

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016207.D
 Acq On : 03 Nov 2023 12:02
 Operator : SY/MD
 Sample : 05214-03RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-221RE

Quant Time: Nov 03 23:00:55 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)

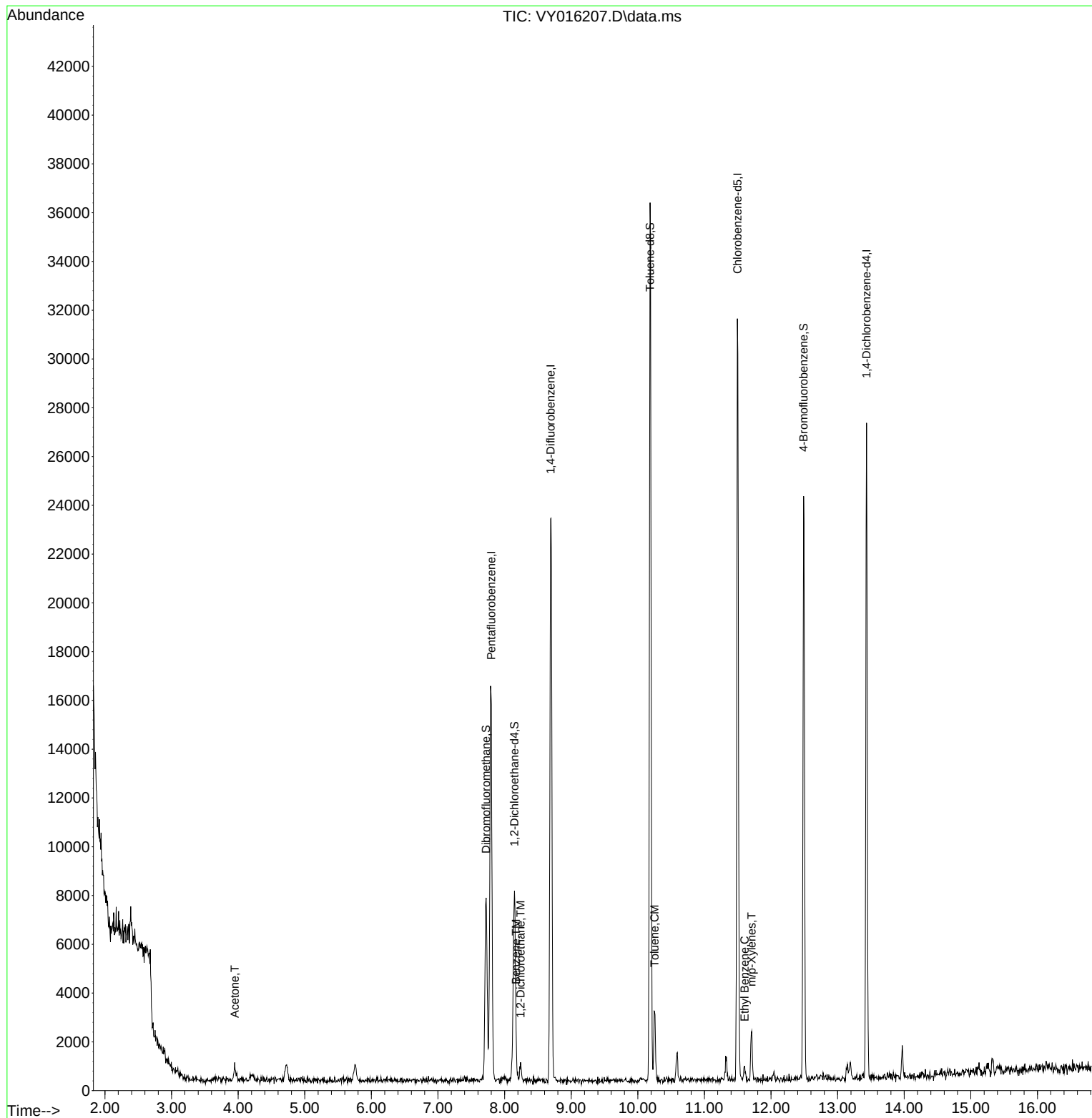
Internal Standards						
1) Pentafluorobenzene	7.801	168	13731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5986	46.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.180%
35) Dibromofluoromethane	7.722	113	5622	43.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.240%
50) Toluene-d8	10.185	98	24427	47.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.489	95	6869	38.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.720%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1015	32.920	ug/l #	76
40) Benzene	8.173	78	760	1.406	ug/l #	76
42) 1,2-Dichloroethane	8.240	62	634	4.203	ug/l #	78
52) Toluene	10.252	92	1469	4.194	ug/l	98
67) Ethyl Benzene	11.605	91	712	1.136	ug/l	95
68) m/p-Xylenes	11.709	106	759	3.135	ug/l	99

