

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012928.D
 Acq On : 13 Mar 2023 16:20
 Operator : KP/MD
 Sample : 01874-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Quant Time: Mar 14 01:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

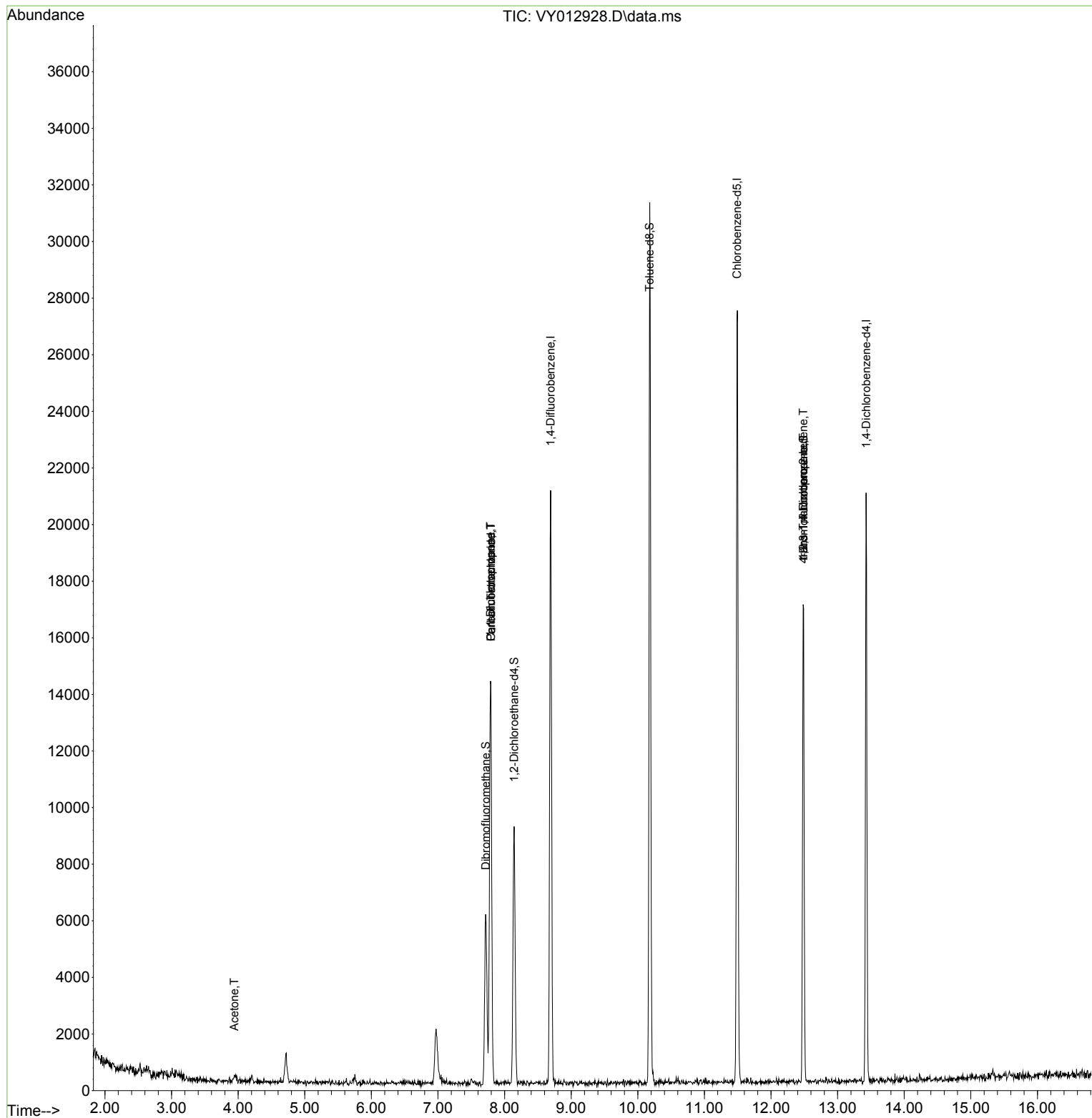
Internal Standards						
1) Pentafluorobenzene	7.795	168	11714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7265	62.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.940%
35) Dibromofluoromethane	7.716	113	4598	41.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.179	98	21023	52.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.489	95	5229	38.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.800%
Target Compounds						
16) Acetone	3.942	43	492	10.778	ug/l	98
20) Methylene Chloride	4.722	84	652	Below Cal		91
36) 1,1-Dichloropropene	7.789	75	865	4.677	ug/l #	46
38) Carbon Tetrachloride	7.795	117	1142	5.980	ug/l #	21
76) 1,2,3-Trichloropropane	12.483	75	2860	44.508	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2860	92.222	ug/l #	13

