

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003919.D
 Acq On : 14 Jan 2021 15:12
 Operator : SY/MD
 Sample : M1124-01
 Misc : 3.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Jan 15 00:58:00 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)

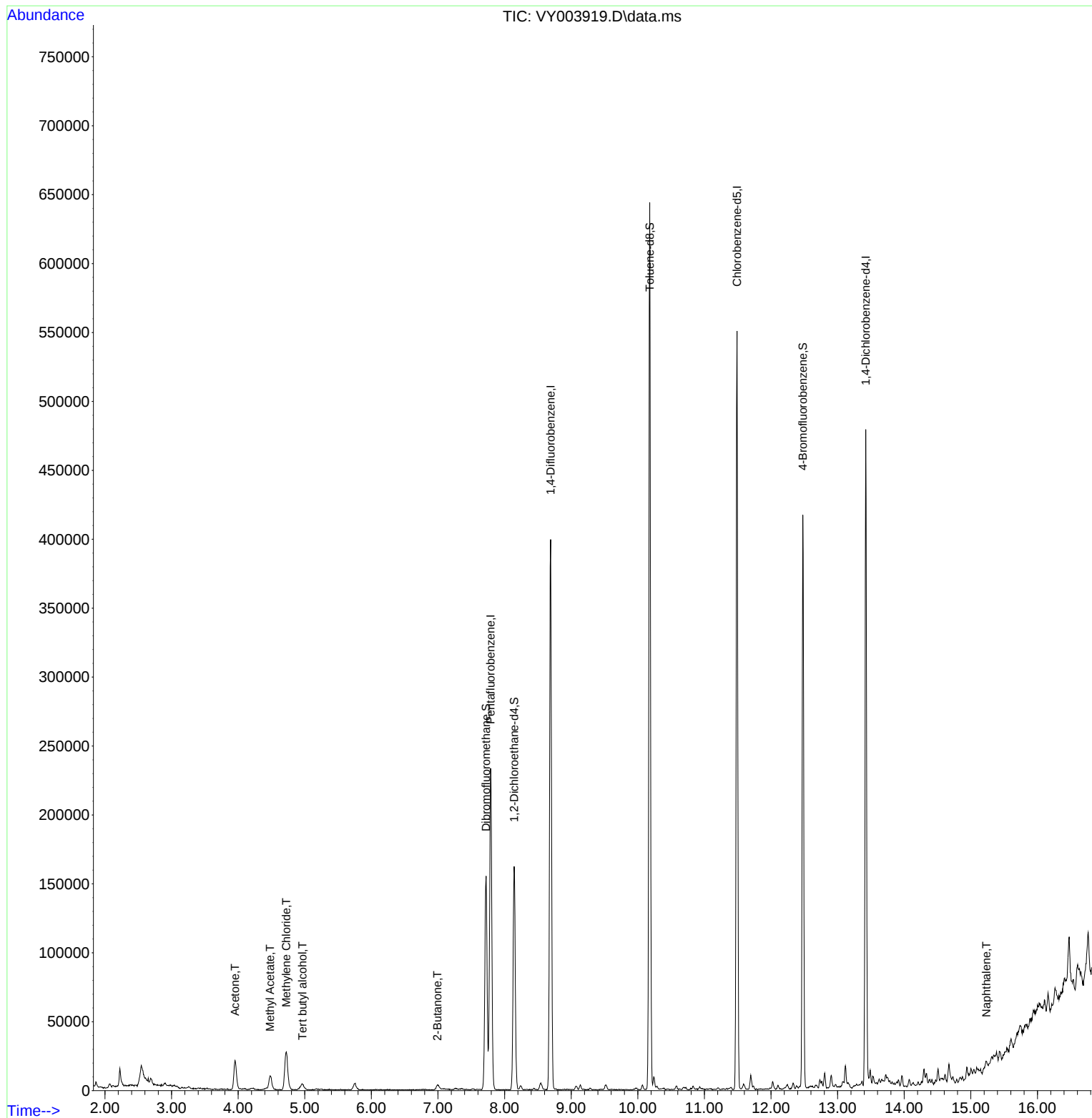
Internal Standards						
1) Pentafluorobenzene	7.789	168	185506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124910	43.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.70%
35) Dibromofluoromethane	7.722	113	105626	39.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.70%
50) Toluene-d8	10.179	98	393362	36.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.24%
62) 4-Bromofluorobenzene	12.477	95	122313	31.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.36%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	8347	27.86	ug/l	99
16) Acetone	3.954	43	37067	52.02	ug/l	100
18) Methyl Acetate	4.479	43	21165	11.17	ug/l	96
20) Methylene Chloride	4.722	84	19875	7.44	ug/l #	89
25) 2-Butanone	6.990	43	5387	4.85	ug/l #	88
95) Naphthalene	15.233	128	6021	1.02	ug/l	96

