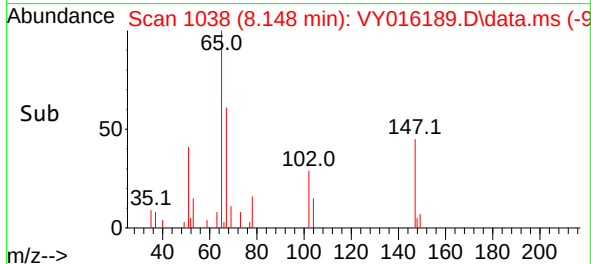
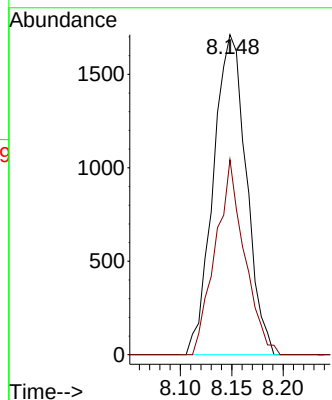
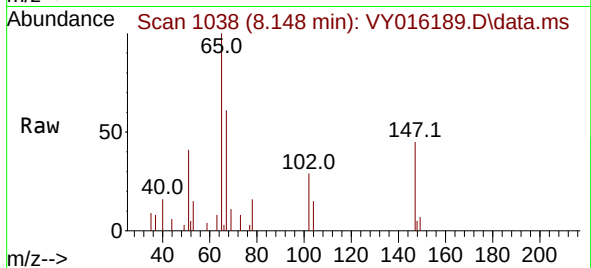
VNJ-221

Tgt Ion: 65 Resp: 3823

Ion Ratio Lower Upper

65 100

67 53.7 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: VY016189.D

Acq: 02 Nov 2023 14:48

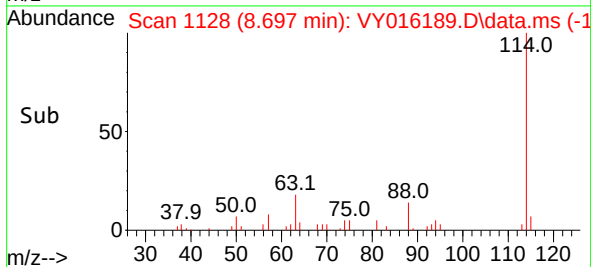
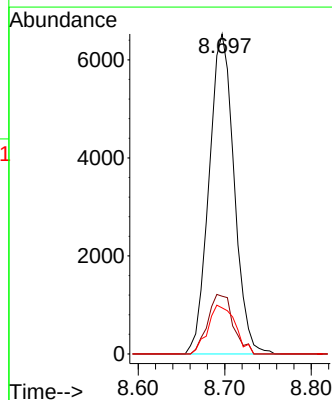
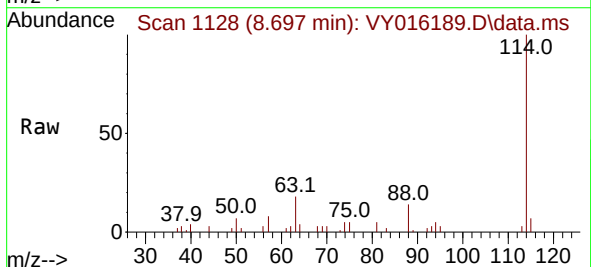
Tgt Ion: 114 Resp: 13110

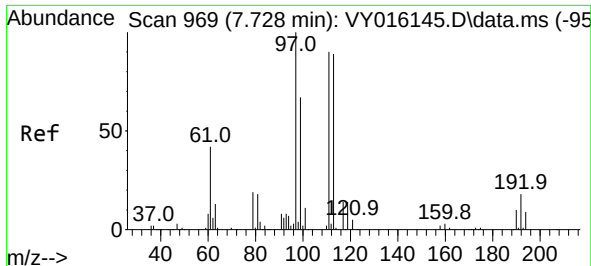
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.4 0.0 30.6

