

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003922.D
 Acq On : 14 Jan 2021 16:28
 Operator : SY/MD
 Sample : M1125-05
 Misc : 3.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215

Quant Time: Jan 15 00:58:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

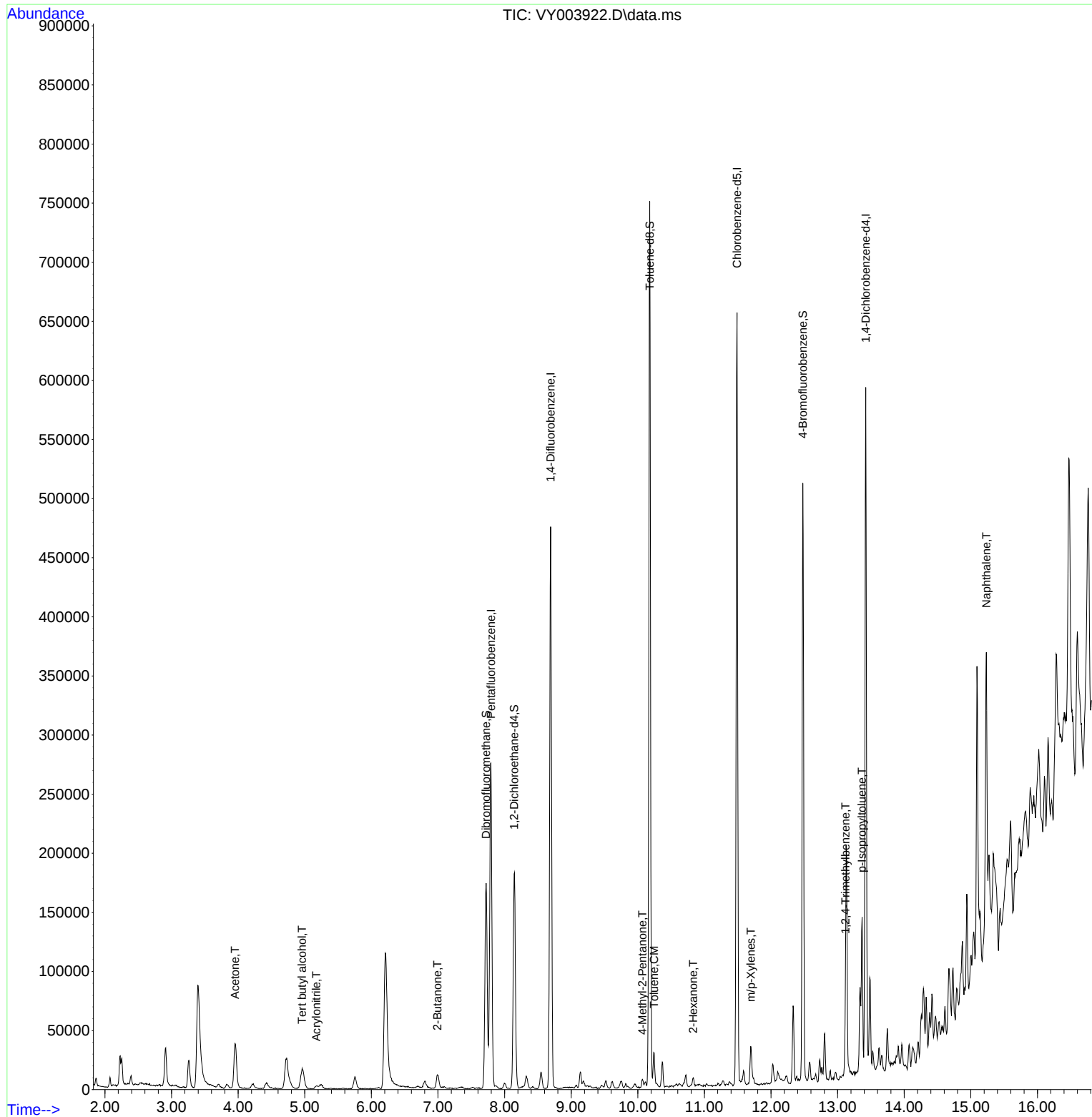
Internal Standards						
1) Pentafluorobenzene	7.795	168	215895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	378950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139229	41.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.04%
35) Dibromofluoromethane	7.722	113	120873	39.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.06%
50) Toluene-d8	10.179	98	463993	36.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.94%
62) 4-Bromofluorobenzene	12.477	95	147836	32.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.50%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	34210	98.11	ug/l	97
15) Acrylonitrile	5.173	53	3344	3.69	ug/l	97
16) Acetone	3.954	43	68833	83.00	ug/l	99
25) 2-Butanone	6.990	43	19878	15.38	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	5482	1.56	ug/l	93
52) Toluene	10.246	92	10612	1.18	ug/l	92
59) 2-Hexanone	10.831	43	5595	2.28	ug/l	84
68) m/p-Xylenes	11.697	106	8214	1.35	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	19999	1.87	ug/l	93
86) p-Isopropyltoluene	13.367	119	67929	5.74	ug/l	93
95) Naphthalene	15.233	128	193065	27.03	ug/l	99

