

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013121.D
 Acq On : 28 Mar 2023 16:58
 Operator : KP/MD
 Sample : 02108-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Mar 29 02:30:56 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)

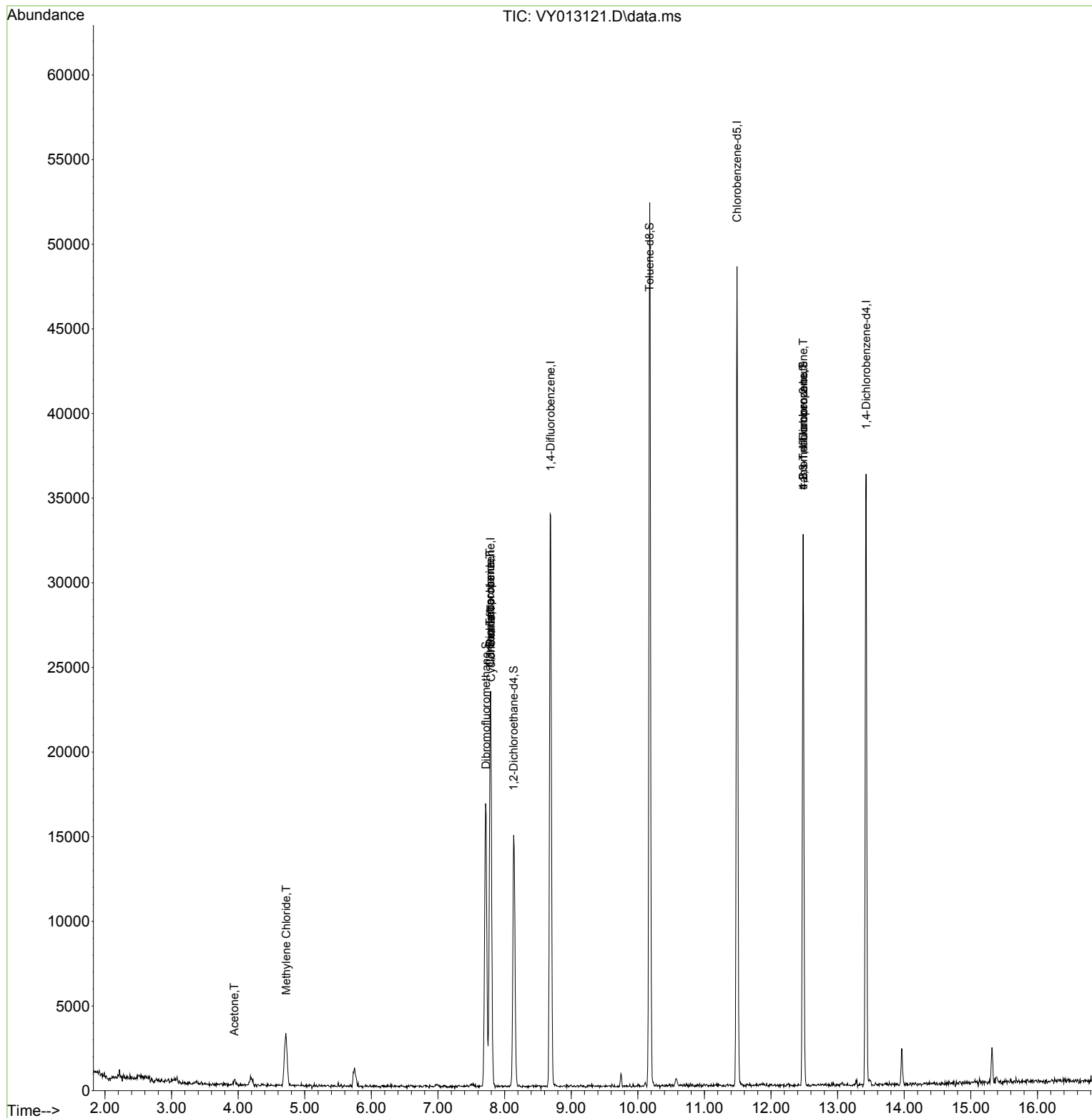
Internal Standards						
1) Pentafluorobenzene	7.789	168	18452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11872	64.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.600%	
35) Dibromofluoromethane	7.722	113	11532	65.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.800%	
50) Toluene-d8	10.179	98	34791	54.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.483	95	9013	41.743	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	520	7.231	ug/l #	87
20) Methylene Chloride	4.722	84	2218	5.305	ug/l #	94
31) Cyclohexane	7.795	56	444	1.265	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	1433	4.887	ug/l #	46
38) Carbon Tetrachloride	7.783	117	1860	6.142	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	4901	41.811	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4901	86.633	ug/l #	13

