

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069366.D
 Acq On : 07 Jun 2021 14:20
 Operator : VA/SY
 Sample : M2601-01RE
 Misc : 7.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236RE

Quant Time: Jun 08 04:22:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

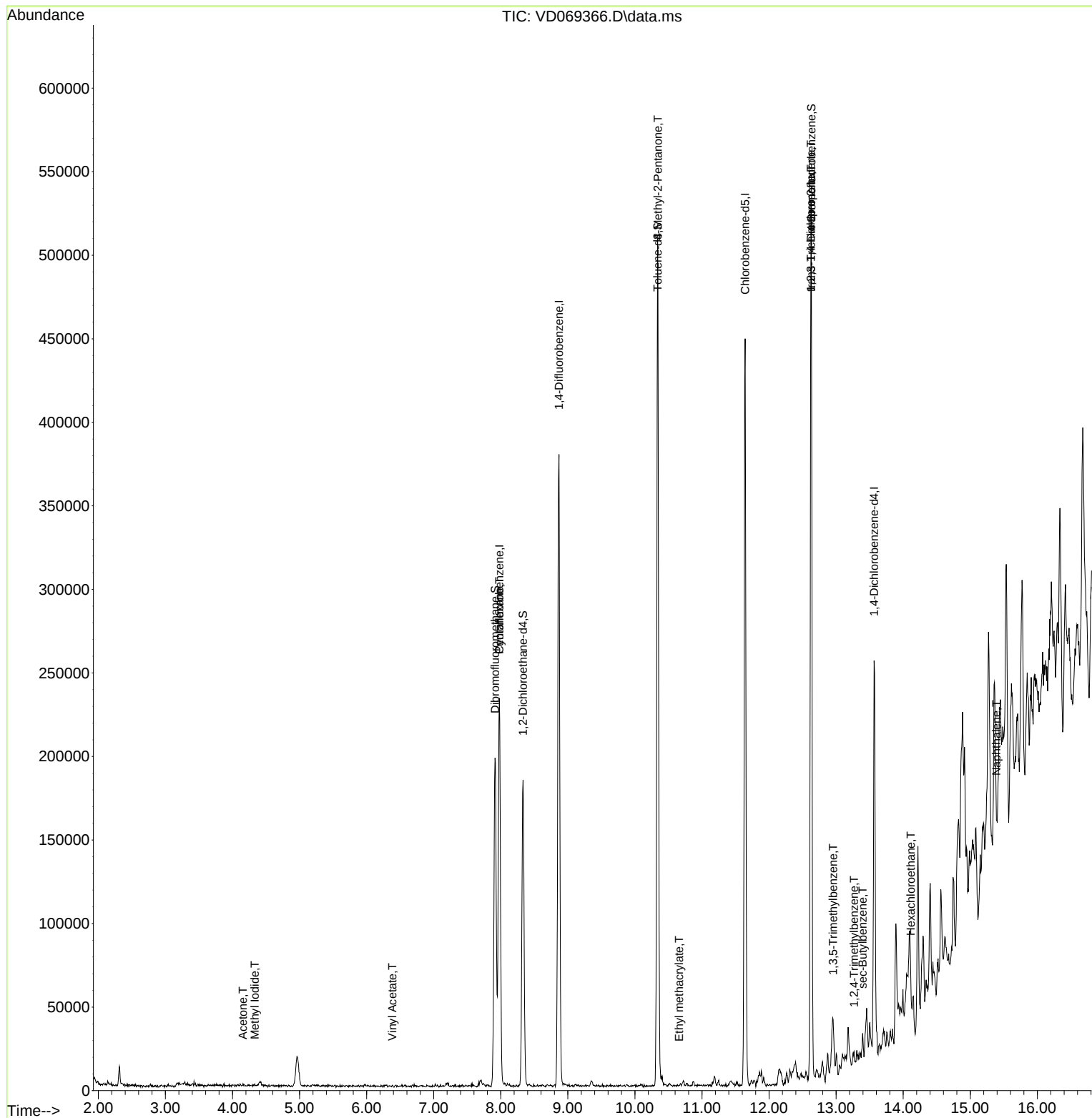
Internal Standards						
1) Pentafluorobenzene	7.979	168	178445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	344522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	277405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	65589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	147531	86.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.32%#			
35) Dibromofluoromethane	7.914	113	143493	66.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.64%			
50) Toluene-d8	10.338	98	360722	45.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.70%			
62) 4-Bromofluorobenzene	12.632	95	91405	35.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.92%			
Target Compounds					Qvalue	
10) Methyl Iodide	4.332	142	162	2.59	ug/l #	39
11) Tert butyl alcohol	5.209	59	60	Below Cal	#	73
16) Acetone	4.156	43	1532	5.13	ug/l #	82
20) Methylene Chloride	4.962	84	14736	Below Cal		94
23) Vinyl Acetate	6.385	43	60	11.63	ug/l #	67
31) Cyclohexane	7.979	56	4203	1.54	ug/l #	10
51) 4-Methyl-2-Pentanone	10.344	43	1327	1.24	ug/l #	1
56) Ethyl methacrylate	10.661	69	108	2.69	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	48196	84.58	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.955	105	5676	1.49	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.626	75	48196	187.42	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.267	105	5592	1.48	ug/l	96
85) sec-Butylbenzene	13.396	105	9665	2.06	ug/l	95
90) Hexachloroethane	14.114	117	1556	1.99	ug/l #	14
95) Naphthalene	15.390	128	7906	6.60	ug/l #	78