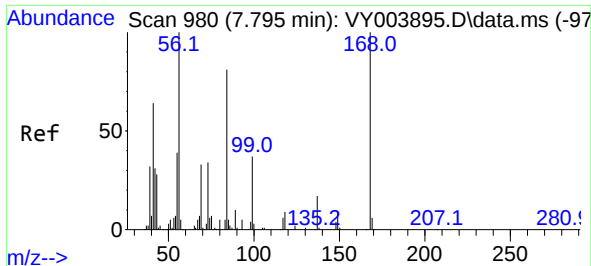
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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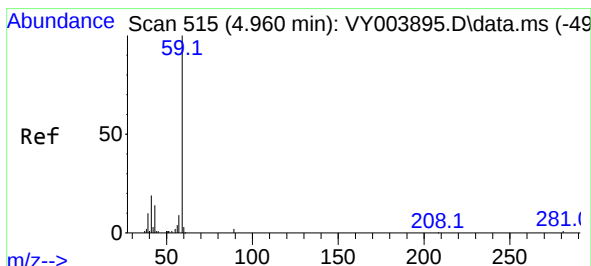
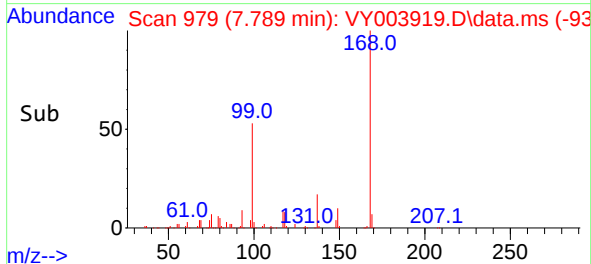
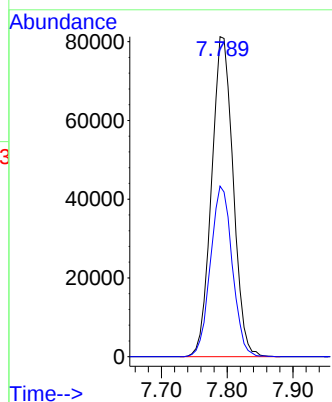
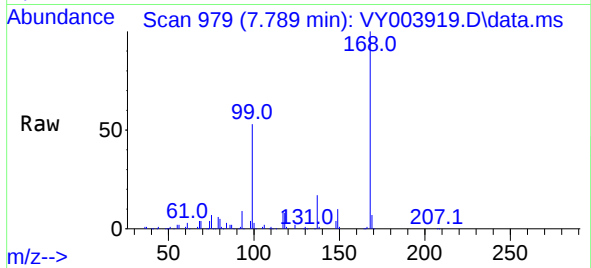




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

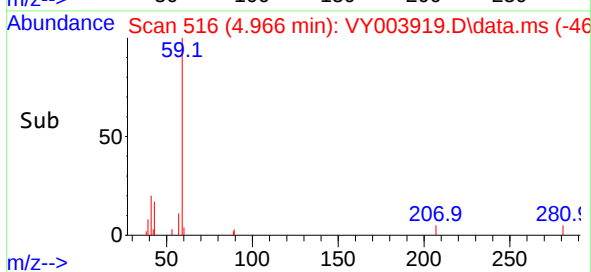
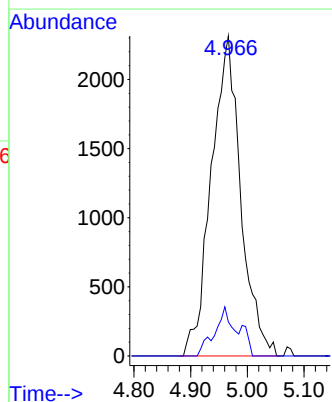
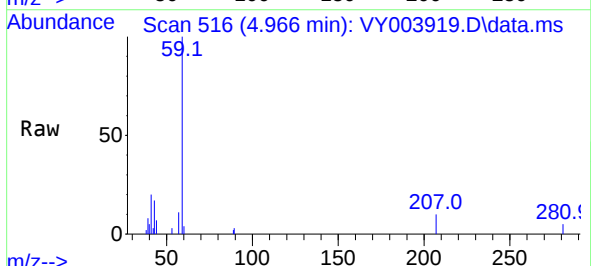
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