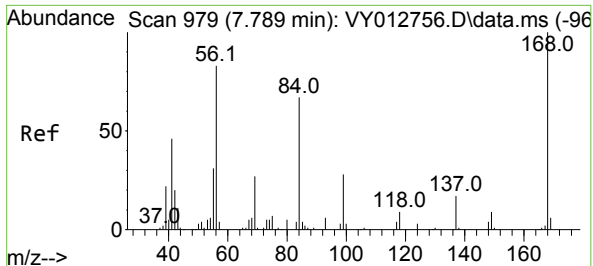
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
Data File : VY013121.D
Acq On : 28 Mar 2023 16:58
Operator : KP/MD
Sample : 02108-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Quant Time: Mar 29 02:30:56 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

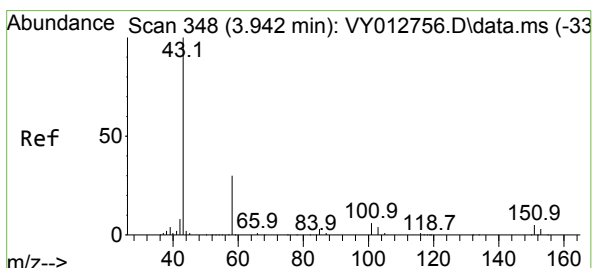
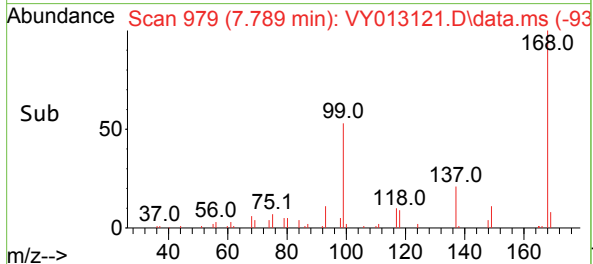
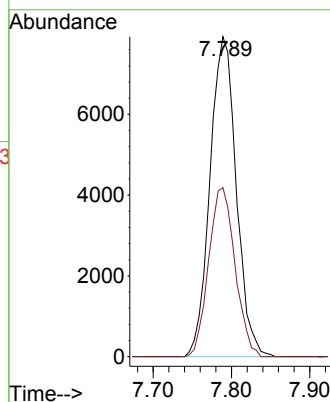
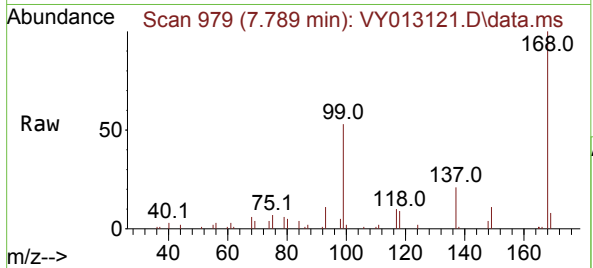




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

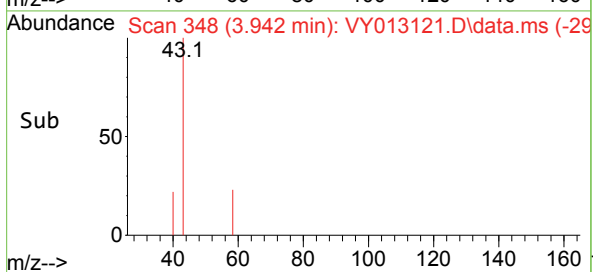
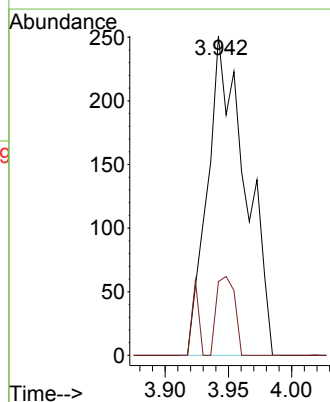
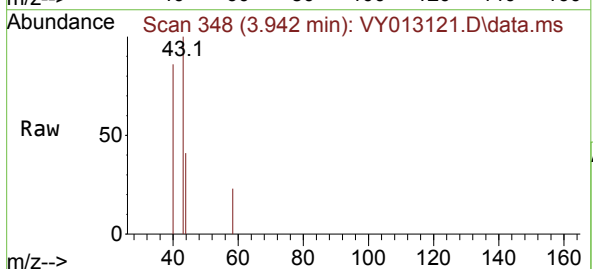
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