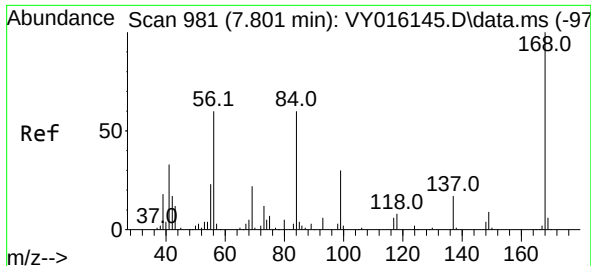
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016207.D
Acq On : 03 Nov 2023 12:02
Operator : SY/MD
Sample : 05214-03RE
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-221RE

Quant Time: Nov 03 23:00:55 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

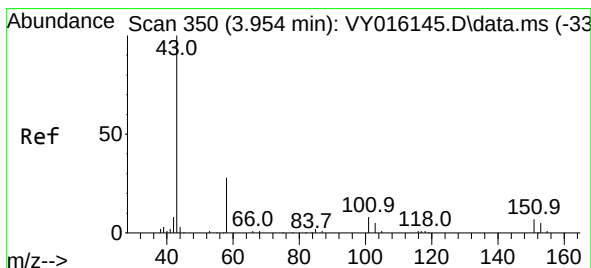
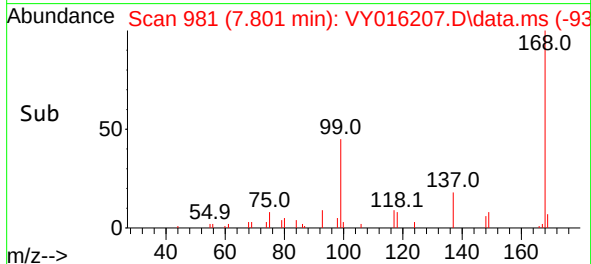
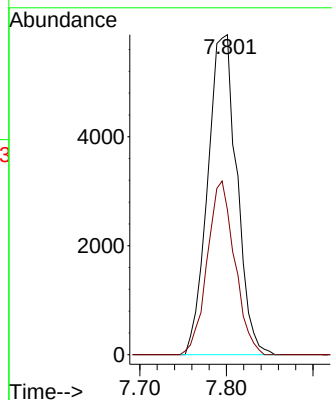
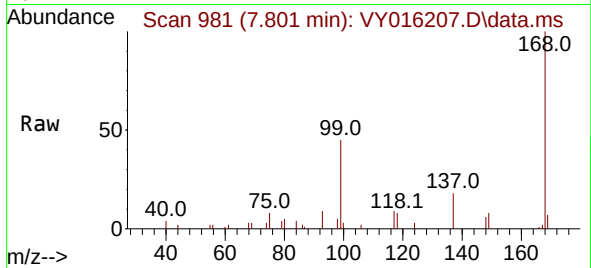




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

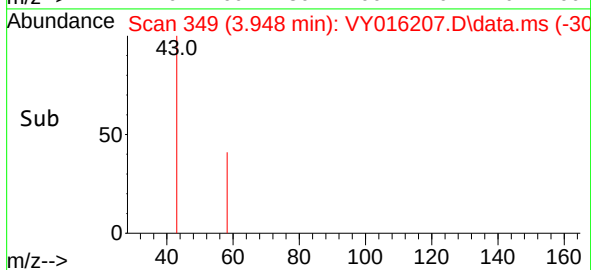
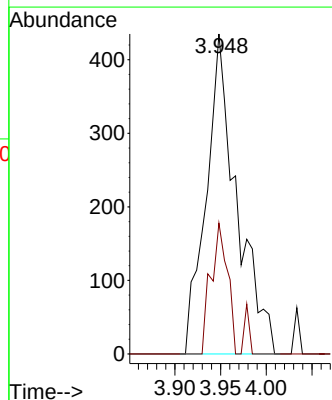
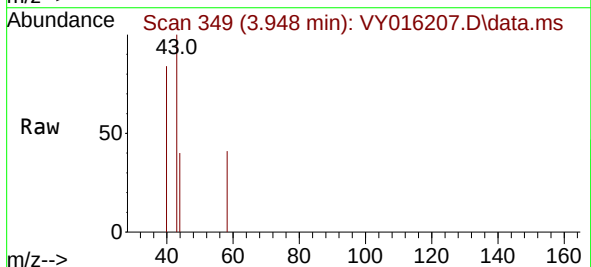
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-221RE