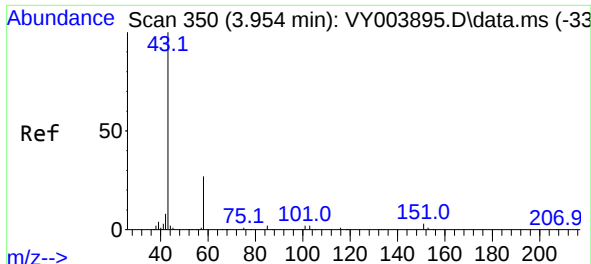
Tgt Ion:168 Resp: 185506
Ion Ratio Lower Upper
168 100
99 53.3 40.4 60.6



#11
Tert butyl alcohol
Concen: 27.86 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 59 Resp: 8347
Ion Ratio Lower Upper
59 100
57 9.6 7.9 11.9





#16

Acetone

Concen: 52.02 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY003919.D

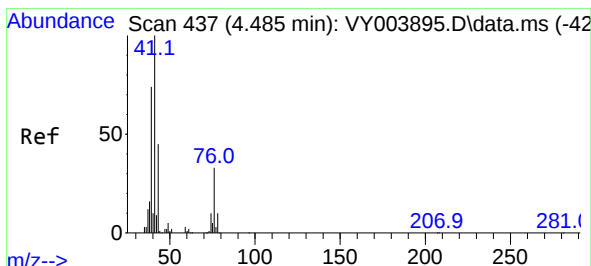
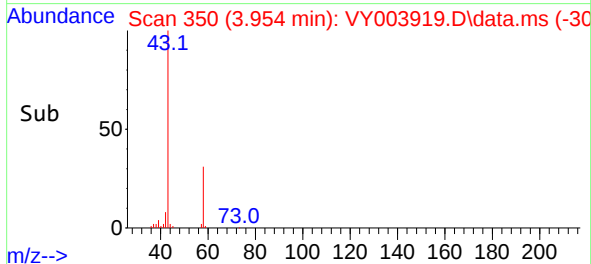
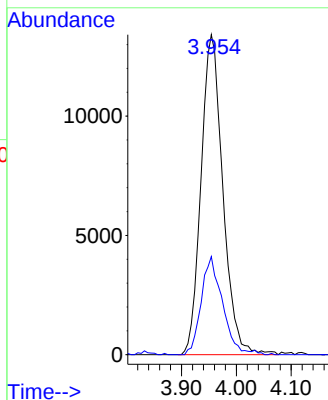
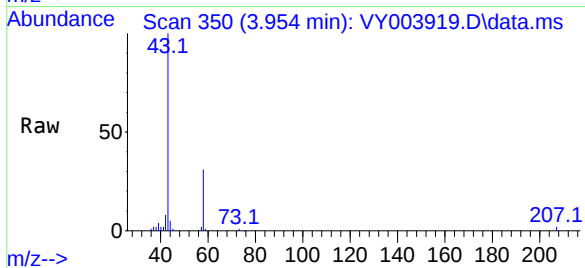
Acq: 14 Jan 2021 15:12

Tgt Ion: 43 Resp: 37067

Ion Ratio Lower Upper

43 100

58 30.7 24.5 36.7



#18

Methyl Acetate

Concen: 11.17 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY003919.D

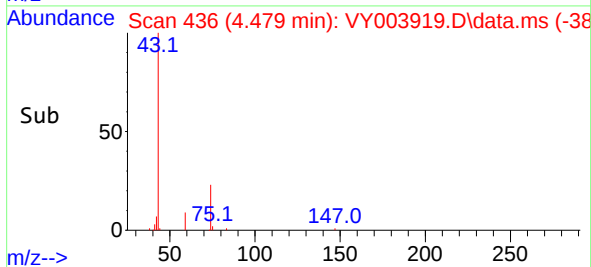
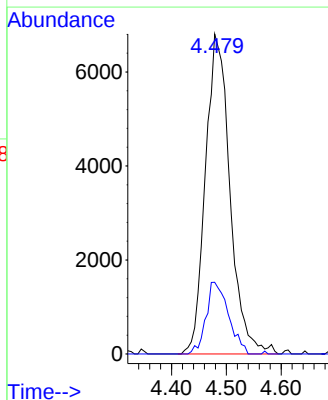
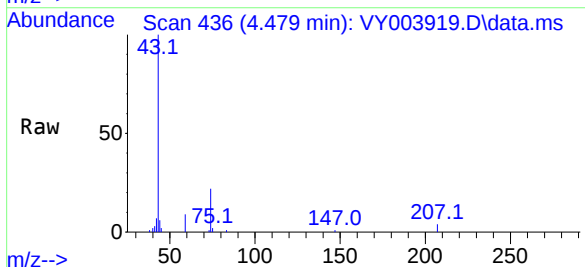
Acq: 14 Jan 2021 15:12

