

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010253.D
 Acq On : 31 Aug 2022 18:14
 Operator : KP/MD
 Sample : N4424-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Aug 31 23:42:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

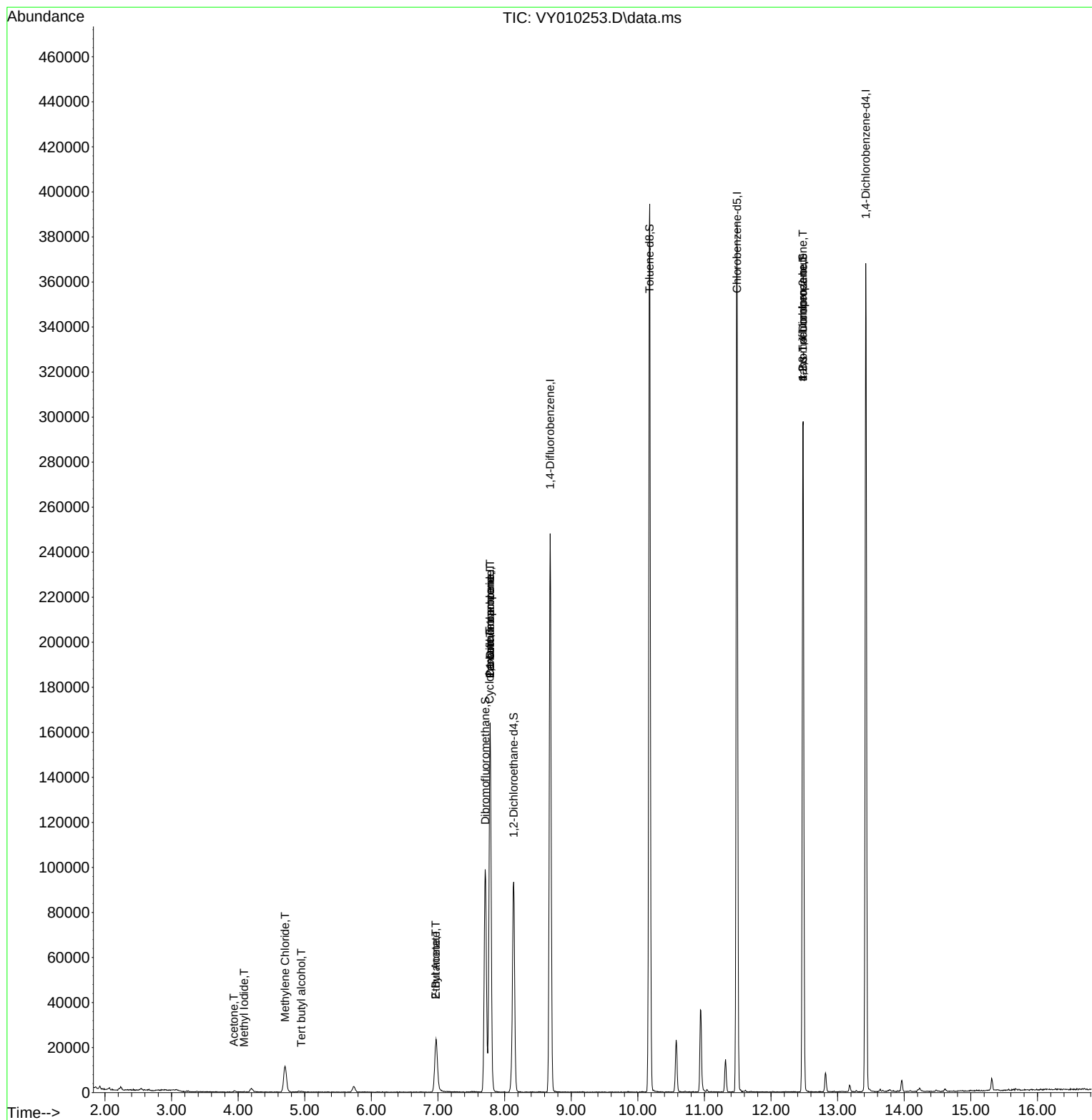
Internal Standards						
1) Pentafluorobenzene	7.782	168	136412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72325	62.849	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.700%			
35) Dibromofluoromethane	7.709	113	70583	55.447	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.900%			
50) Toluene-d8	10.178	98	266664	56.231	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.460%			
62) 4-Bromofluorobenzene	12.477	95	88245	50.091	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.180%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	183	1.552	ug/l #	35
11) Tert butyl alcohol	4.948	59	395	3.437	ug/l #	77
16) Acetone	3.936	43	929	3.847	ug/l	96
20) Methylene Chloride	4.704	84	9581	6.738	ug/l #	81
25) 2-Butanone	6.966	43	1106	2.659	ug/l	96
31) Cyclohexane	7.776	56	2212	1.078	ug/l #	3
36) 1,1-Dichloropropene	7.782	75	8723	4.523	ug/l #	51
37) Ethyl Acetate	6.966	43	1106	1.088	ug/l #	1
38) Carbon Tetrachloride	7.782	117	12585	5.688	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	42152	42.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42152	87.673	ug/l #	7

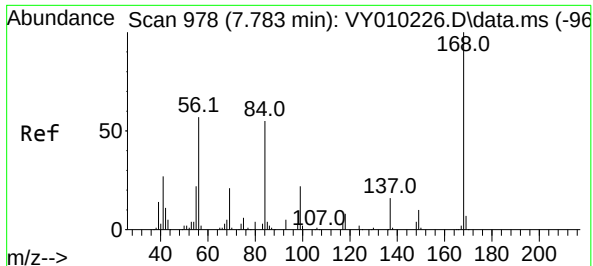
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
Data File : VY010253.D
Acq On : 31 Aug 2022 18:14
Operator : KP/MD
Sample : N4424-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Quant Time: Aug 31 23:42:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 02:23:17 2022
Response via : Initial Calibration