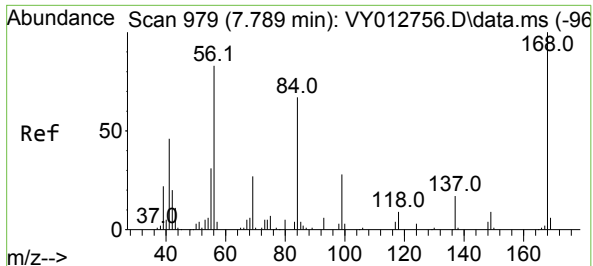
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012928.D
Acq On : 13 Mar 2023 16:20
Operator : KP/MD
Sample : 01874-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

Quant Time: Mar 14 01:27:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

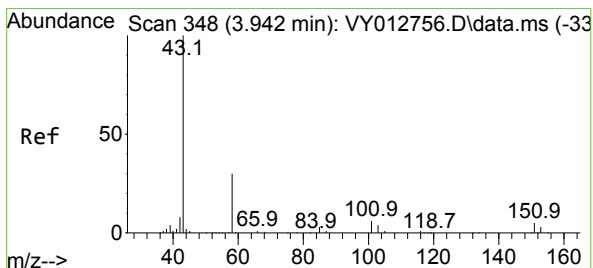
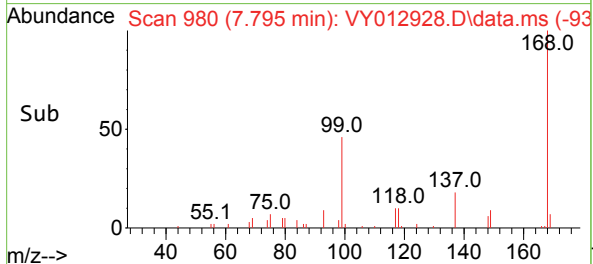
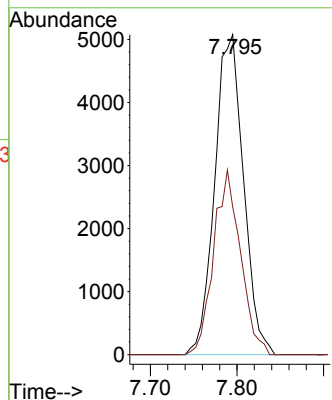
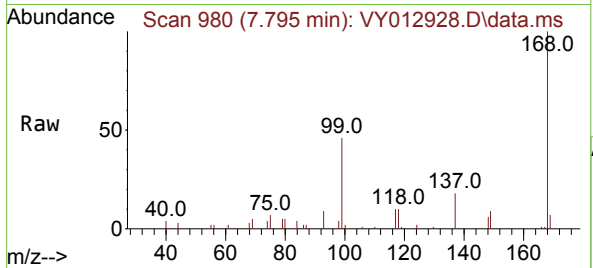