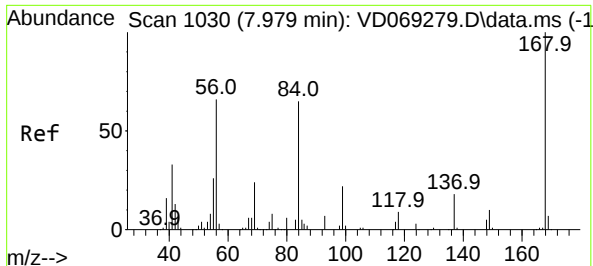
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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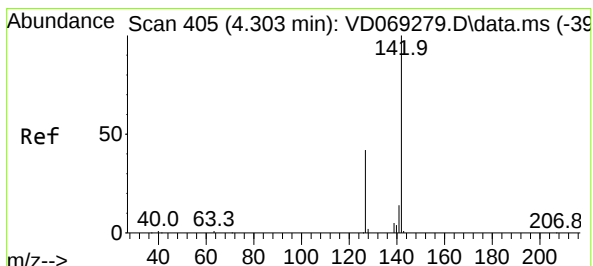
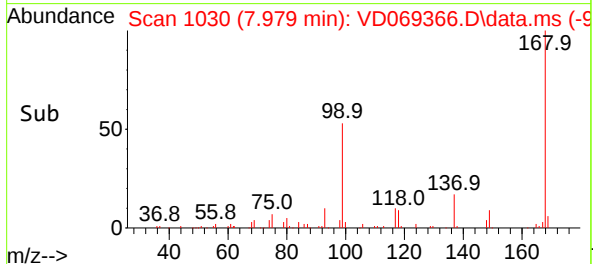
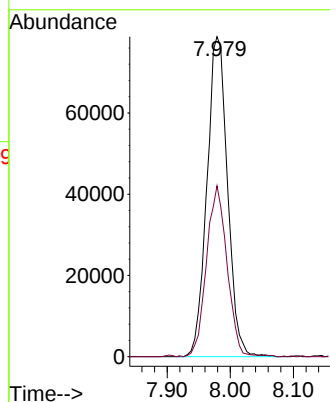
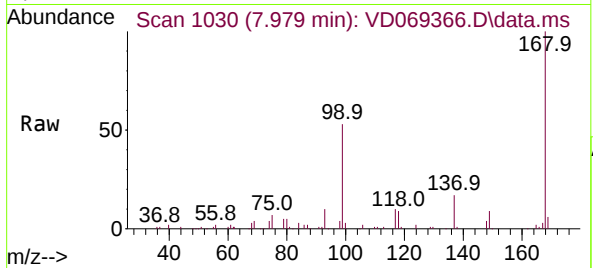




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

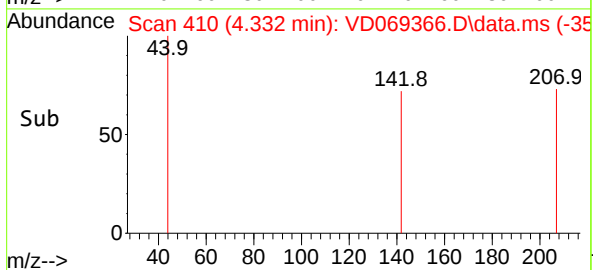
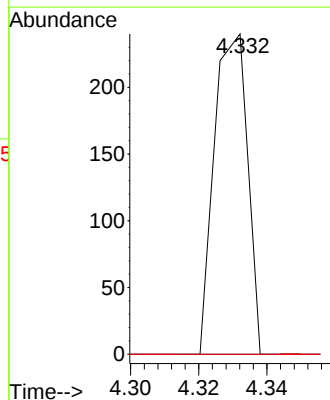
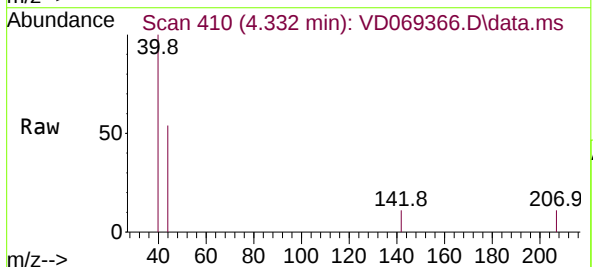
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

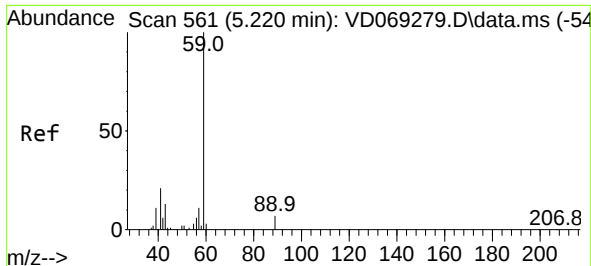
Tgt Ion:168 Resp: 178445
Ion Ratio Lower Upper
168 100
99 53.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.59 ug/l
RT: 4.332 min Scan# 410
Delta R.T. 0.029 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



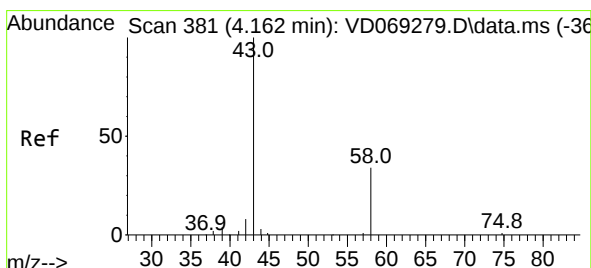
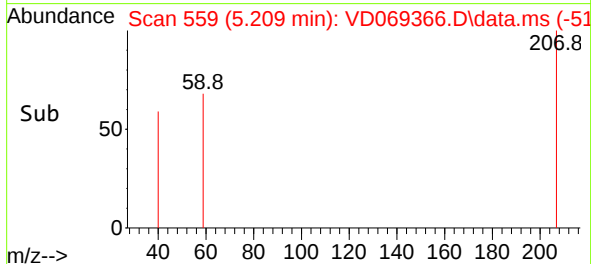
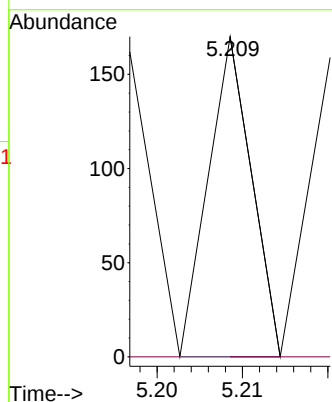
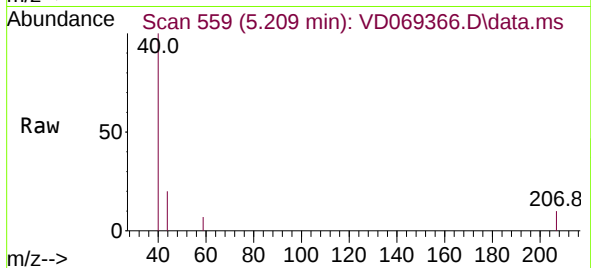


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

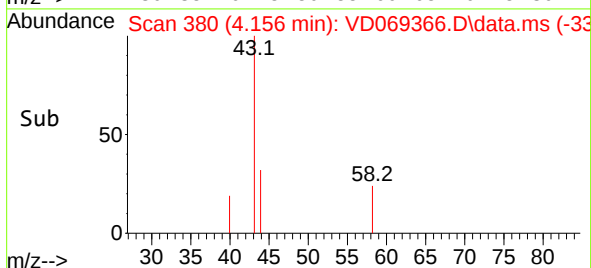
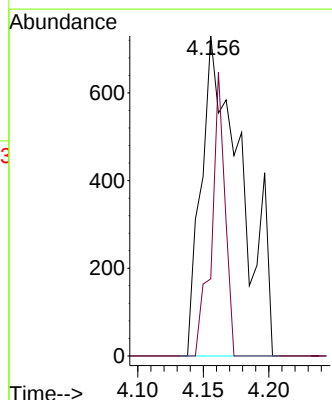
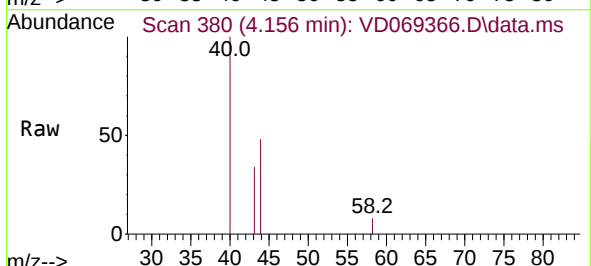
Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

