

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069270.D
 Acq On : 25 May 2021 13:29
 Operator : VA/SY
 Sample : M2500-01
 Misc : 4.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-052421

Quant Time: May 26 01:05:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

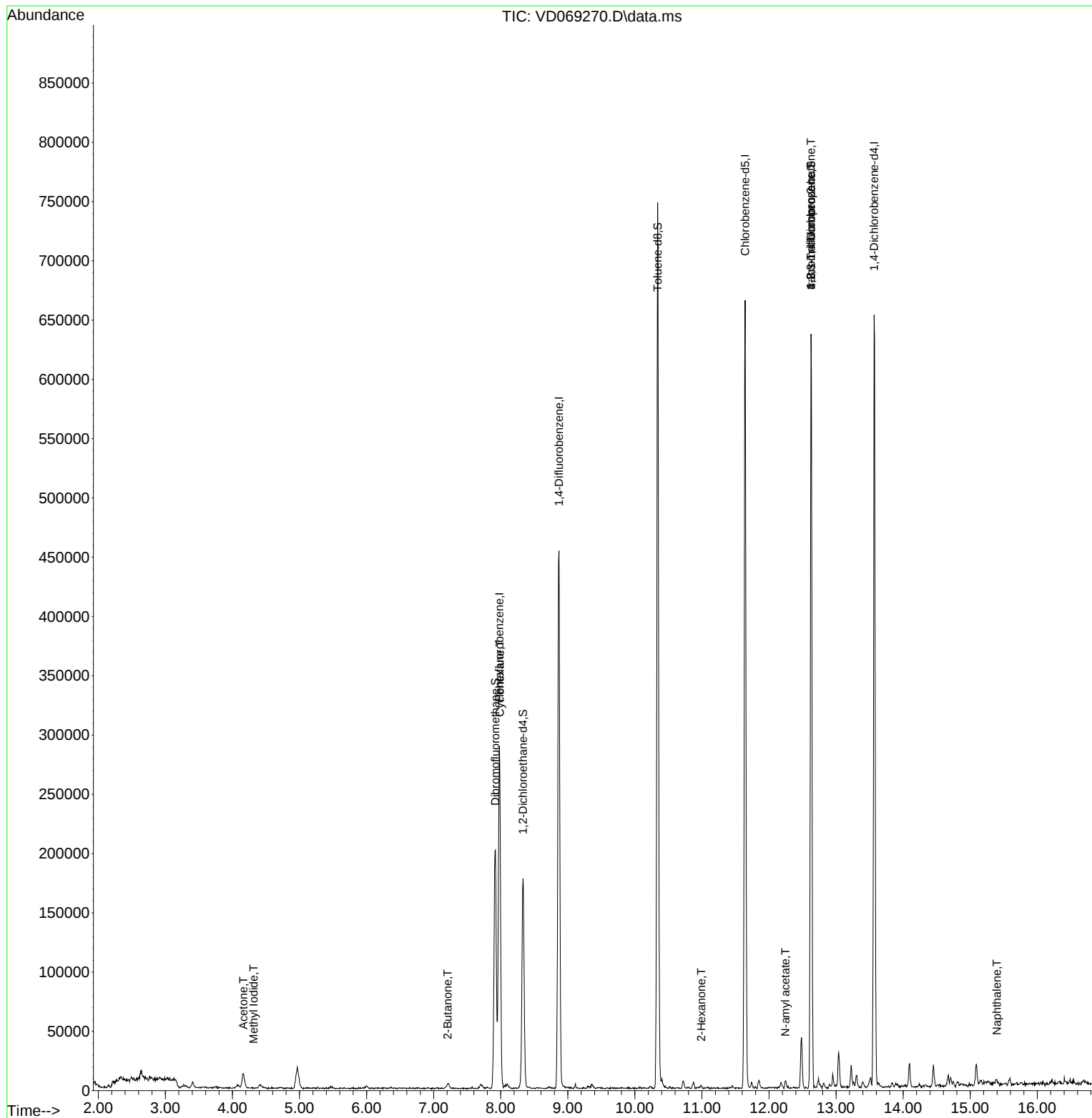
Internal Standards						
1) Pentafluorobenzene	7.979	168	207270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	401244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	384545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	168863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138635	66.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.44%			
35) Dibromofluoromethane	7.920	113	146645	56.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.32%			
50) Toluene-d8	10.338	98	504727	52.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.22%			
62) 4-Bromofluorobenzene	12.626	95	161006	52.15	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.30%			
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	405	1.09	ug/l #	55
11) Tert butyl alcohol	5.215	59	111	Below Cal	#	73
16) Acetone	4.162	43	20304	63.80	ug/l	90
20) Methylene Chloride	4.968	84	14206	Below Cal		96
25) 2-Butanone	7.209	43	1158	2.69	ug/l #	77
31) Cyclohexane	7.985	56	5871	1.91	ug/l #	62
49) 1,4-Dioxane	9.420	88	64	Below Cal	#	29
59) 2-Hexanone	10.991	43	1985	2.54	ug/l	69
74) N-amyl acetate	12.244	43	4084	2.12	ug/l #	41
76) 1,2,3-Trichloropropane	12.626	75	84701	66.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	84701	134.79	ug/l #	14
95) Naphthalene	15.396	128	3521	2.66	ug/l #	91