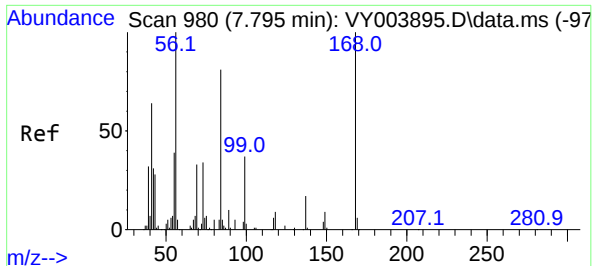
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
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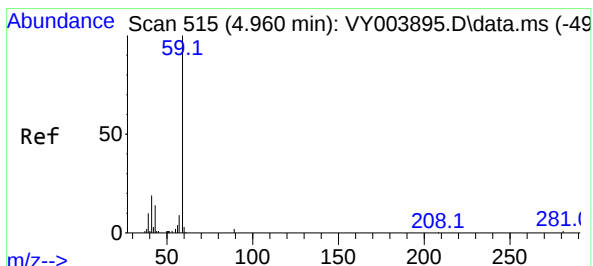
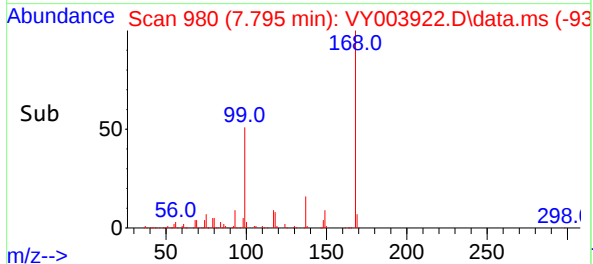
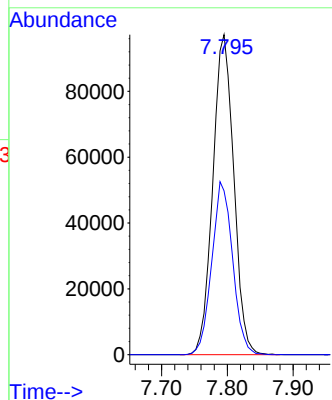
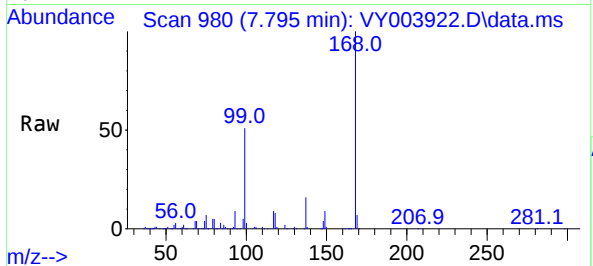




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

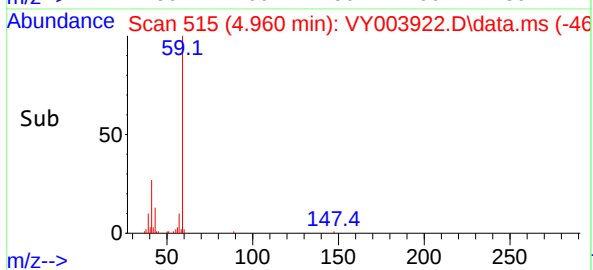
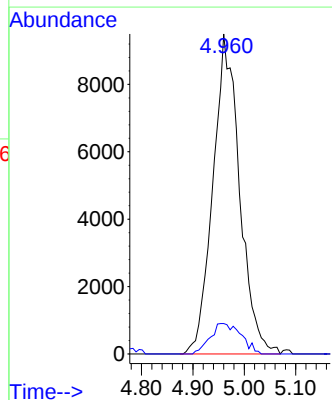
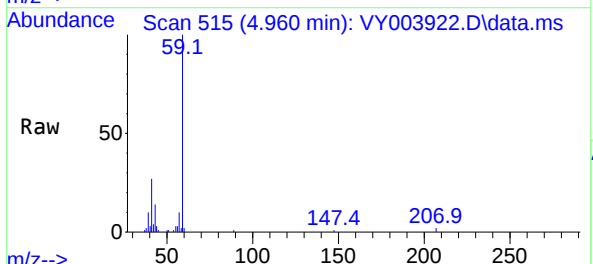
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

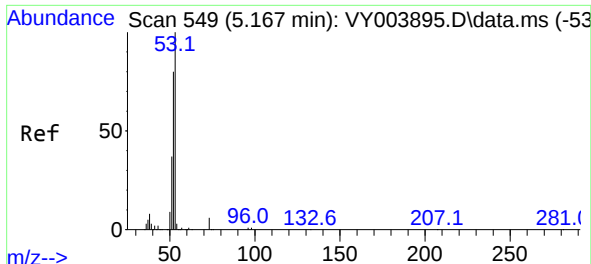
Tgt Ion:168 Resp: 215895
Ion Ratio Lower Upper
168 100
99 51.2 40.4 60.6



#11
Tert butyl alcohol
Concen: 98.11 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion: 59 Resp: 34210
Ion Ratio Lower Upper
59 100
57 11.1 7.9 11.9





#15

Acrylonitrile

Concen: 3.69 ug/l

RT: 5.173 min Scan# 550

Delta R.T. 0.006 min

Lab File: VY003922.D

Acq: 14 Jan 2021 16:28

Instrument :

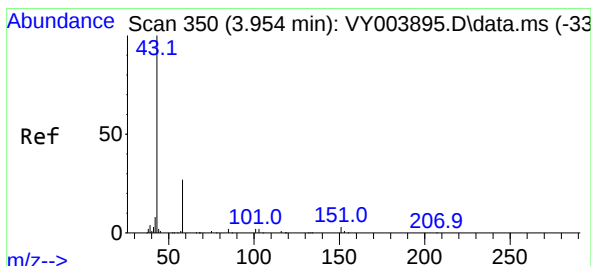
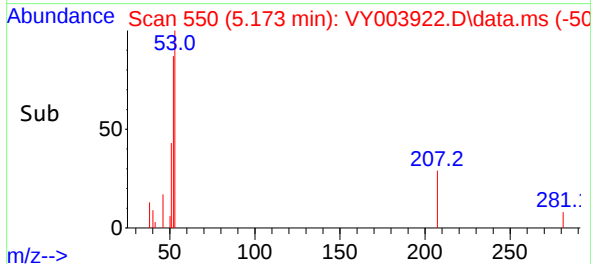
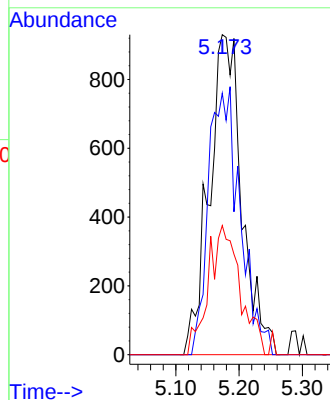
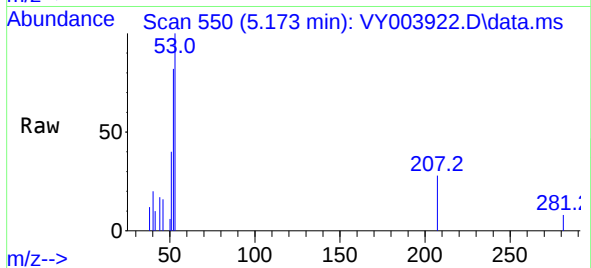
MSVOA_Y