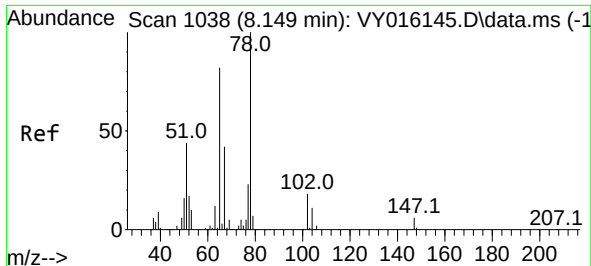
Tgt Ion:168 Resp: 13731
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#16
Acetone
Concen: 32.920 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 40.9 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 46.589 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

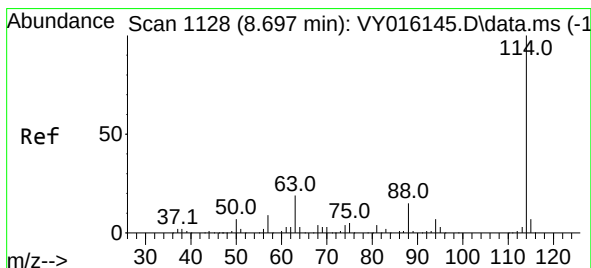
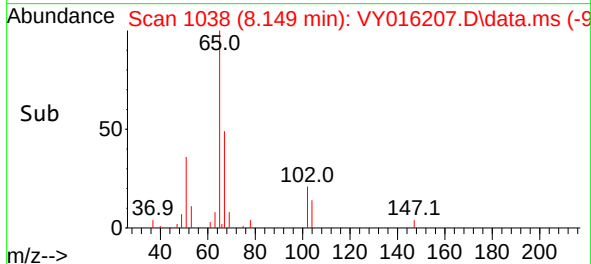
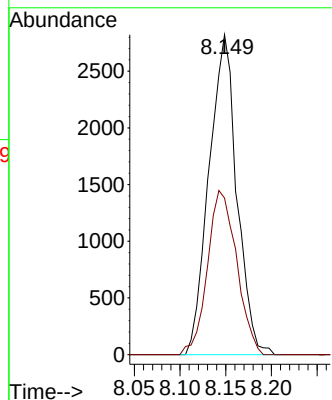
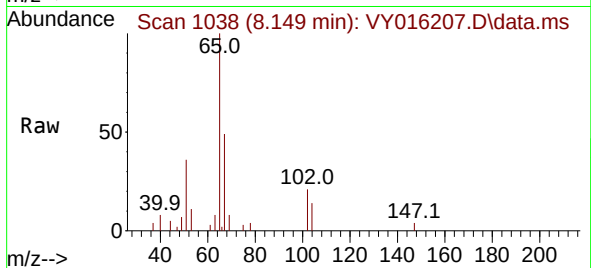
VNJ-221RE

Tgt Ion: 65 Resp: 5986

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

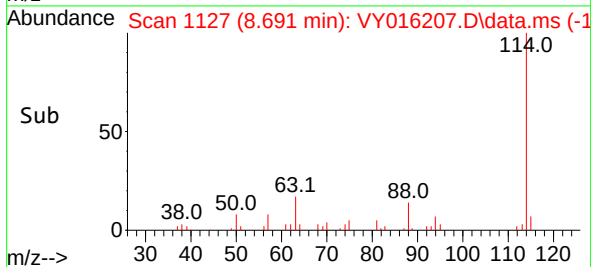
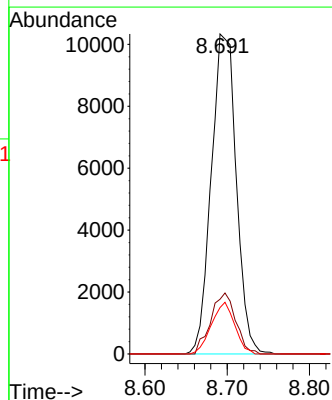
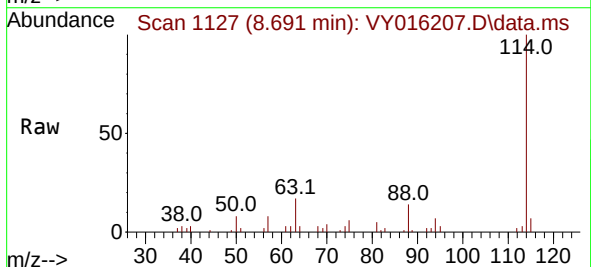
Tgt Ion: 114 Resp: 21869

