

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012710.D
 Acq On : 23 Feb 2023 17:32
 Operator : KP/MD
 Sample : 01665-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Feb 23 23:55:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

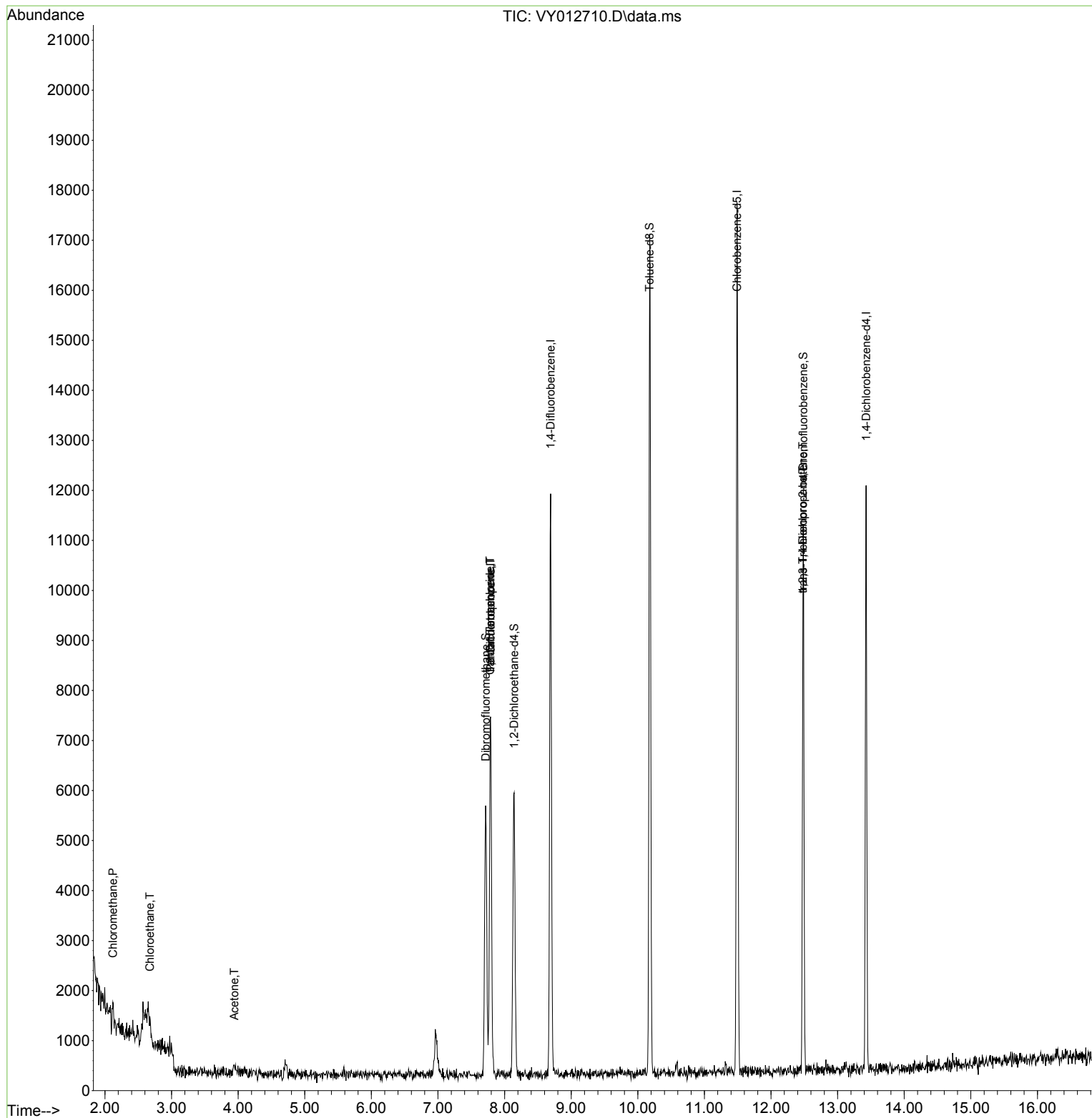
Internal Standards						
1) Pentafluorobenzene	7.789	168	5958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4288	60.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.880%	
35) Dibromofluoromethane	7.716	113	3850	57.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.820%	
50) Toluene-d8	10.179	98	11057	44.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.020%	
62) 4-Bromofluorobenzene	12.483	95	3189	39.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	578	4.556	ug/l #	81
6) Chloroethane	2.674	64	203	4.712	ug/l #	41
16) Acetone	3.942	43	320	13.937	ug/l #	46
20) Methylene Chloride	4.704	84	192	Below Cal	#	55
36) 1,1-Dichloropropene	7.789	75	410	3.857	ug/l #	42
38) Carbon Tetrachloride	7.783	117	559	5.086	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	1629	40.230	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1629	85.228	ug/l #	9