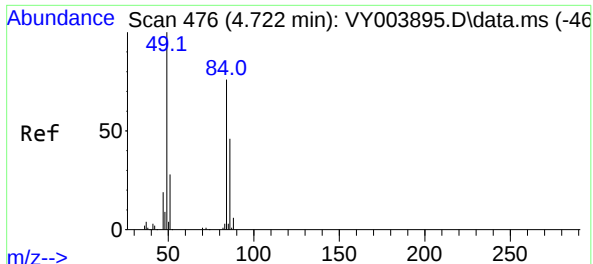
Tgt Ion: 43 Resp: 21165

Ion Ratio Lower Upper

43 100

74 20.5 17.8 26.6



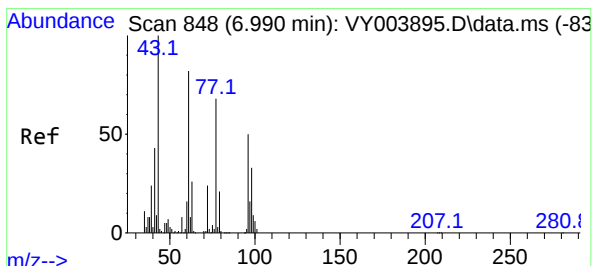
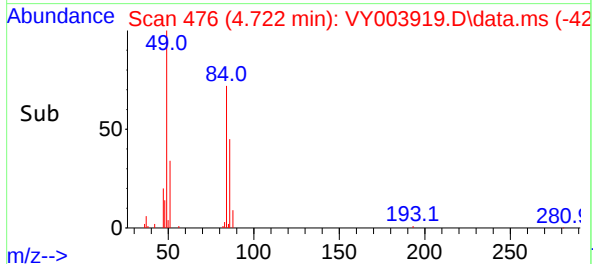
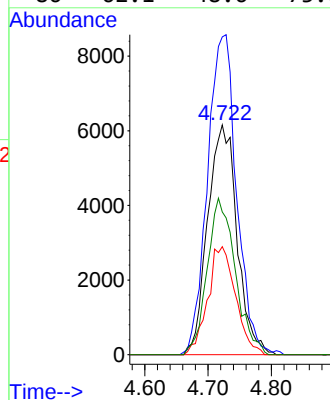
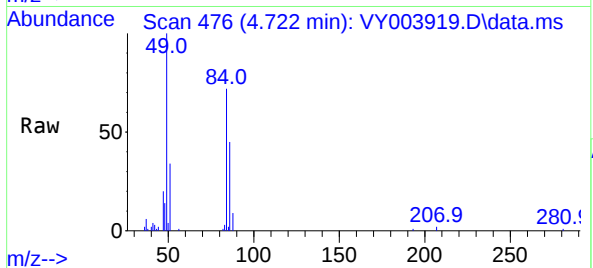


#20
Methylene Chloride
Concen: 7.44 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