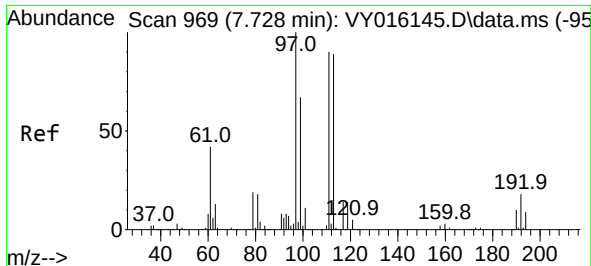
Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.5 0.0 30.6

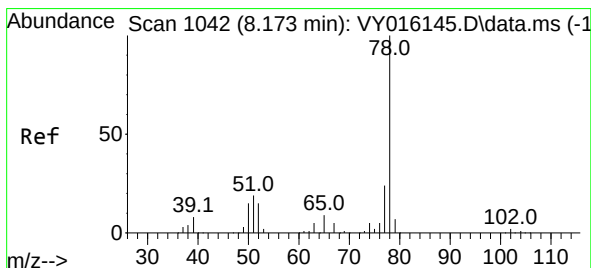
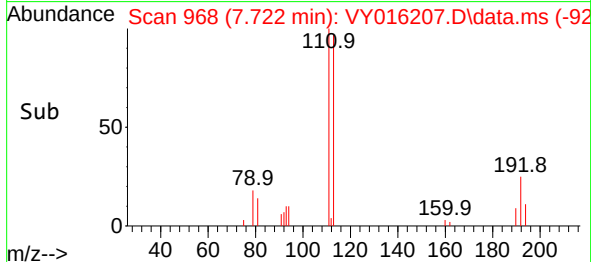
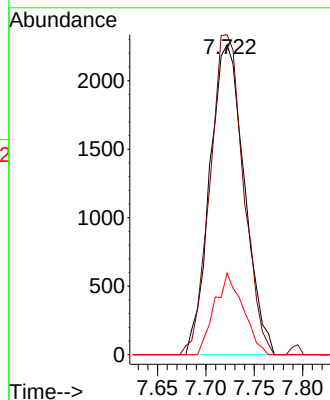
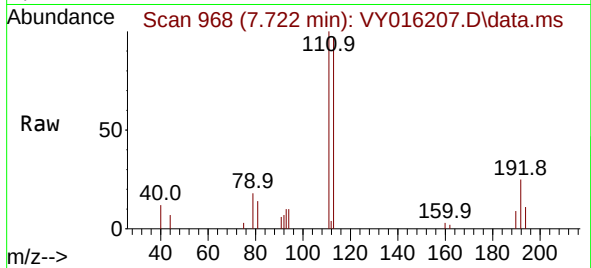




#35
Dibromofluoromethane
Concen: 43.121 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

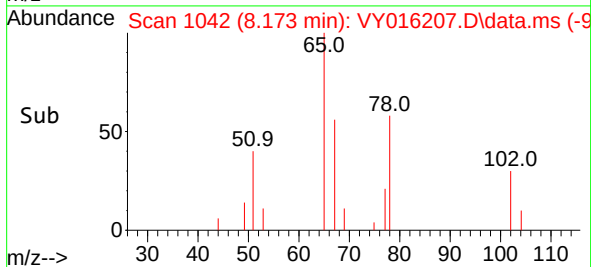
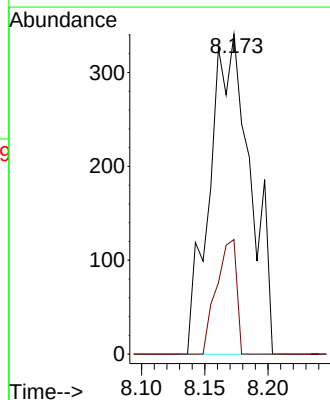
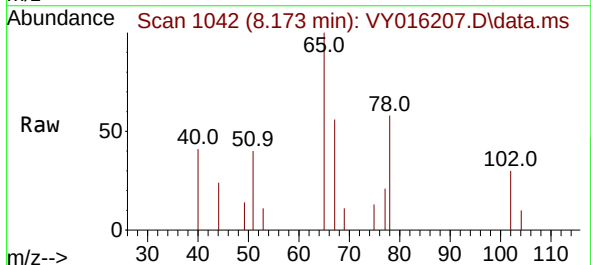
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-221RE