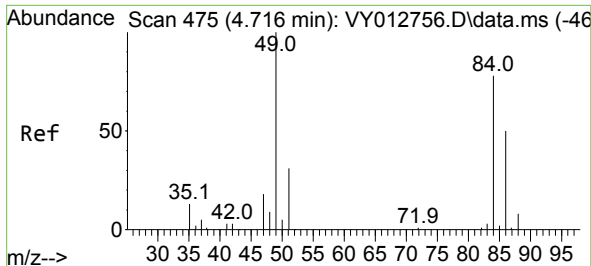
Tgt Ion:168 Resp: 18452
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#16
Acetone
Concen: 7.231 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 23.1 24.2 36.2#





#20

Methylene Chloride

Concen: 5.305 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY013121.D

Acq: 28 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-235

Tgt Ion: 84 Resp: 2218

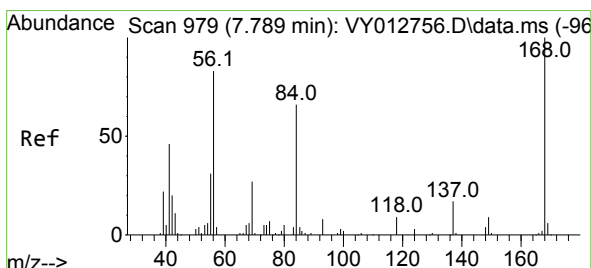
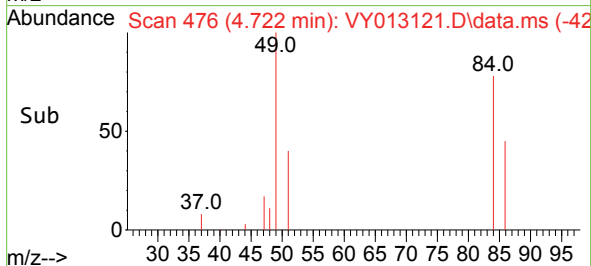
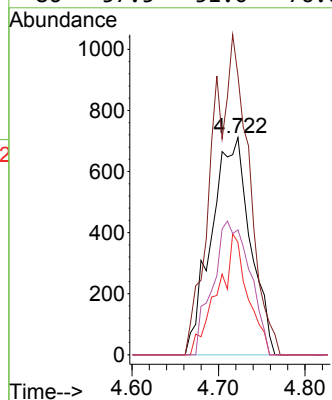
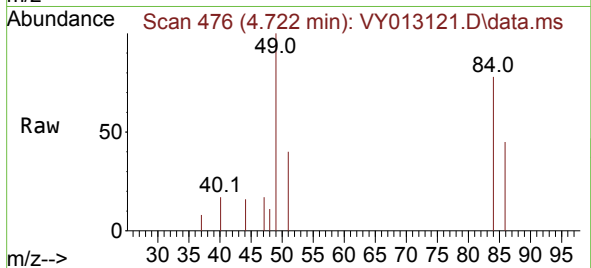
Ion Ratio Lower Upper

84 100

49 128.6 102.6 154.0

51 51.8 31.9 47.9#

86 57.5 51.0 76.6



#31

Cyclohexane

Concen: 1.265 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY013121.D

Acq: 28 Mar 2023 16:58

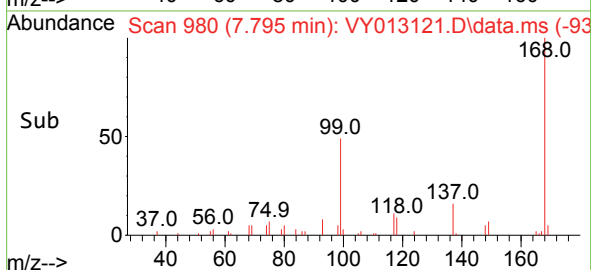
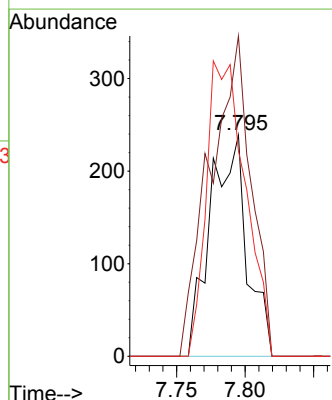
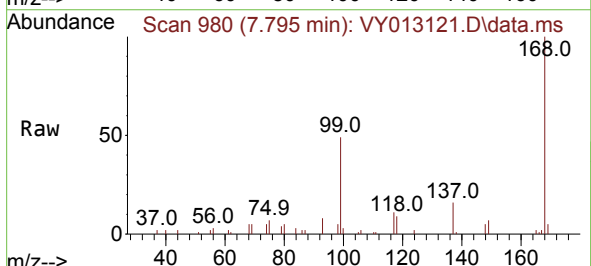
Tgt Ion: 56 Resp: 444