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

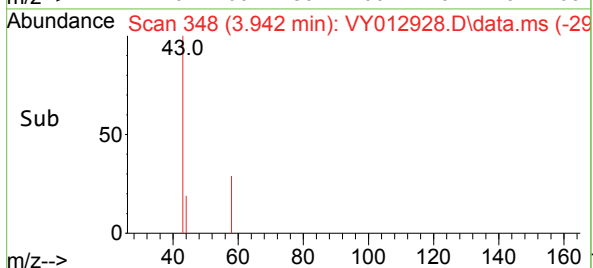
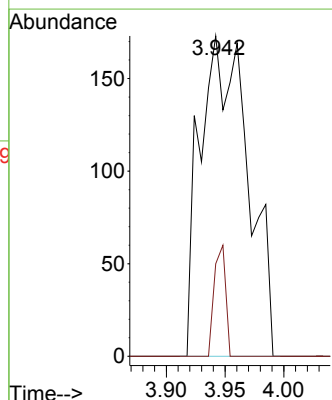
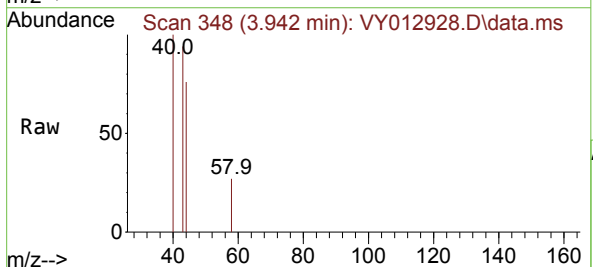
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

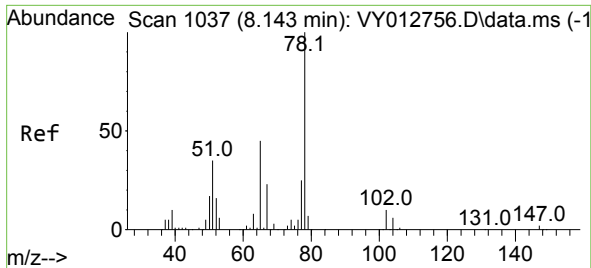
Tgt Ion:168 Resp: 11714
Ion Ratio Lower Upper
168 100
99 46.2 41.7 62.5



#16
Acetone
Concen: 10.778 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.2

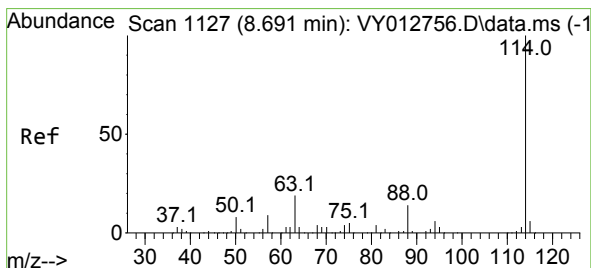
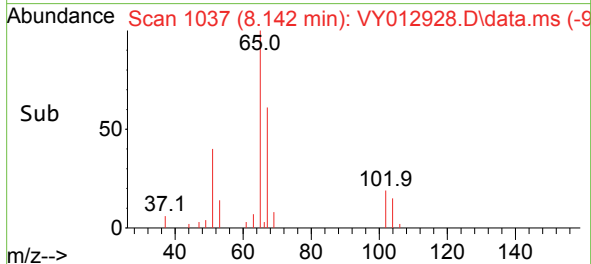
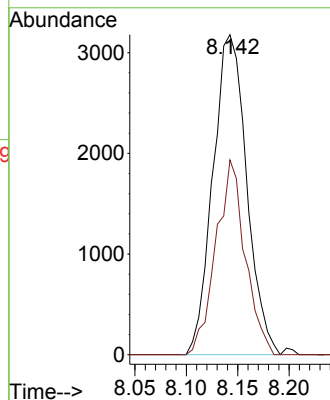
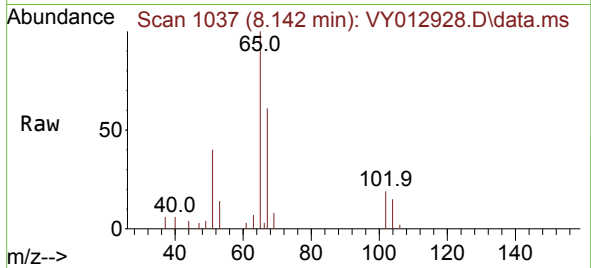




#33
 1,2-Dichloroethane-d4
 Concen: 62.465 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012928.D
 Acq: 13 Mar 2023 16:20