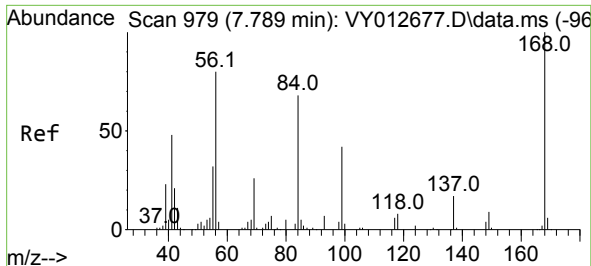
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Feb 23 23:55:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

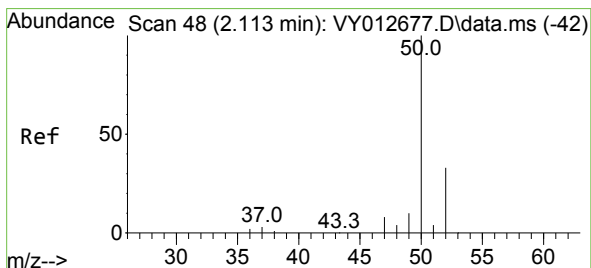
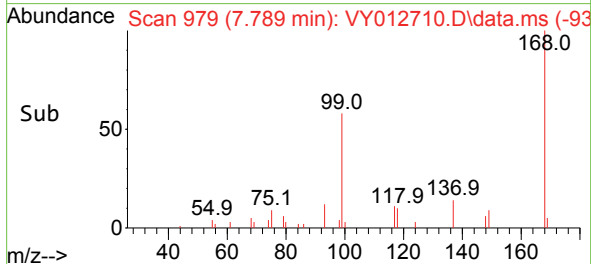
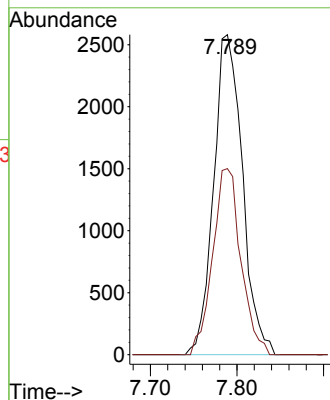
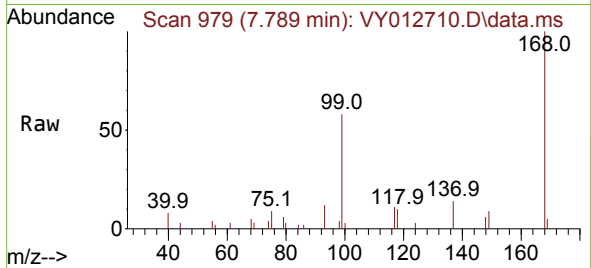




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

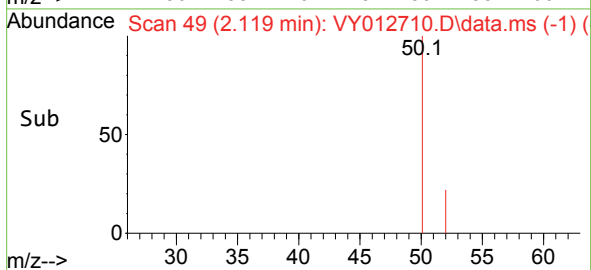
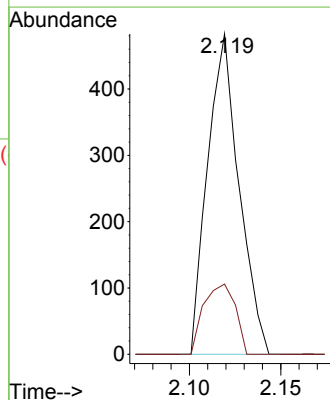
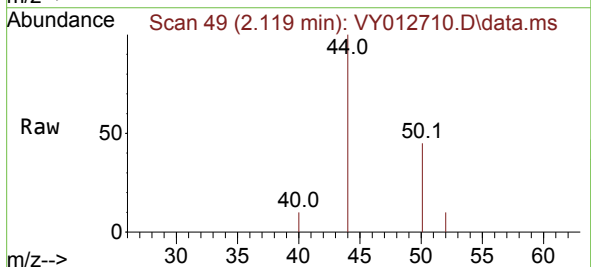
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

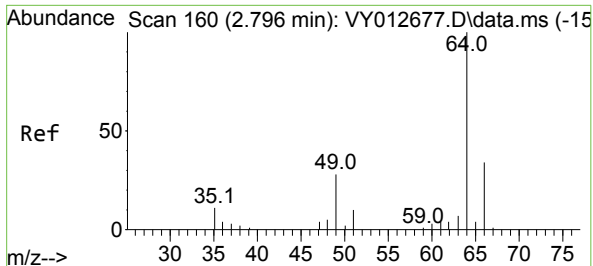
Tgt Ion:168 Resp: 5958
Ion Ratio Lower Upper
168 100
99 58.2 45.4 68.2