Tgt Ion: 84 Resp: 19875

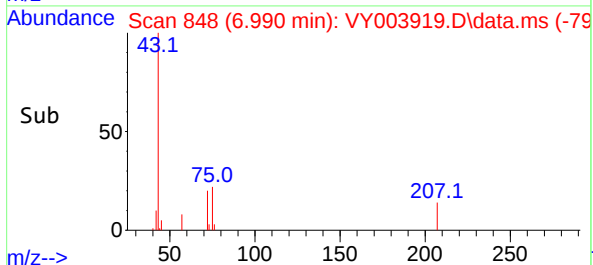
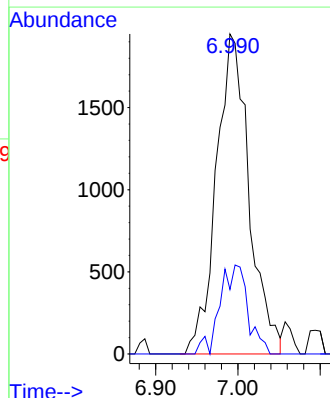
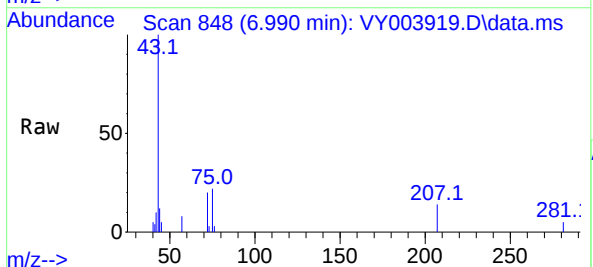
Ion	Ratio	Lower	Upper
84	100		
49	138.4	98.0	147.0
51	47.0	30.5	45.7#
86	62.1	48.6	73.0

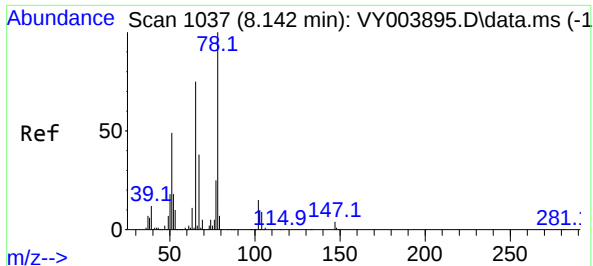


#25
2-Butanone
Concen: 4.85 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 43 Resp: 5387

Ion	Ratio	Lower	Upper
43	100		
72	20.2	21.0	31.6#

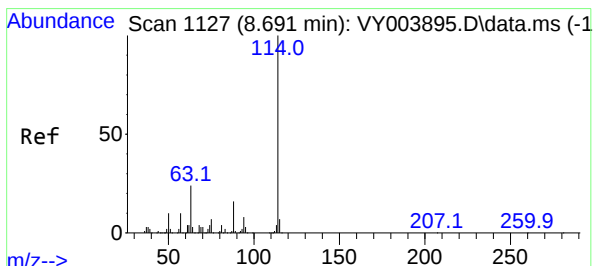
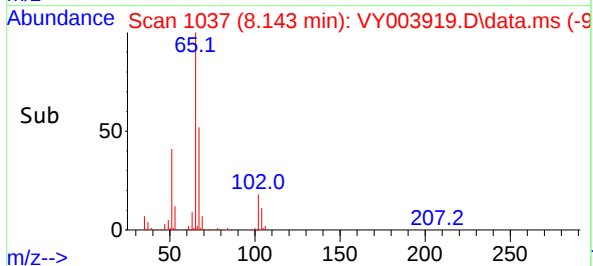
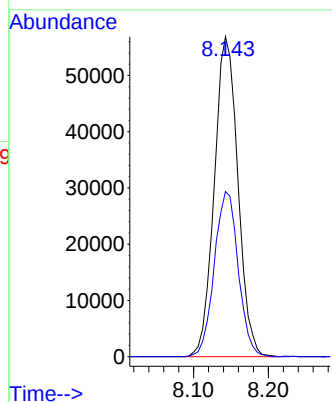
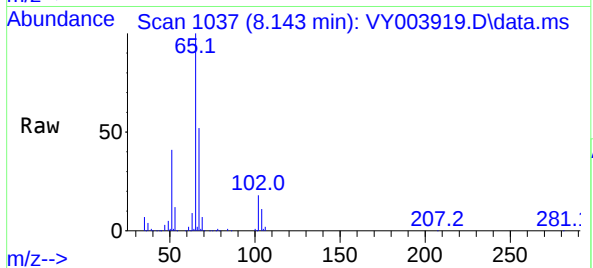




#33
1,2-Dichloroethane-d4
Concen: 43.35 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

