

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005254.D
 Acq On : 28 Jun 2021 17:10
 Operator : SY/MD
 Sample : M2864-01
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

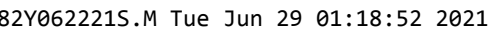
Quant Time: Jun 29 01:18:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

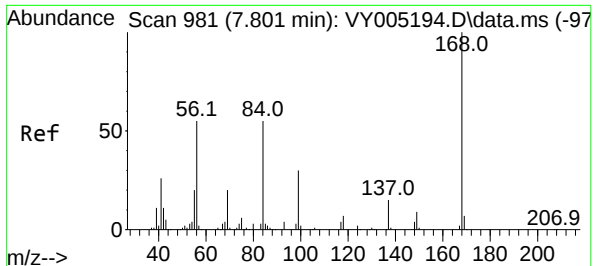
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	21546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12742	71.264	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.520%			
35) Dibromofluoromethane	7.728	113	10624	54.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.440%			
50) Toluene-d8	10.185	98	38445	49.063	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.483	95	13241	50.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	160	1.169	ug/l #	66
6) Chloroethane	2.778	64	333	2.360	ug/l #	42
16) Acetone	3.960	43	274	6.634	ug/l #	40
20) Methylene Chloride	4.722	84	1369	Below Cal	#	89
31) Cyclohexane	7.795	56	380	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	1413	4.830	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1776	5.799	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	167	1.151	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	6758	45.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6758	85.341	ug/l #	18

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

Quant Time: Jun 29 01:18:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

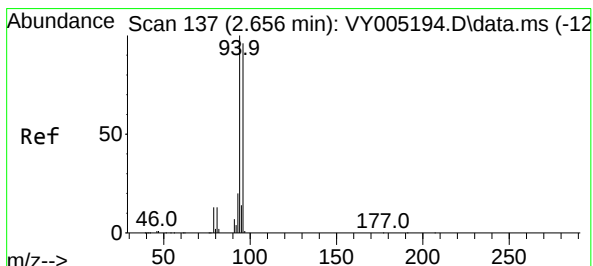
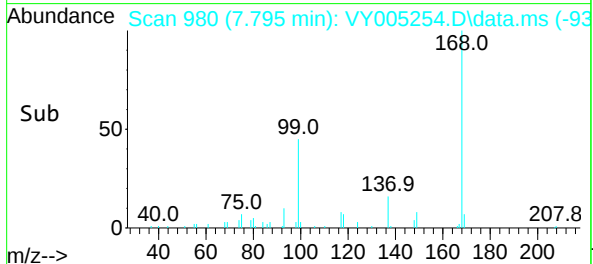
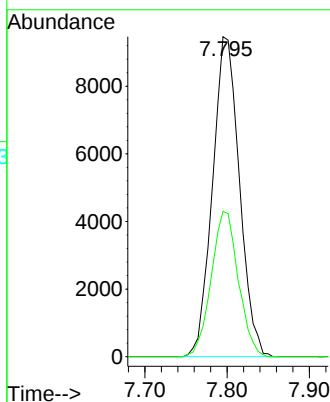
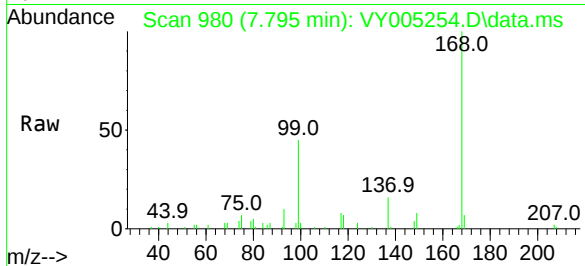




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

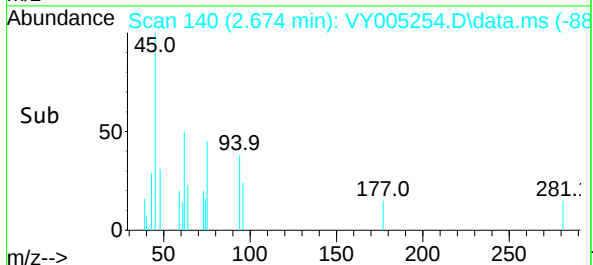
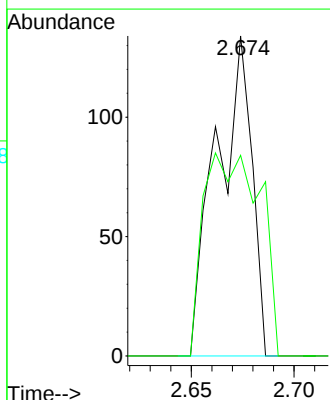
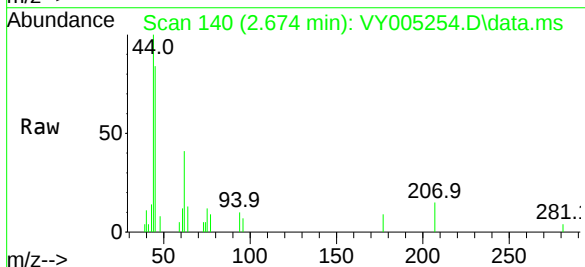
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