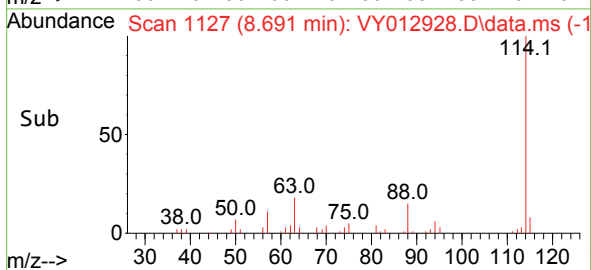
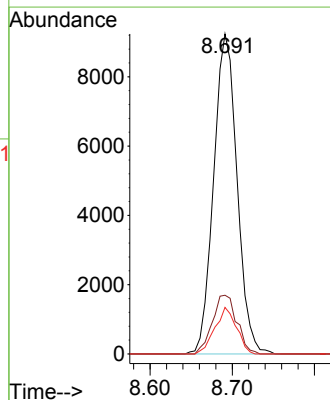
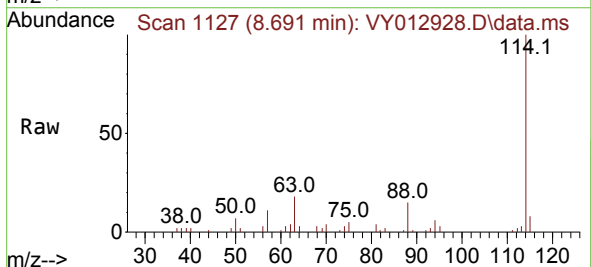
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

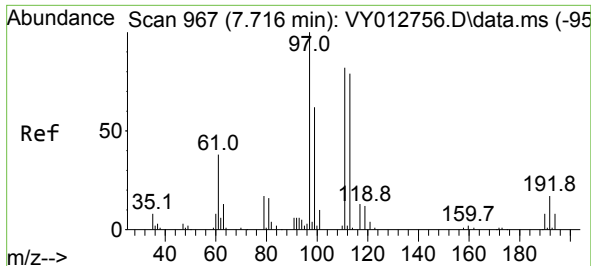
Tgt Ion: 65 Resp: 7265
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012928.D
 Acq: 13 Mar 2023 16:20

Tgt Ion: 114 Resp: 18286
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 14.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 41.665 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

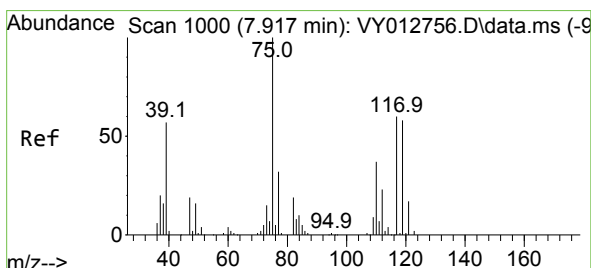
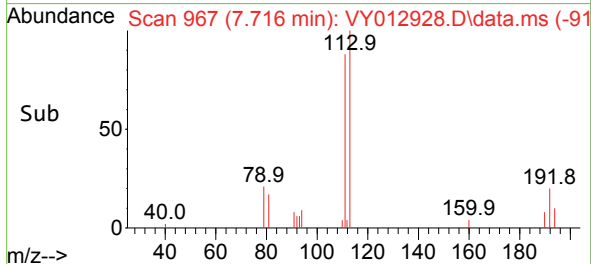
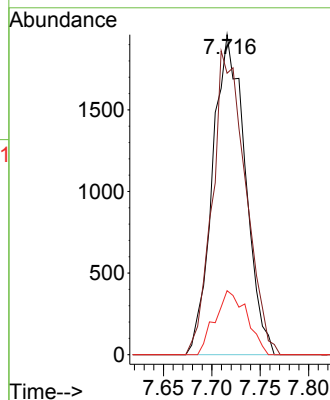
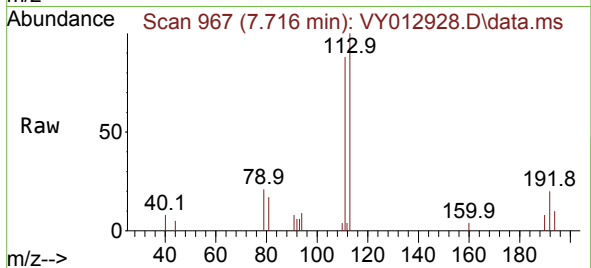
Tgt Ion:113 Resp: 4598