#3
Chloromethane
Concen: 4.556 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 21.9 26.1 39.1#

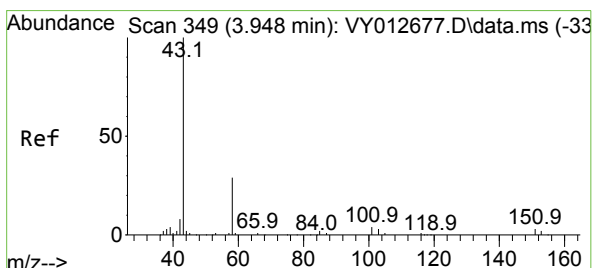
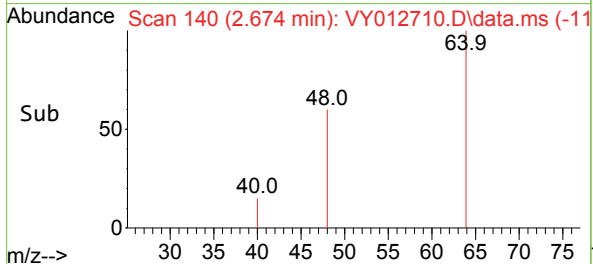
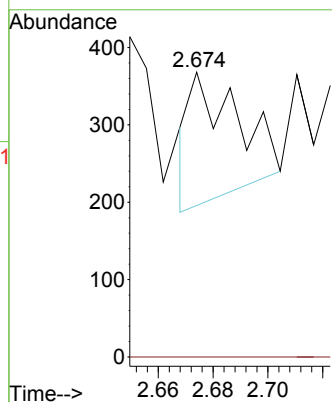
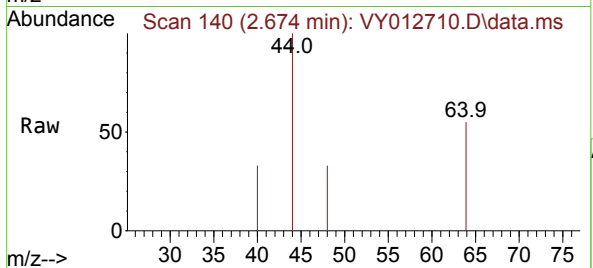




#6
Chloroethane
Concen: 4.712 ug/l
RT: 2.674 min Scan# 14
Delta R.T. -0.122 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

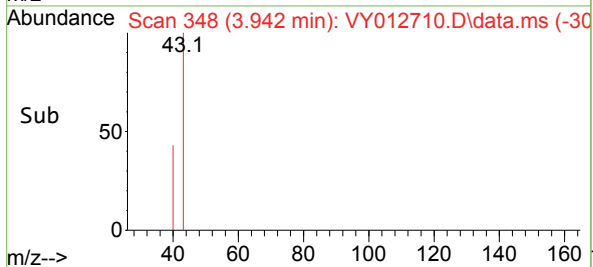
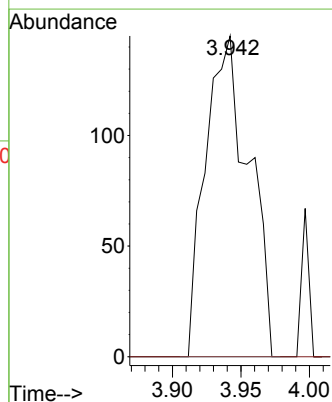
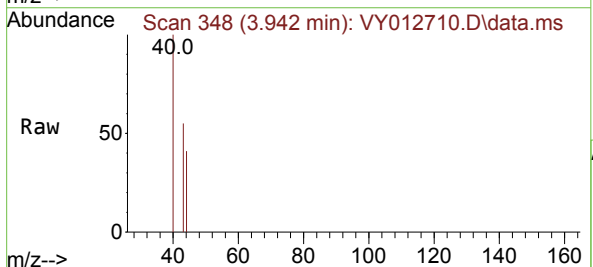
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

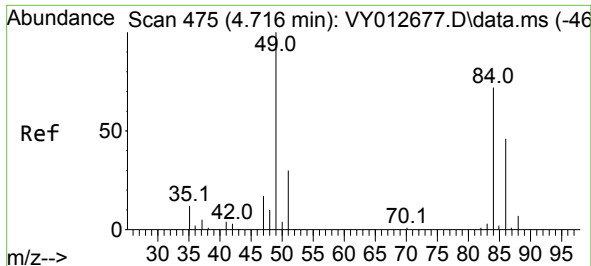
Tgt Ion: 64 Resp: 203
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#16
Acetone
Concen: 13.937 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