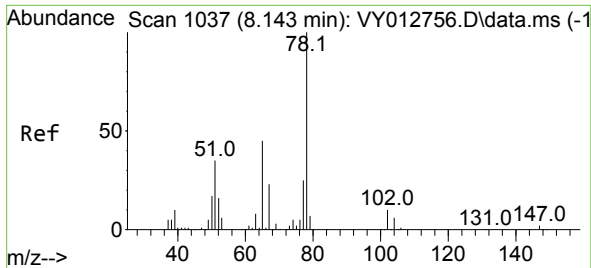
Ion Ratio Lower Upper

56 100

69 144.8 25.7 38.5#

84 92.9 64.3 96.5

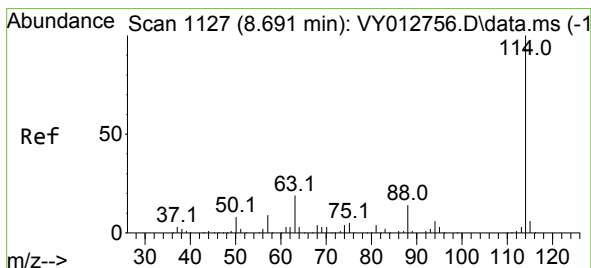
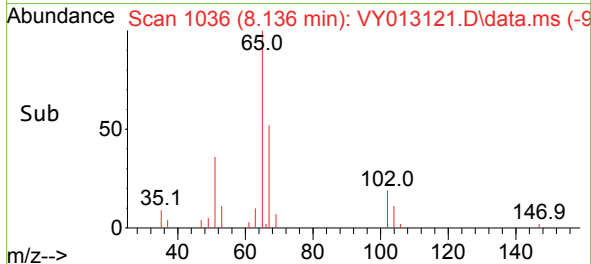
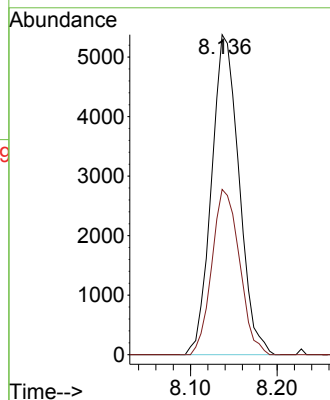
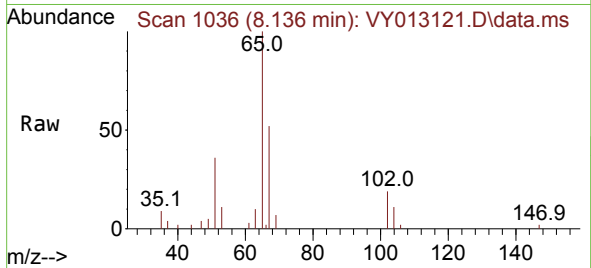




#33
 1,2-Dichloroethane-d4
 Concen: 64.802 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013121.D
 Acq: 28 Mar 2023 16:58

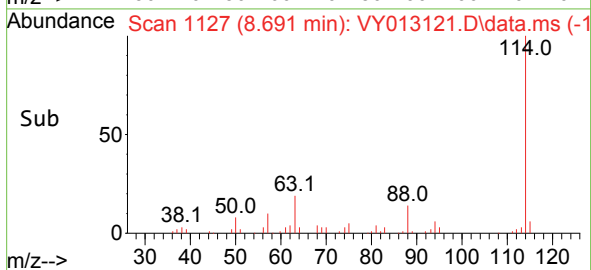
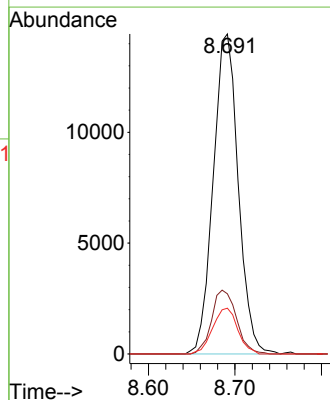
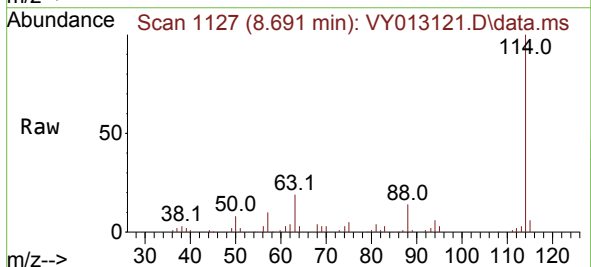
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