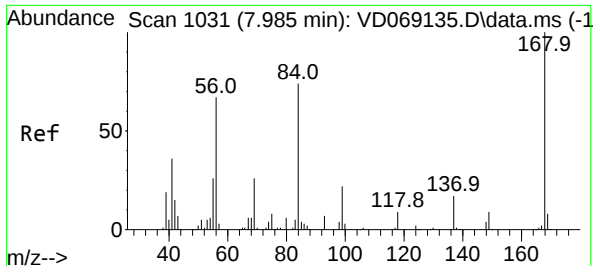
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 01:05:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
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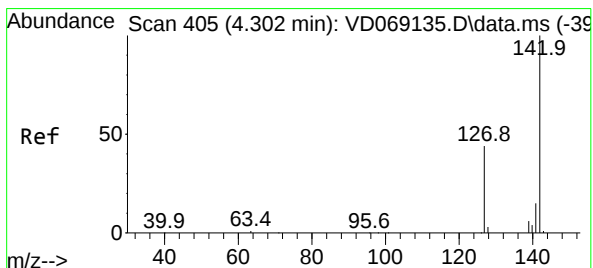
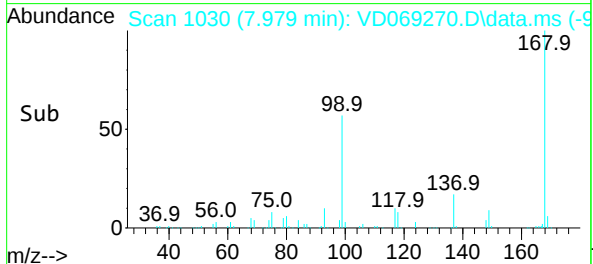
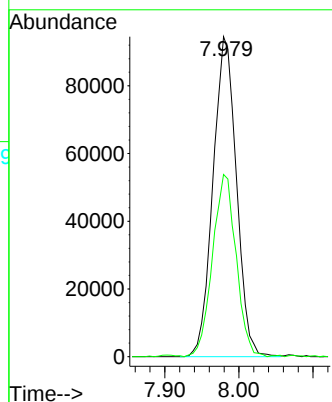
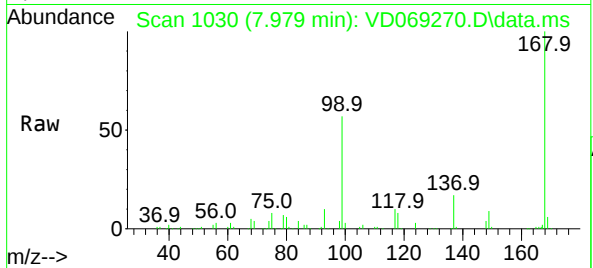