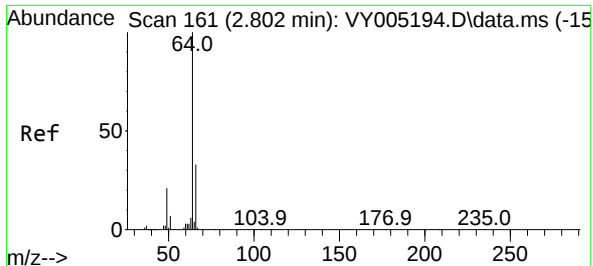
Tgt Ion:168 Resp: 21546
Ion Ratio Lower Upper
168 100
99 45.4 36.2 54.4



#5
Bromomethane
Concen: 1.169 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 62.7 76.9 115.3#

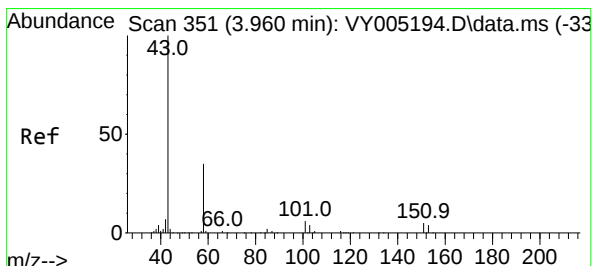
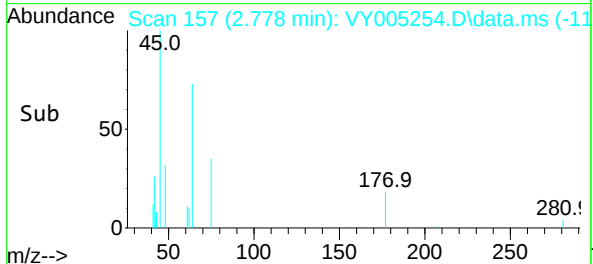
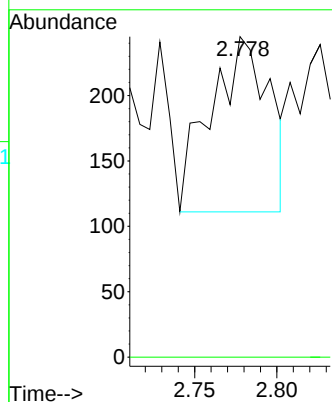
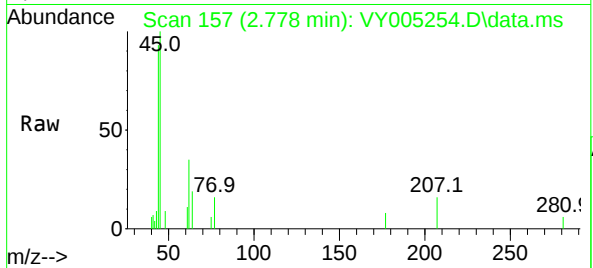




#6
Chloroethane
Concen: 2.360 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.024 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

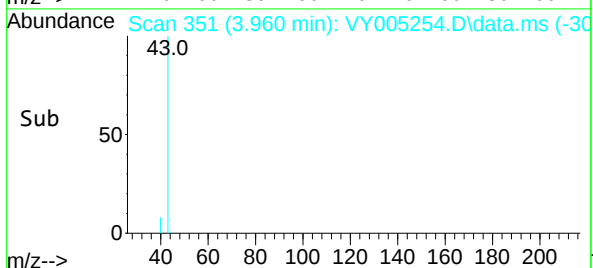
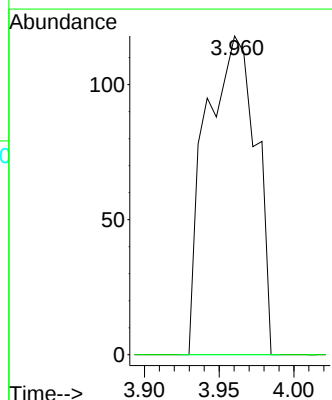
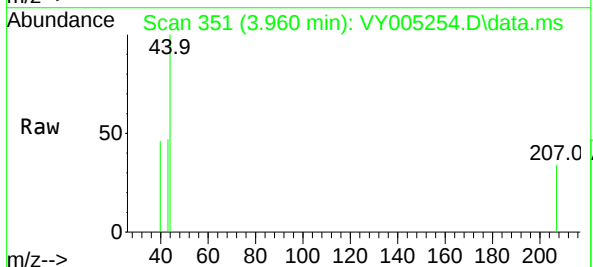
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