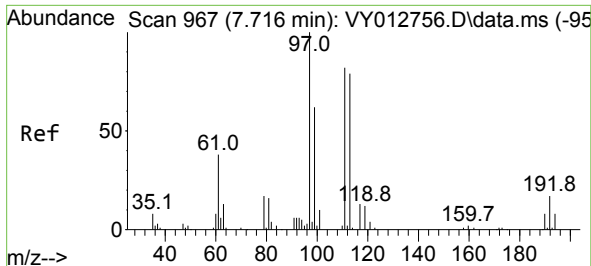
Tgt Ion: 65 Resp: 11872
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013121.D
 Acq: 28 Mar 2023 16:58

Tgt Ion: 114 Resp: 28995
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.3 0.0 28.6

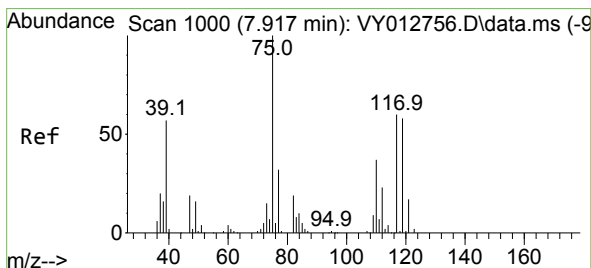
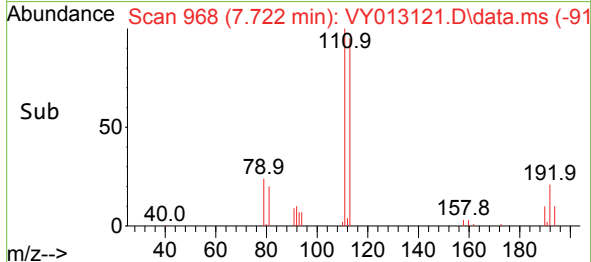
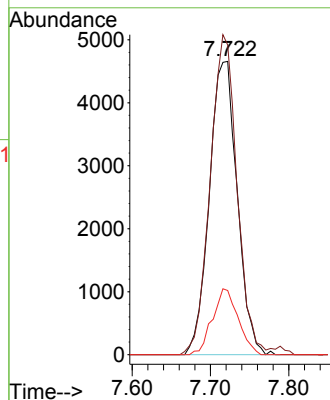
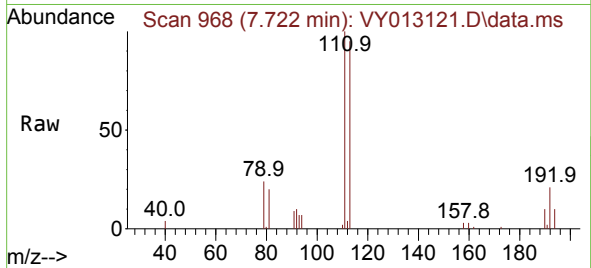




#35
Dibromofluoromethane
Concen: 65.903 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

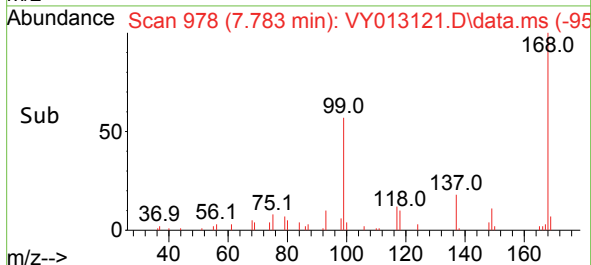
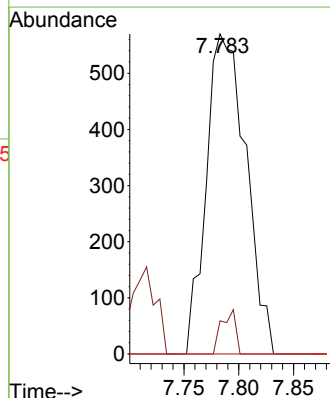
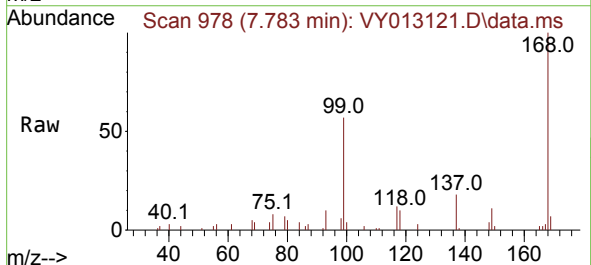
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