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

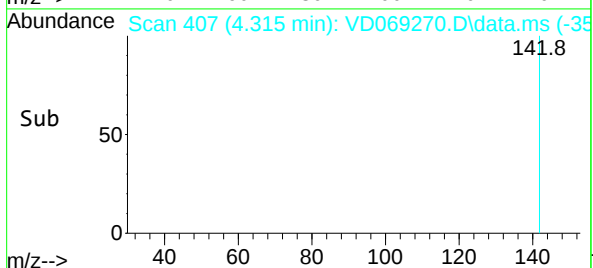
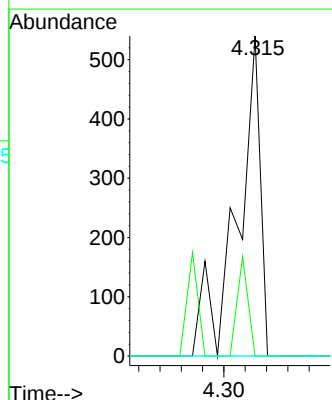
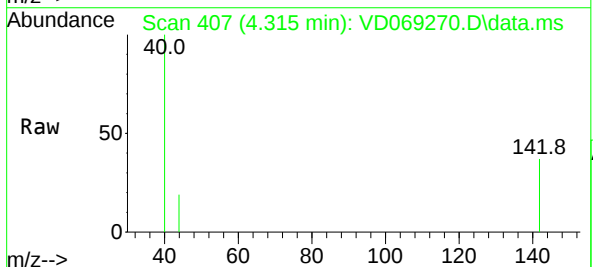
Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

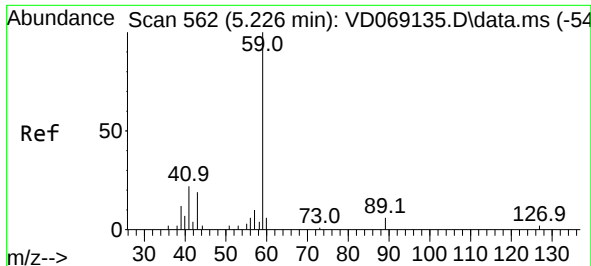
Tgt Ion:168 Resp: 207270
Ion Ratio Lower Upper
168 100
99 56.6 47.2 70.8



#10
Methyl Iodide
Concen: 1.09 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.013 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion:142 Resp: 405
Ion Ratio Lower Upper
142 100
127 14.6 37.3 55.9#
141 0.0 12.2 18.4#

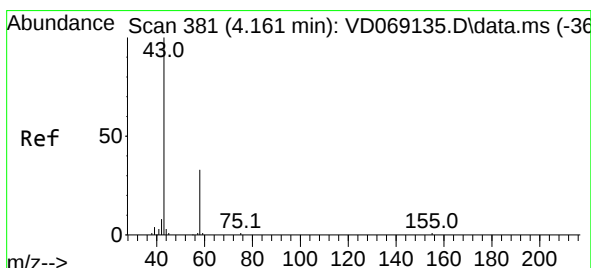
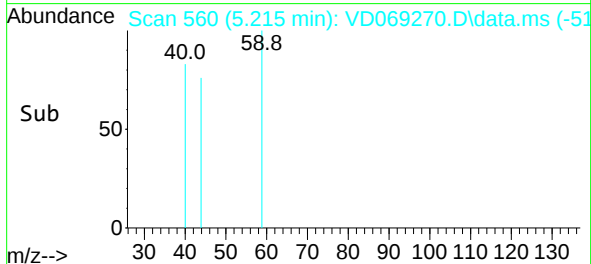
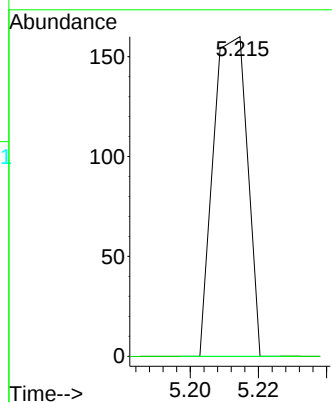
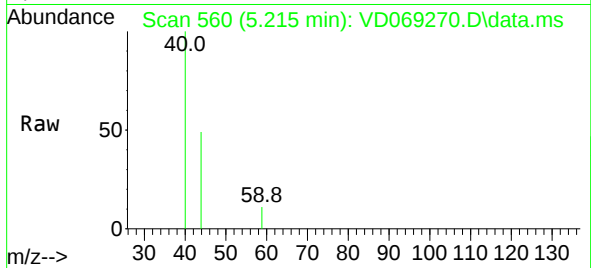




