

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005867.D
 Acq On : 26 Aug 2021 17:38
 Operator : SY/MD
 Sample : M3548-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Aug 27 03:26:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

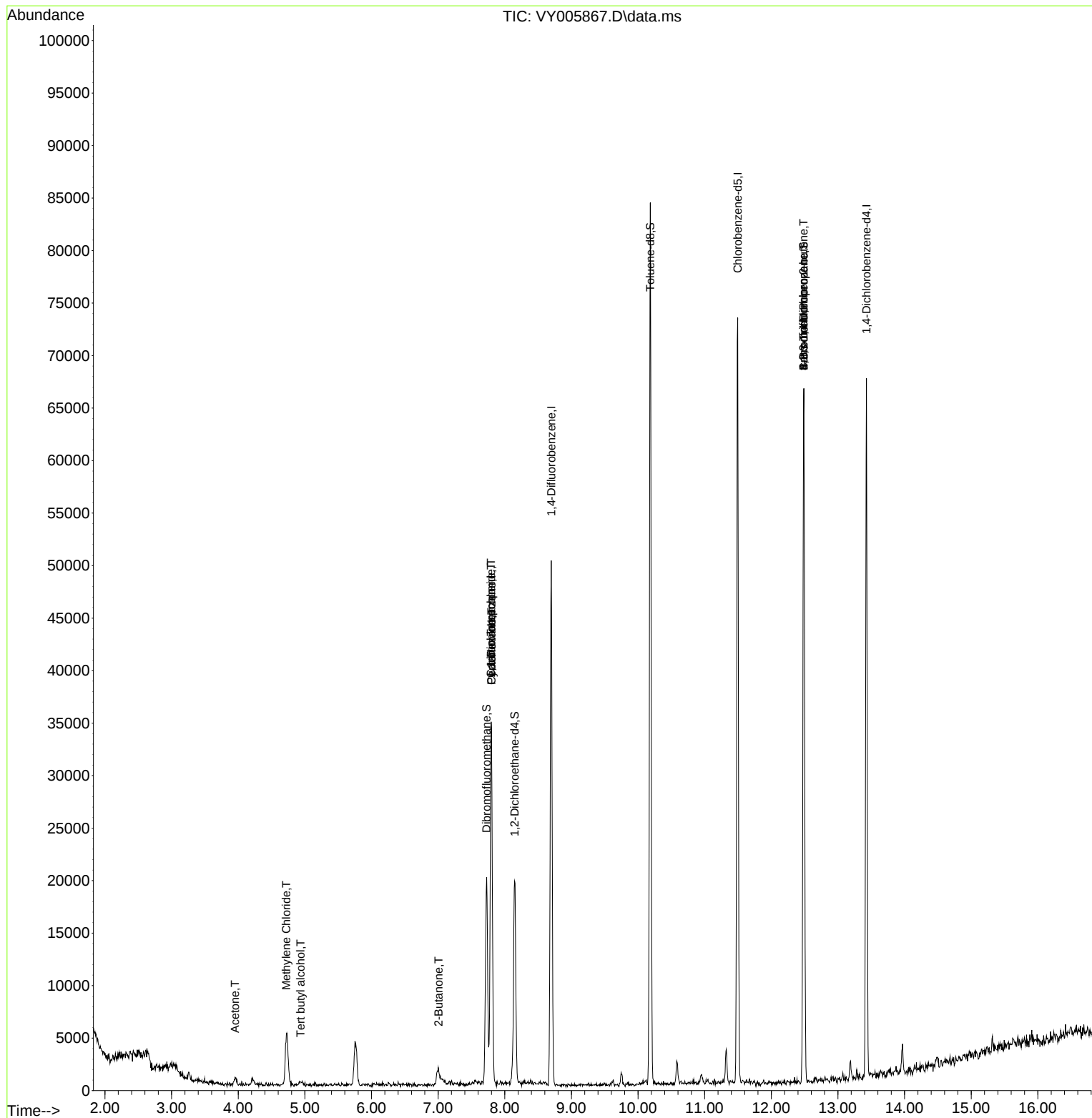
Internal Standards						
1) Pentafluorobenzene	7.801	168	28549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	42937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	39816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15619	54.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.100%			
35) Dibromofluoromethane	7.728	113	13022	54.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.340%			
50) Toluene-d8	10.185	98	53862	53.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.840%			
62) 4-Bromofluorobenzene	12.483	95	15422	46.192	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	405	14.177	ug/l #	73
16) Acetone	3.954	43	1337	18.350	ug/l #	24
20) Methylene Chloride	4.722	84	3864	8.325	ug/l #	81
25) 2-Butanone	7.009	43	120	1.114	ug/l #	48
31) Cyclohexane	7.801	56	670	1.352	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	2060	5.115	ug/l #	46
38) Carbon Tetrachloride	7.795	117	2721	6.217	ug/l #	19
71) Bromoform	12.483	173	216	1.105	ug/l #	29
76) 1,2,3-Trichloropropane	12.483	75	8297	48.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8297	97.493	ug/l #	11

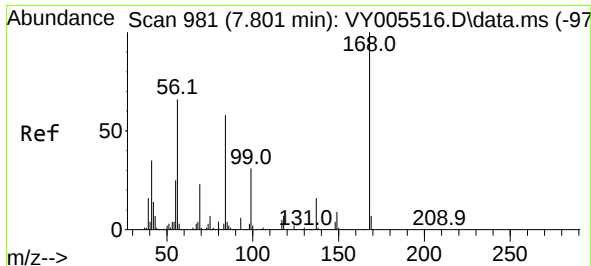
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
Data File : VY005867.D
Acq On : 26 Aug 2021 17:38
Operator : SY/MD
Sample : M3548-01
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Quant Time: Aug 27 03:26:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