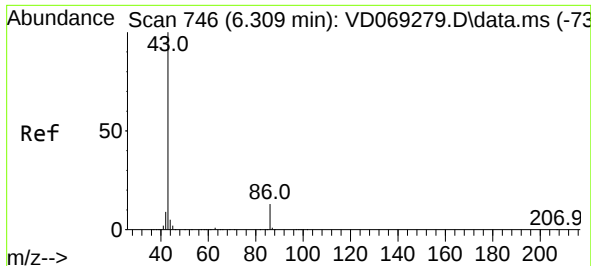


#16

Acetone
Concen: 5.13 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 24.1 27.5 41.3#

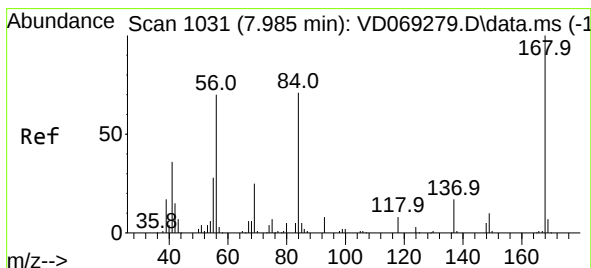
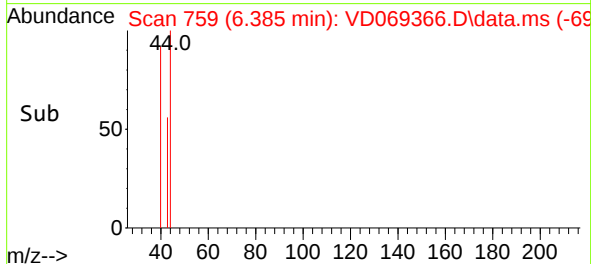
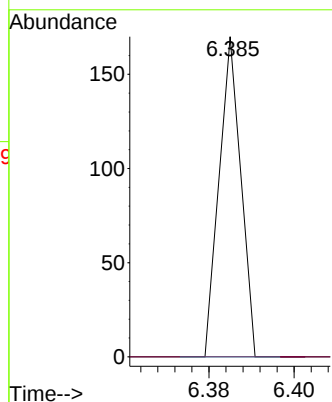
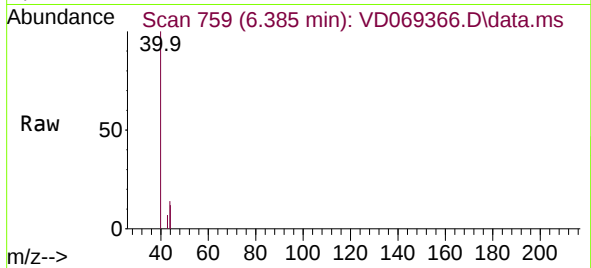




#23
 Vinyl Acetate
 Concen: 11.63 ug/l
 RT: 6.385 min Scan# 759
 Delta R.T. 0.076 min
 Lab File: VD069366.D
 Acq: 07 Jun 2021 14:20

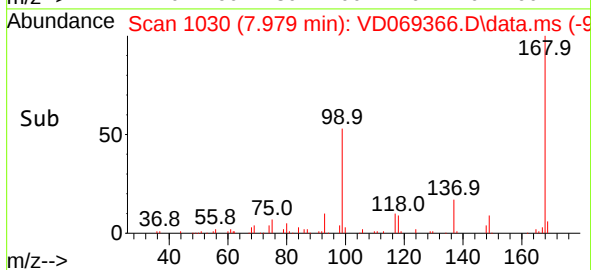
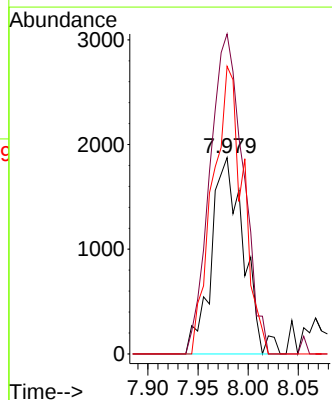
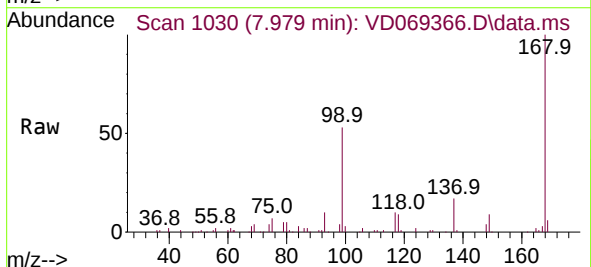
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236RE

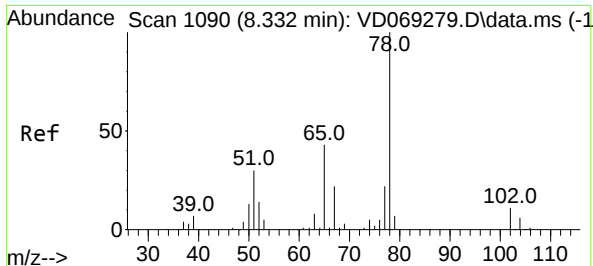
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.54 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069366.D
 Acq: 07 Jun 2021 14:20

Tgt Ion: 56 Resp: 4203
 Ion Ratio Lower Upper
 56 100
 69 163.0 29.0 43.4#
 84 146.6 81.1 121.7#