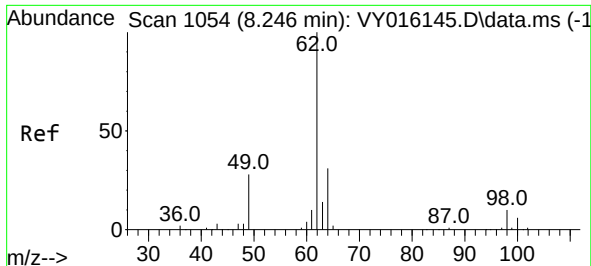
Tgt Ion:113 Resp: 5622
Ion Ratio Lower Upper
113 100
111 99.7 81.3 121.9
192 21.7 16.9 25.3



#40
Benzene
Concen: 1.406 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

Tgt Ion: 78 Resp: 760
Ion Ratio Lower Upper
78 100
77 35.8 19.0 28.6#





#42

1,2-Dichloroethane

Concen: 4.203 ug/l

RT: 8.240 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

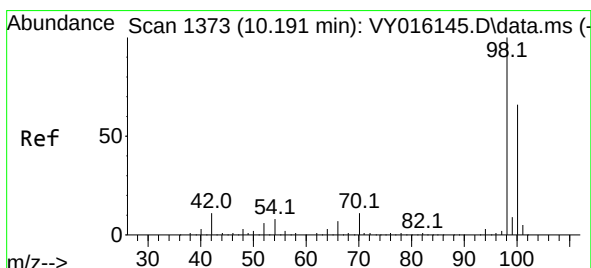
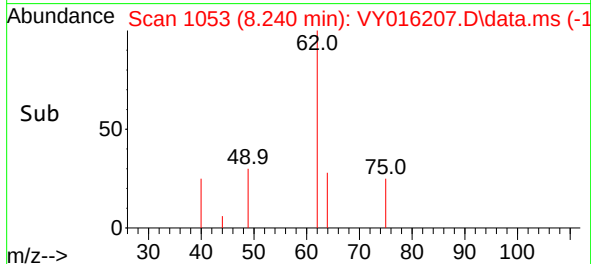
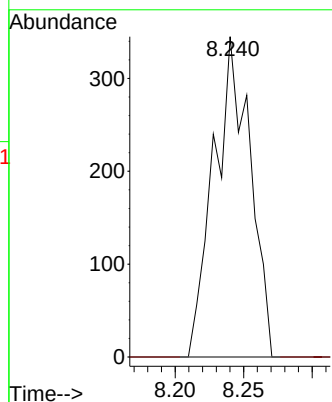
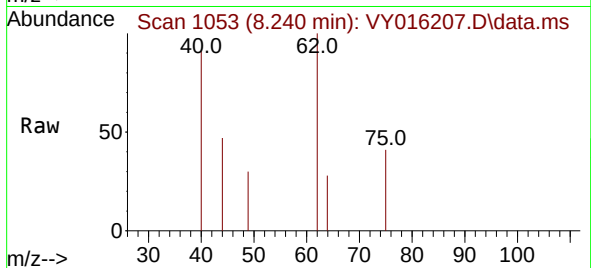
VNJ-221RE