Ion Ratio Lower Upper

113 100

111 96.3 82.2 123.2

192 19.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.677 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

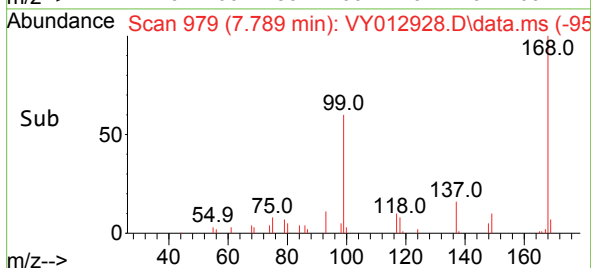
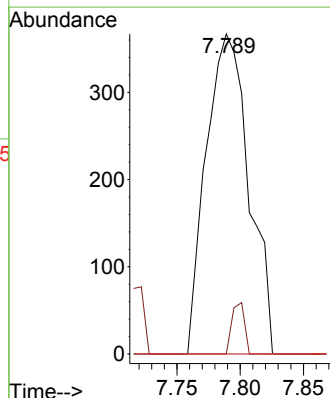
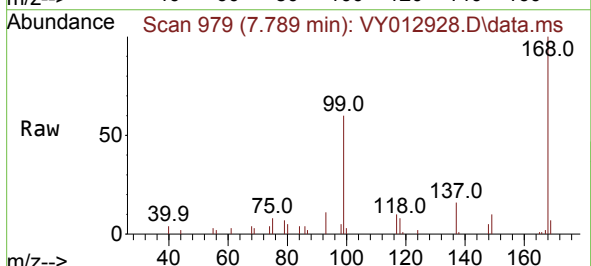
Tgt Ion: 75 Resp: 865

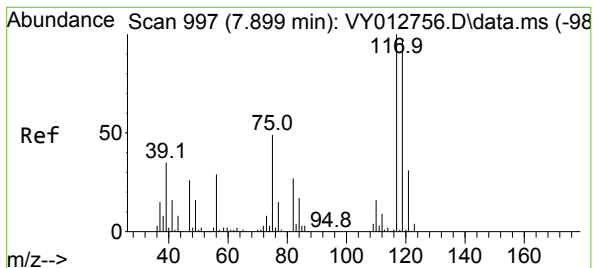
Ion Ratio Lower Upper

75 100

110 4.7 17.8 53.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.980 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

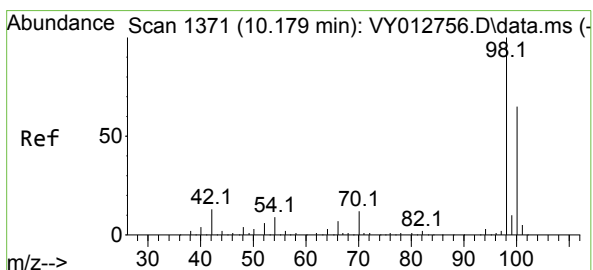
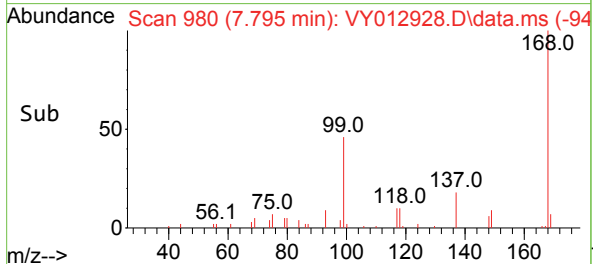
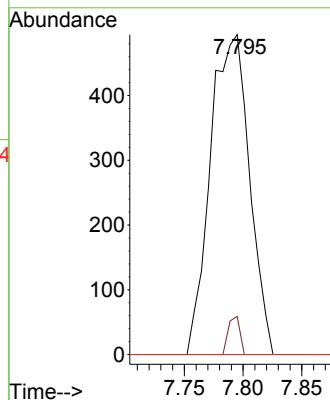
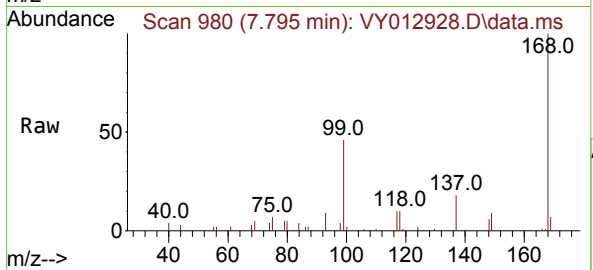
Tgt Ion:117 Resp: 1142