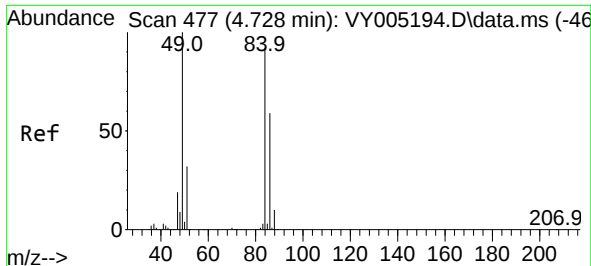
Tgt Ion: 64 Resp: 333
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#16
Acetone
Concen: 6.634 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

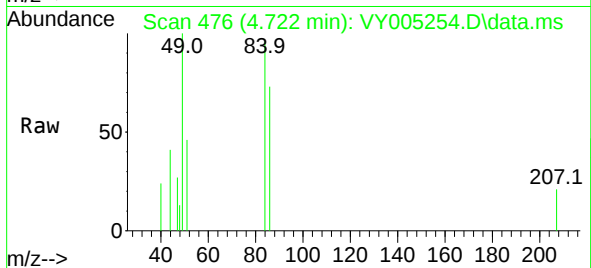
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#





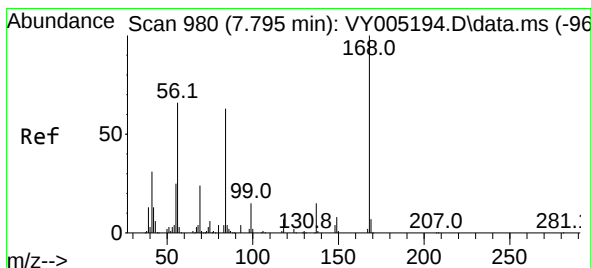
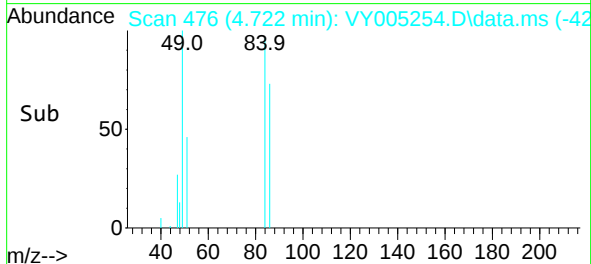
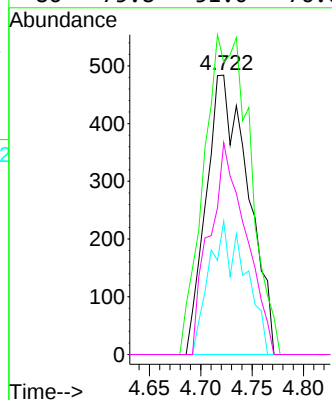
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

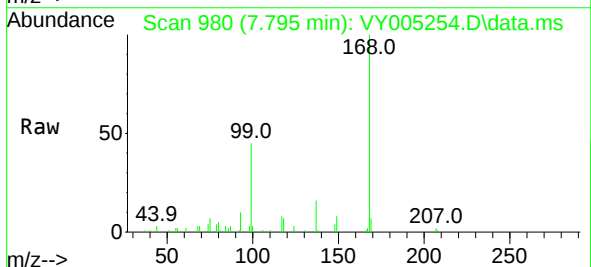


Tgt Ion: 84 Resp: 1369

Ion	Ratio	Lower	Upper
84	100		
49	104.5	86.9	130.3
51	47.7	27.4	41.2#
86	75.8	51.0	76.6

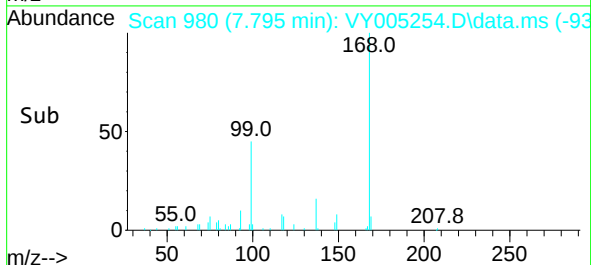
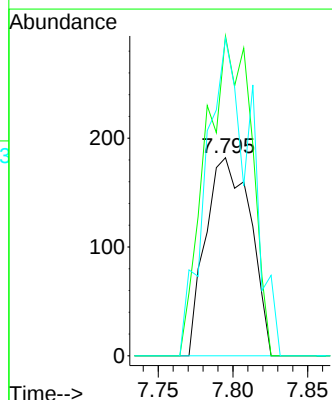


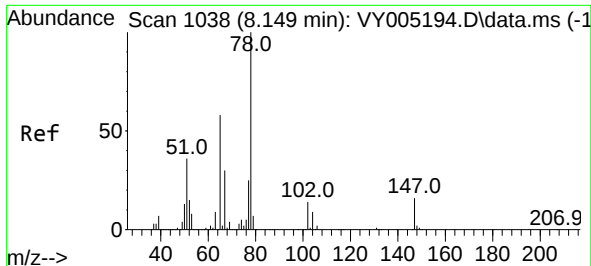
#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10