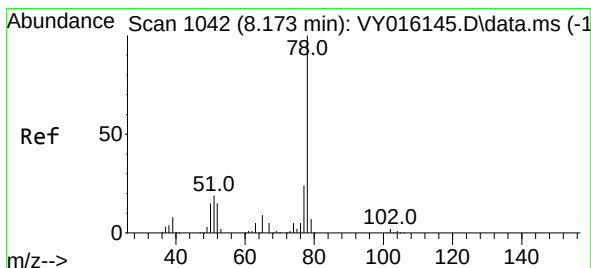
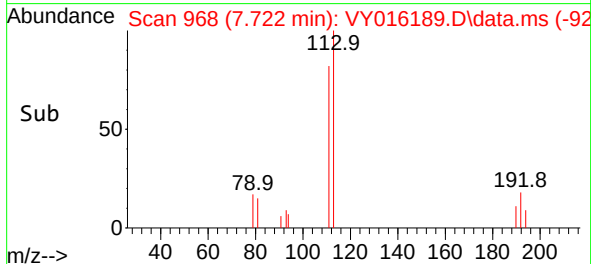
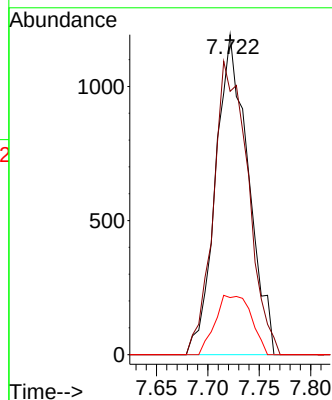
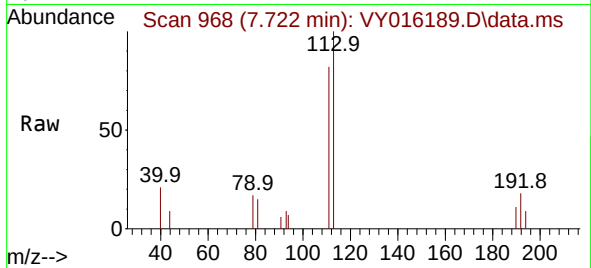




#35
Dibromofluoromethane
Concen: 33.714 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

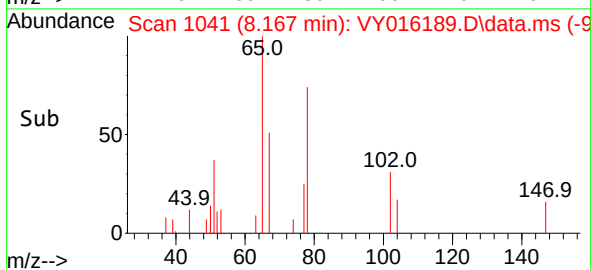
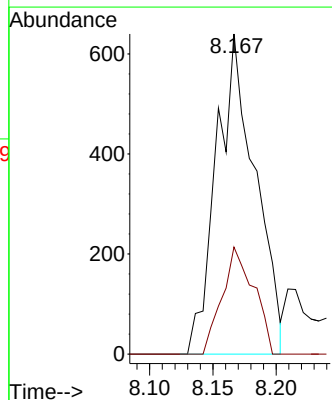
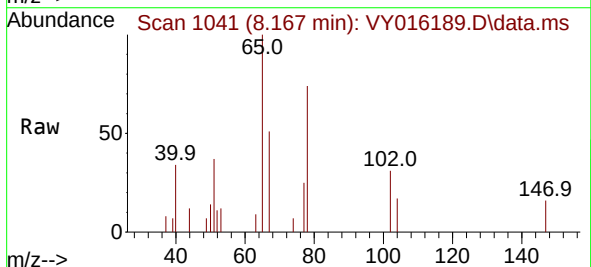
Instrument :
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ClientSampleId :
VNJ-221