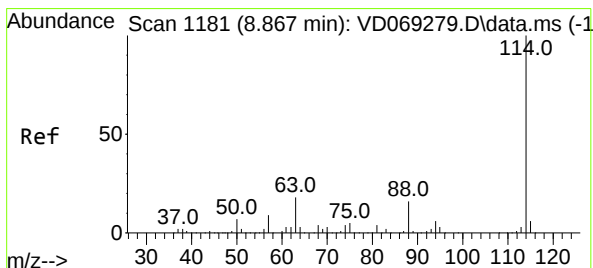
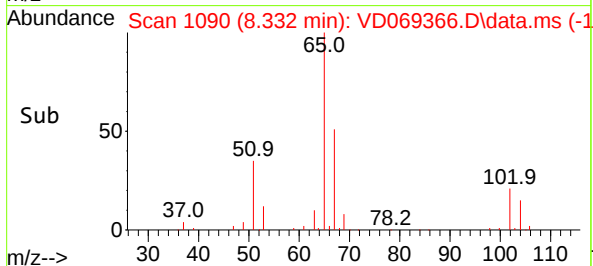
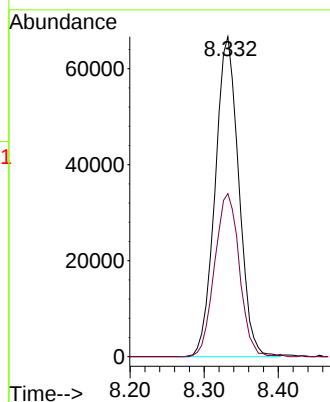
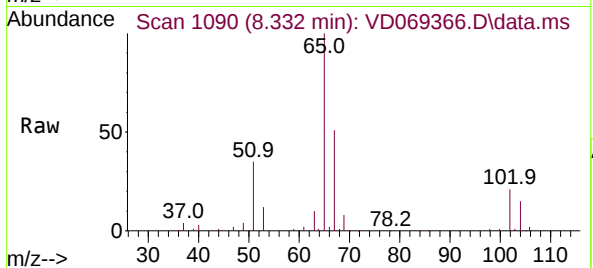




#33
1,2-Dichloroethane-d4
Concen: 86.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

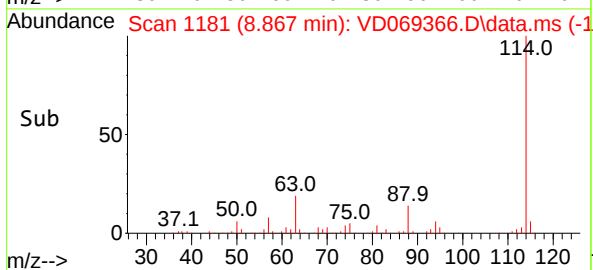
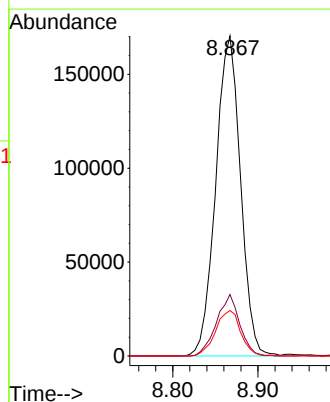
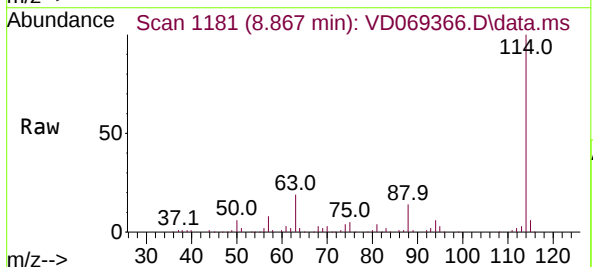
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

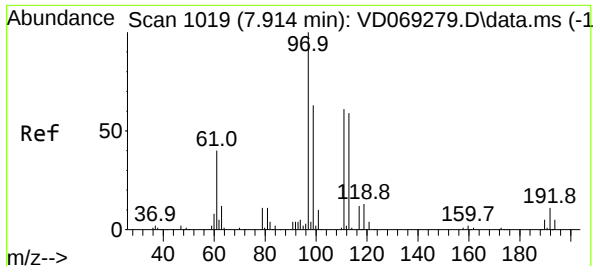
Tgt Ion: 65 Resp: 147531
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion: 114 Resp: 344522
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.6
88 14.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 66.32 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069366.D

Acq: 07 Jun 2021 14:20

Instrument :

MSVOA_D

ClientSampleId :

VNJ-236RE

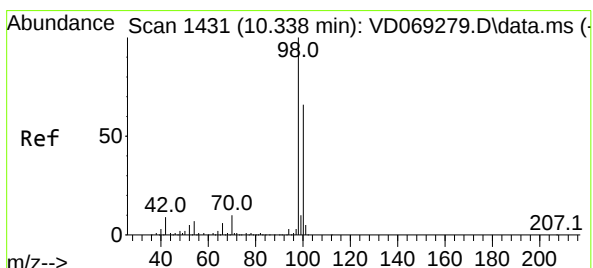
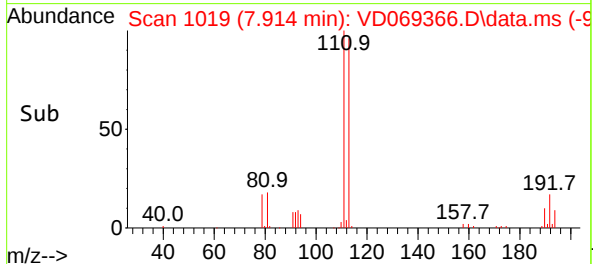
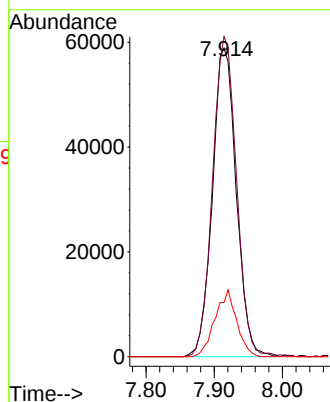
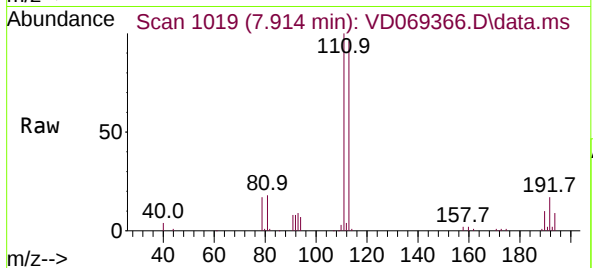
Tgt Ion:113 Resp: 143493