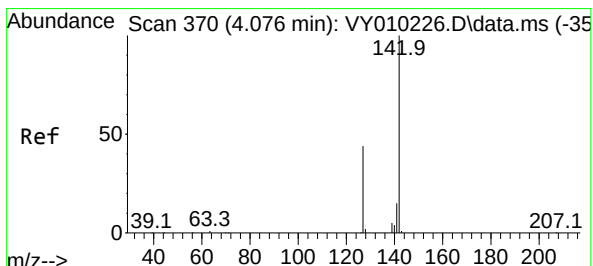
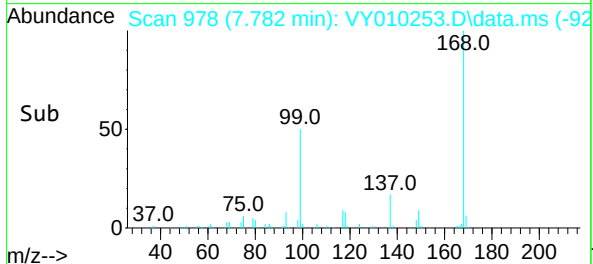
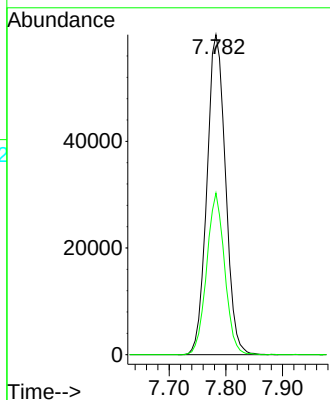
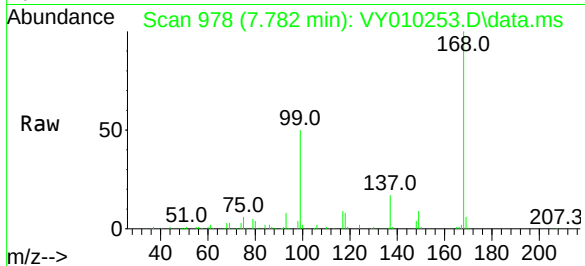




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

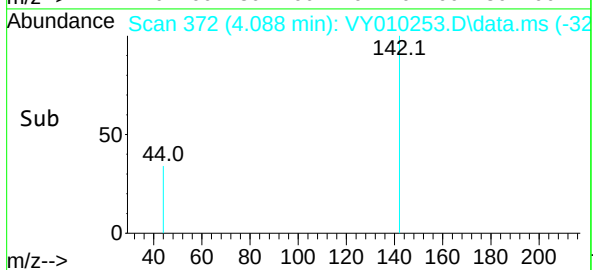
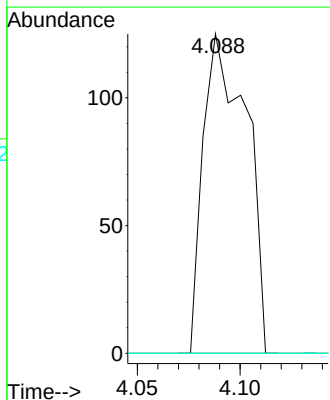
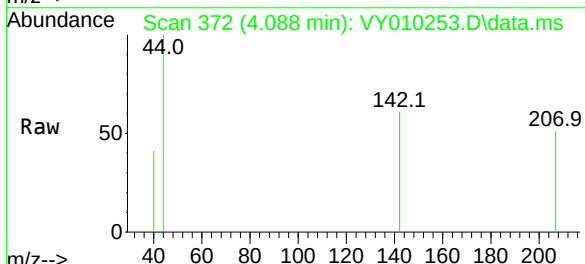
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

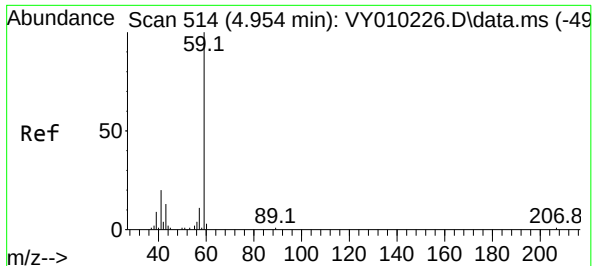
Tgt Ion:168 Resp: 136412
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.552 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

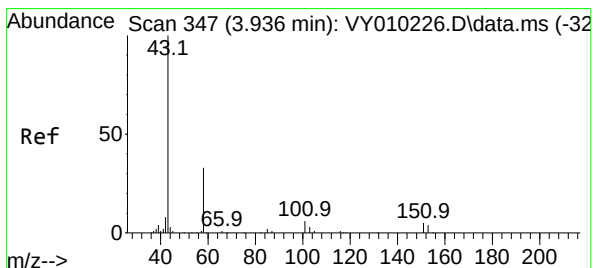
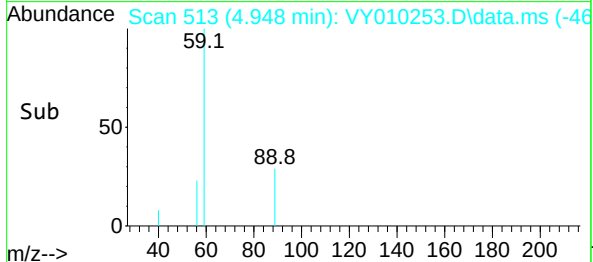
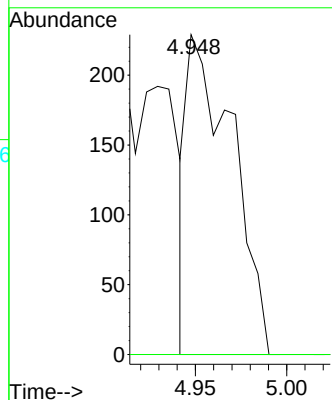
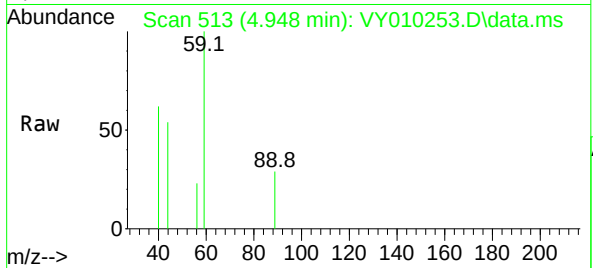