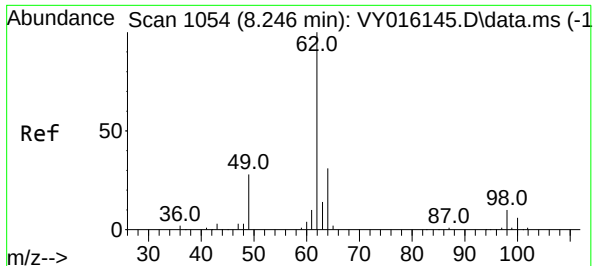
Tgt Ion:113 Resp: 2635
Ion Ratio Lower Upper
113 100
111 97.0 81.3 121.9
192 20.3 16.9 25.3



#40
Benzene
Concen: 4.210 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

Tgt Ion: 78 Resp: 1364
Ion Ratio Lower Upper
78 100
77 33.4 19.0 28.6#





#42

1,2-Dichloroethane

Concen: 22.606 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VY016189.D

Acq: 02 Nov 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

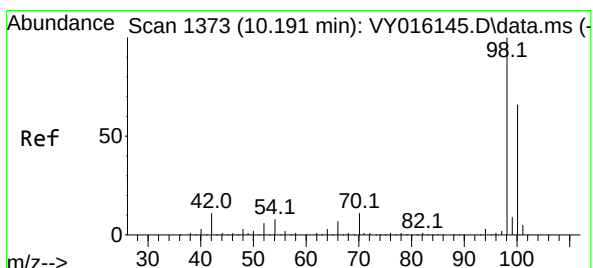
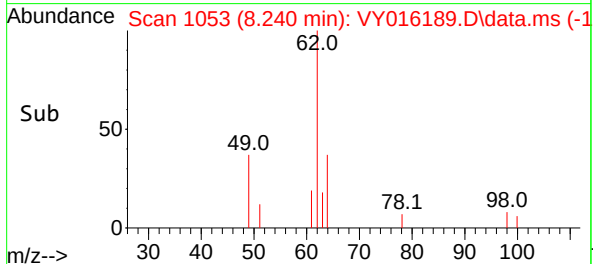
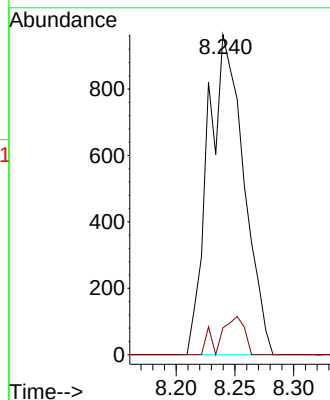
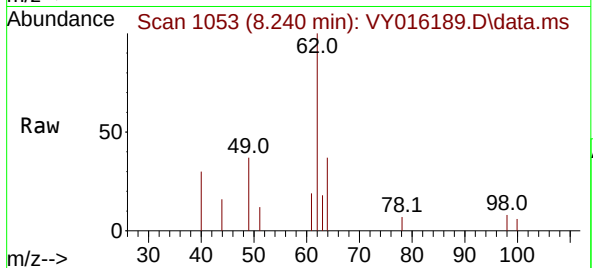
VNJ-221