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 19.6 15.1 22.7



#50

Toluene-d8

Concen: 45.85 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069366.D

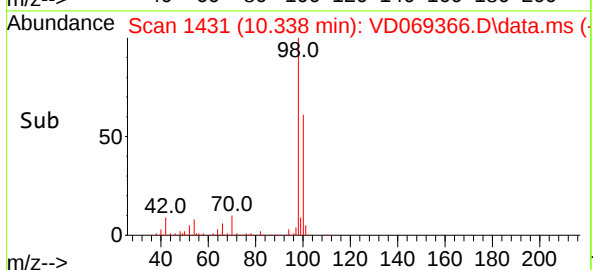
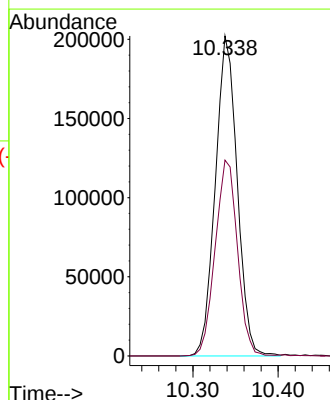
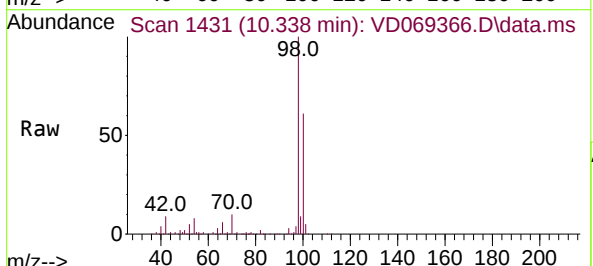
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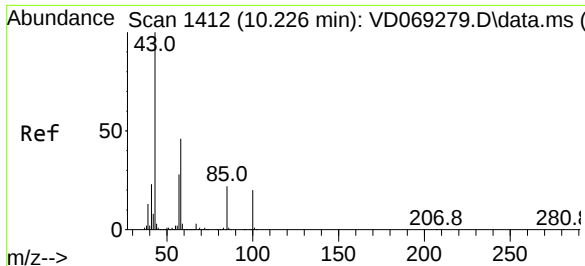
Tgt Ion: 98 Resp: 360722

Ion Ratio Lower Upper

98 100

100 62.4 52.1 78.1

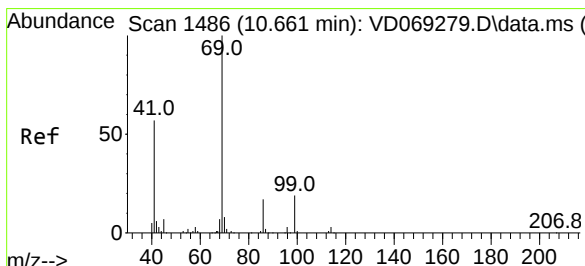
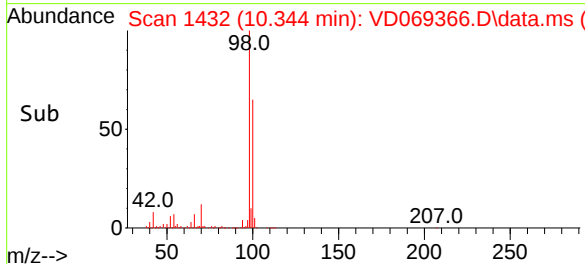
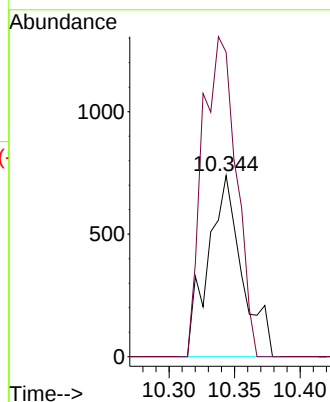
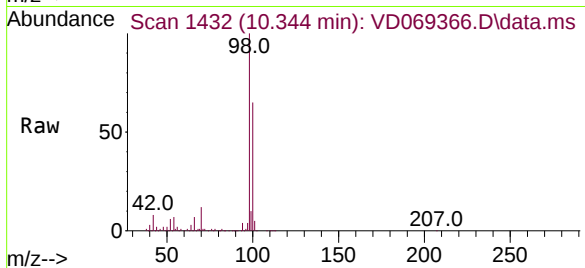




#51
4-Methyl-2-Pentanone
Concen: 1.24 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

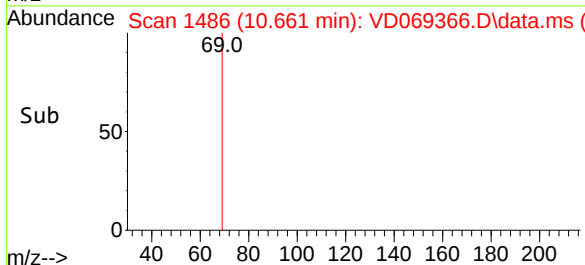
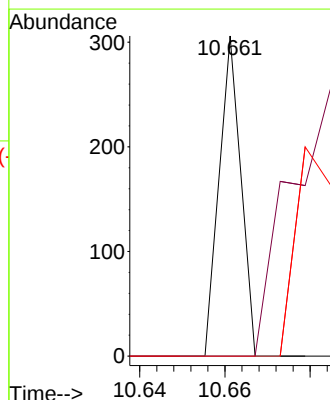
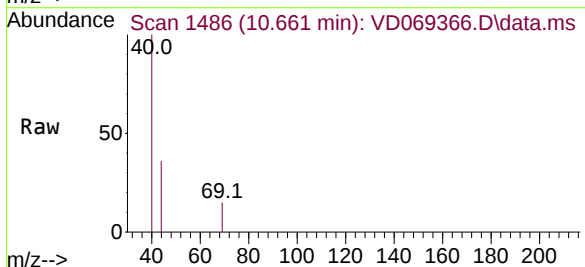
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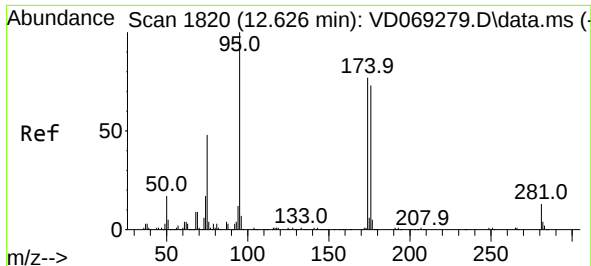
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 176.0 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.69 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion: 69 Resp: 108
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#