#11
Tert butyl alcohol
Concen: 3.437 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.007 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

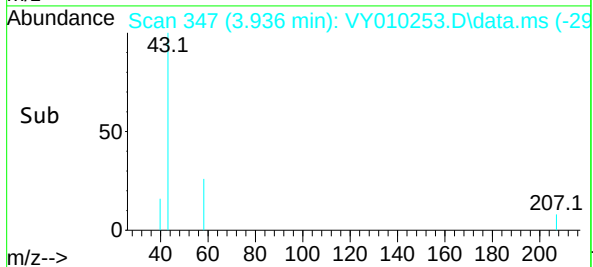
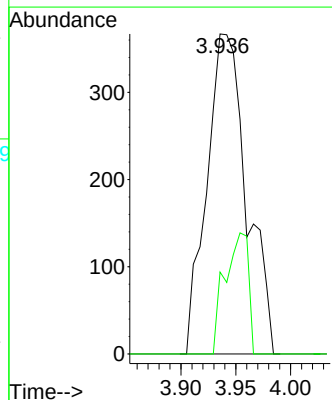
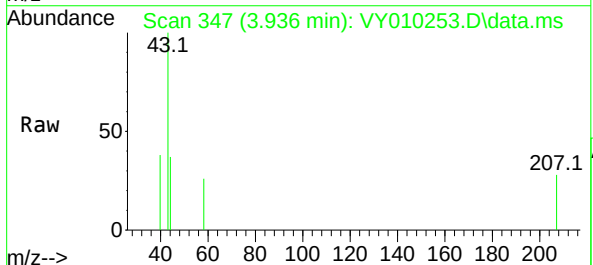
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

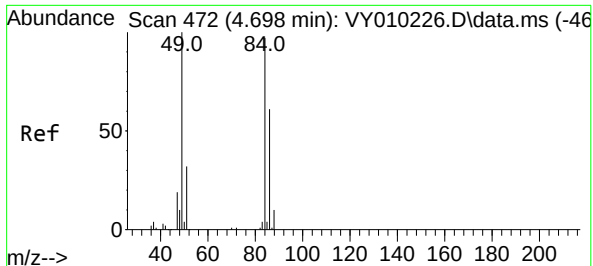
Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.847 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0

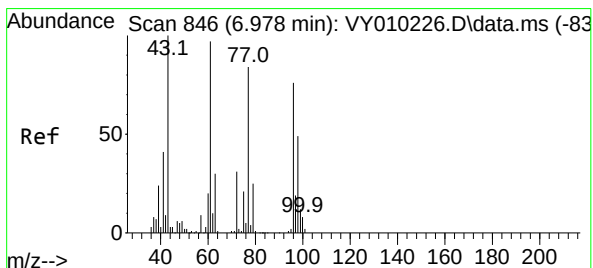
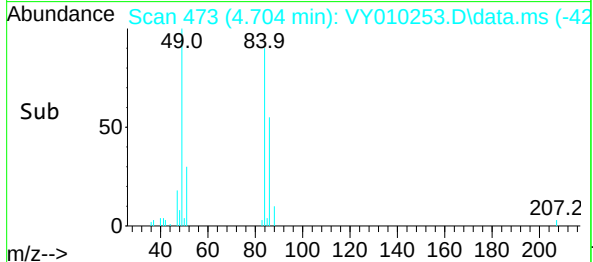
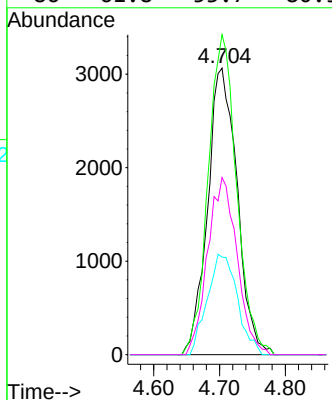
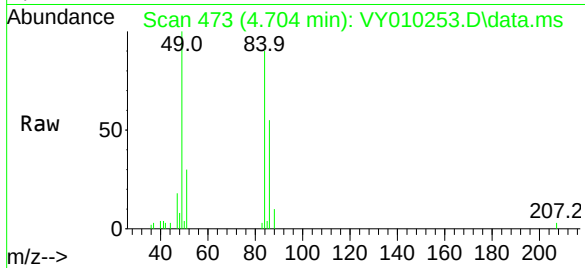




#20
Methylene Chloride
Concen: 6.738 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