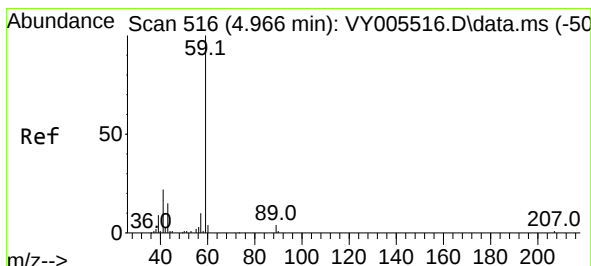
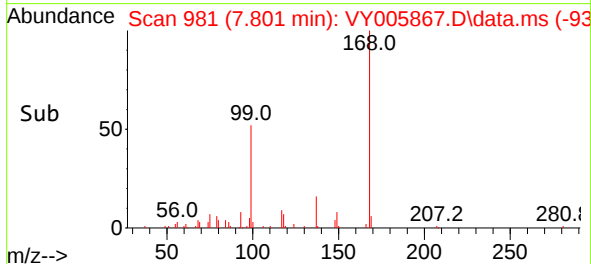
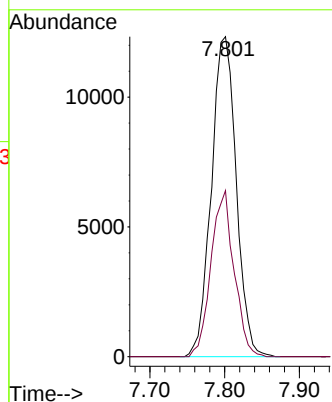
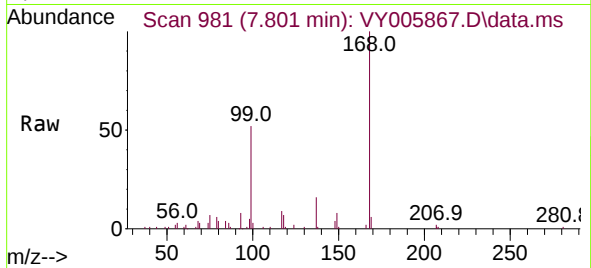




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

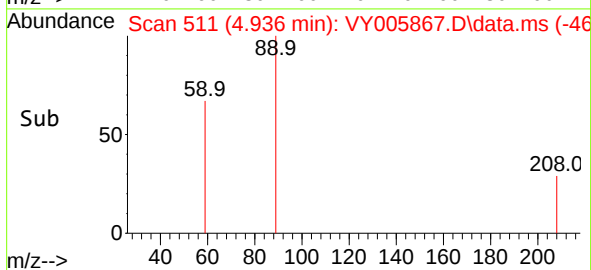
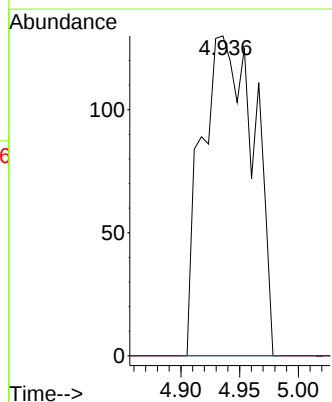
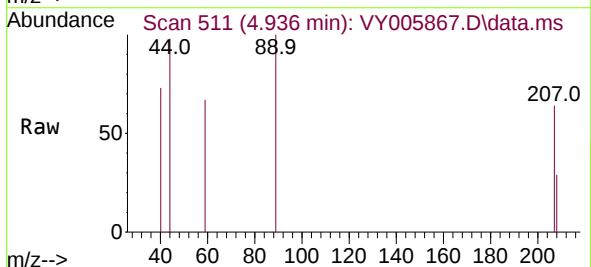
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

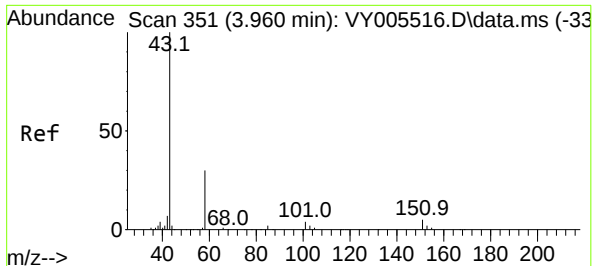
Tgt Ion:168 Resp: 28549
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 14.177 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