Tgt Ion: 56 Resp: 380

Ion	Ratio	Lower	Upper
56	100		
69	161.5	29.6	44.4#
84	160.4	76.4	114.6#

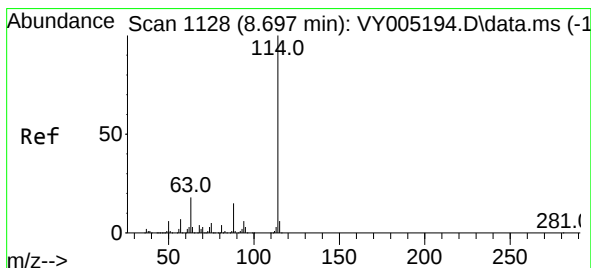
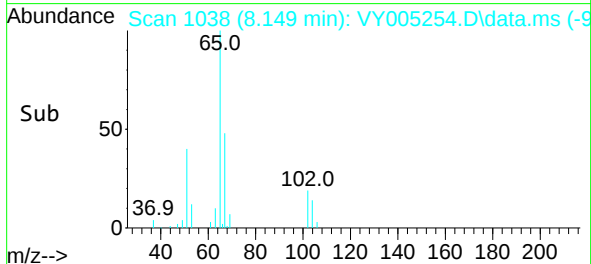
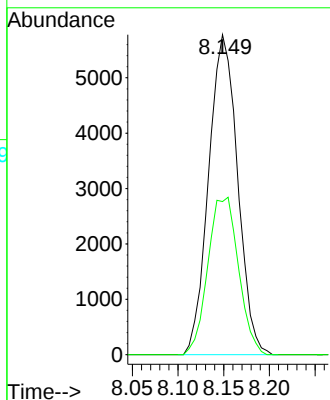
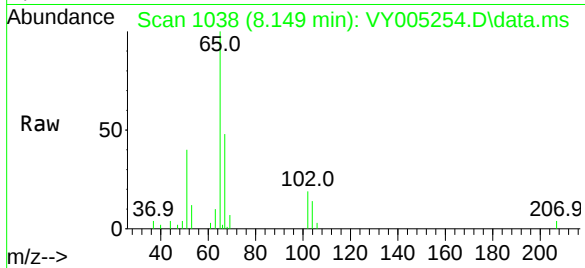




#33
 1,2-Dichloroethane-d4
 Concen: 71.264 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005254.D
 Acq: 28 Jun 2021 17:10

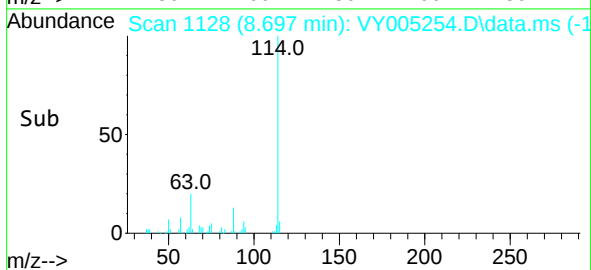
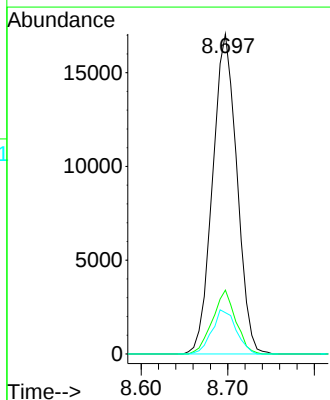
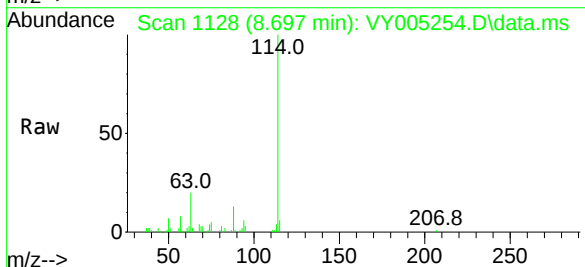
Instrument :
 MSVOA_Y
 ClientSampled :
 VNJ-206

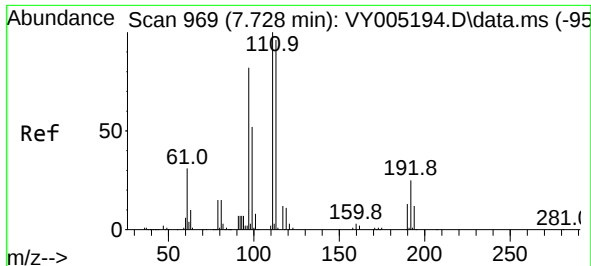
Tgt Ion: 65 Resp: 12742
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005254.D
 Acq: 28 Jun 2021 17:10

Tgt Ion: 114 Resp: 33224
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.2
 88 12.9 0.0 29.4