ClientSampleId :

VNJ-215

Tgt Ion: 53 Resp: 3344

Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.4	98.2
51	39.3	29.0	43.6



#16

Acetone

Concen: 83.00 ug/l

RT: 3.954 min Scan# 350

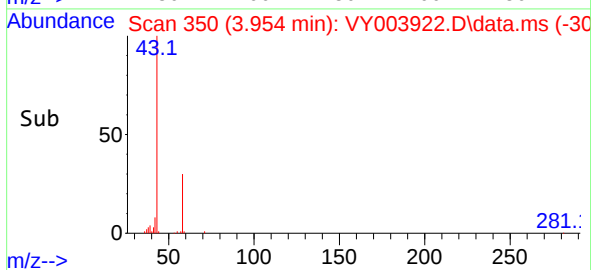
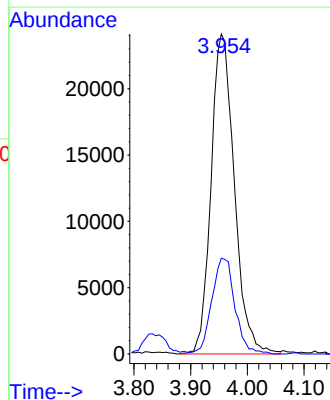
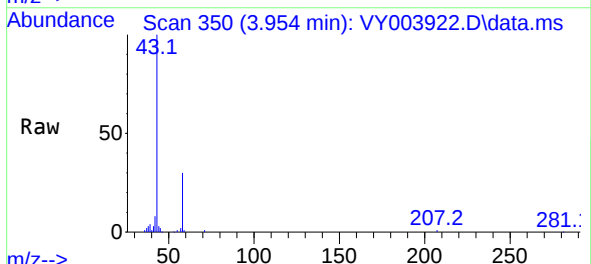
Delta R.T. -0.000 min

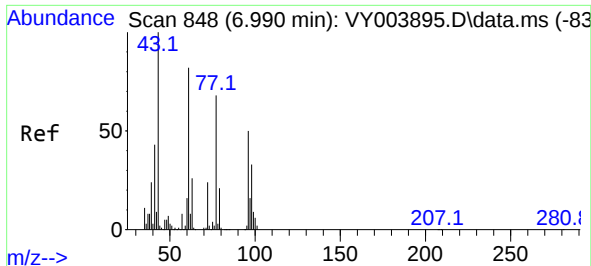
Lab File: VY003922.D

Acq: 14 Jan 2021 16:28

Tgt Ion: 43 Resp: 68833

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.5	36.7

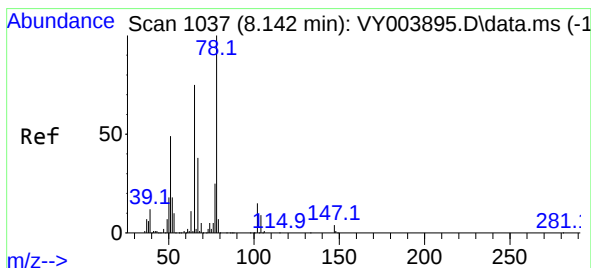
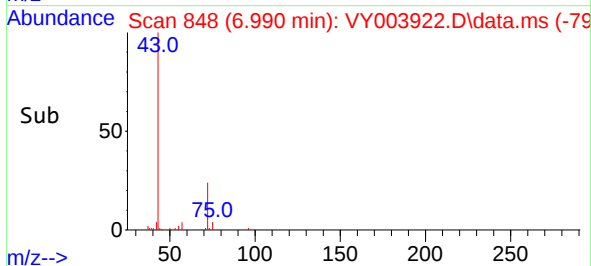
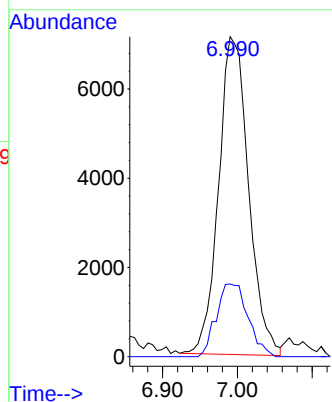
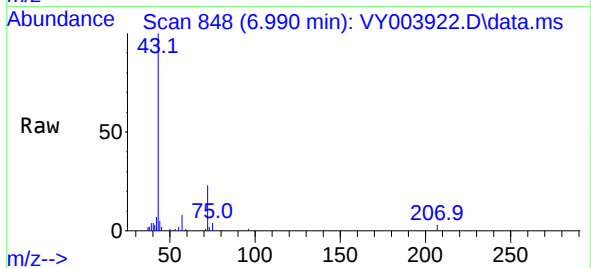




#25
2-Butanone
Concen: 15.38 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