Tgt Ion: 84 Resp: 192

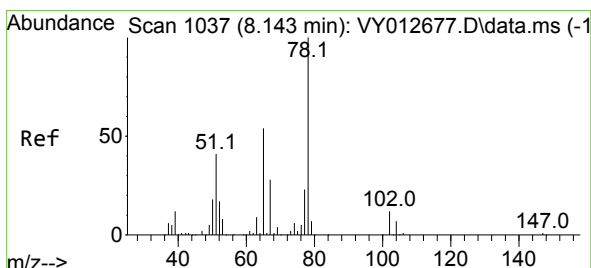
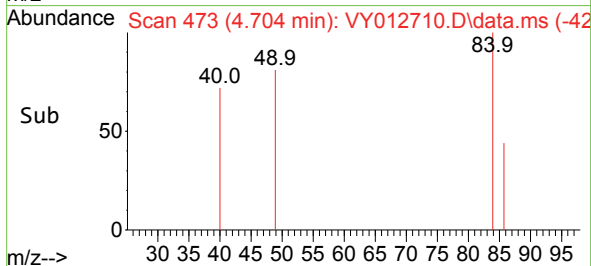
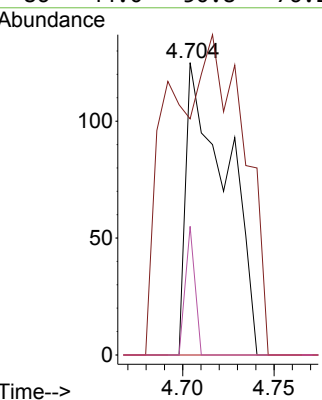
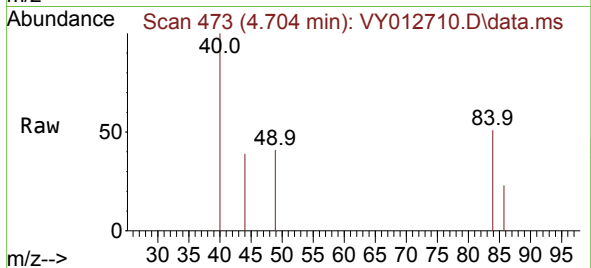
Ion Ratio Lower Upper

84 100

49 80.8 111.1 166.7#

51 0.0 33.5 50.3#

86 44.0 50.8 76.2#



#33

1,2-Dichloroethane-d4

Concen: 60.938 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012710.D

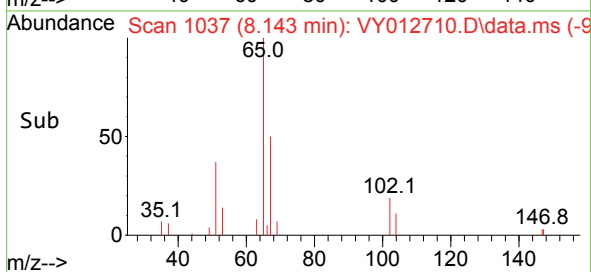
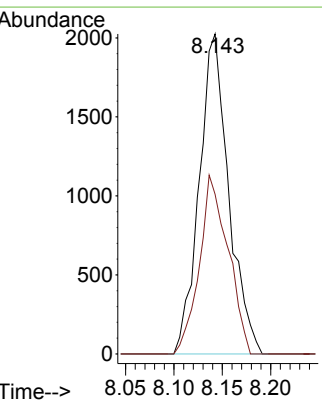
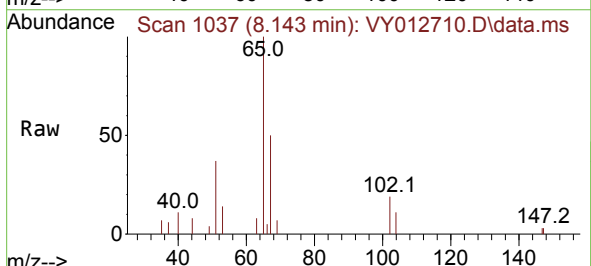
Acq: 23 Feb 2023 17:32