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

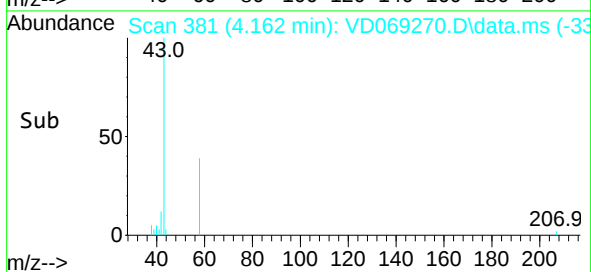
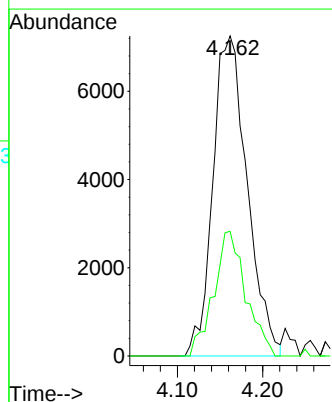
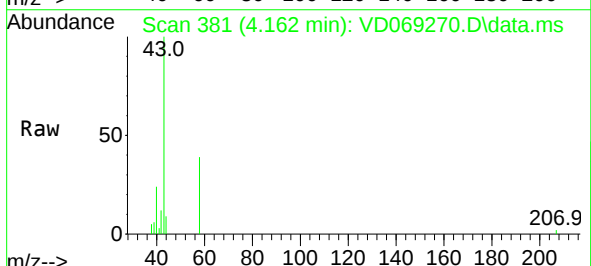
Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

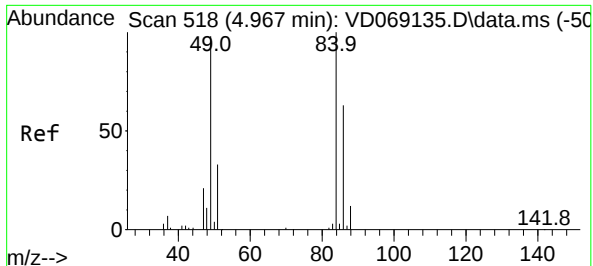
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 63.80 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion: 43 Resp: 20304
Ion Ratio Lower Upper
43 100
58 39.0 26.7 40.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. 0.001 min

Lab File: VD069270.D

Acq: 25 May 2021 13:29

Instrument :

MSVOA_D

ClientSampleId :