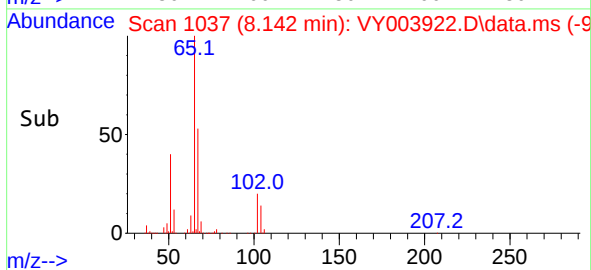
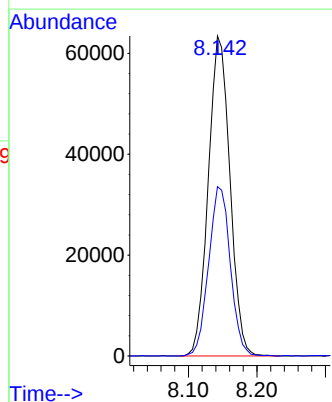
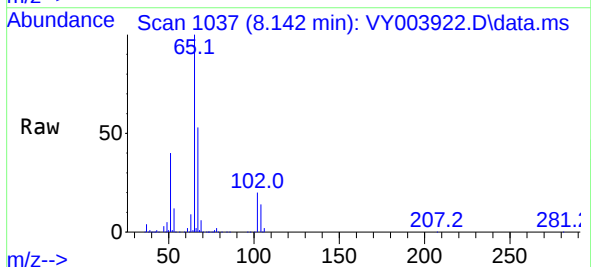
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

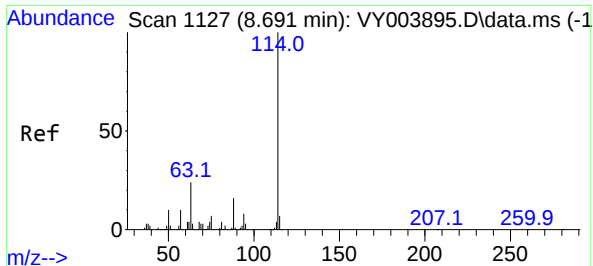
Tgt Ion: 43 Resp: 19878
Ion Ratio Lower Upper
43 100
72 22.9 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 41.52 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion: 65 Resp: 139229
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.2



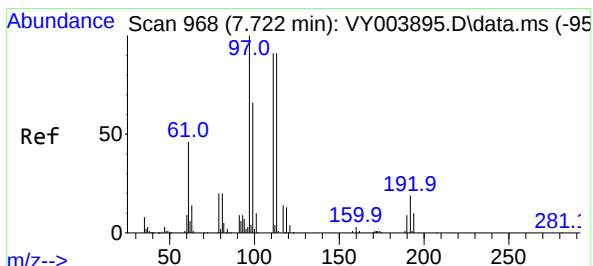
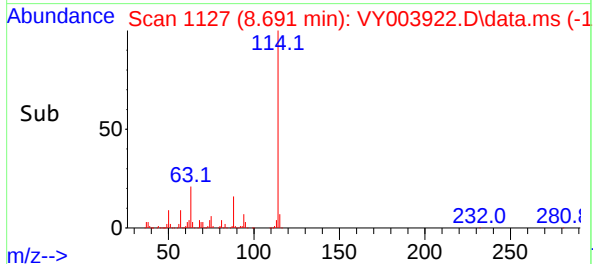
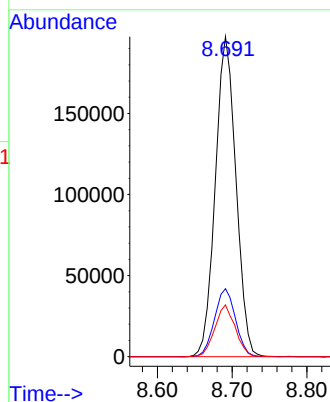
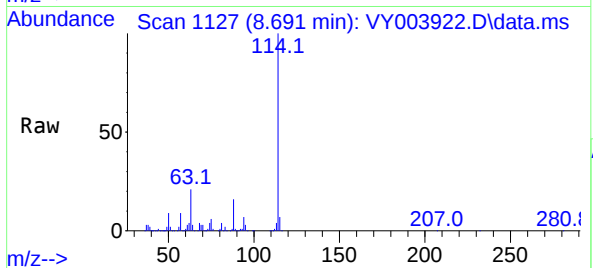


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

Tgt Ion:114 Resp: 378950

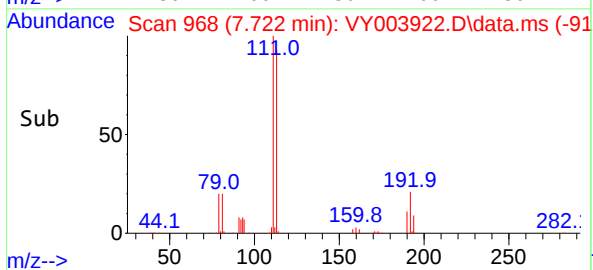
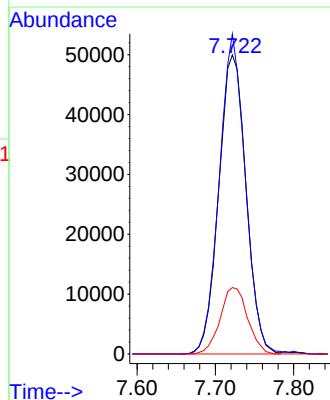
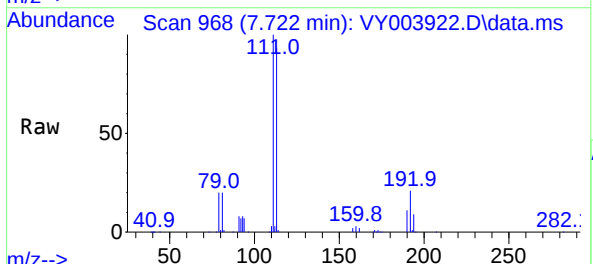
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	38.8
88	16.2	0.0	31.4