Ion Ratio Lower Upper

117 100

119 11.9 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 52.110 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012928.D

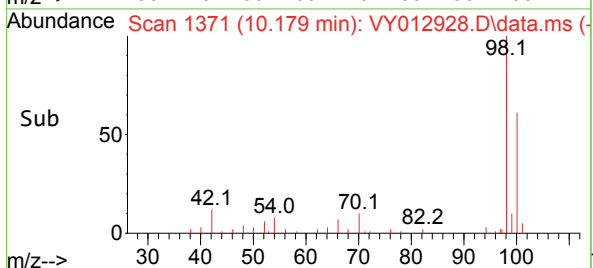
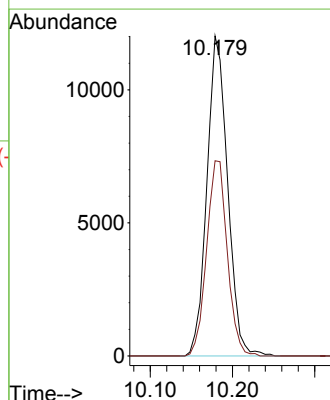
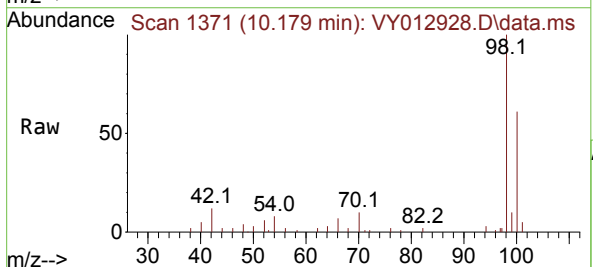
Acq: 13 Mar 2023 16:20