Tgt Ion: 62 Resp: 2044

Ion Ratio Lower Upper

62 100

98 8.2 0.0 15.8



#50

Toluene-d8

Concen: 47.267 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016189.D

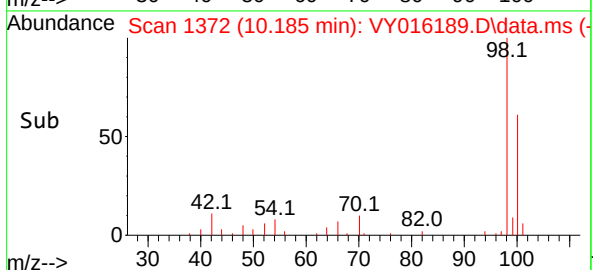
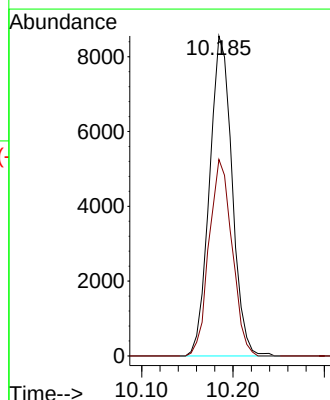
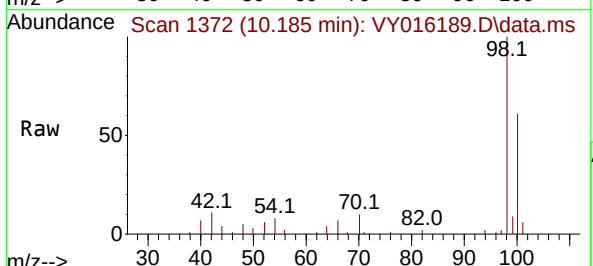
Acq: 02 Nov 2023 14:48

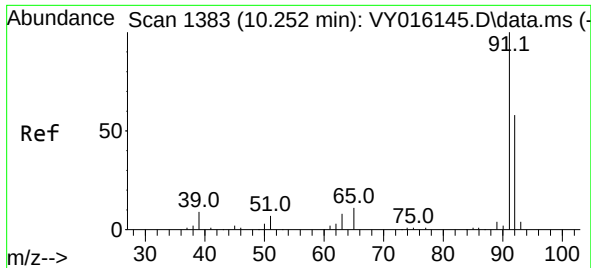
Tgt Ion: 98 Resp: 14647

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1

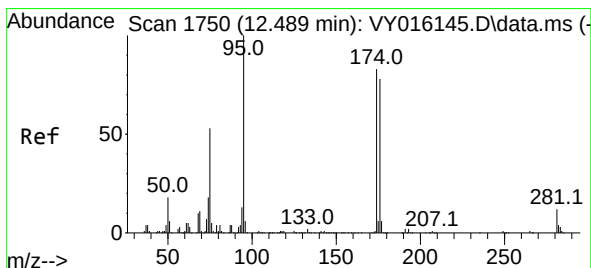
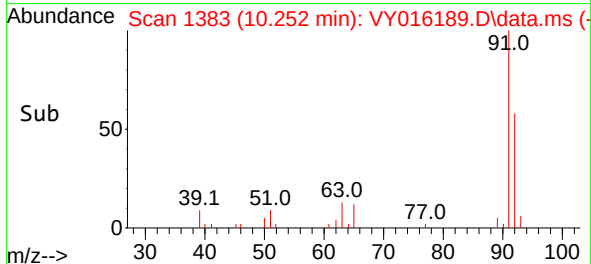
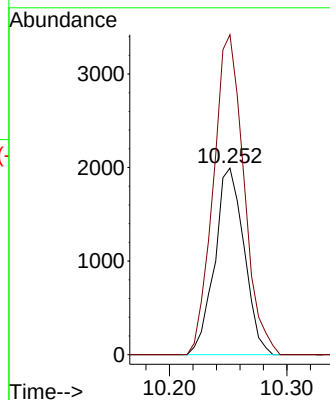
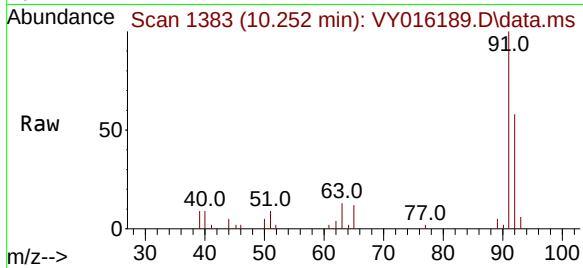