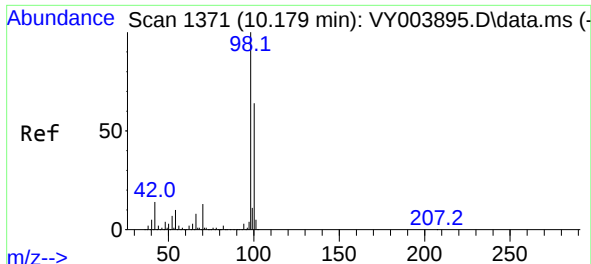


#35
Dibromofluoromethane
Concen: 39.03 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion:113 Resp: 120873

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	22.4	19.8	29.6

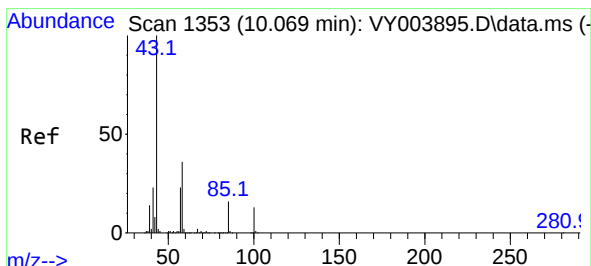
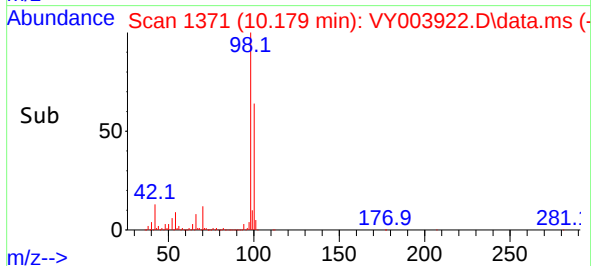
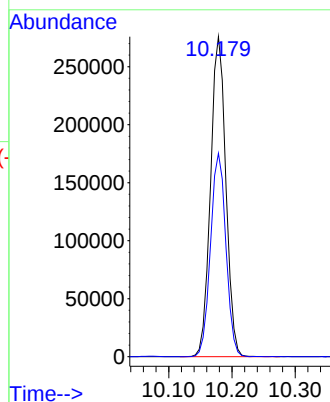
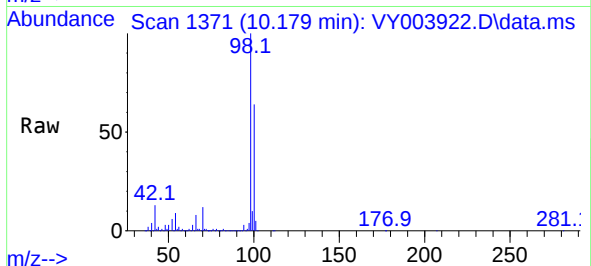




#50
Toluene-d8
Concen: 36.97 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

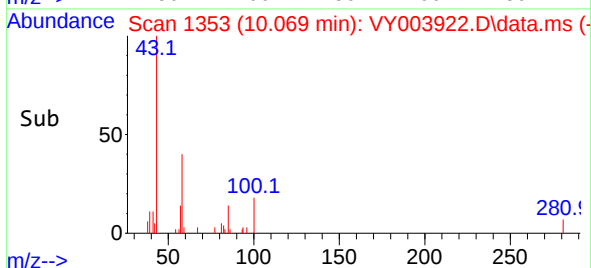
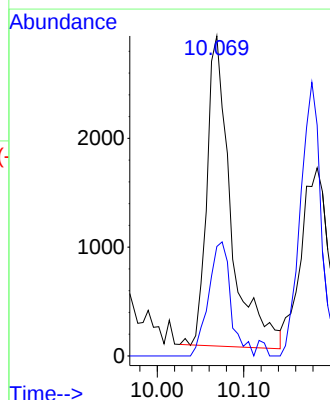
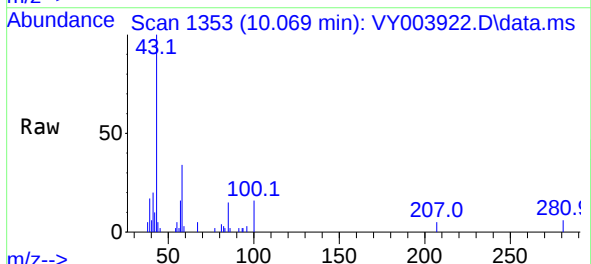
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

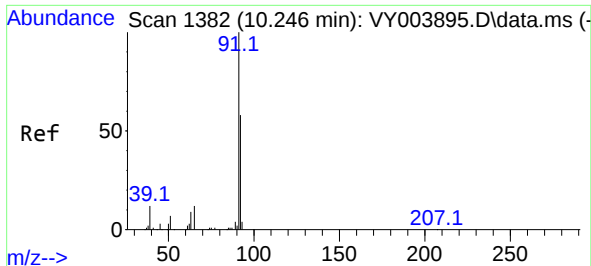
Tgt Ion: 98 Resp: 463993
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion: 43 Resp: 5482
Ion Ratio Lower Upper
43 100
58 33.9 30.3 45.5