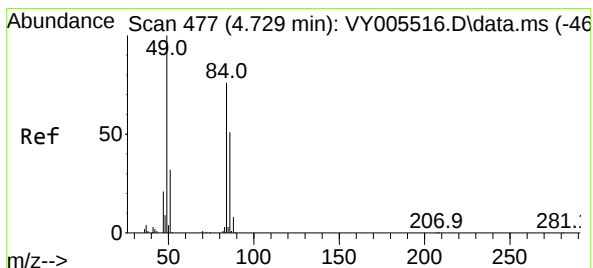
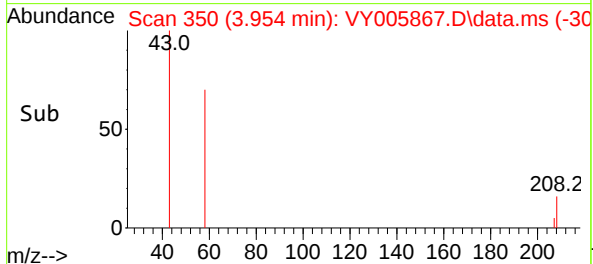
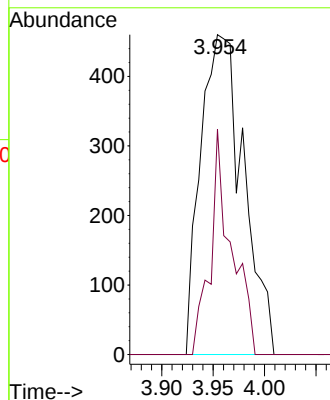
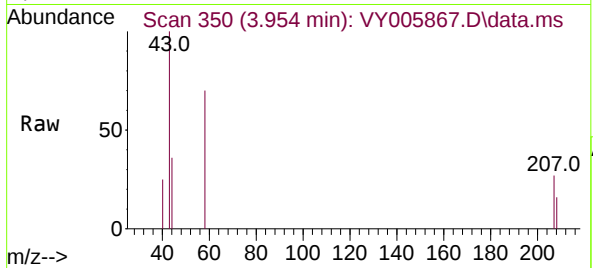




#16
Acetone
Concen: 18.350 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

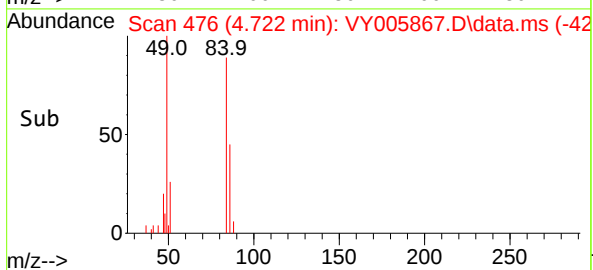
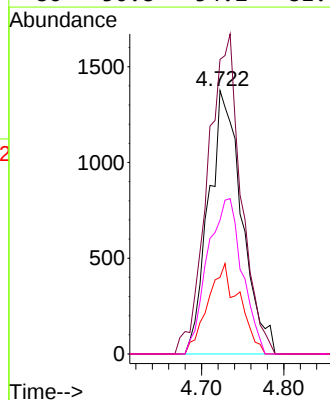
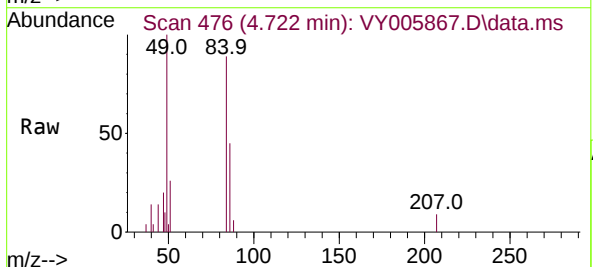
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

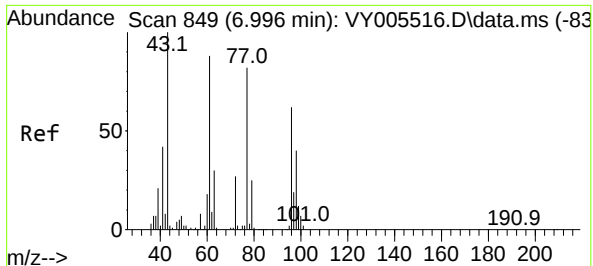
Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
58 70.4 23.8 35.6#



#20
Methylene Chloride
Concen: 8.325 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 84 Resp: 3864
Ion Ratio Lower Upper
84 100
49 111.9 105.8 158.6
51 29.1 33.4 50.2#
86 50.8 54.2 81.4#





#25

2-Butanone

Concen: 1.114 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY005867.D

Acq: 26 Aug 2021 17:38

Instrument :

MSVOA_Y

ClientSampleId :

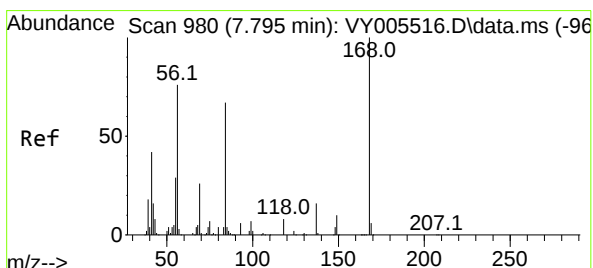
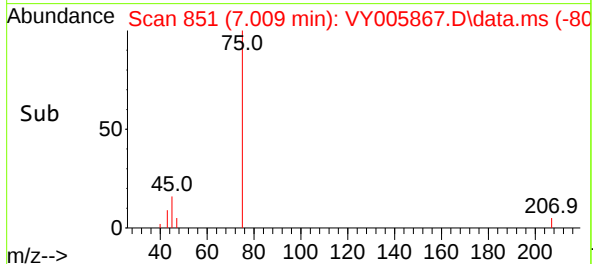
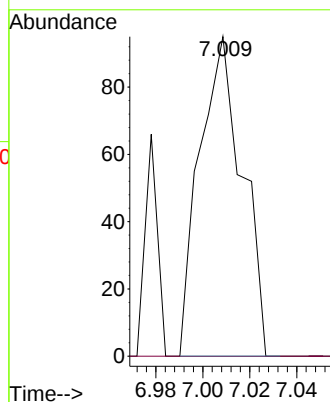
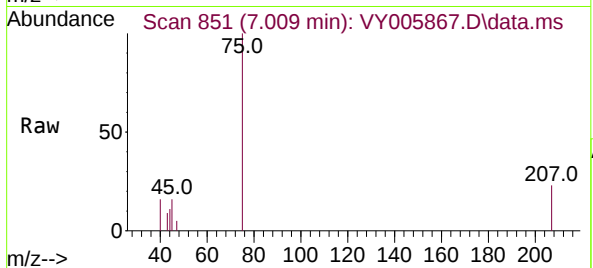
VNJ-235