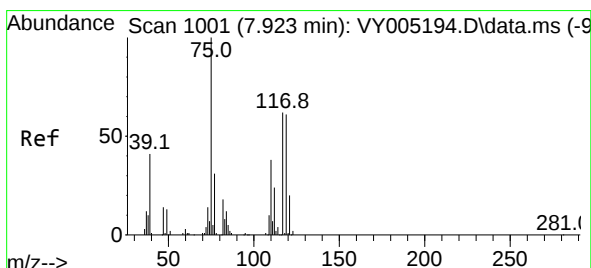
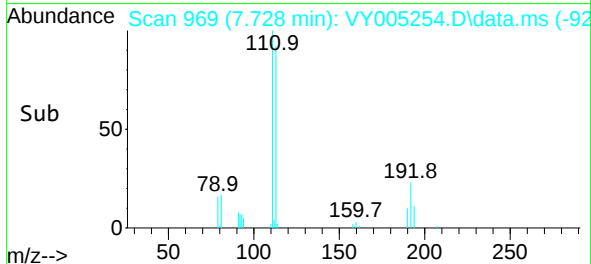
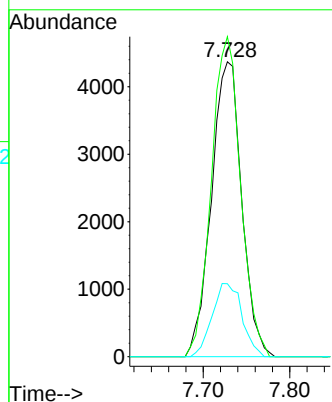
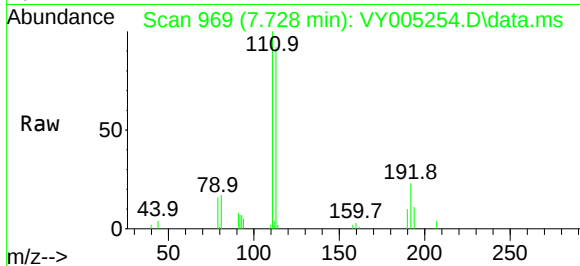




#35
Dibromofluoromethane
Concen: 54.221 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

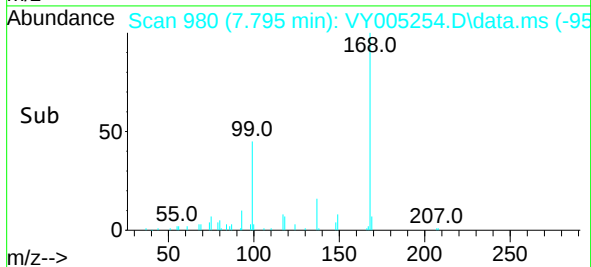
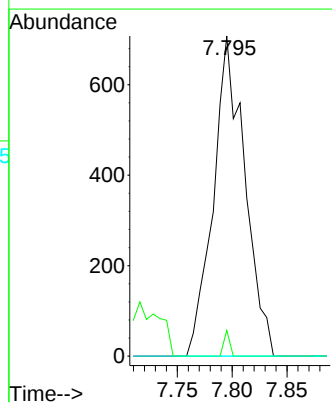
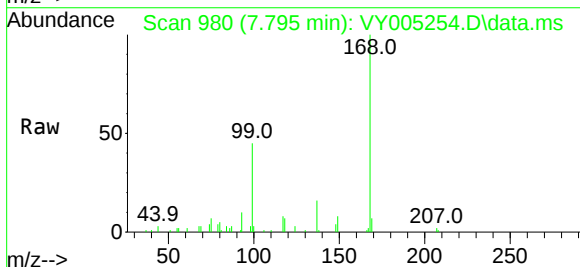
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

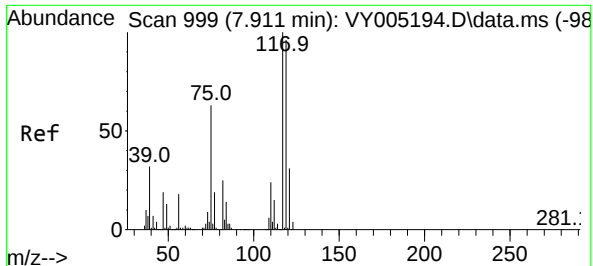
Tgt Ion:113 Resp: 10624
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 24.4 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion: 75 Resp: 1413
Ion Ratio Lower Upper
75 100
110 1.5 19.1 57.5#
77 0.0 25.2 37.8#