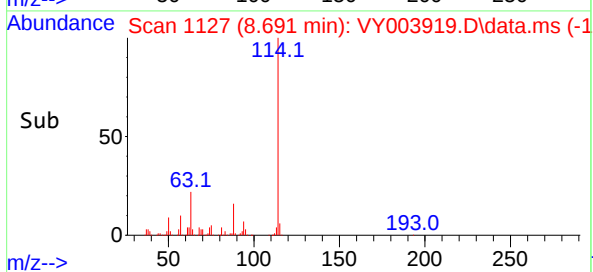
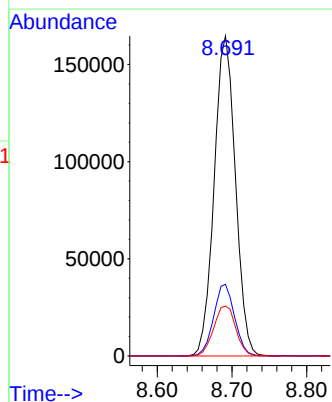
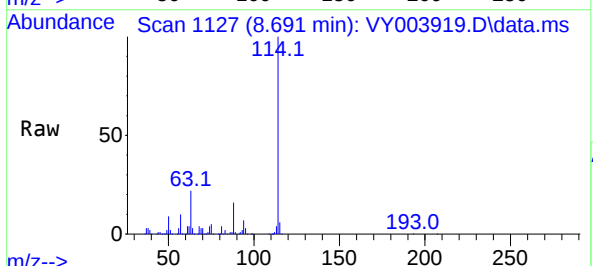
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

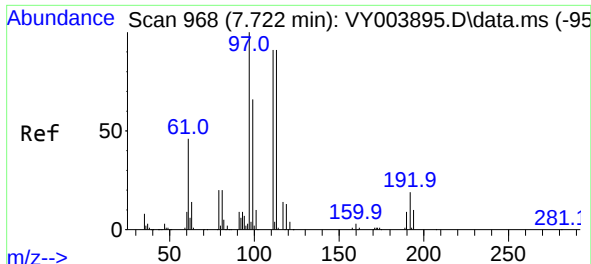
Tgt Ion: 65 Resp: 124910
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion:114 Resp: 324324
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.8
88 15.6 0.0 31.4

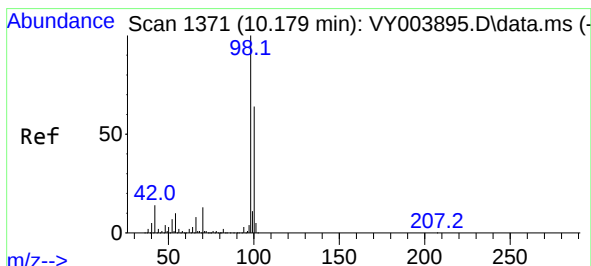
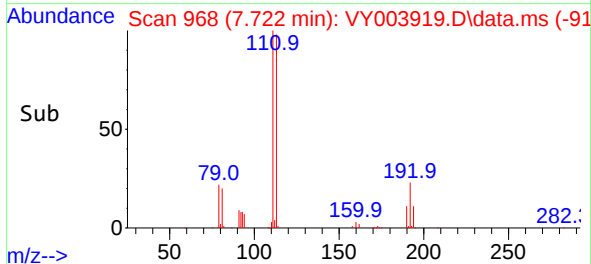
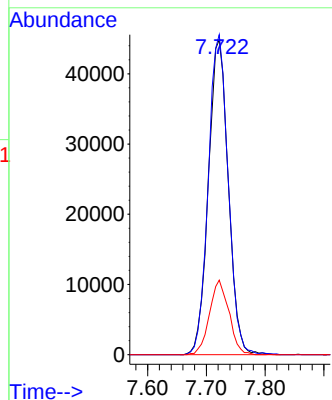
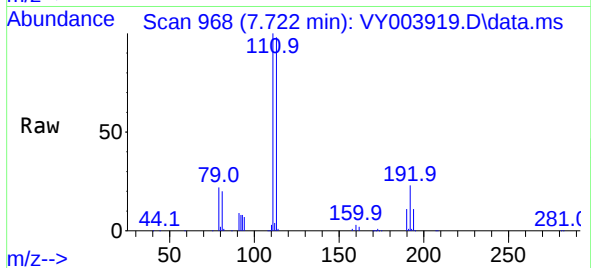




#35
Dibromofluoromethane
Concen: 39.85 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