NB-08-052421

Tgt Ion: 84 Resp: 14206

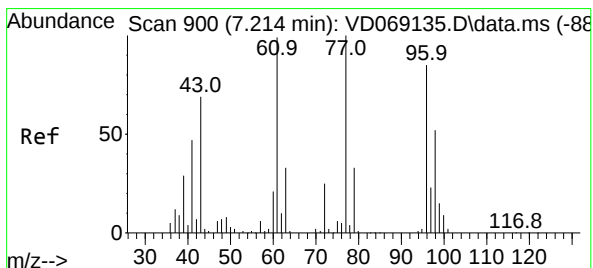
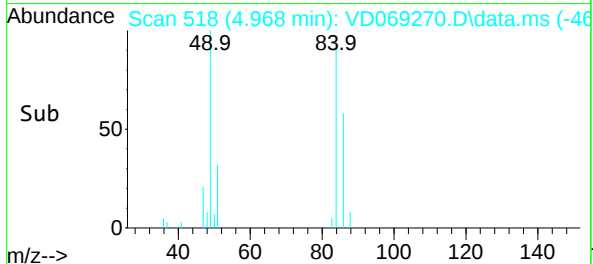
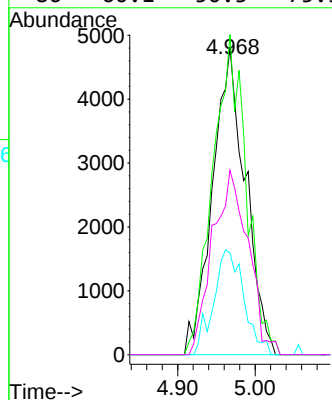
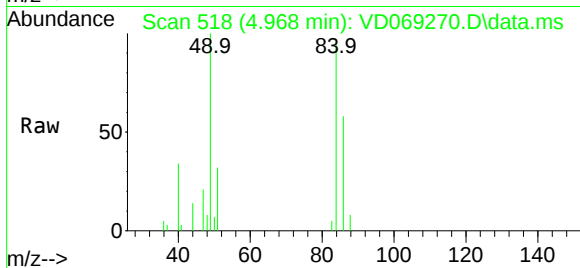
Ion Ratio Lower Upper

84 100

49 104.2 78.6 117.8

51 33.2 26.7 40.1

86 60.1 50.3 75.5



#25

2-Butanone

Concen: 2.69 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD069270.D

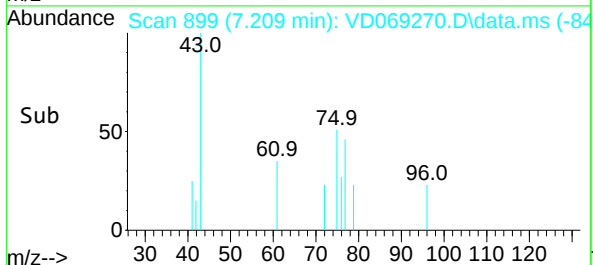
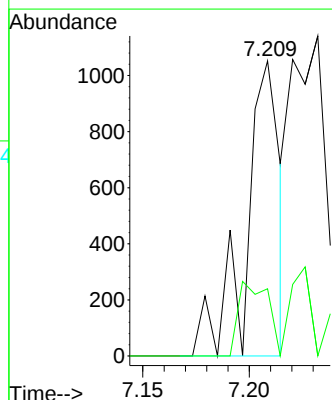
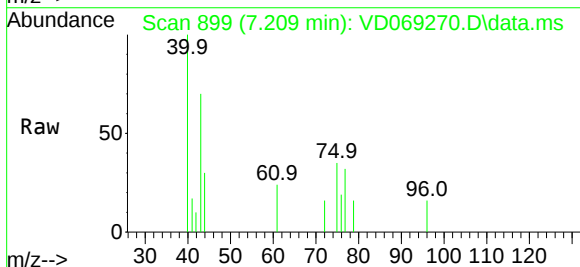
Acq: 25 May 2021 13:29

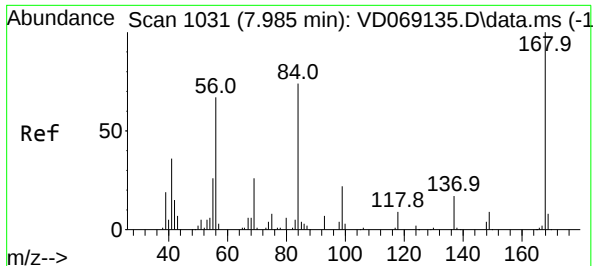
Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