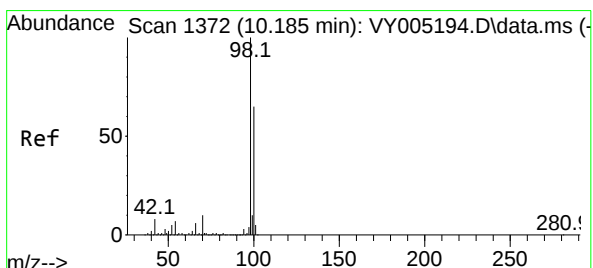
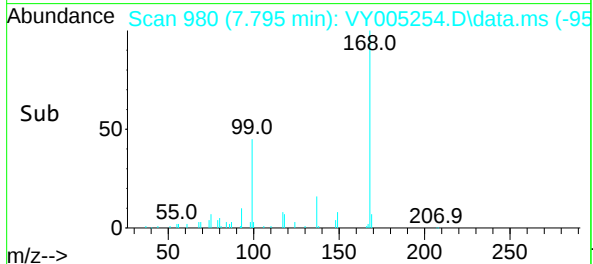
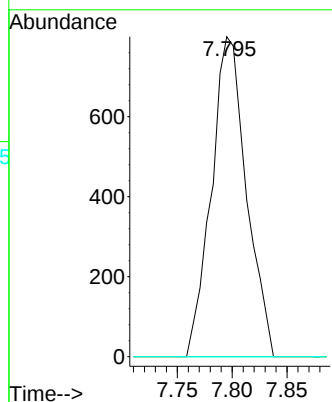
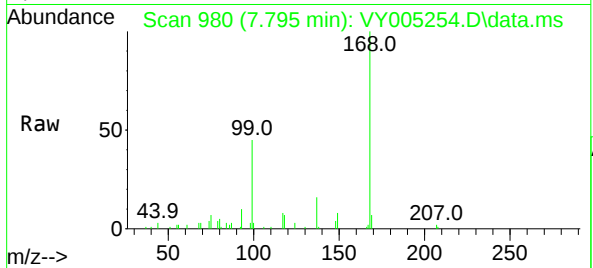




#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

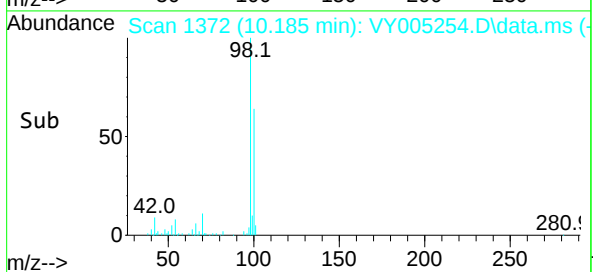
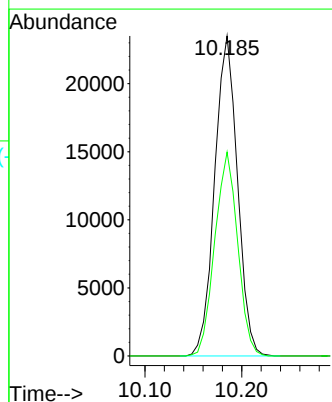
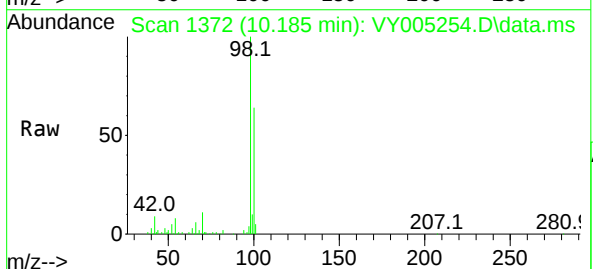
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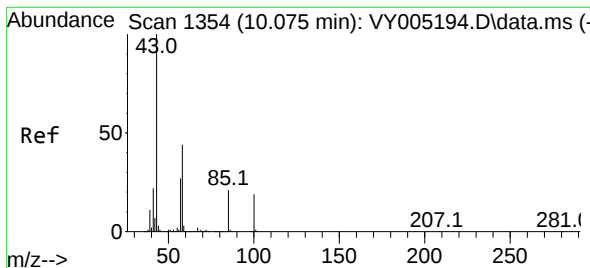
Tgt Ion:117 Resp: 1776
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.063 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion: 98 Resp: 38445
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

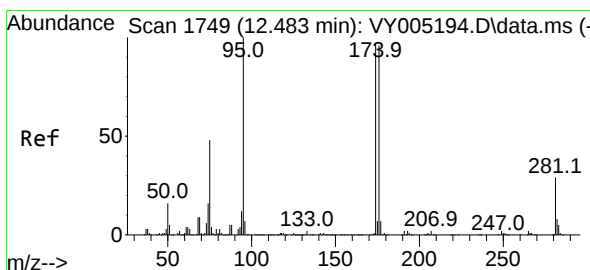
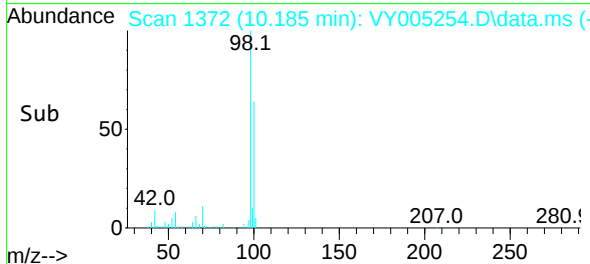
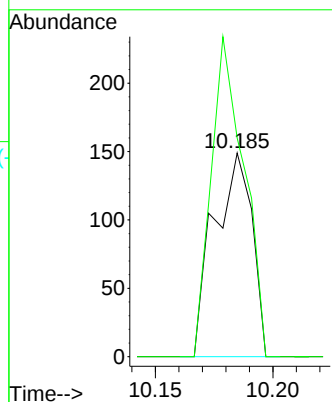
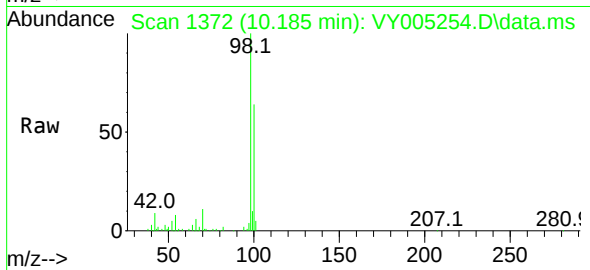