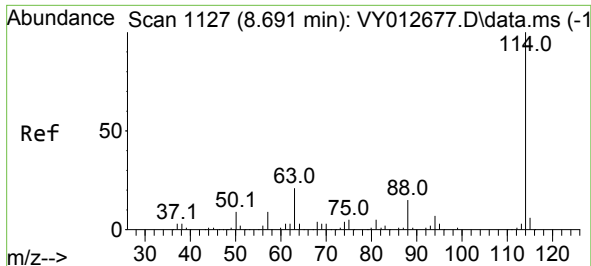
Tgt Ion: 65 Resp: 4288

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

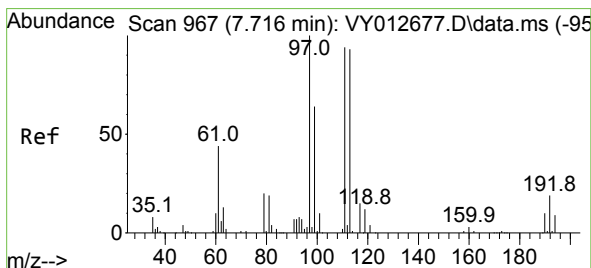
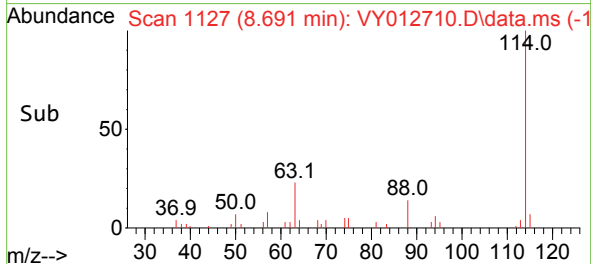
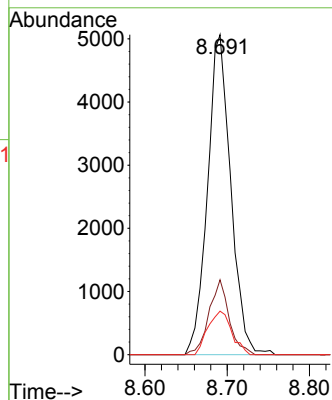
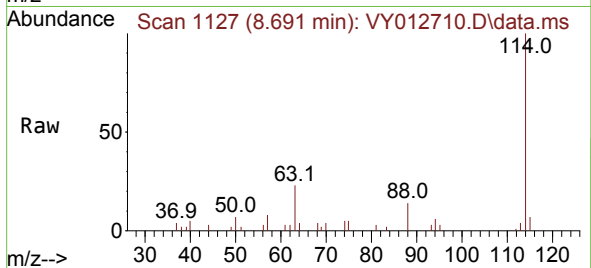
Tgt Ion:114 Resp: 9929

Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.8

88 13.6 0.0 29.6



#35

Dibromofluoromethane

Concen: 57.408 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

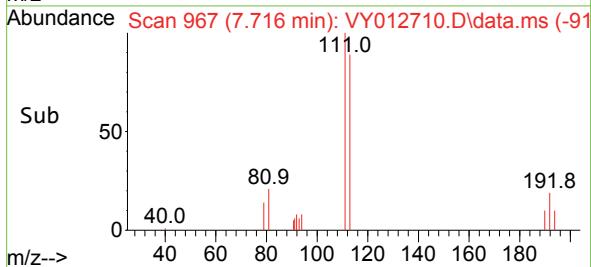
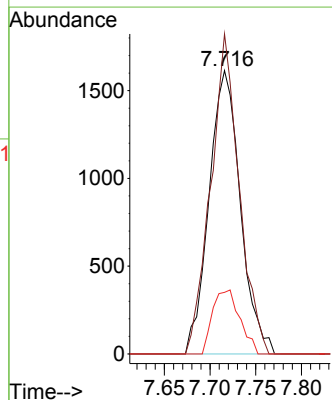
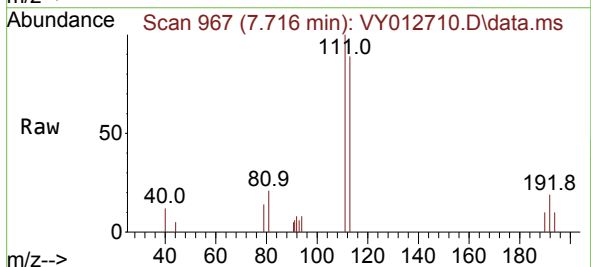
Tgt Ion:113 Resp: 3850

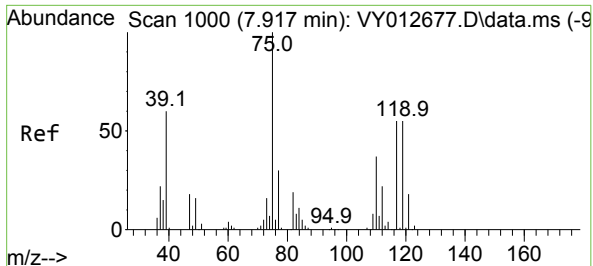
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 19.6 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.857 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

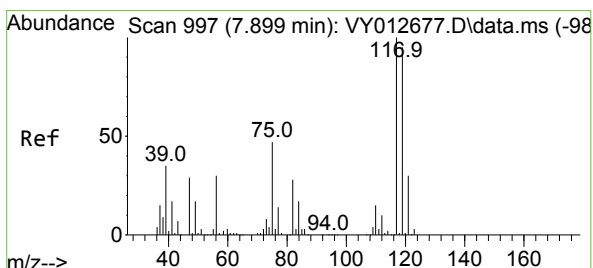
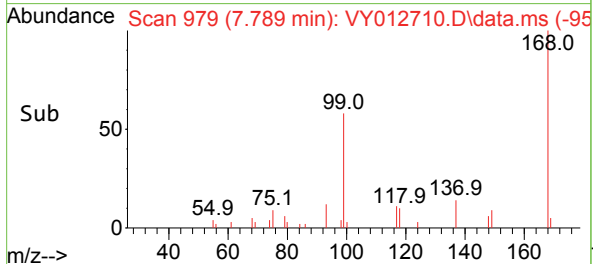
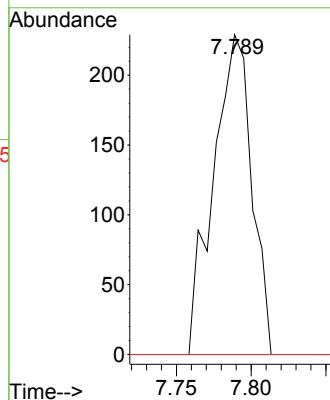
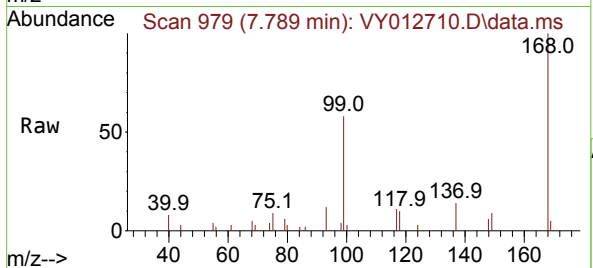
Tgt Ion: 75 Resp: 410