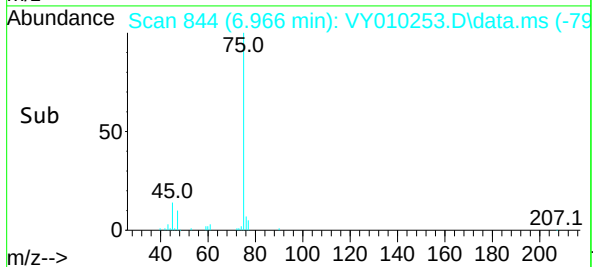
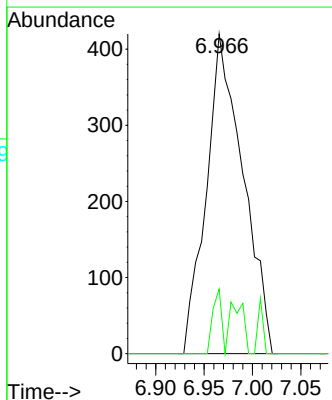
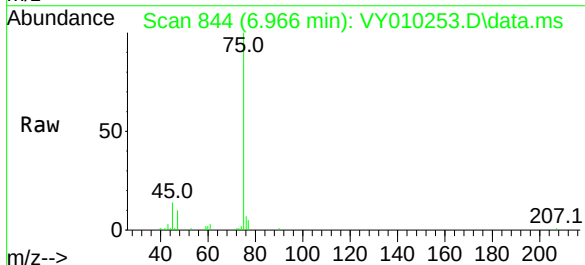
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

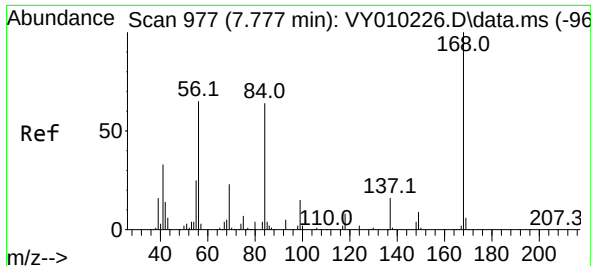
Tgt Ion: 84 Resp: 9581
Ion Ratio Lower Upper
84 100
49 111.7 114.4 171.6#
51 34.1 35.3 52.9#
86 61.8 53.7 80.5



#25
2-Butanone
Concen: 2.659 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.013 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5

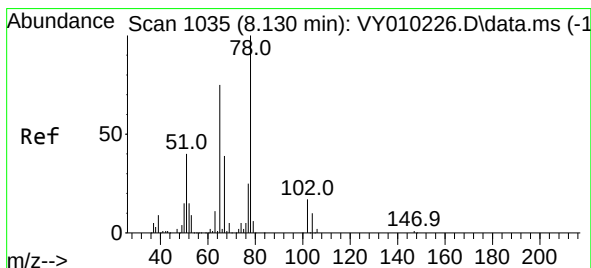
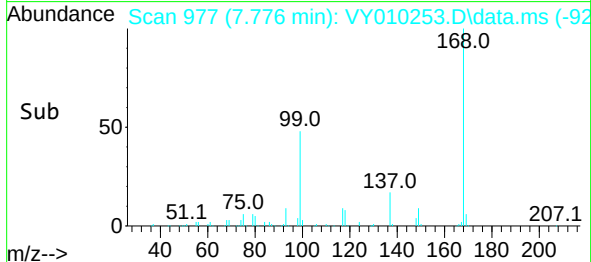
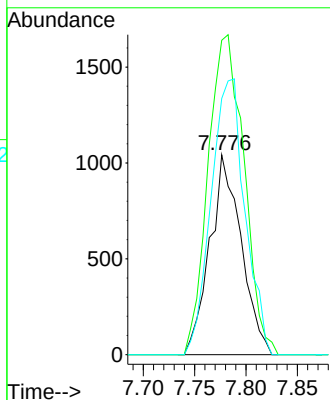
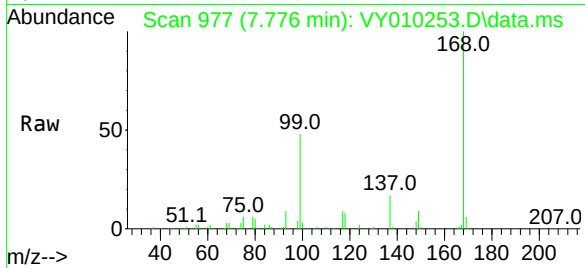




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

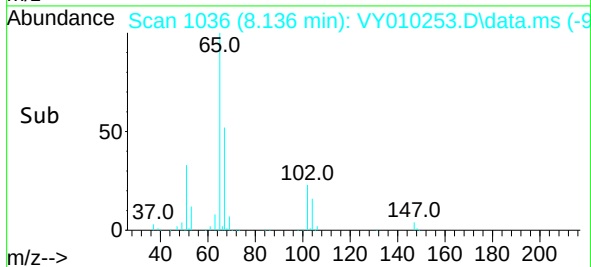
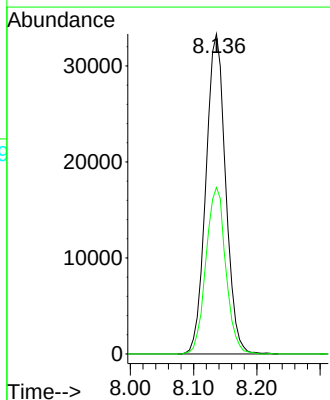
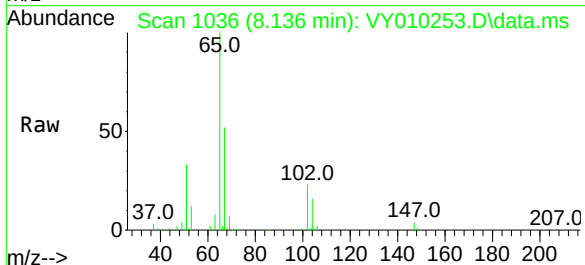
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