Tgt Ion: 43 Resp: 120

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.352 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005867.D

Acq: 26 Aug 2021 17:38

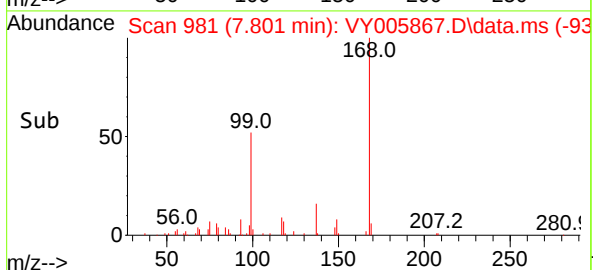
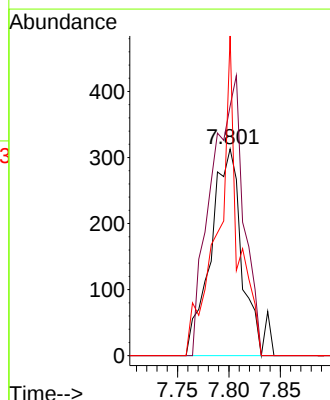
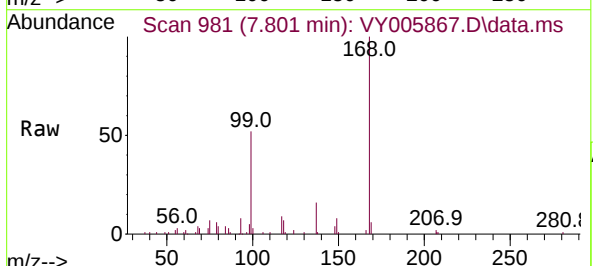
Tgt Ion: 56 Resp: 670

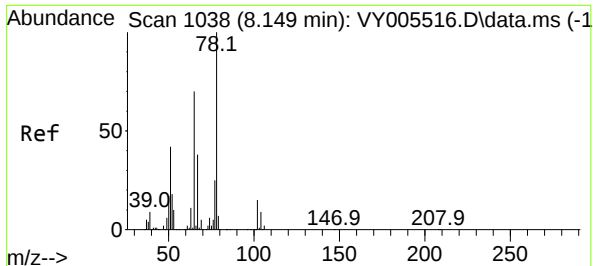
Ion Ratio Lower Upper

56 100

69 120.8 27.7 41.5#

84 154.6 70.9 106.3#

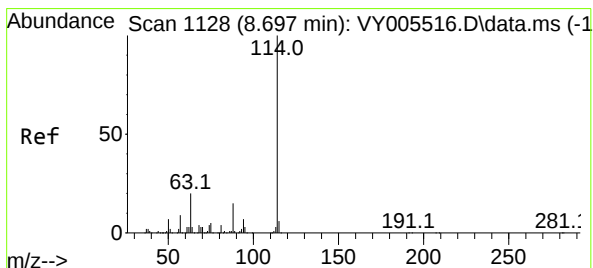
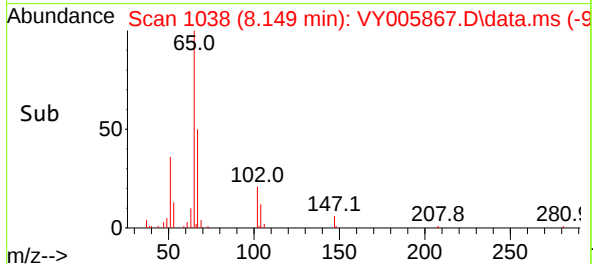
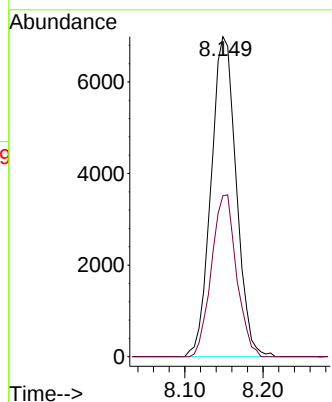
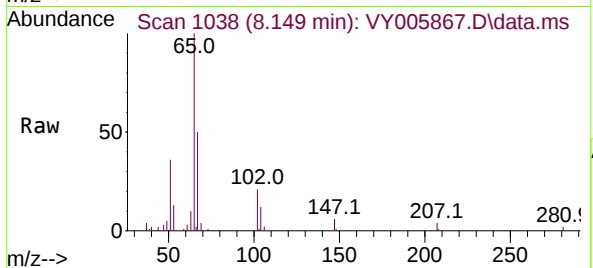




#33
1,2-Dichloroethane-d4
Concen: 54.047 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