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

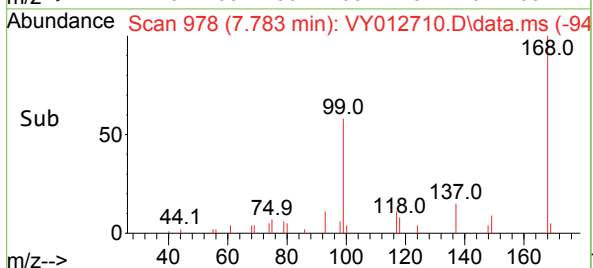
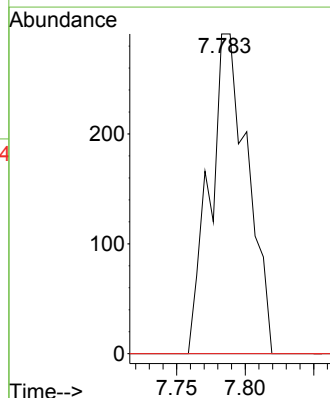
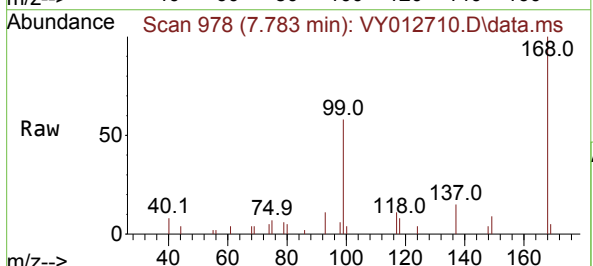
Tgt Ion: 117 Resp: 559

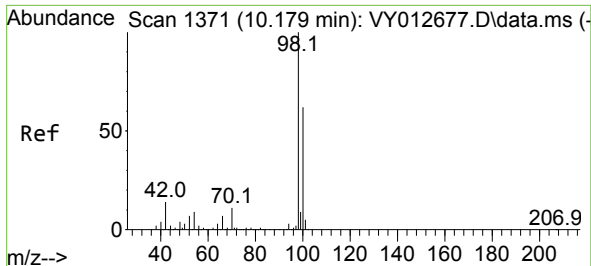
Ion Ratio Lower Upper

117 100

119 0.0 75.5 113.3#

121 0.0 23.8 35.8#

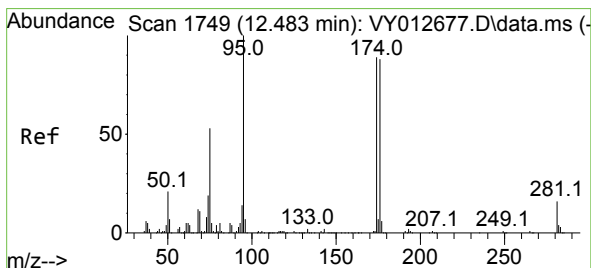
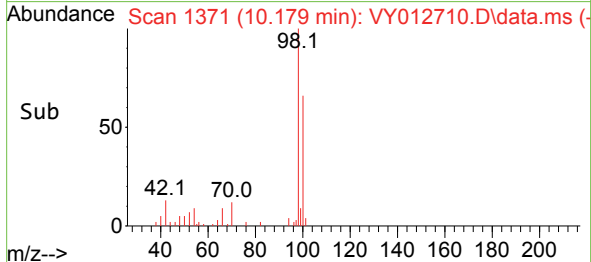
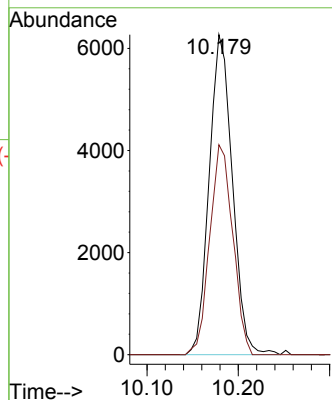
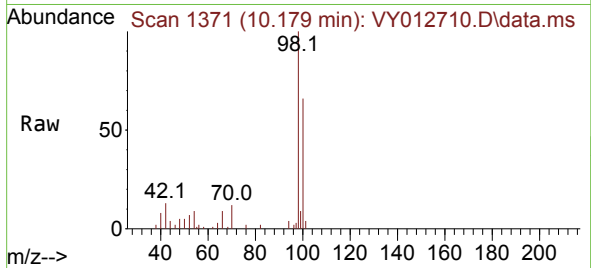