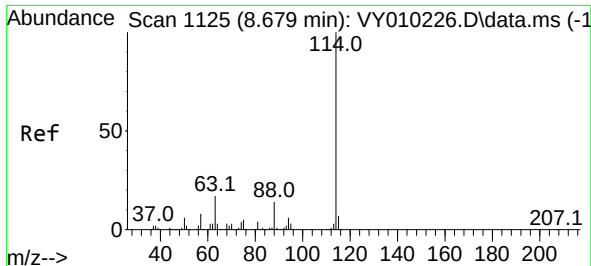
Tgt Ion: 56 Resp: 2212
Ion Ratio Lower Upper
56 100
69 157.4 26.7 40.1#
84 128.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.849 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 65 Resp: 72325
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

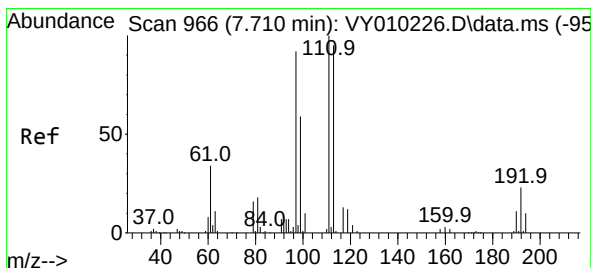
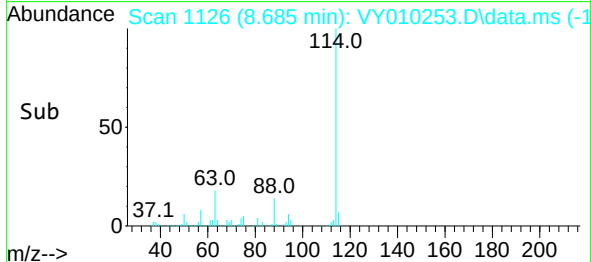
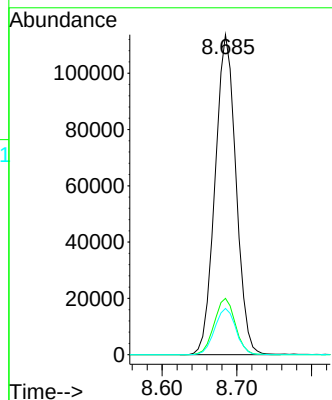
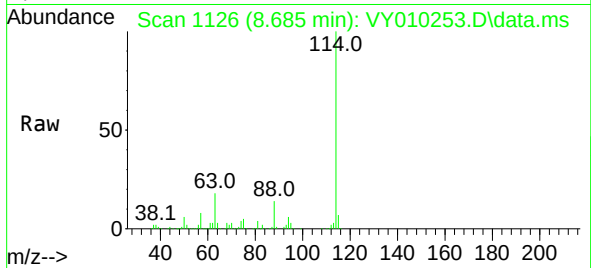




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

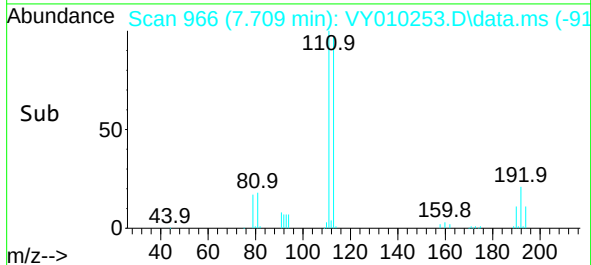
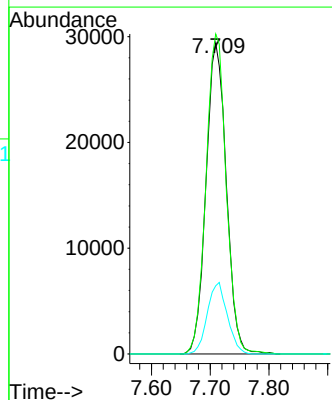
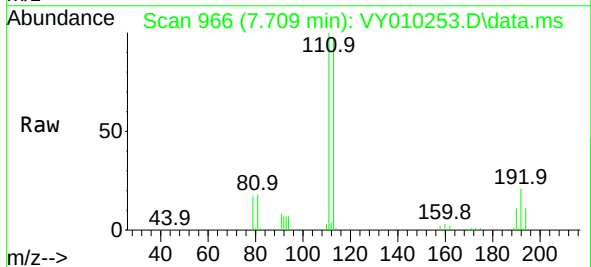
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

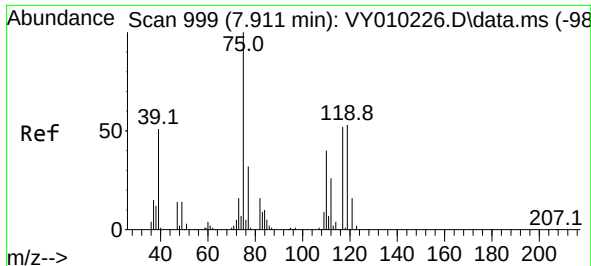
Tgt Ion:114 Resp: 221118
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.447 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion:113 Resp: 70583
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.6 17.6 26.4