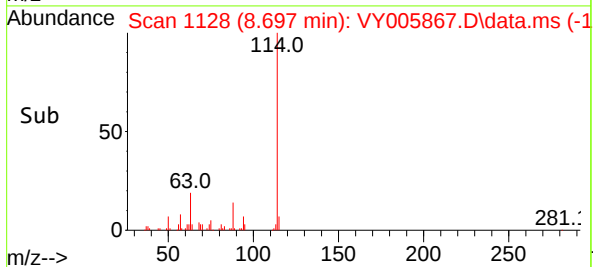
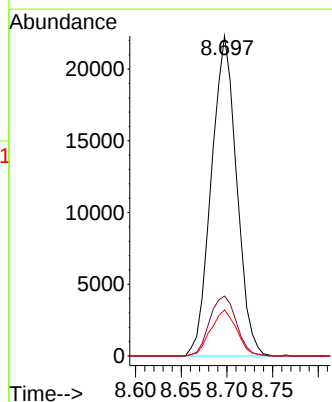
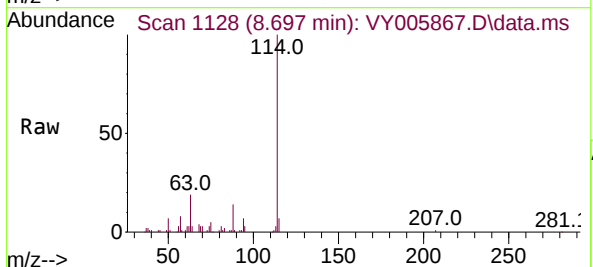
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

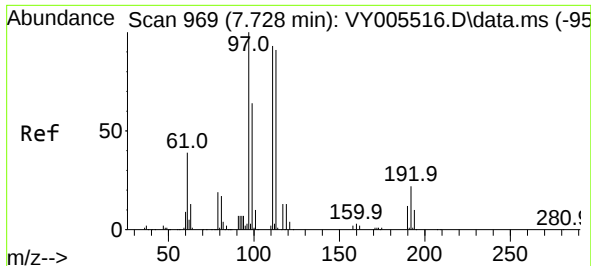
Tgt Ion: 65 Resp: 15619
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 114 Resp: 42937
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 14.4 0.0 30.8

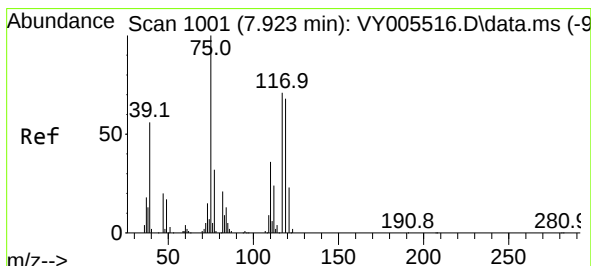
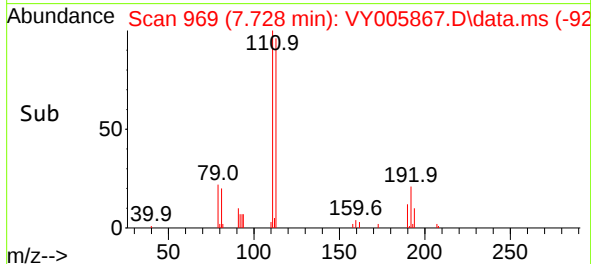
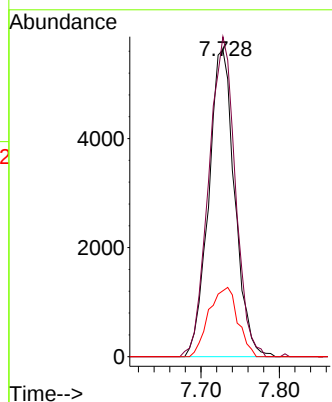
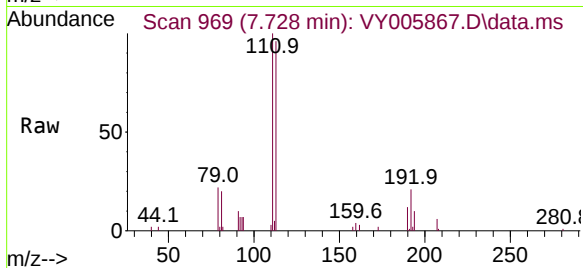




#35
Dibromofluoromethane
Concen: 54.169 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

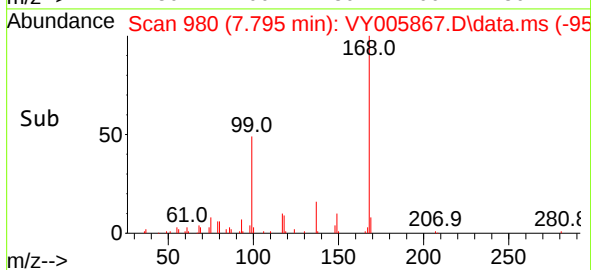
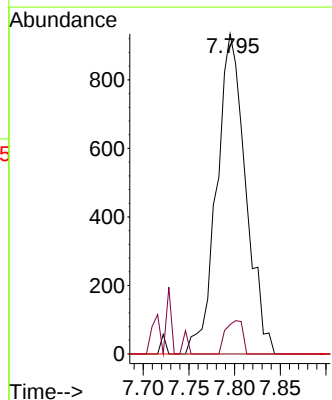
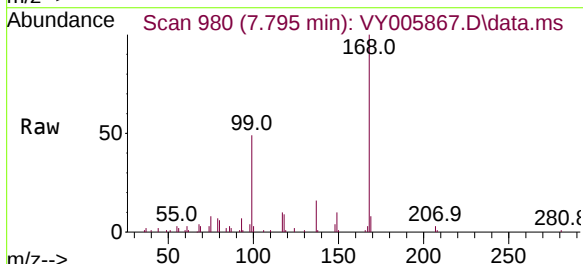
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