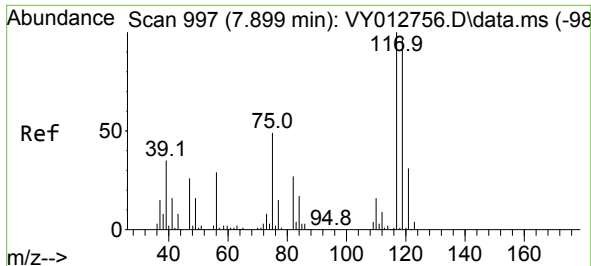
Tgt Ion:113 Resp: 11532
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion: 75 Resp: 1433
Ion Ratio Lower Upper
75 100
110 5.0 17.8 53.3#
77 0.0 25.0 37.4#

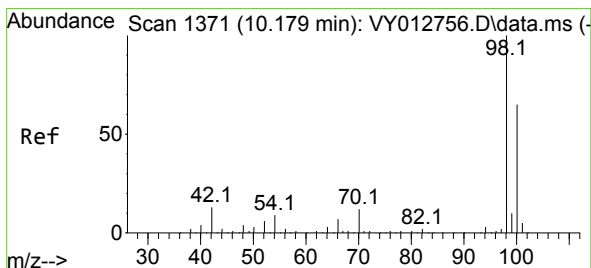
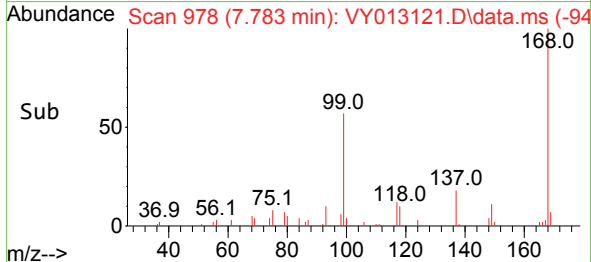
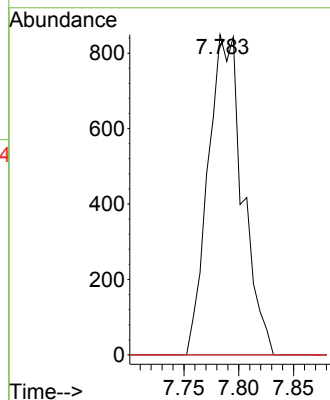
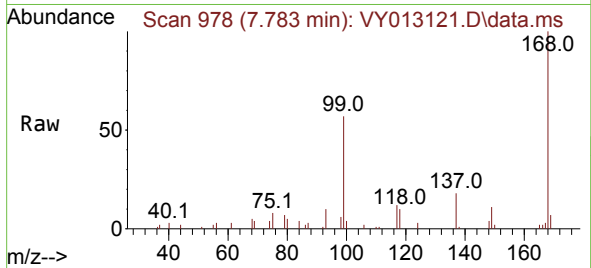




#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

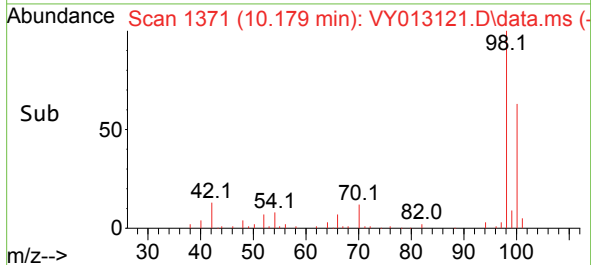
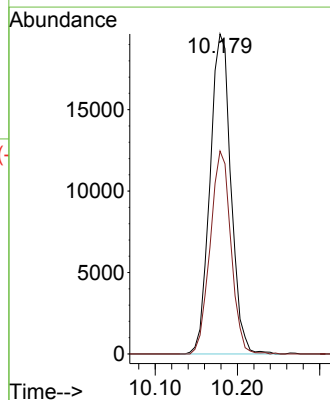
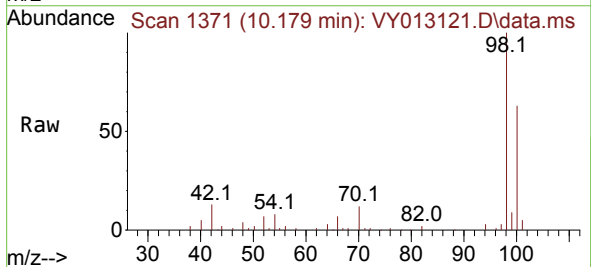
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

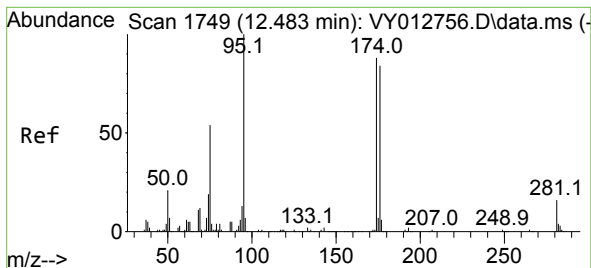
Tgt Ion:117 Resp: 1860
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.386 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion: 98 Resp: 34791
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