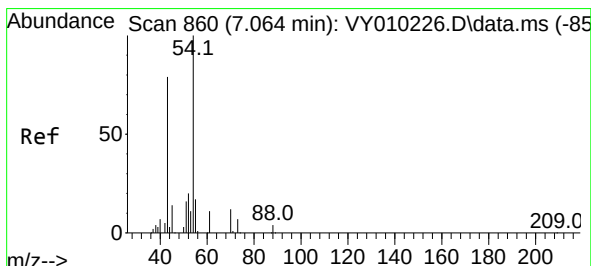
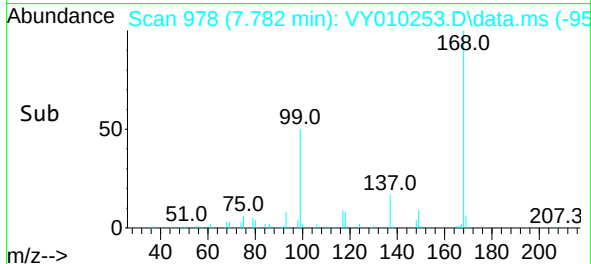
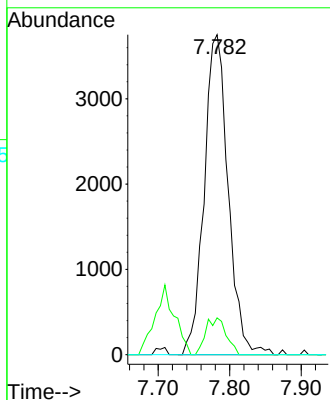
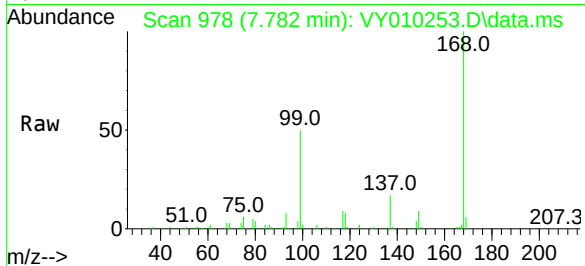




#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

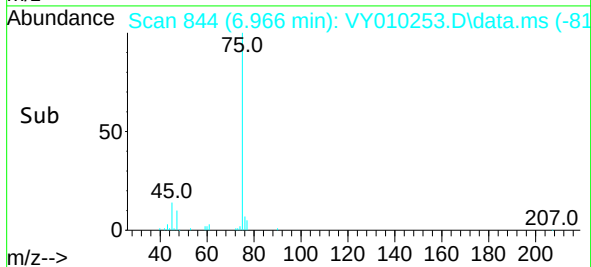
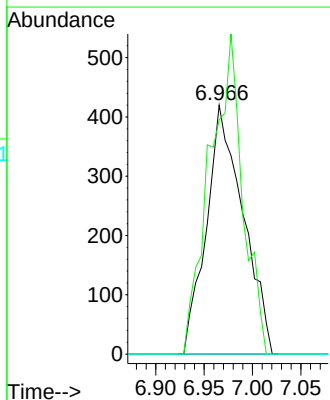
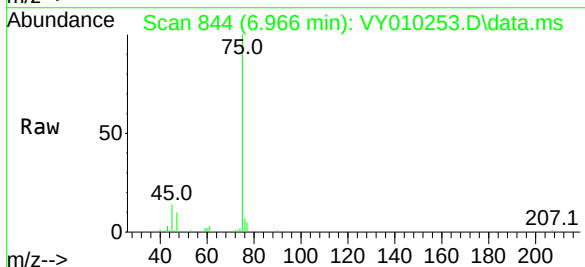
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

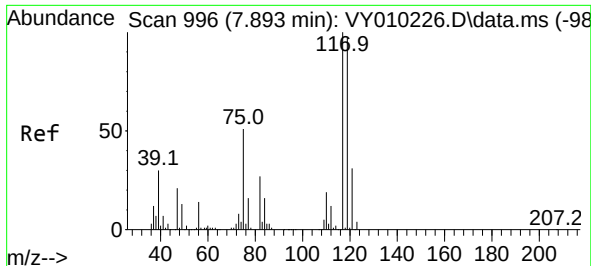
Tgt Ion: 75 Resp: 8723
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.088 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.098 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
61 115.3 9.7 14.5#
70 0.0 7.1 10.7#

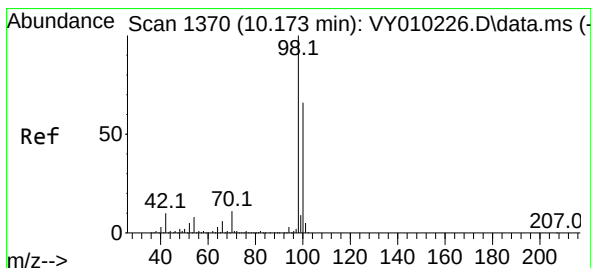
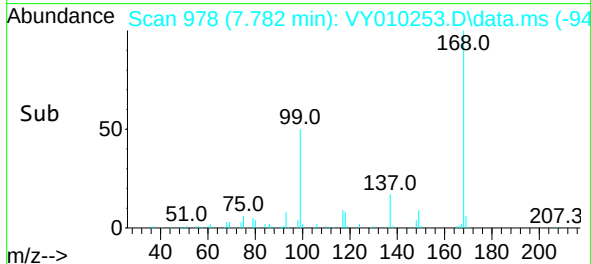
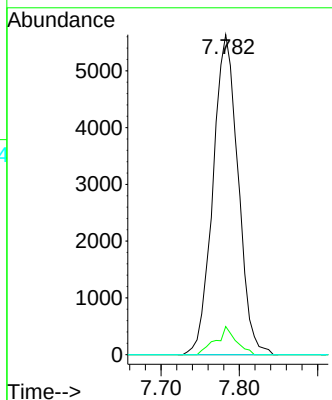
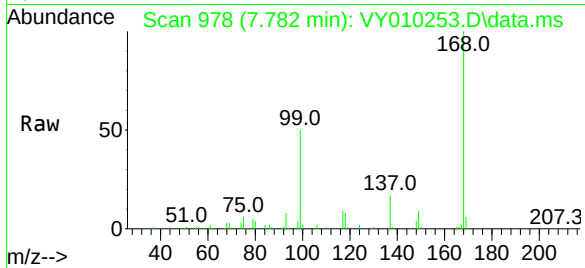