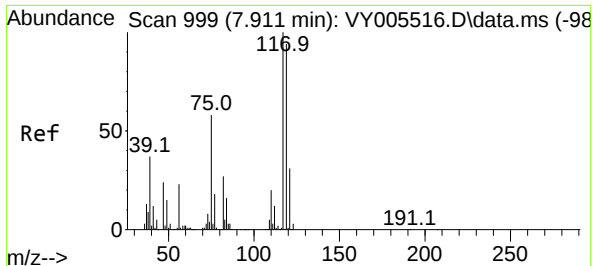
Tgt Ion:	113	Resp:	13022
Ion	Ratio	Lower	Upper
113	100		
111	106.5	81.9	122.9
192	25.0	19.2	28.8



#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion:	75	Resp:	2060
Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.1	54.1#
77	0.0	25.1	37.7#

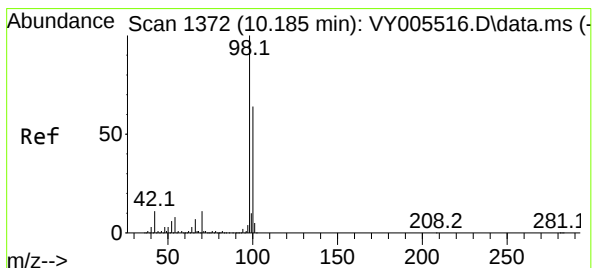
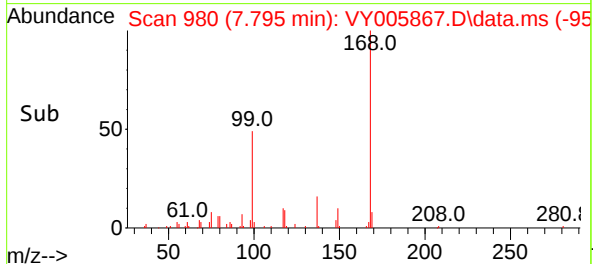
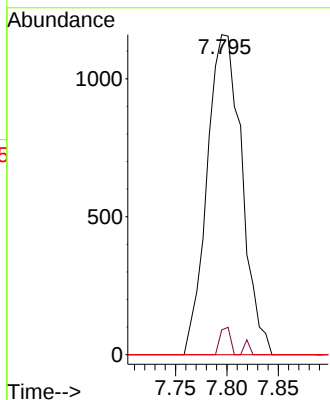
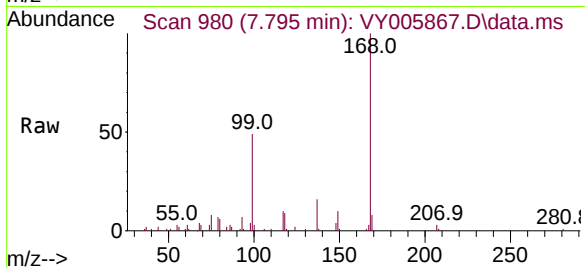




#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

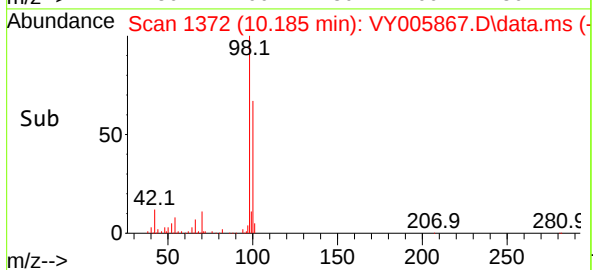
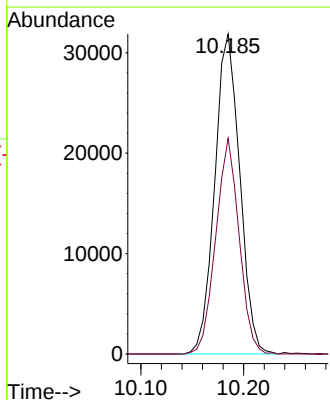
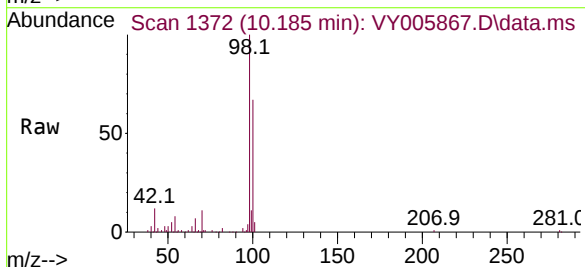
Instrument :
MSVOA_Y
ClientSampled :
VNJ-235

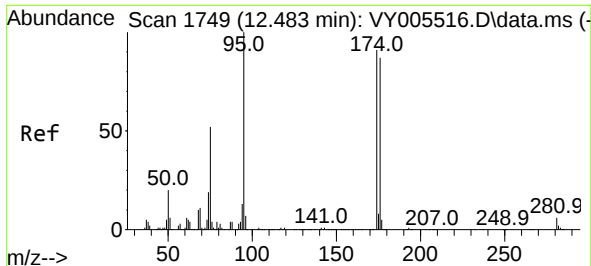
Tgt Ion:117 Resp: 2721
Ion Ratio Lower Upper
117 100
119 7.8 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.424 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 98 Resp: 53862
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9