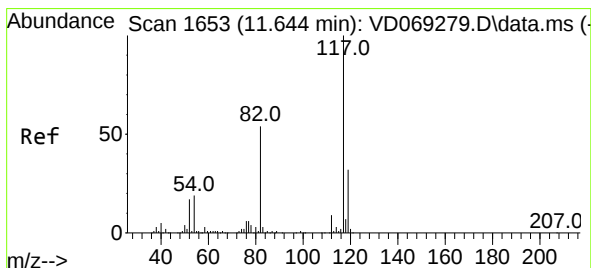
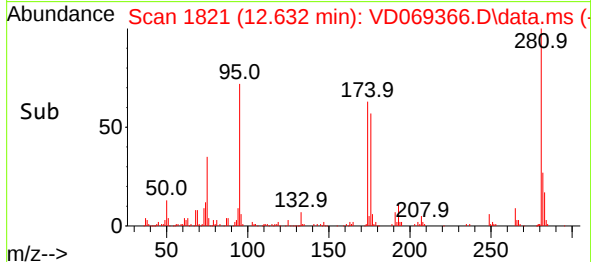
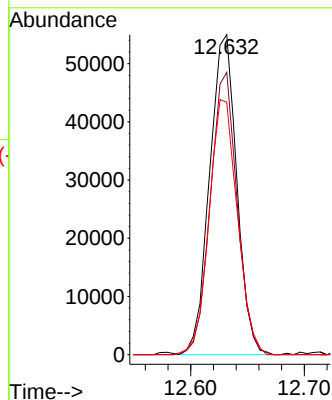
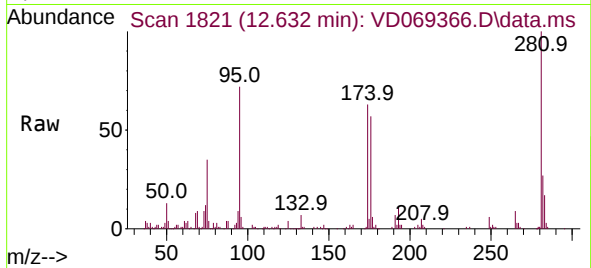




#62
4-Bromofluorobenzene
Concen: 35.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

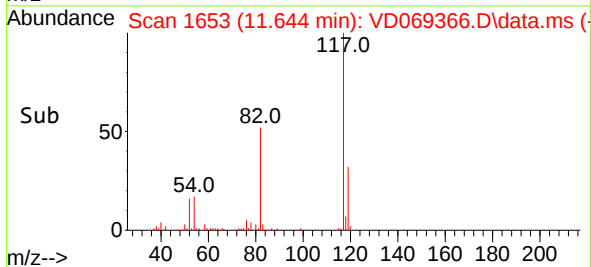
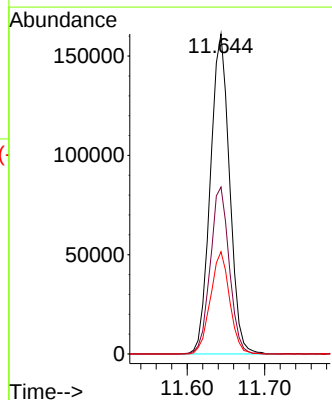
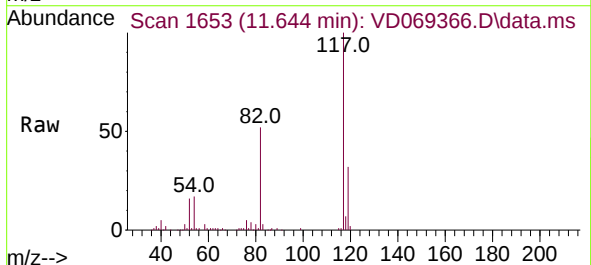
Instrument :
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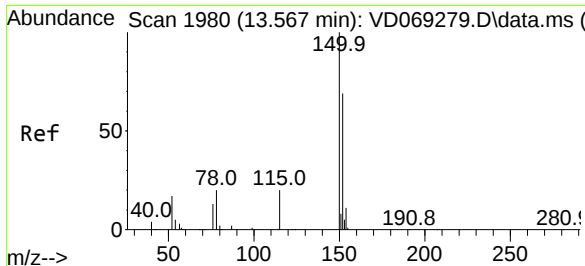
Tgt Ion: 95 Resp: 91405
Ion Ratio Lower Upper
95 100
174 87.0 0.0 162.8
176 82.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion: 117 Resp: 277405
Ion Ratio Lower Upper
117 100
82 52.2 43.3 64.9
119 31.9 25.3 37.9

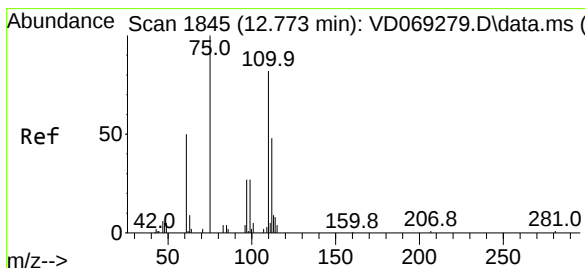
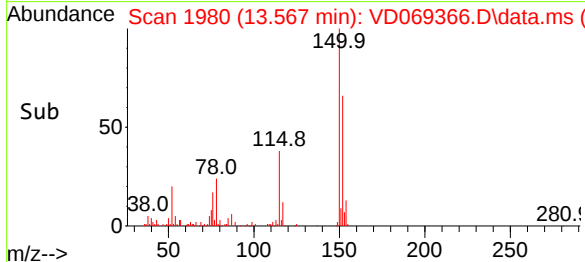
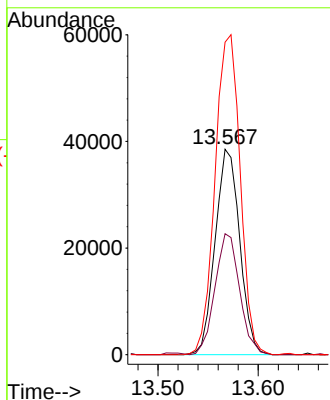
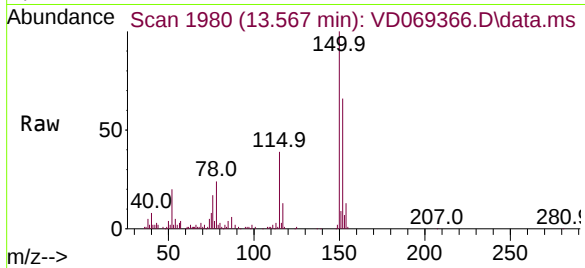




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069366.D
 Acq: 07 Jun 2021 14:20