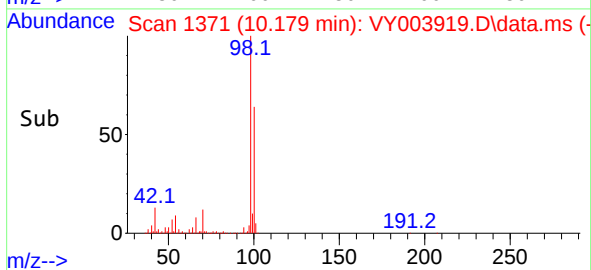
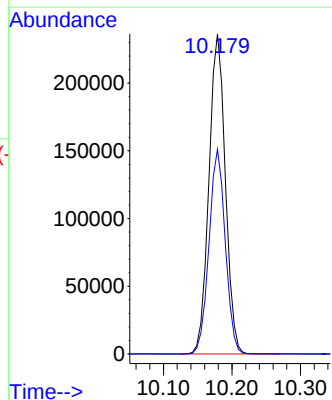
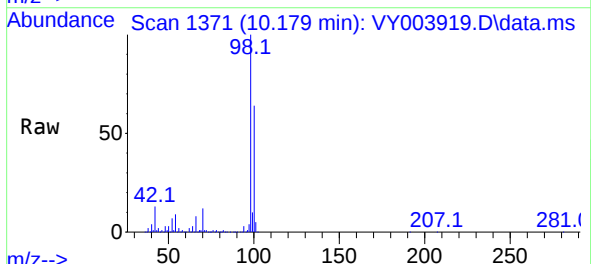
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

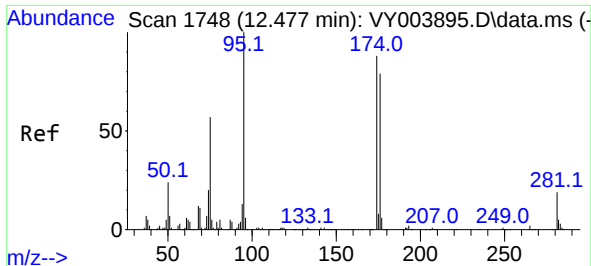
Tgt Ion:113 Resp: 105626
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.6
192 23.1 19.8 29.6



#50
Toluene-d8
Concen: 36.62 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 98 Resp: 393362
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



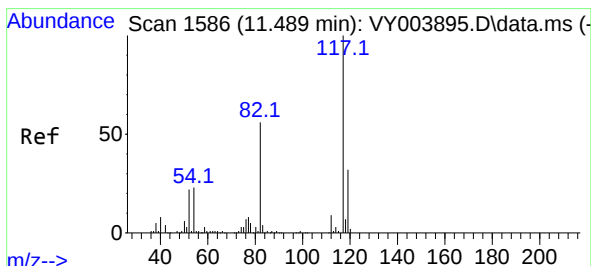
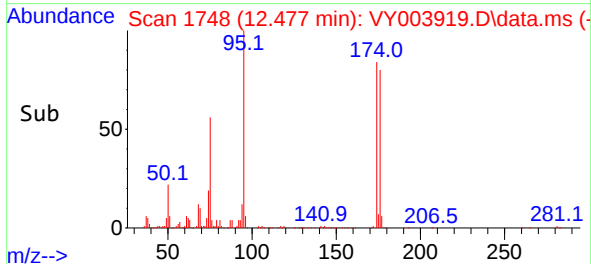
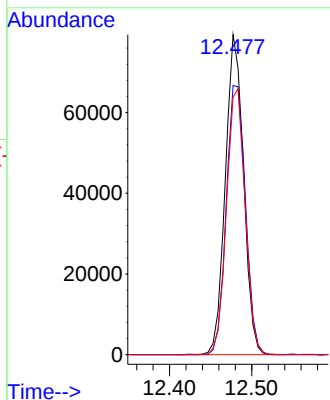
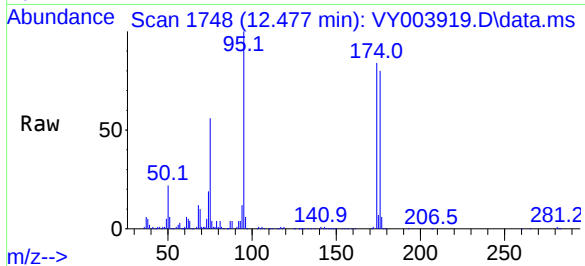


#62
4-Bromofluorobenzene
Concen: 31.18 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