#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

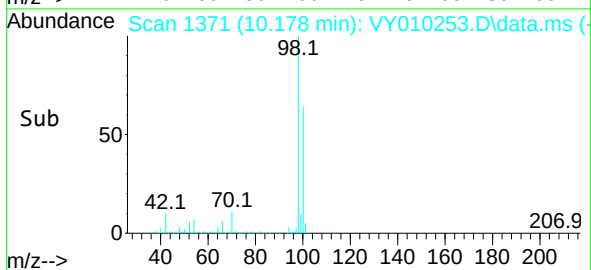
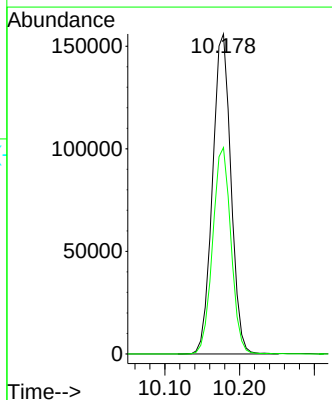
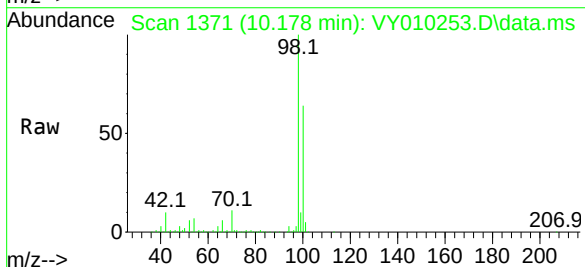
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

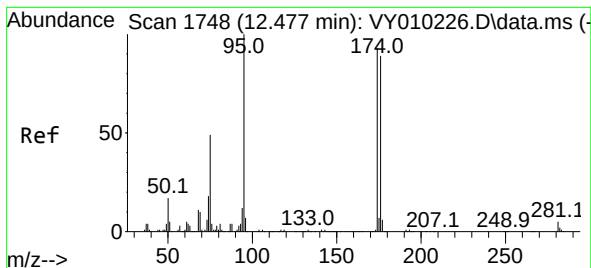
Tgt Ion:117 Resp: 12585
Ion Ratio Lower Upper
117 100
119 8.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.231 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 98 Resp: 266664
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

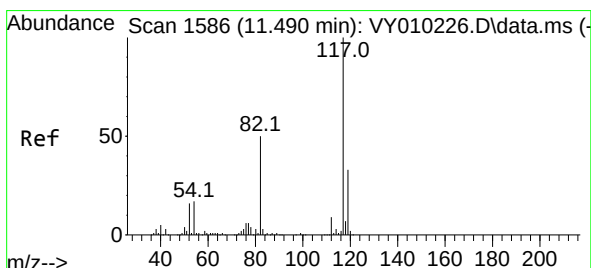
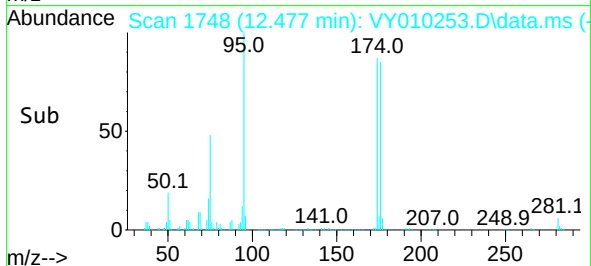
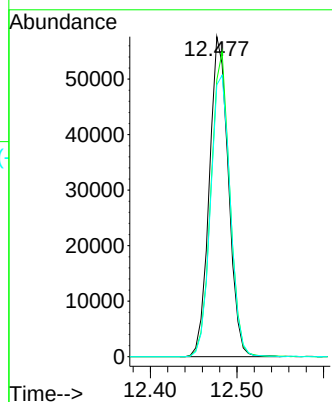
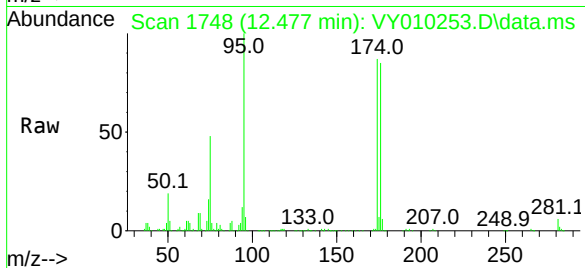




#62
4-Bromofluorobenzene
Concen: 50.091 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

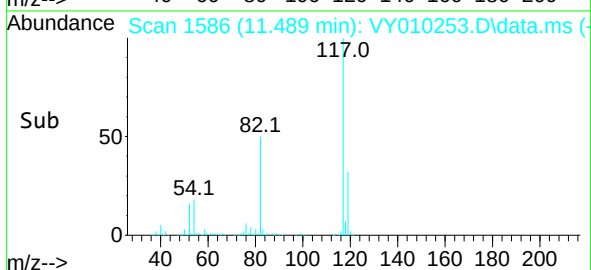
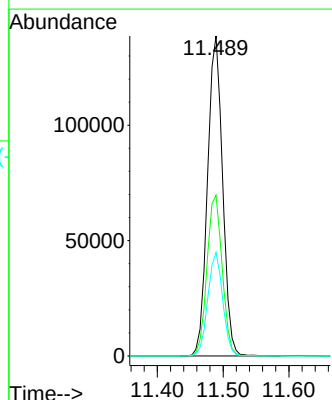
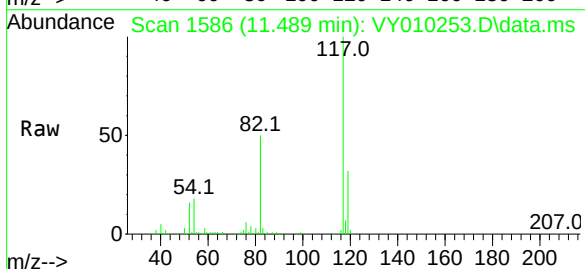
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