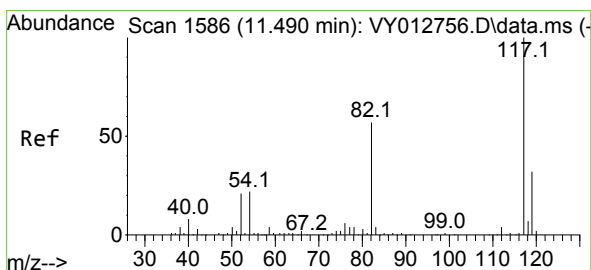
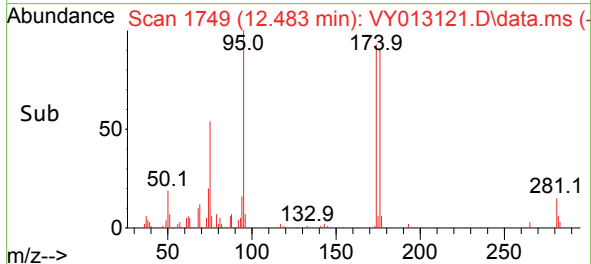
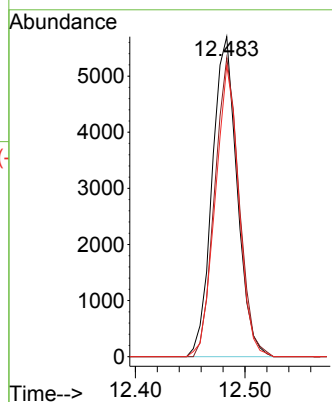
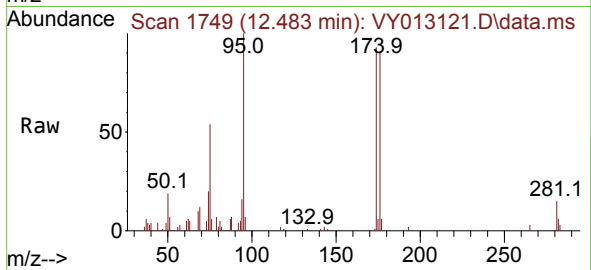




#62
4-Bromofluorobenzene
Concen: 41.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

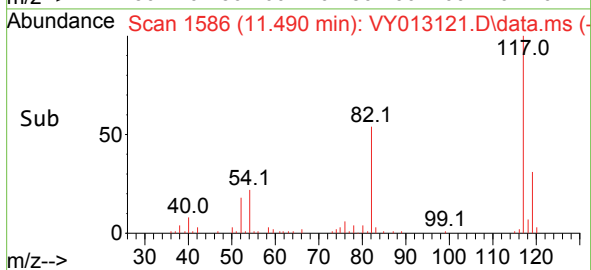
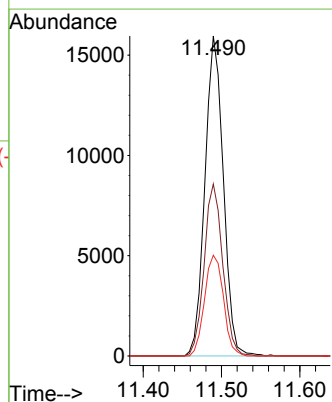
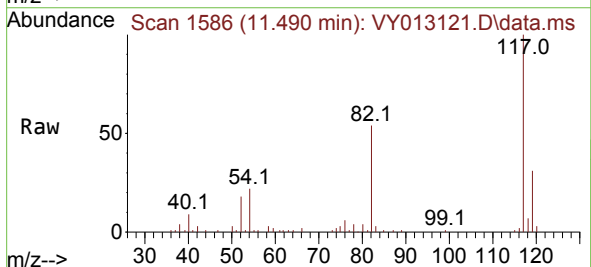
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

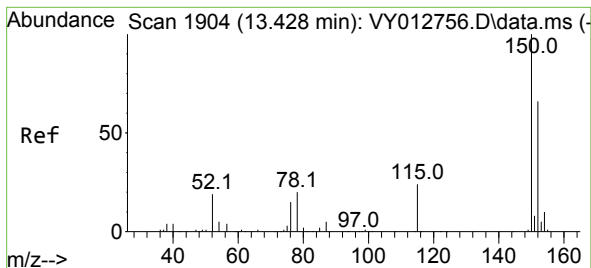
Tgt Ion: 95 Resp: 9013
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion: 117 Resp: 26033
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.5 25.6 38.4