Tgt Ion: 62 Resp: 634

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#50

Toluene-d8

Concen: 47.255 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016207.D

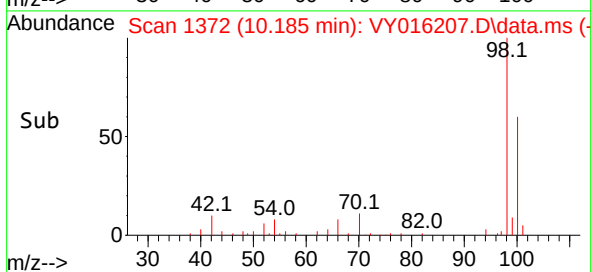
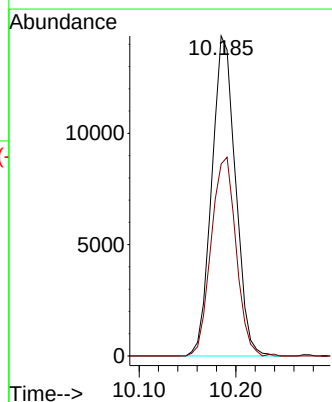
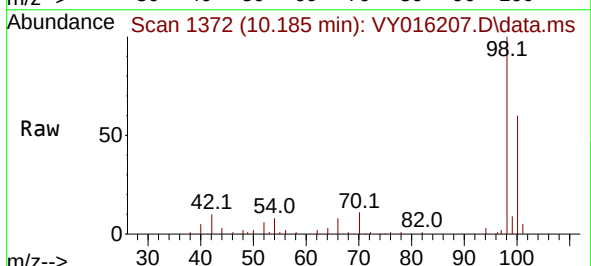
Acq: 03 Nov 2023 12:02

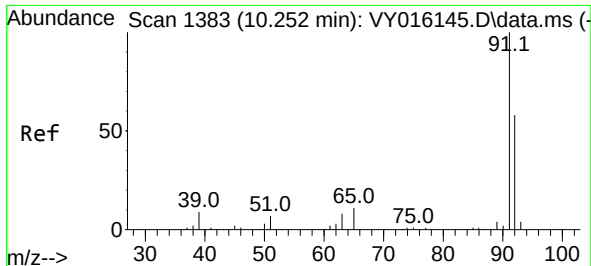
Tgt Ion: 98 Resp: 24427

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

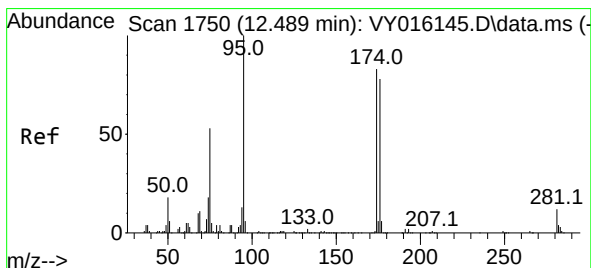
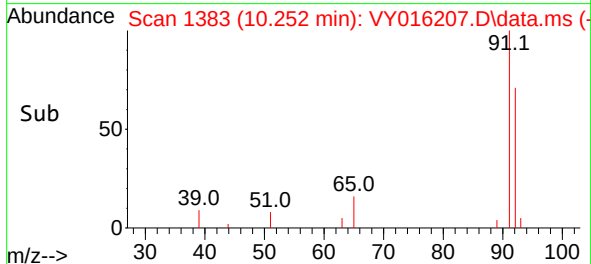
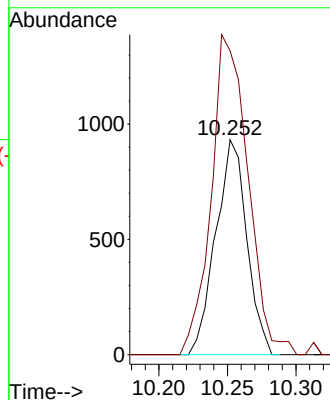
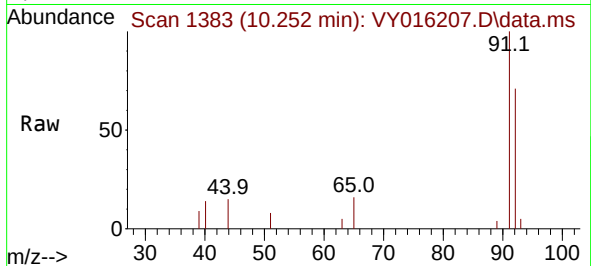