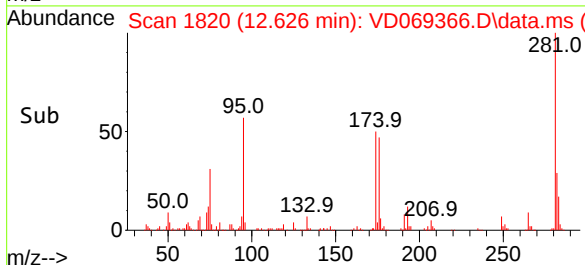
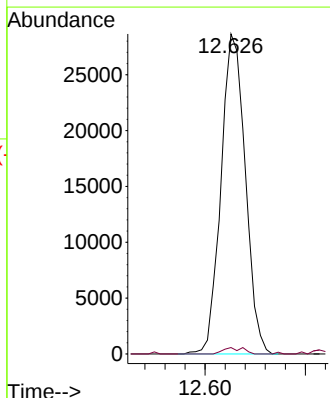
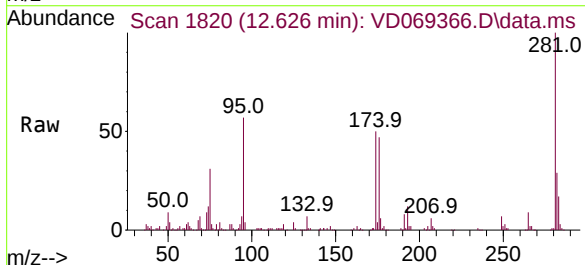
Instrument :
 MSVOA_D
 ClientSampleID :
 VNJ-236RE

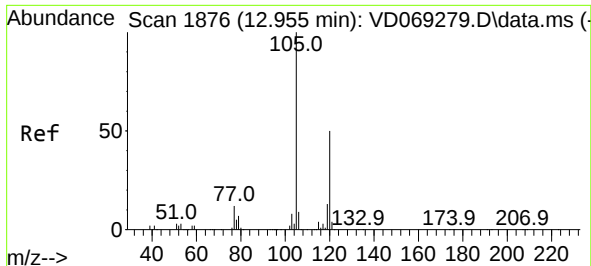
Tgt Ion:152 Resp: 65589
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.4 88.3
 150 159.5 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 84.58 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069366.D
 Acq: 07 Jun 2021 14:20

Tgt Ion: 75 Resp: 48196
 Ion Ratio Lower Upper
 75 100
 77 1.6 183.8 551.2#

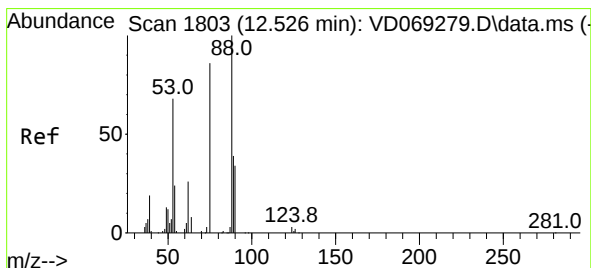
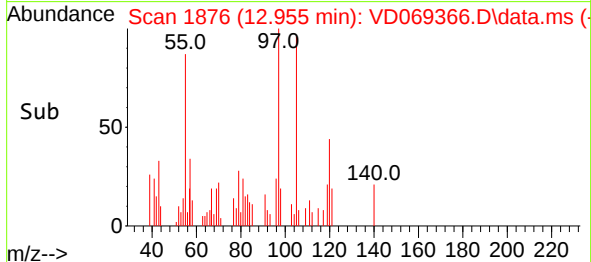
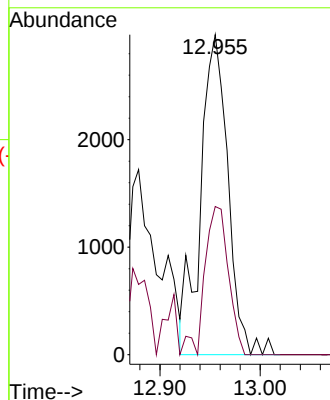
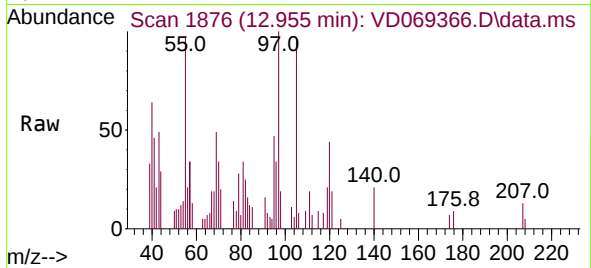




#80
1,3,5-Trimethylbenzene
Concen: 1.49 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

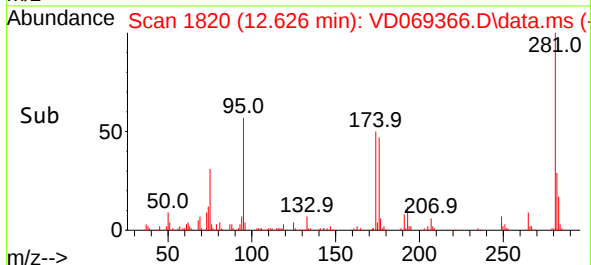
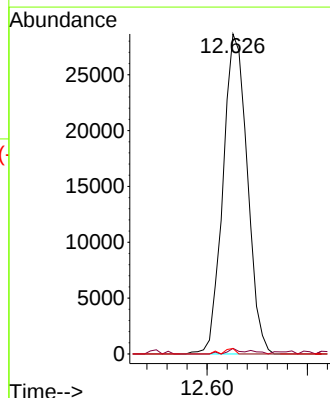
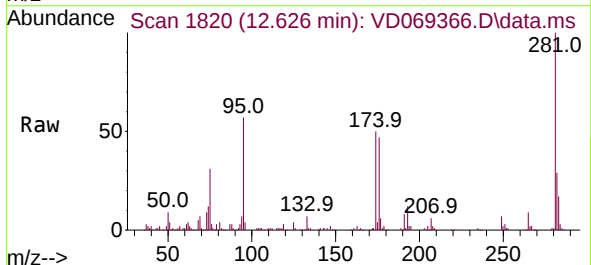
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

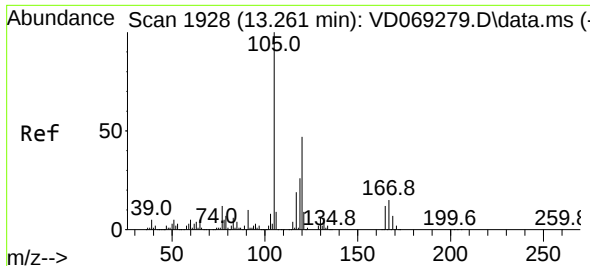
Tgt Ion:105 Resp: 5676
Ion Ratio Lower Upper
105 100
120 37.9 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 187.42 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion: 75 Resp: 48196
Ion Ratio Lower Upper
75 100
53 0.9 62.6 94.0#
89 0.8 35.6 53.4#