#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

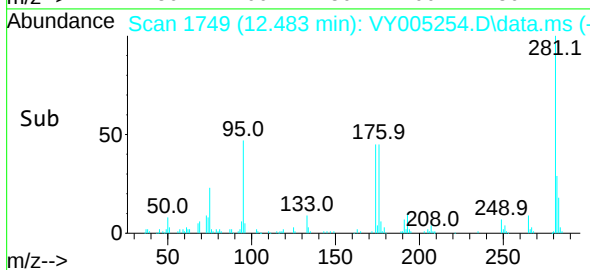
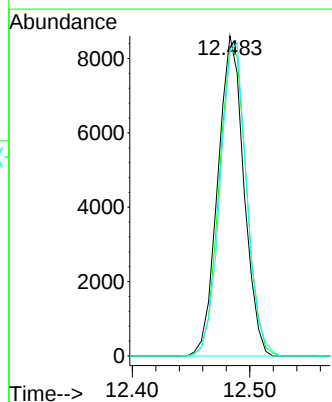
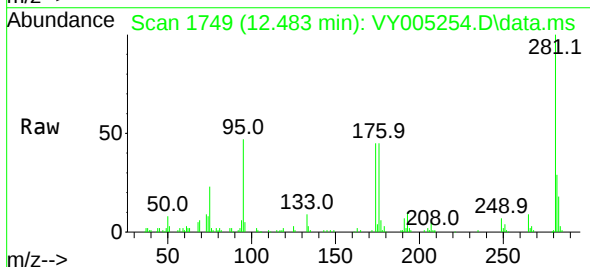
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

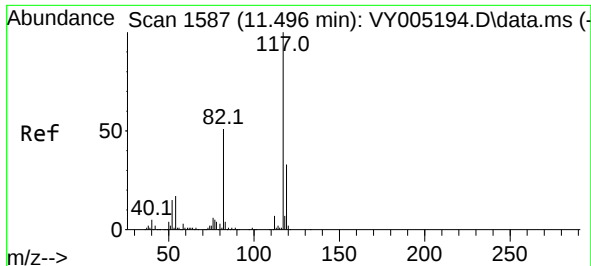
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 135.9 35.3 52.9#



#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion: 95 Resp: 13241
Ion Ratio Lower Upper
95 100
174 100.7 0.0 201.6
176 99.4 0.0 197.4

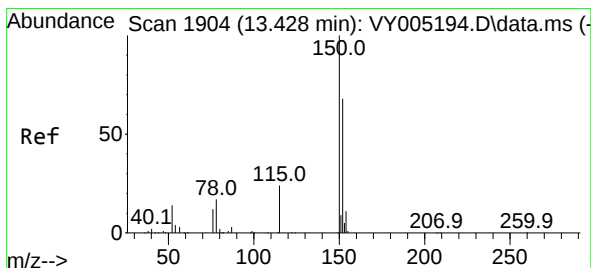
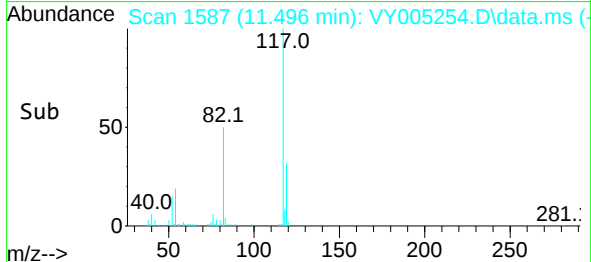
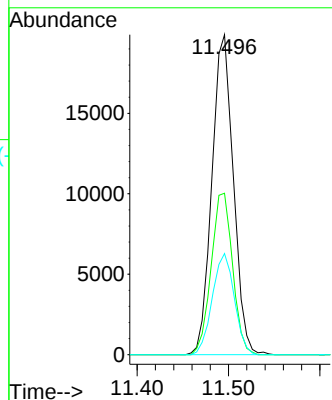
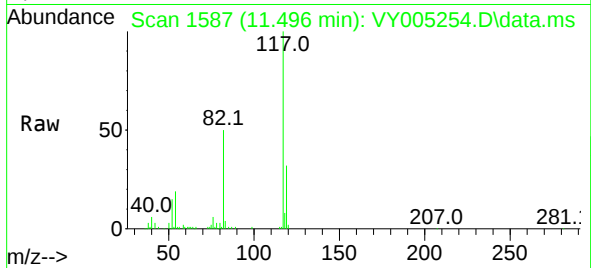