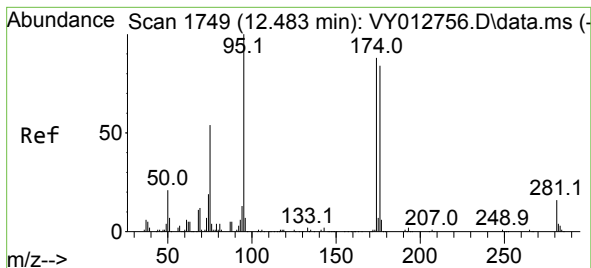
Tgt Ion: 98 Resp: 21023

Ion Ratio Lower Upper

98 100

100 61.0 50.9 76.3

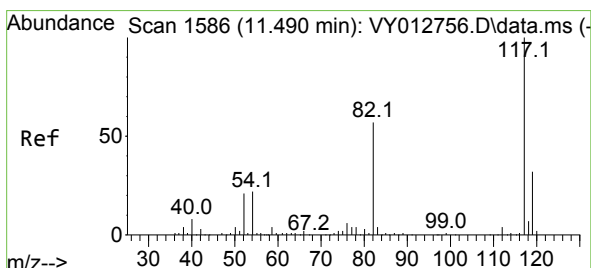
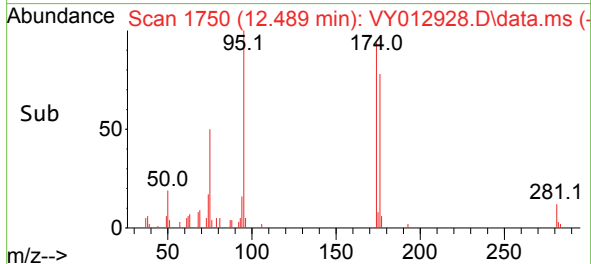
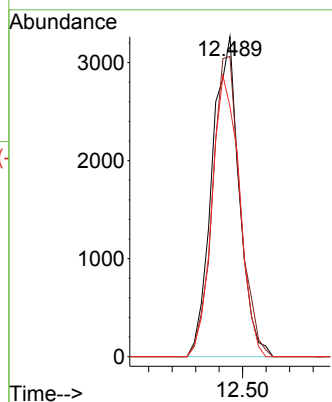
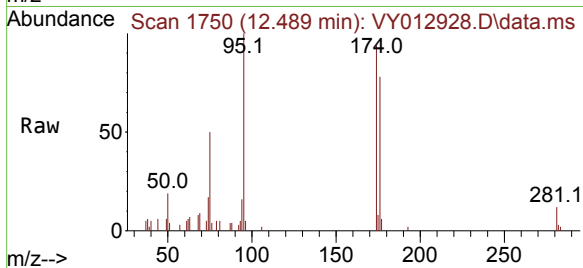




#62
4-Bromofluorobenzene
Concen: 38.400 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

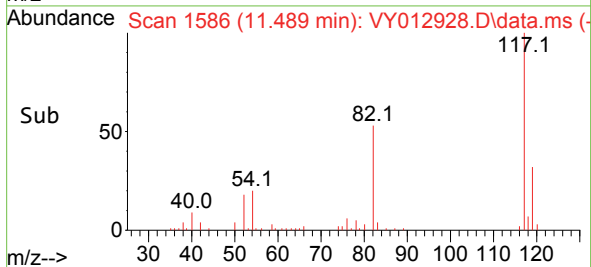
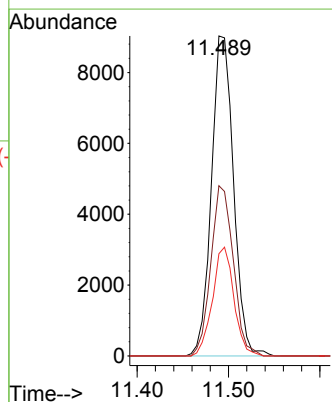
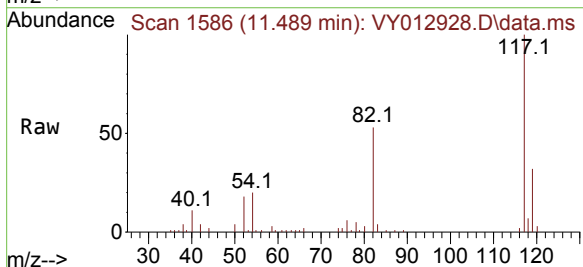
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

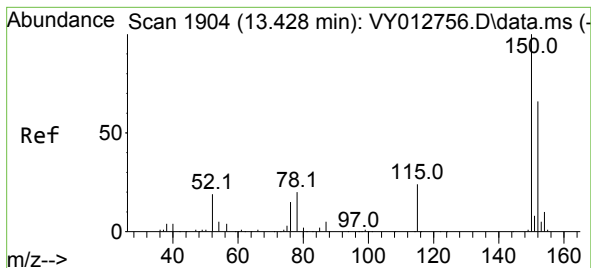
Tgt Ion: 95 Resp: 5229
Ion Ratio Lower Upper
95 100
174 95.8 0.0 176.6
176 89.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 117 Resp: 15193
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