72 22.8 29.1 43.7#

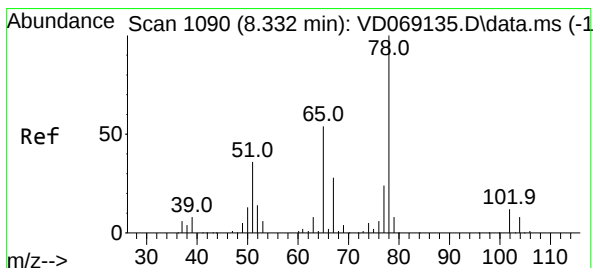
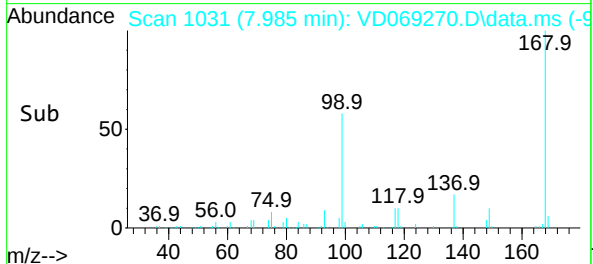
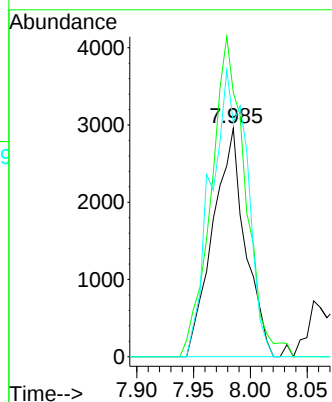
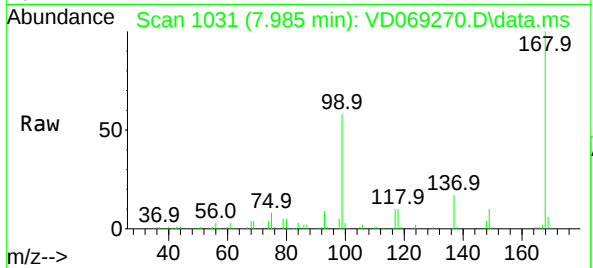




#31
Cyclohexane
Concen: 1.91 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

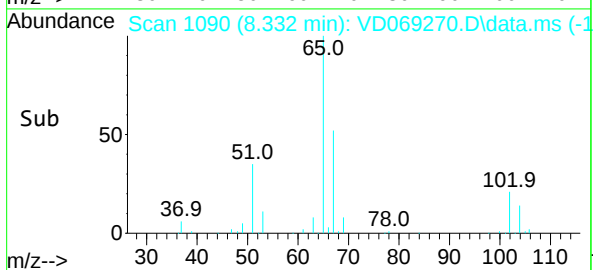
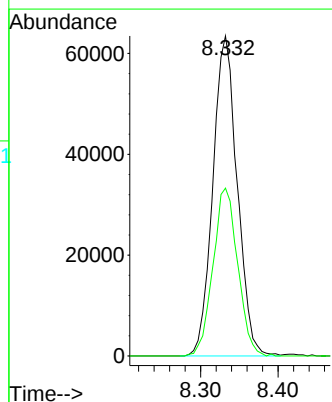
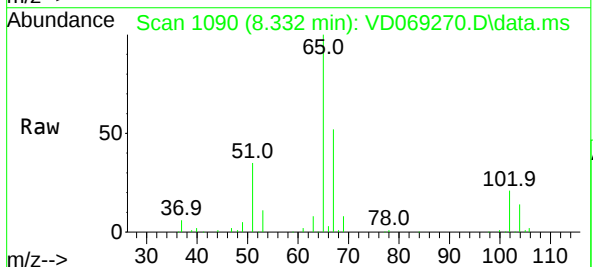
Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