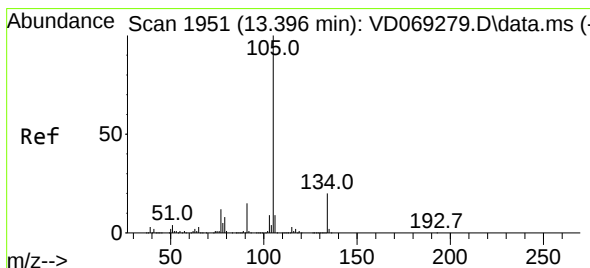
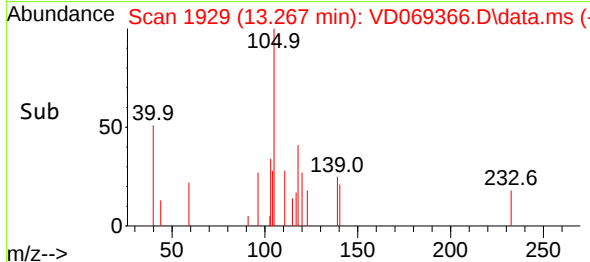
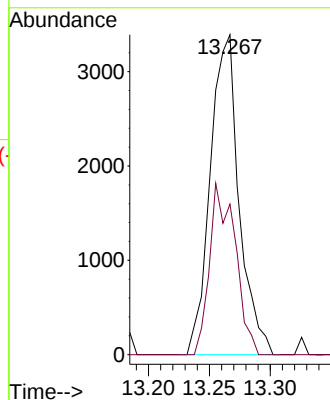
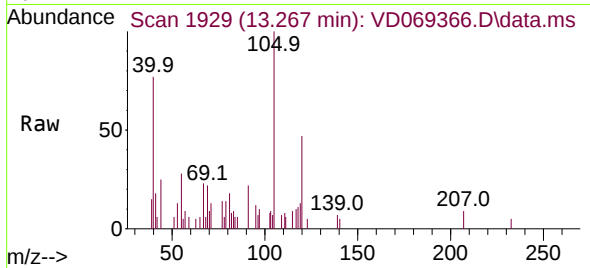




#84
1,2,4-Trimethylbenzene
Concen: 1.48 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

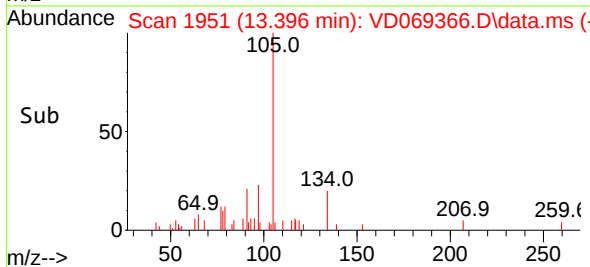
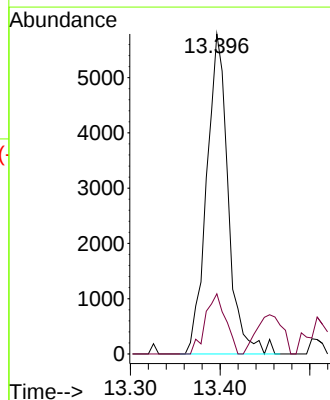
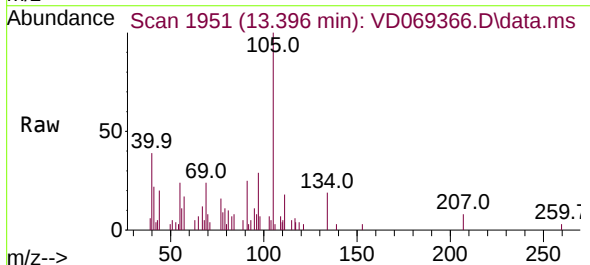
Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

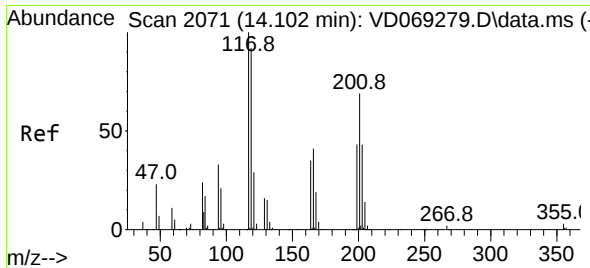
Tgt Ion:105 Resp: 5592
Ion Ratio Lower Upper
105 100
120 47.6 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.06 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion:105 Resp: 9665
Ion Ratio Lower Upper
105 100
134 17.7 10.1 30.3

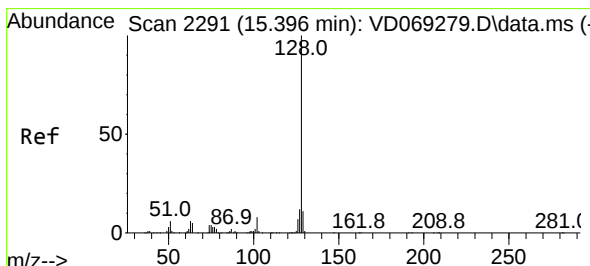
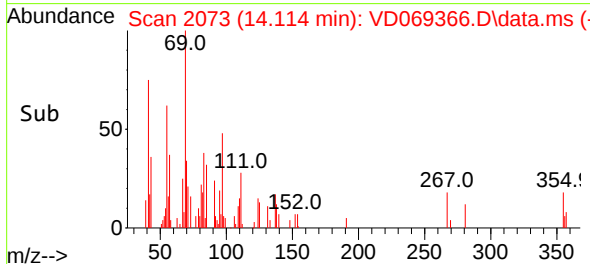
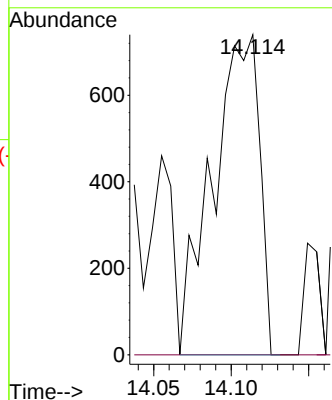
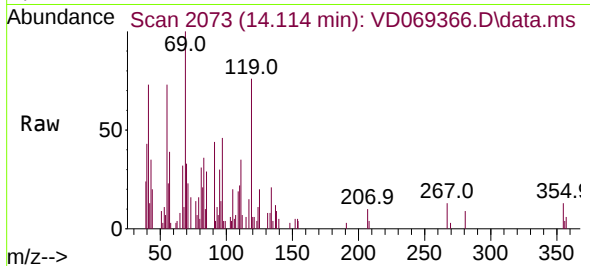




#90
Hexachloroethane
Concen: 1.99 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.012 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236RE

Tgt Ion:117 Resp: 1556
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#95
Naphthalene
Concen: 6.60 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069366.D
Acq: 07 Jun 2021 14:20

Tgt Ion:128 Resp: 7906
Ion Ratio Lower Upper
128 100
127 6.8 10.4 15.6#
129 0.0 8.8 13.2#