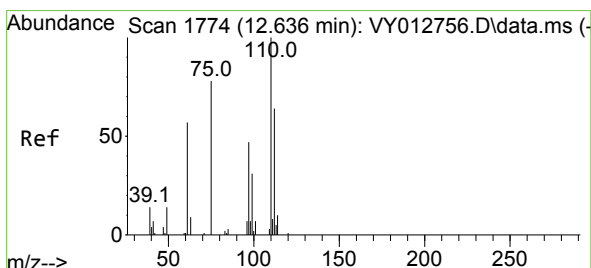
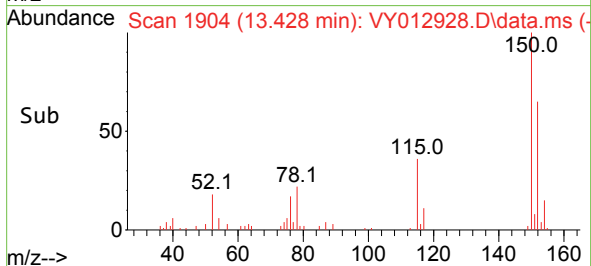
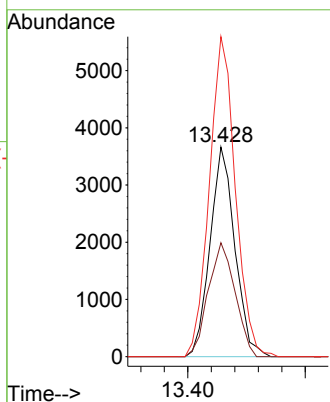
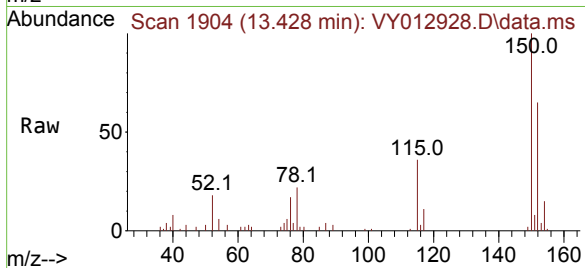
Tgt Ion:152 Resp: 5381

Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 159.8 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 44.508 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012928.D

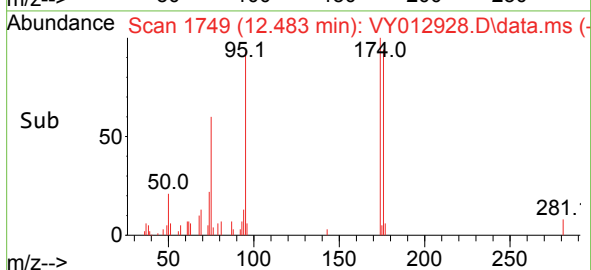
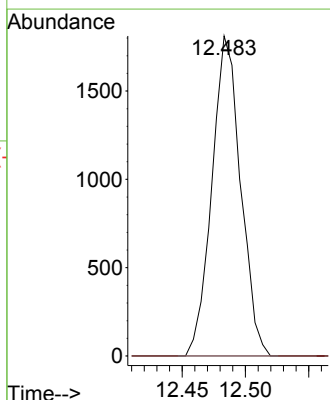
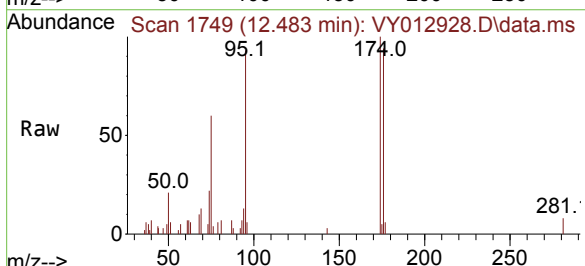
Acq: 13 Mar 2023 16:20

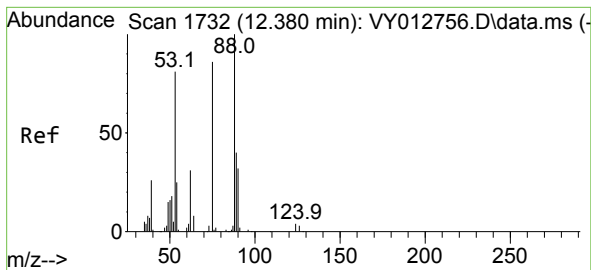
Tgt Ion: 75 Resp: 2860

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.222 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012928.D
 Acq: 13 Mar 2023 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Tgt Ion: 75 Resp: 2860
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