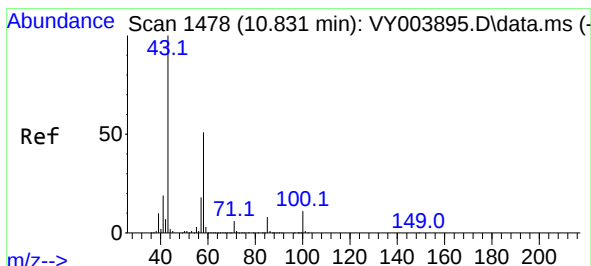
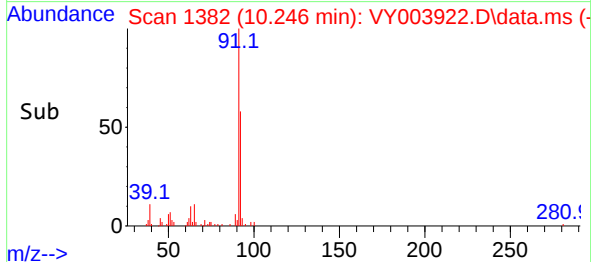
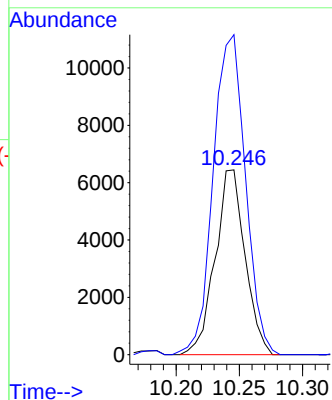
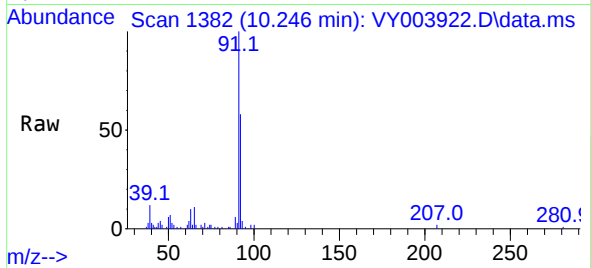




#52
Toluene
Concen: 1.18 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

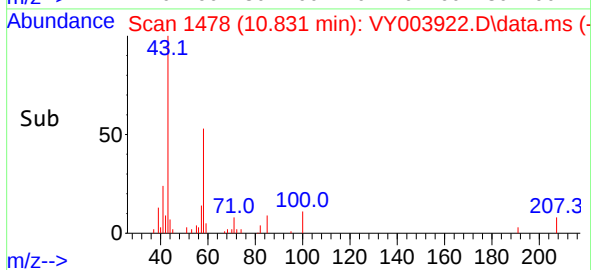
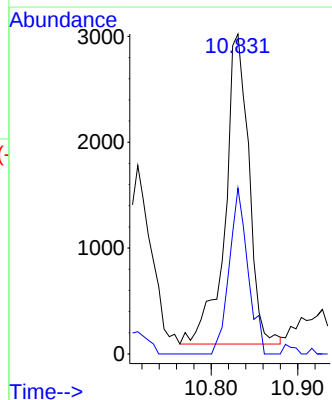
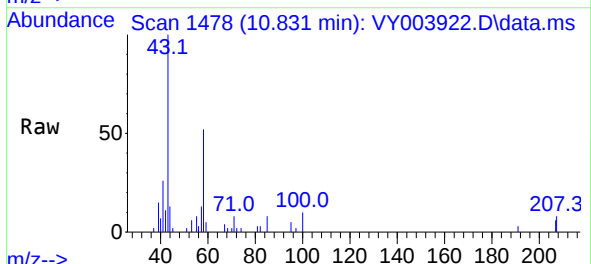
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VNJ-215

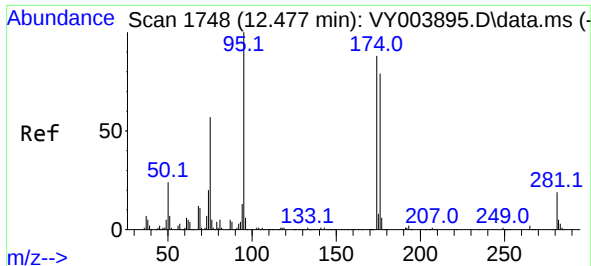
Tgt Ion: 92 Resp: 10612
Ion Ratio Lower Upper
92 100
91 186.4 140.7 211.1



#59
2-Hexanone
Concen: 2.28 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion: 43 Resp: 5595
Ion Ratio Lower Upper
43 100
58 41.9 26.5 79.4



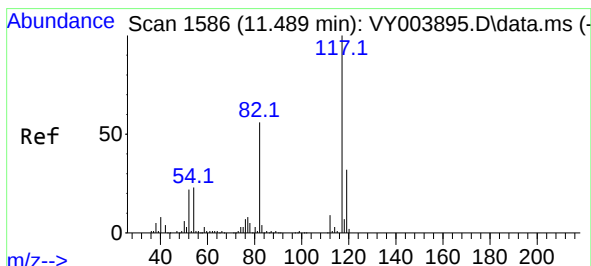
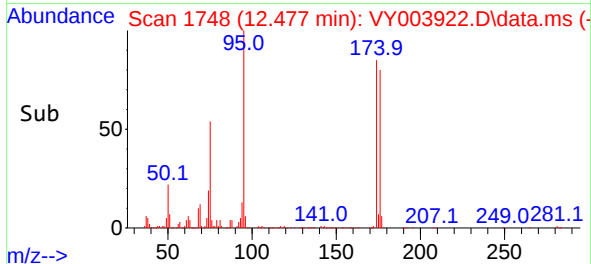
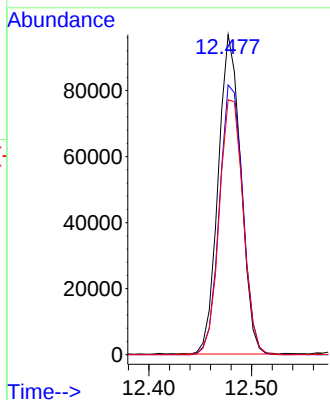
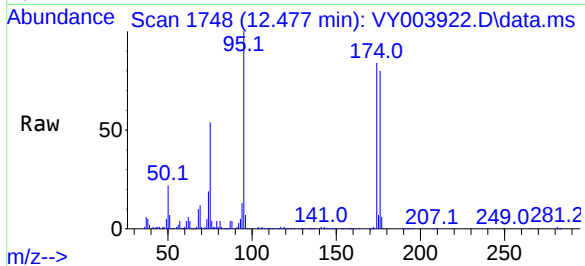


#62
4-Bromofluorobenzene
Concen: 32.25 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