#52
Toluene
Concen: 16.499 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

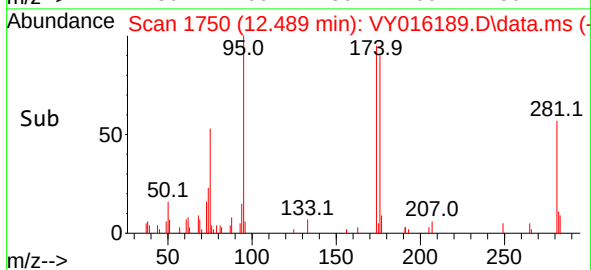
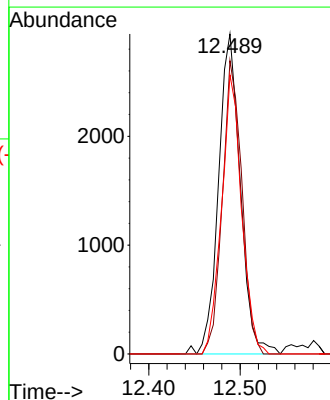
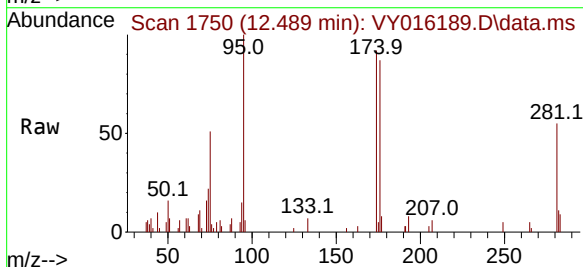
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VNJ-221

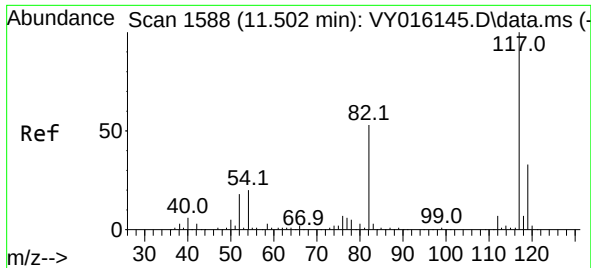
Tgt Ion: 92 Resp: 3464
Ion Ratio Lower Upper
92 100
91 178.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 46.044 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

Tgt Ion: 95 Resp: 4879
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016189.D

Acq: 02 Nov 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-221

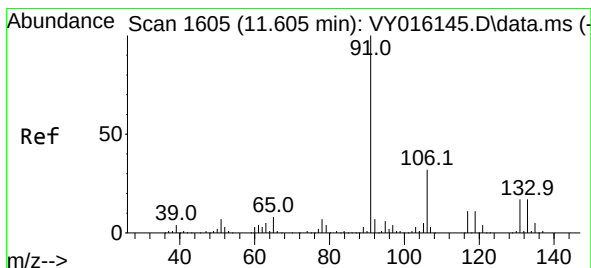
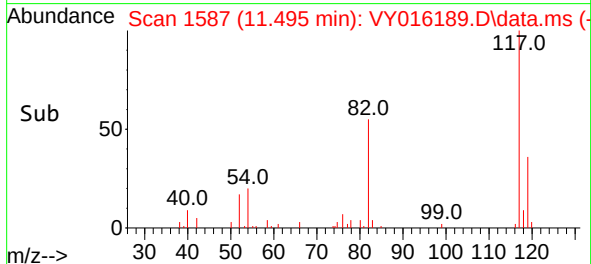
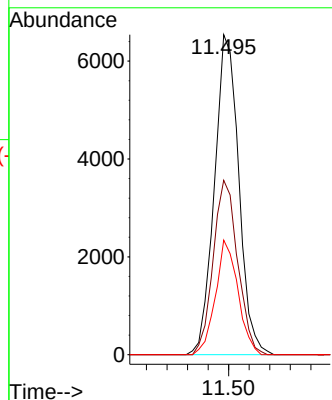
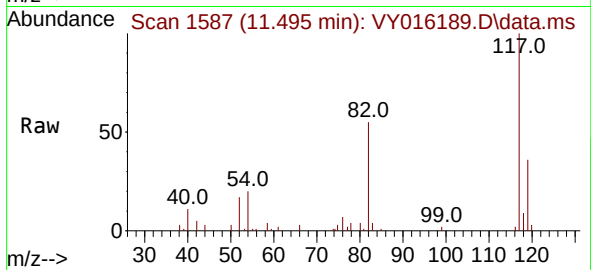
Tgt Ion:117 Resp: 10750