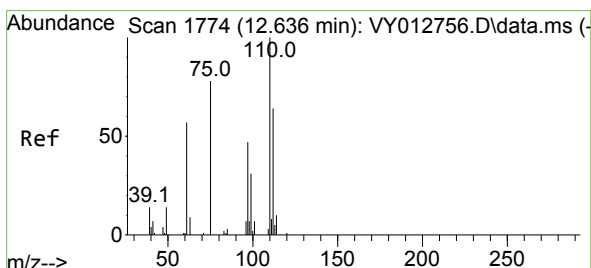
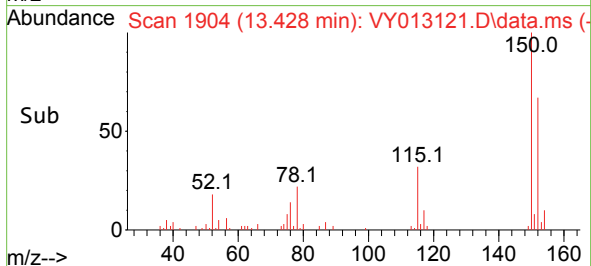
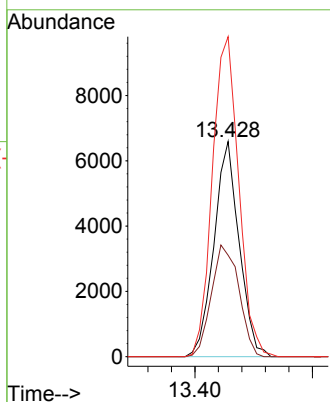
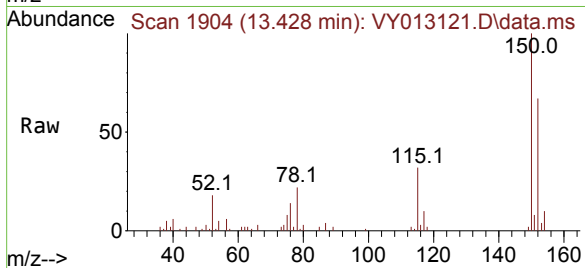




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013121.D
 Acq: 28 Mar 2023 16:58

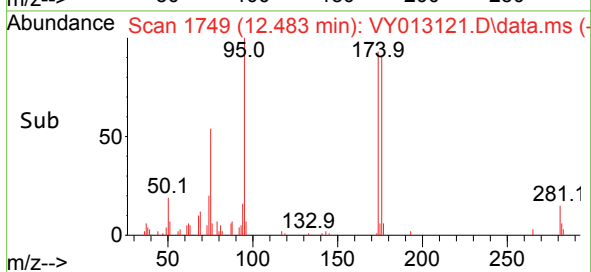
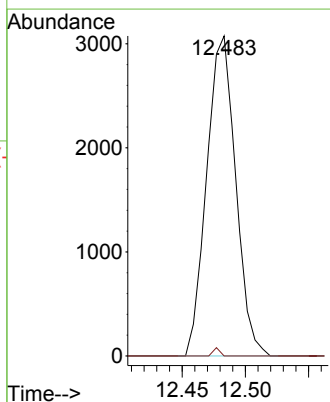
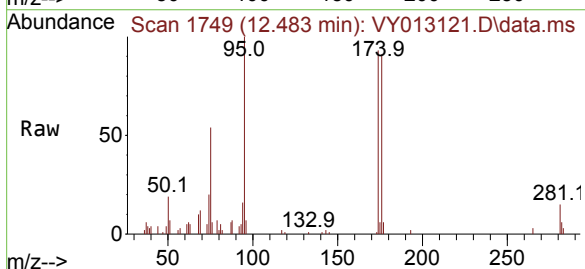
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

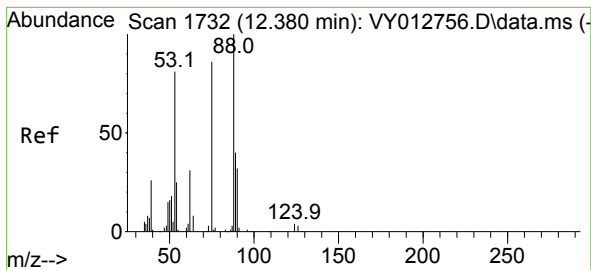
Tgt Ion:152 Resp: 9816
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 155.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 41.811 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013121.D
 Acq: 28 Mar 2023 16:58

Tgt Ion: 75 Resp: 4901
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.633 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013121.D
 Acq: 28 Mar 2023 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

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