#50
Toluene-d8
Concen: 44.008 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

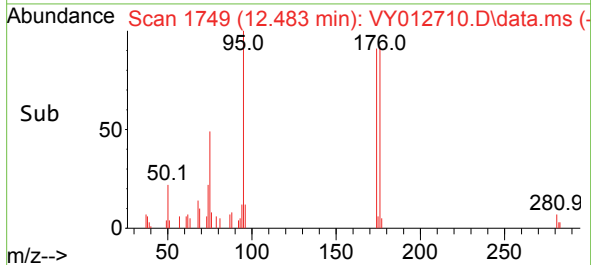
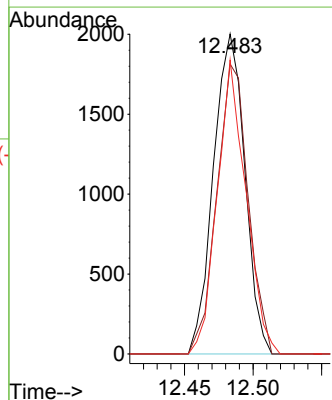
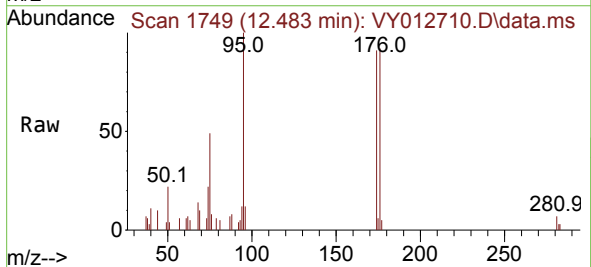
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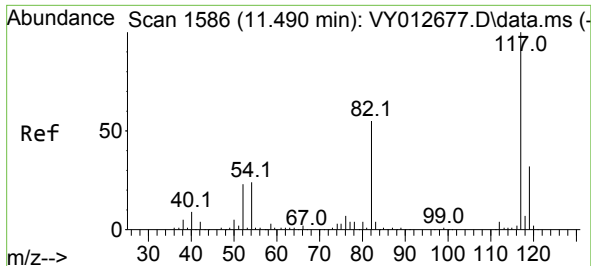
Tgt Ion: 98 Resp: 11057
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

Tgt Ion: 95 Resp: 3189
Ion Ratio Lower Upper
95 100
174 90.4 0.0 172.8
176 84.0 0.0 169.4

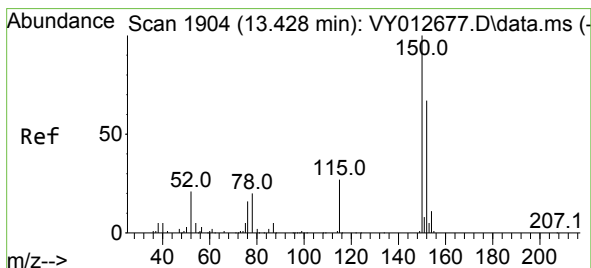
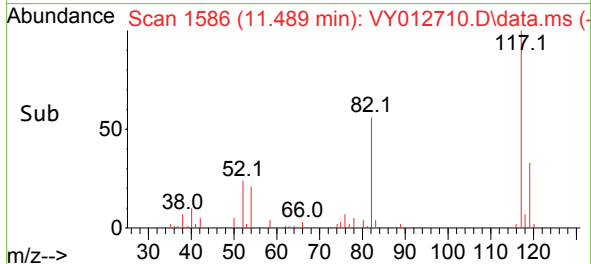
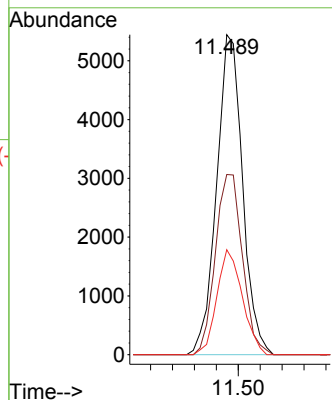
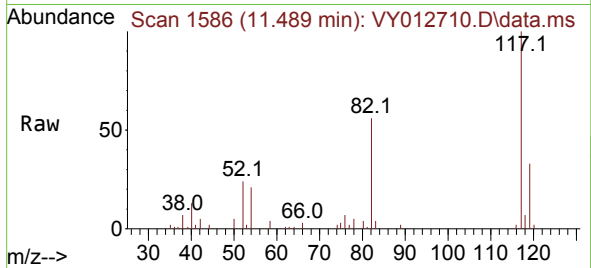