#52
Toluene
Concen: 4.194 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

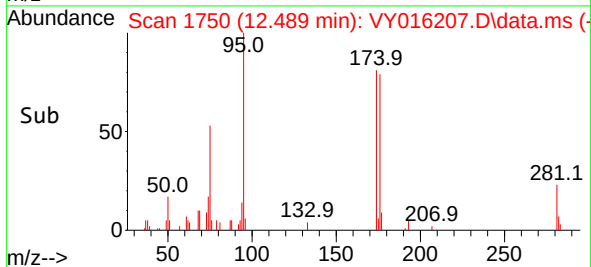
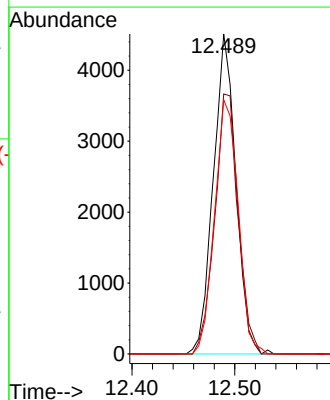
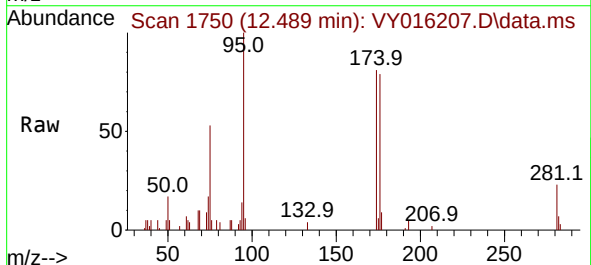
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-221RE

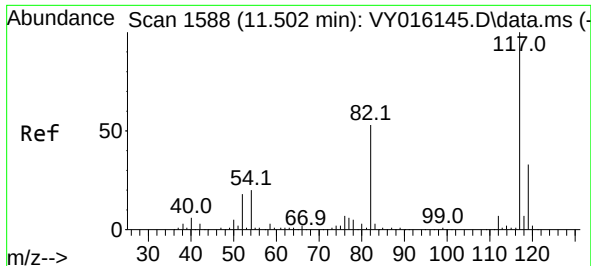
Tgt Ion: 92 Resp: 1469
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 38.861 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016207.D
Acq: 03 Nov 2023 12:02

Tgt Ion: 95 Resp: 6869
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-221RE

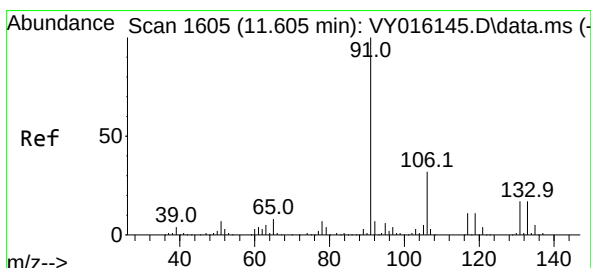
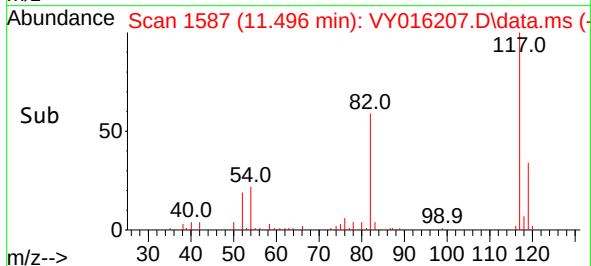
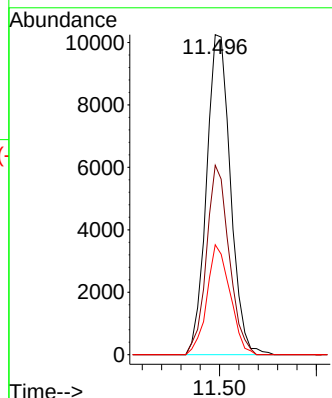
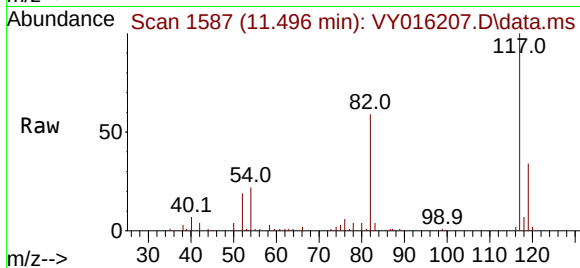
Tgt Ion:117 Resp: 17634