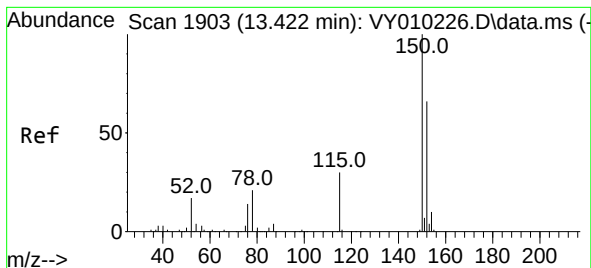
Tgt Ion: 95 Resp: 88245
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 90.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010253.D
Acq: 31 Aug 2022 18:14

Tgt Ion: 117 Resp: 220913
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010253.D

Acq: 31 Aug 2022 18:14

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

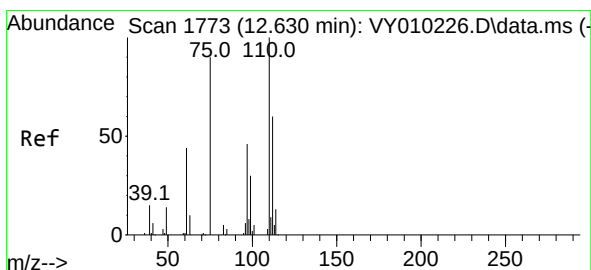
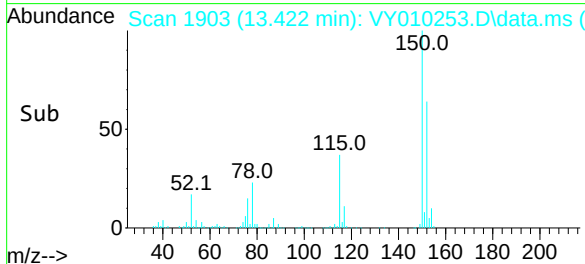
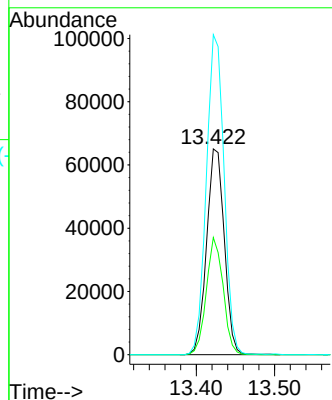
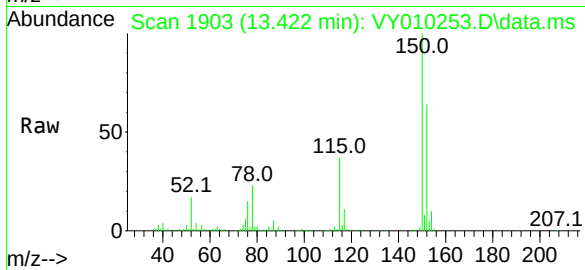
Tgt Ion:152 Resp: 102011

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 155.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 42.023 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010253.D

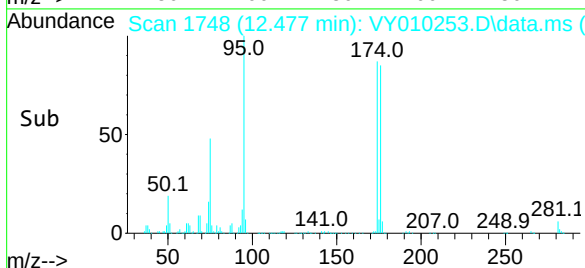
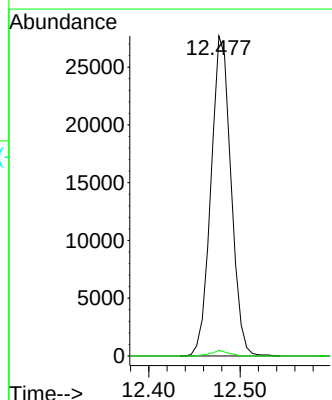
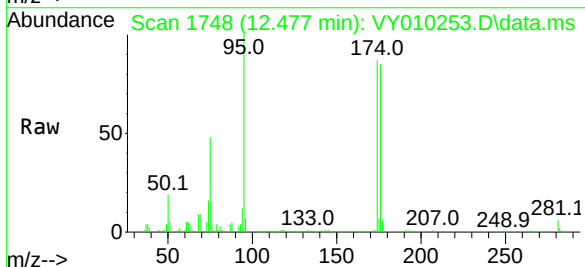
Acq: 31 Aug 2022 18:14

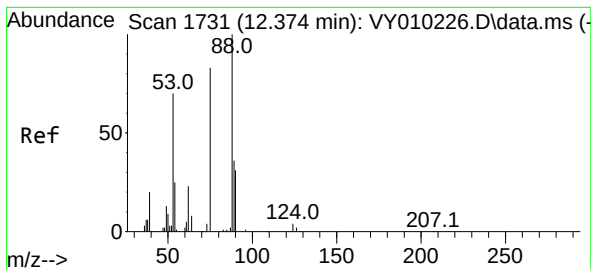
Tgt Ion: 75 Resp: 42152

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.673 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010253.D
 Acq: 31 Aug 2022 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Tgt Ion: 75 Resp: 42152
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