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 35.8 26.3 39.5



#67

Ethyl Benzene

Concen: 3.767 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016189.D

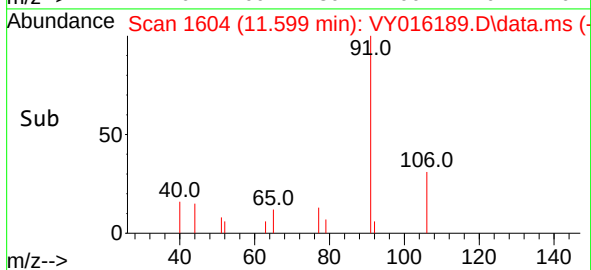
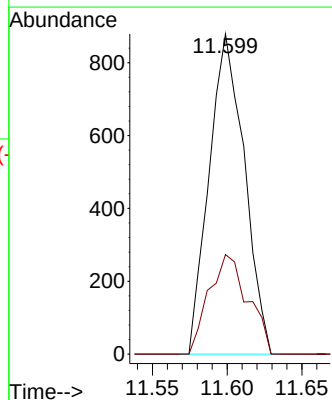
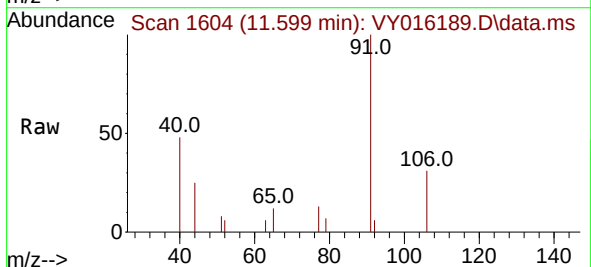
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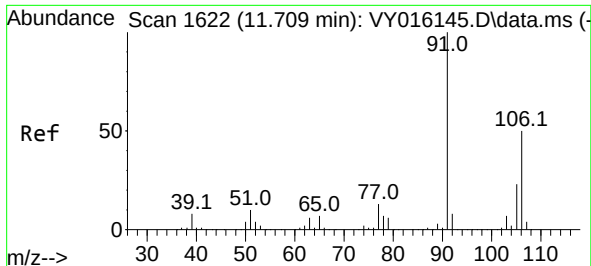
Tgt Ion: 91 Resp: 1439

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8

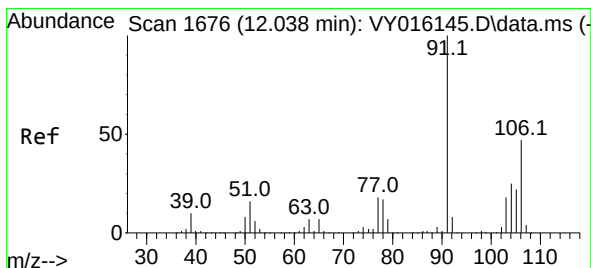
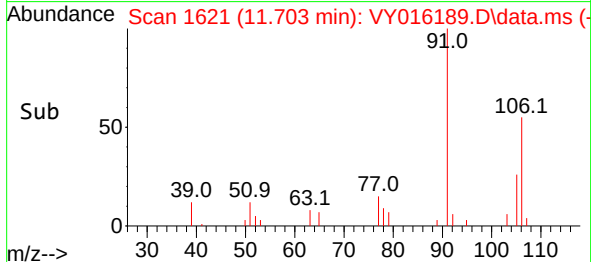
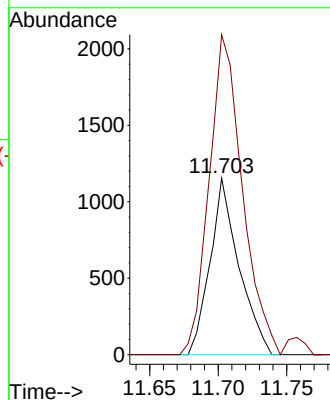
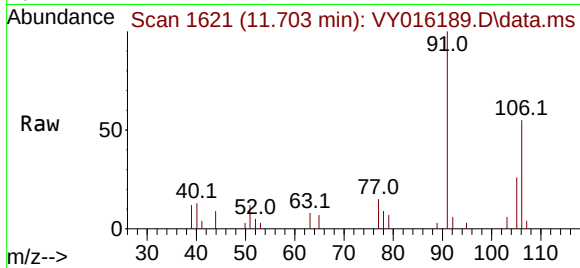