Ion Ratio Lower Upper

117 100

82 59.2 43.4 65.0

119 34.4 26.3 39.5



#67

Ethyl Benzene

Concen: 1.136 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016207.D

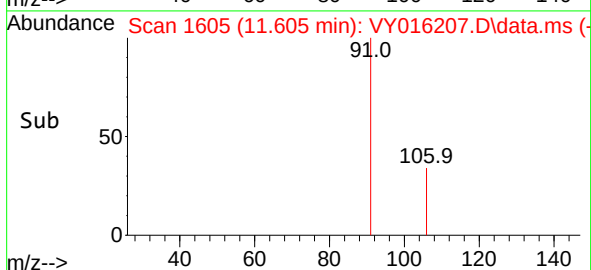
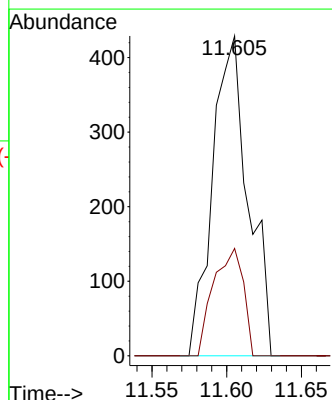
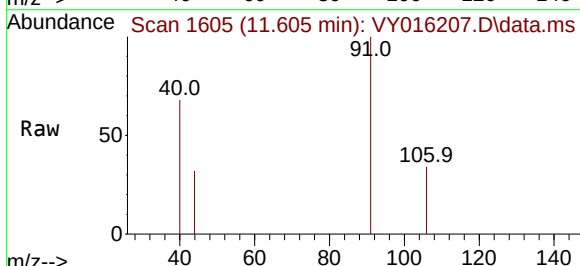
Acq: 03 Nov 2023 12:02

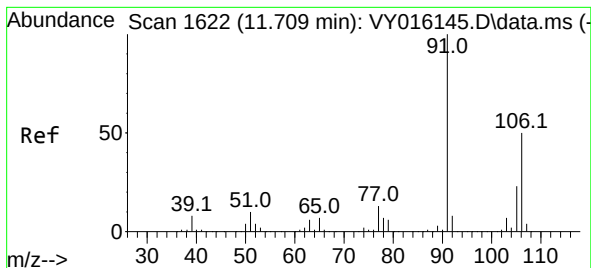
Tgt Ion: 91 Resp: 712

Ion Ratio Lower Upper

91 100

106 33.6 24.6 36.8





#68

m/p-Xylenes

Concen: 3.135 ug/l

RT: 11.709 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

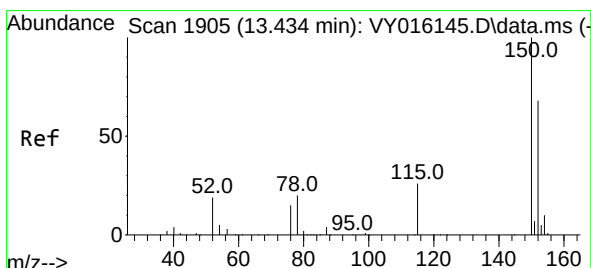
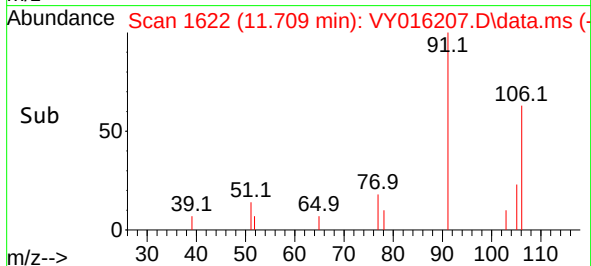
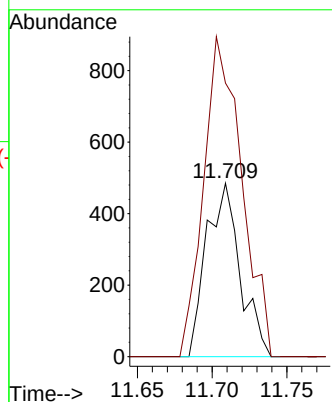
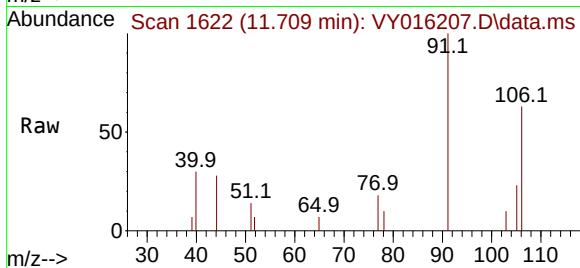
VNJ-221RE

Tgt Ion:106 Resp: 759

Ion Ratio Lower Upper

106 100

91 208.7 166.1 249.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016207.D

Acq: 03 Nov 2023 12:02

Tgt Ion:152 Resp: 7103

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 154.2 0.0 348.8