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

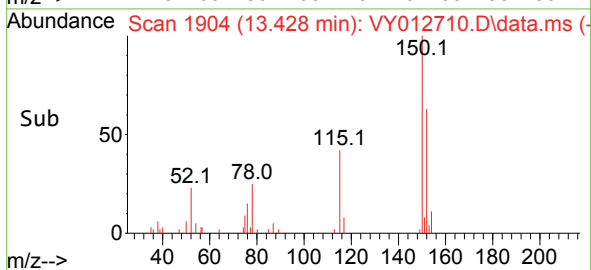
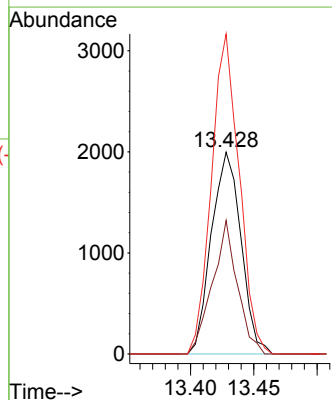
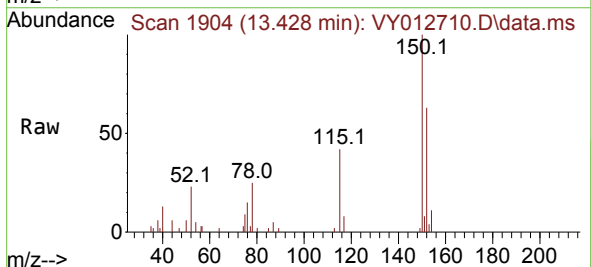
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

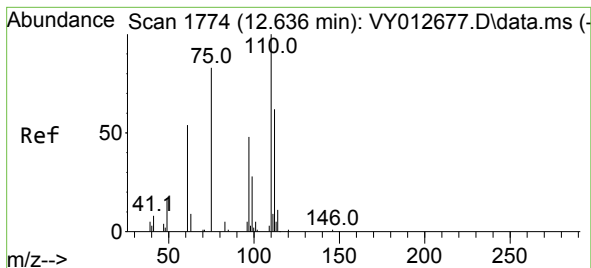
Tgt Ion:117 Resp: 8956
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012710.D
Acq: 23 Feb 2023 17:32

Tgt Ion:152 Resp: 3248
Ion Ratio Lower Upper
152 100
115 55.9 28.7 86.3
150 148.7 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 40.230 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

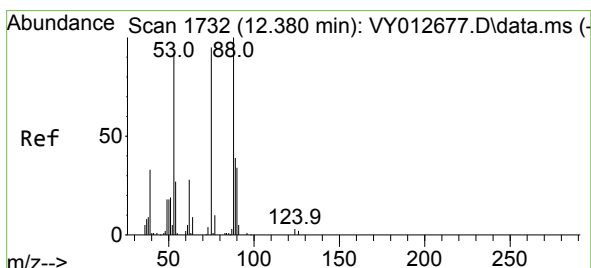
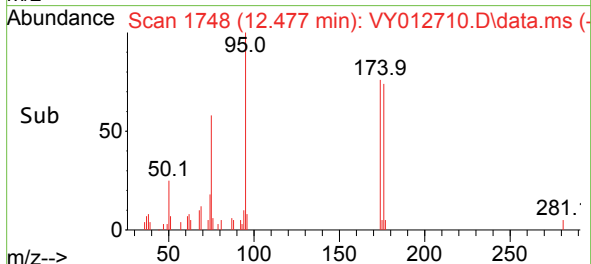
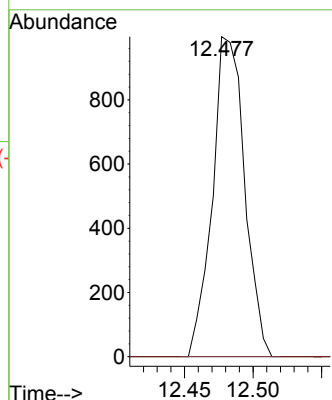
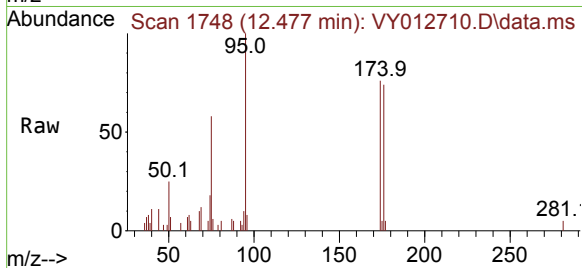
VNJ-231

Tgt Ion: 75 Resp: 1629

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 85.228 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY012710.D

Acq: 23 Feb 2023 17:32

Tgt Ion: 75 Resp: 1629

Ion Ratio Lower Upper

75 100

53 0.0 80.4 120.6#

89 0.0 36.5 54.7#