Tgt Ion: 95 Resp: 147836

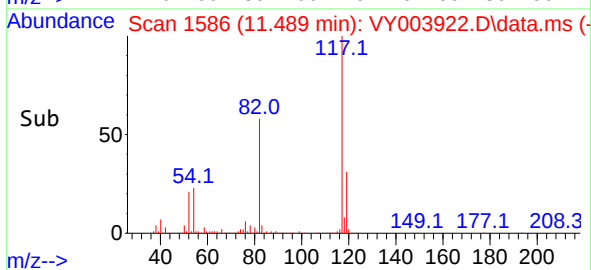
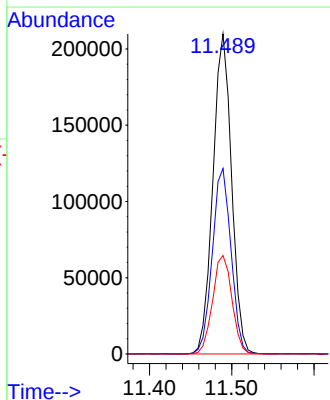
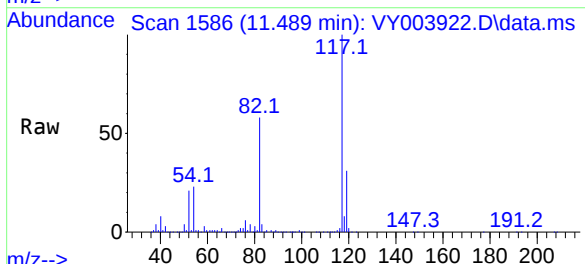
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	193.2
176	84.0	0.0	187.0

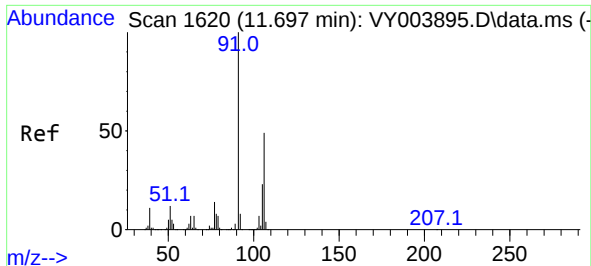


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion: 117 Resp: 330828

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.9	65.9
119	30.7	26.2	39.4

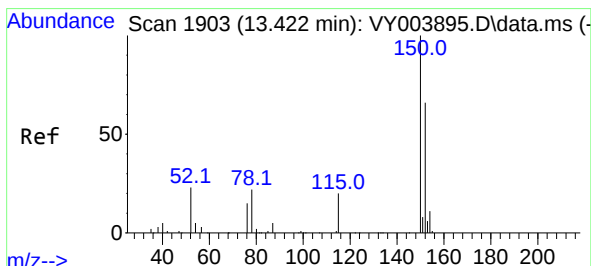
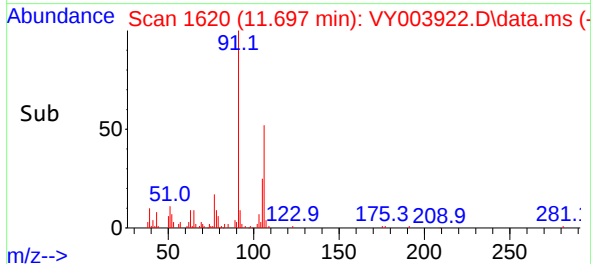
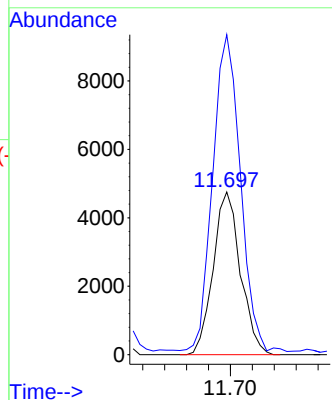
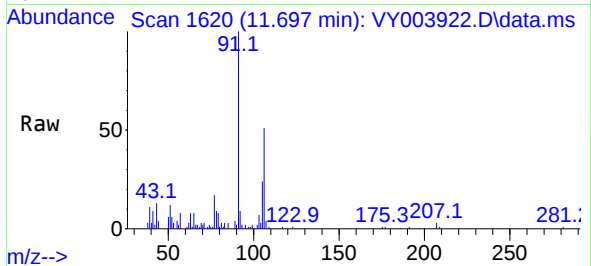




#68
m/p-Xylenes
Concen: 1.35 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

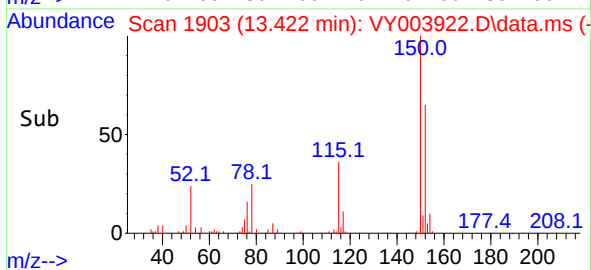
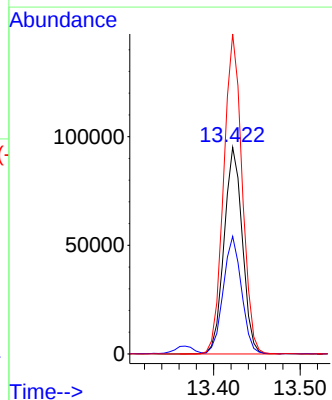
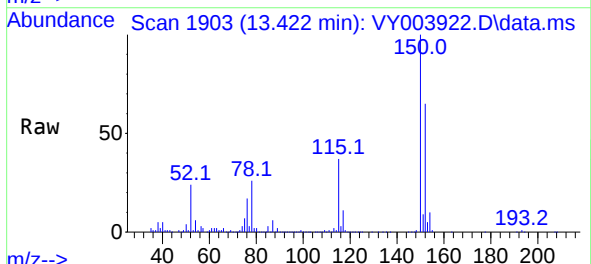
Instrument :
MSVOA_Y
ClientSampled :
VNJ-215