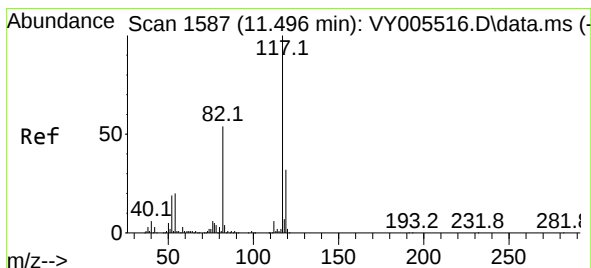
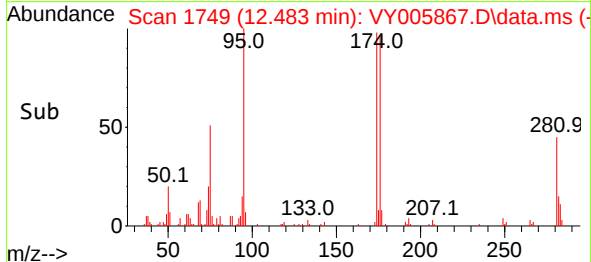
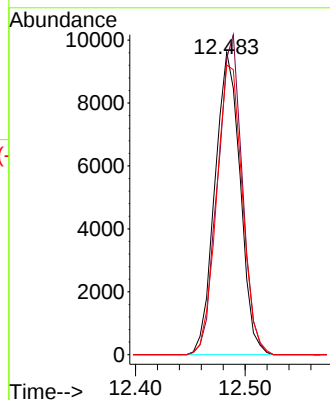
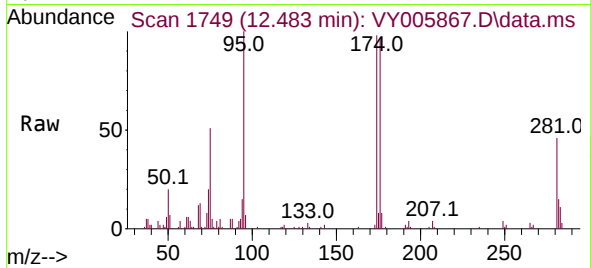




#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

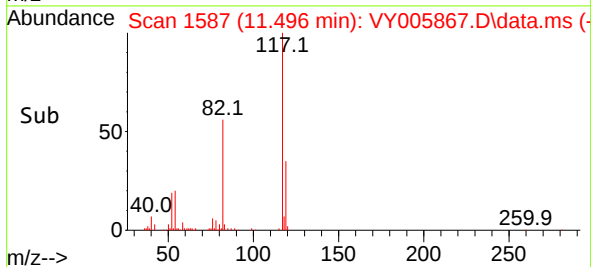
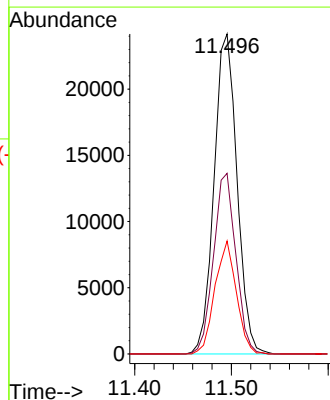
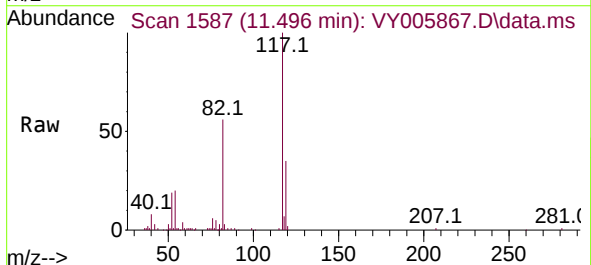
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

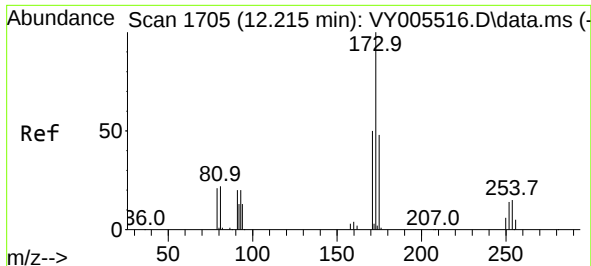
Tgt Ion: 95 Resp: 15422
Ion Ratio Lower Upper
95 100
174 102.1 0.0 191.4
176 97.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 117 Resp: 39816
Ion Ratio Lower Upper
117 100
82 56.5 43.5 65.3
119 35.3 25.5 38.3

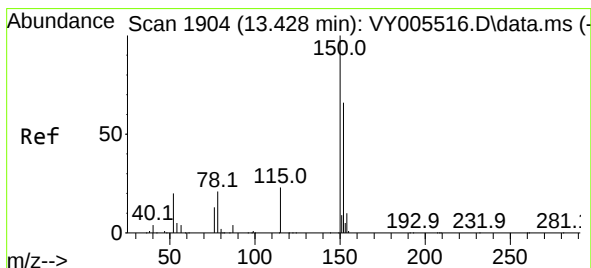
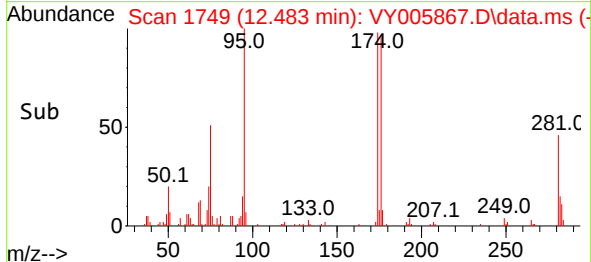
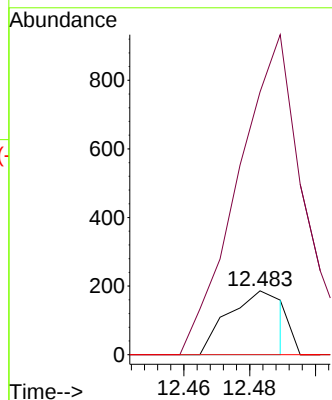
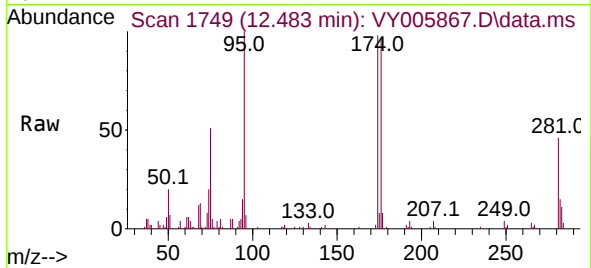