#68
m/p-Xylenes
Concen: 11.456 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

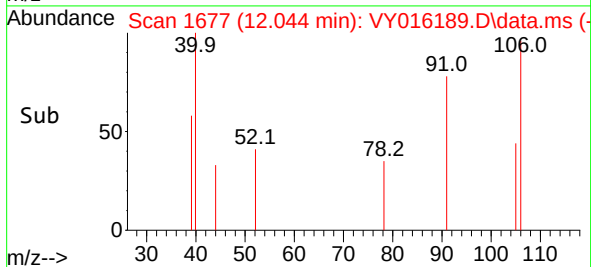
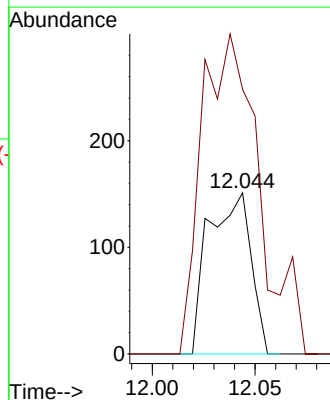
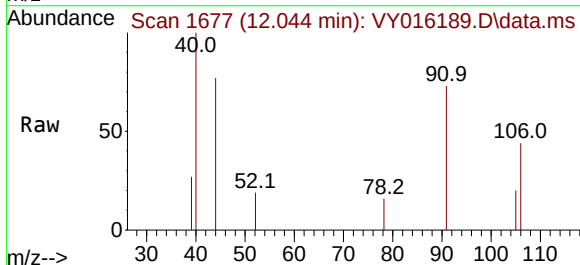
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VNJ-221

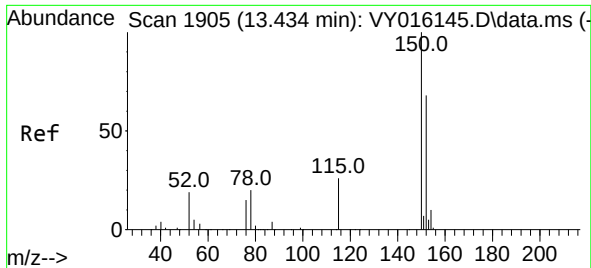
Tgt Ion:106 Resp: 1691
Ion Ratio Lower Upper
106 100
91 208.9 166.1 249.1



#69
o-Xylene
Concen: 1.533 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016189.D
Acq: 02 Nov 2023 14:48

Tgt Ion:106 Resp: 216
Ion Ratio Lower Upper
106 100
91 269.0 108.1 324.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016189.D

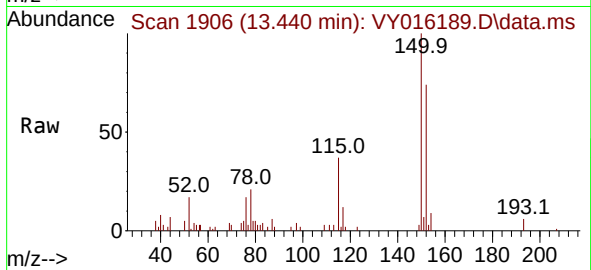
Acq: 02 Nov 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-221



Tgt Ion:152 Resp: 4553

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.7 0.0 348.8