Tgt Ion: 95 Resp: 122313

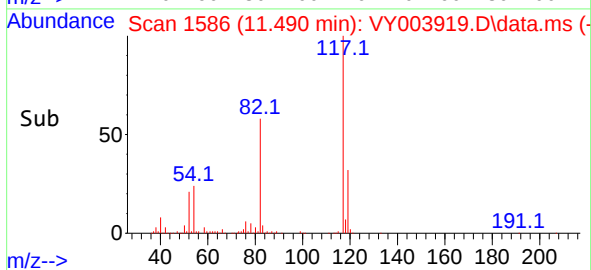
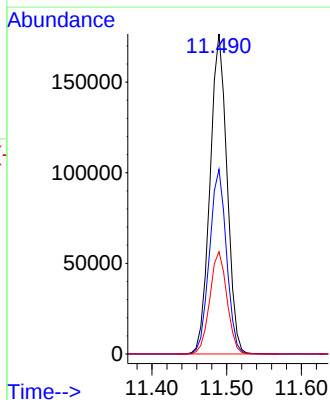
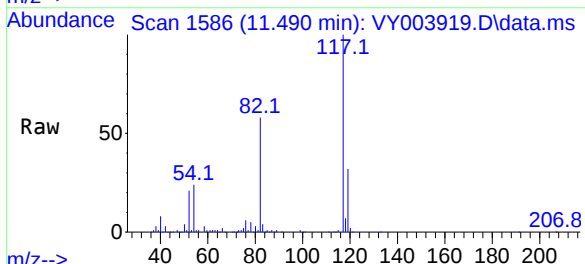
Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	193.2
176	85.2	0.0	187.0

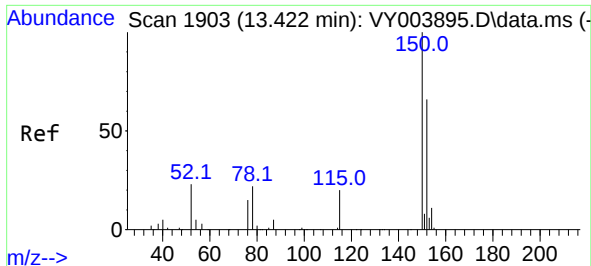


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion: 117 Resp: 279045

Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.9	65.9
119	31.9	26.2	39.4

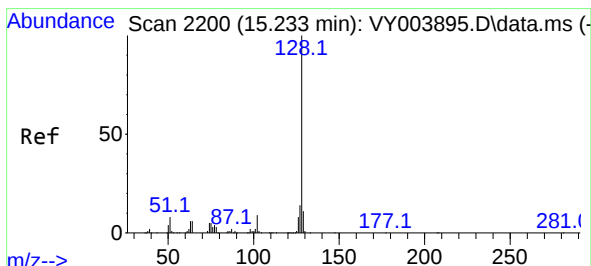
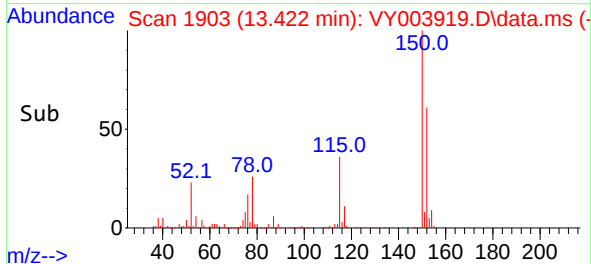
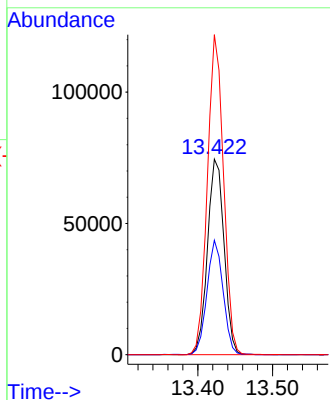
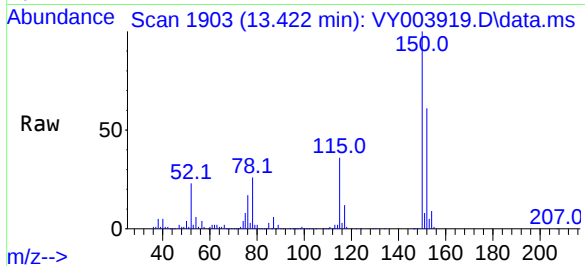




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

Tgt Ion:152 Resp: 114651
Ion Ratio Lower Upper
152 100
115 57.4 27.9 83.7
150 159.4 0.0 356.4



#95
Naphthalene
Concen: 1.02 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003919.D
Acq: 14 Jan 2021 15:12

Tgt Ion:128 Resp: 6021
Ion Ratio Lower Upper
128 100
127 15.6 10.6 15.8
129 10.6 8.7 13.1