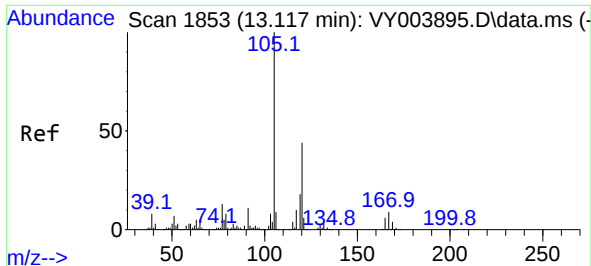
Tgt Ion:106 Resp: 8214
Ion Ratio Lower Upper
106 100
91 198.0 162.2 243.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion:152 Resp: 139072
Ion Ratio Lower Upper
152 100
115 56.8 27.9 83.7
150 156.5 0.0 356.4

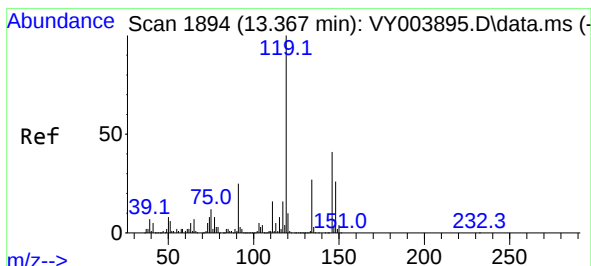
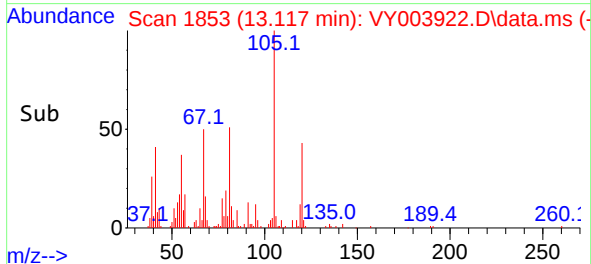
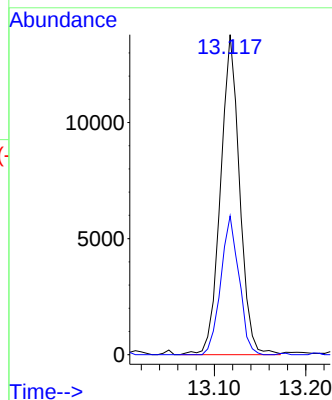
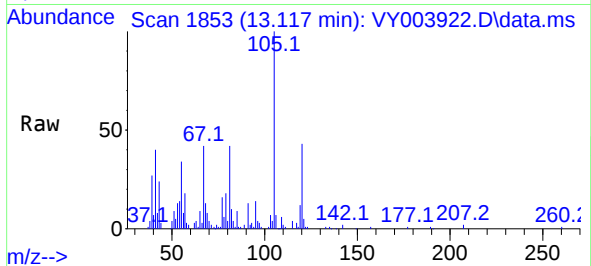




#84
1,2,4-Trimethylbenzene
Concen: 1.87 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

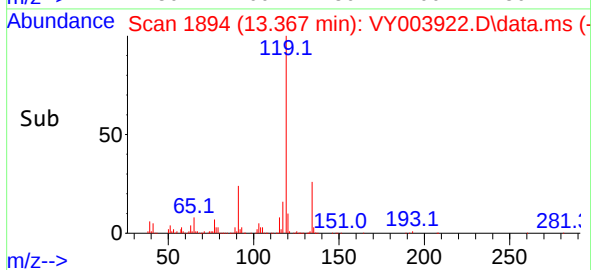
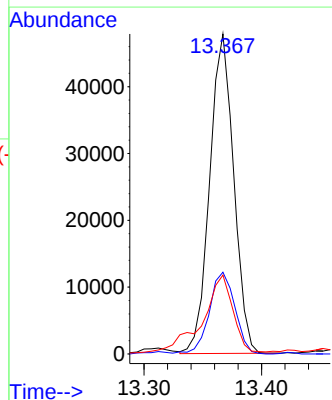
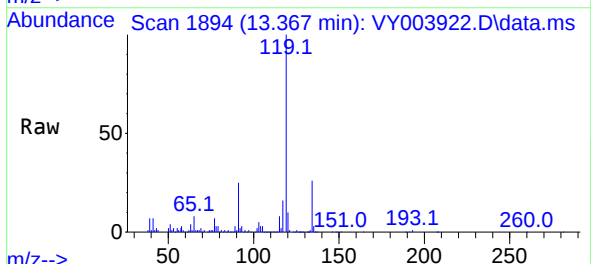
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

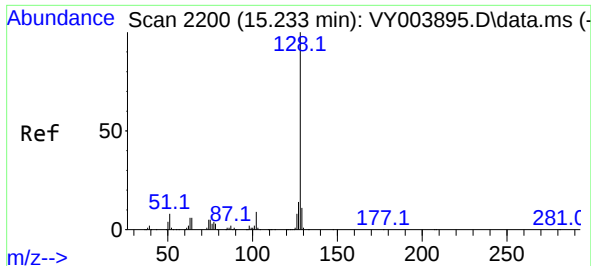
Tgt Ion:105 Resp: 19999
Ion Ratio Lower Upper
105 100
120 41.3 22.9 68.5



#86
p-Isopropyltoluene
Concen: 5.74 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Tgt Ion:119 Resp: 67929
Ion Ratio Lower Upper
119 100
134 27.3 13.5 40.5
91 31.2 12.3 36.8





#95
Naphthalene
Concen: 27.03 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY003922.D
Acq: 14 Jan 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-215

Tgt Ion:128 Resp: 193065
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.2 8.7 13.1