#71
Bromoform
Concen: 1.105 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.268 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

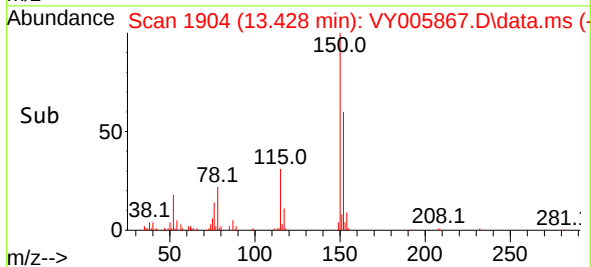
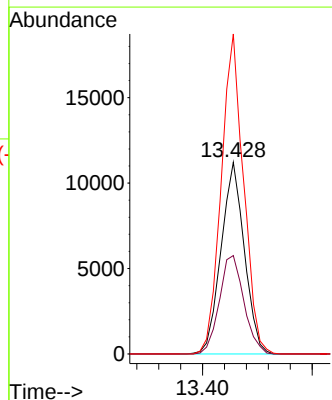
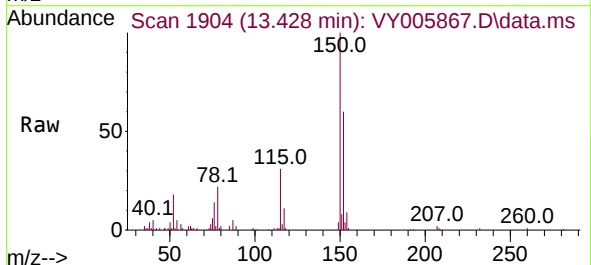
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

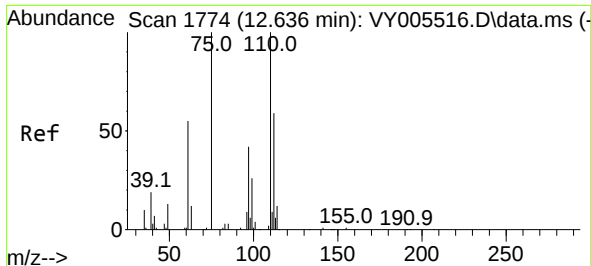
Tgt Ion:173 Resp: 216
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion:152 Resp: 16555
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 160.0 0.0 350.2

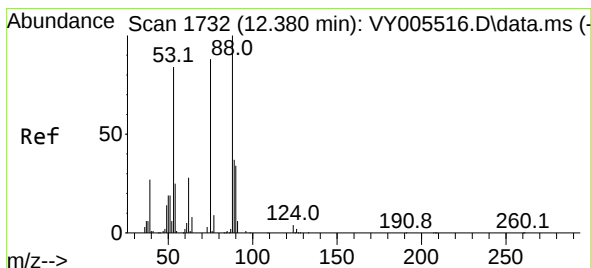
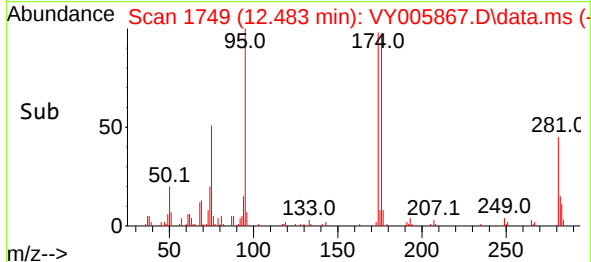
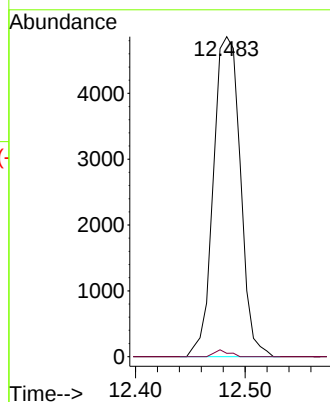
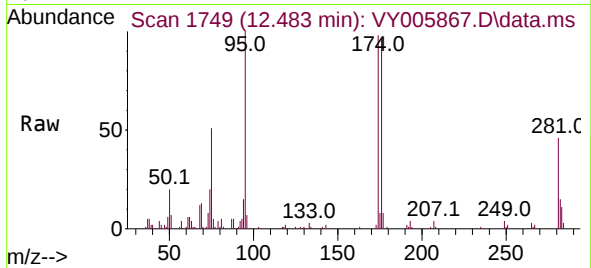




#76
1,2,3-Trichloropropane
Concen: 48.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Tgt Ion: 75 Resp: 8297
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005867.D
Acq: 26 Aug 2021 17:38

Tgt Ion: 75 Resp: 8297
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