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

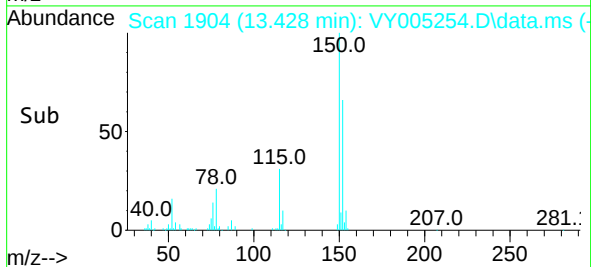
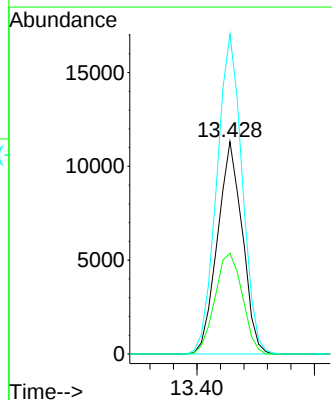
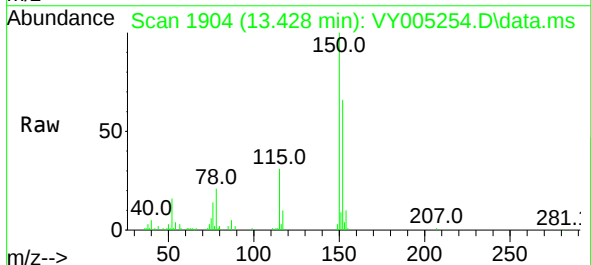
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

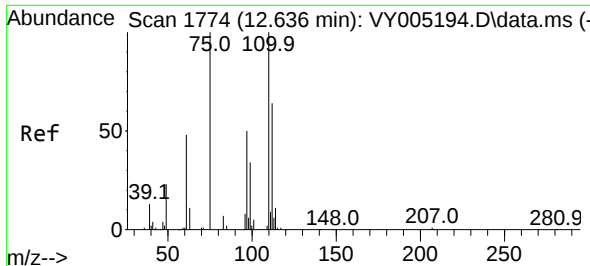
Tgt Ion:	117	Resp:	32427
Ion Ratio	Lower	Upper	
117	100		
82	50.4	40.6	60.8
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion:	152	Resp:	16659
Ion Ratio	Lower	Upper	
152	100		
115	52.1	26.3	78.8
150	153.4	0.0	344.2

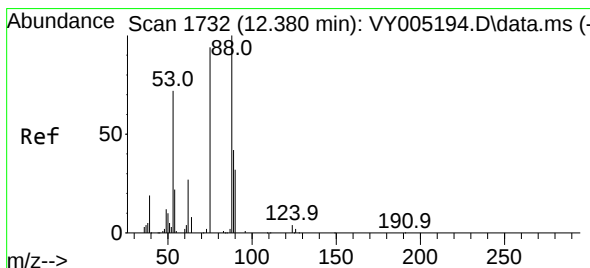
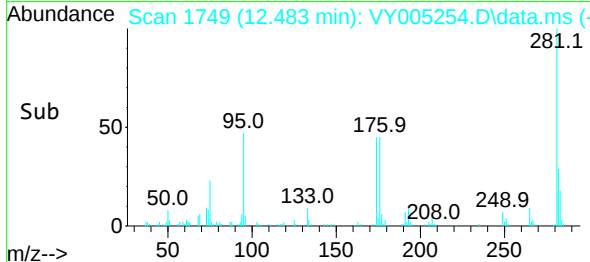
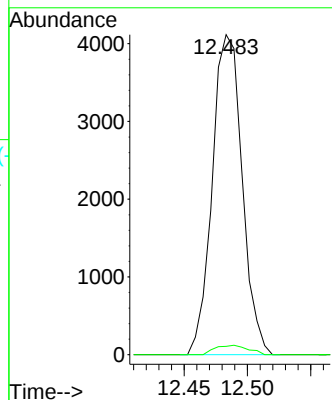
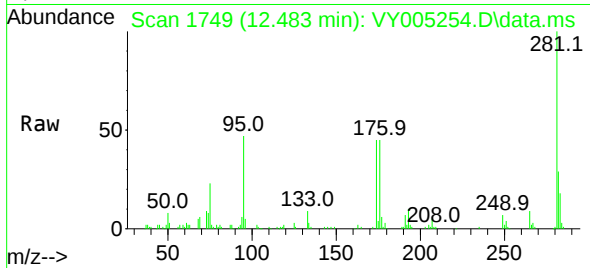




#76
1,2,3-Trichloropropane
Concen: 45.740 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Tgt Ion: 75 Resp: 6758
Ion Ratio Lower Upper
75 100
77 3.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.341 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005254.D
Acq: 28 Jun 2021 17:10

Tgt Ion: 75 Resp: 6758
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 2.0 38.0 57.0#