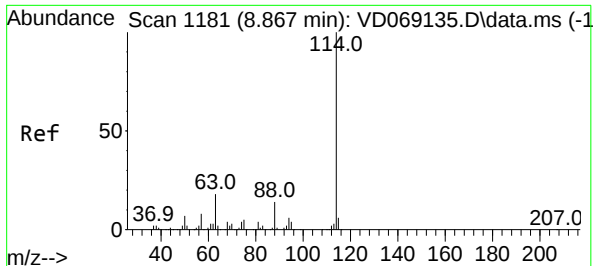
Tgt Ion: 56 Resp: 5871
Ion Ratio Lower Upper
56 100
69 115.4 30.6 46.0#
84 102.5 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 66.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion: 65 Resp: 138635
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069270.D

Acq: 25 May 2021 13:29

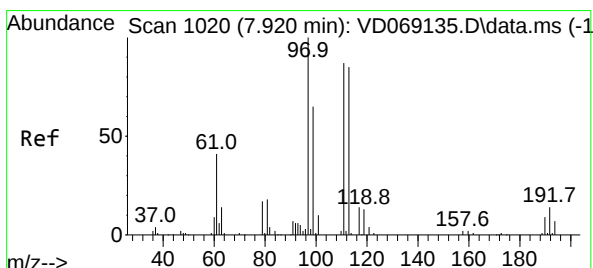
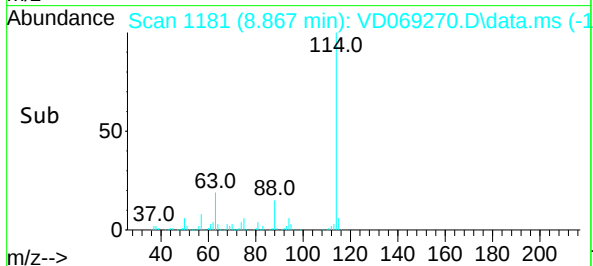
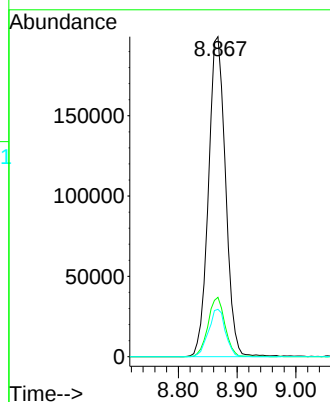
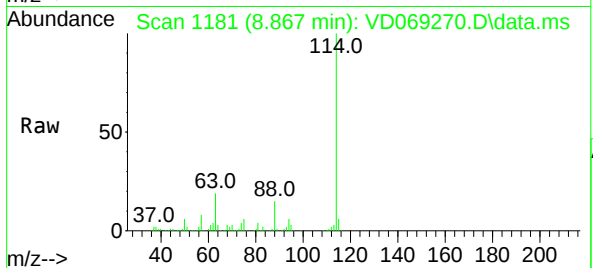
Instrument :

MSVOA_D

ClientSampleId :

NB-08-052421

Tgt Ion:	114	Resp:	401244
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	36.4
88	14.8	0.0	28.2



#35

Dibromofluoromethane

Concen: 56.16 ug/l

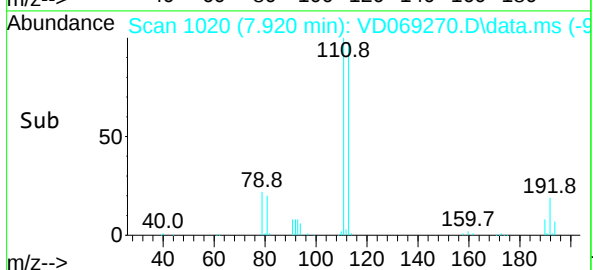
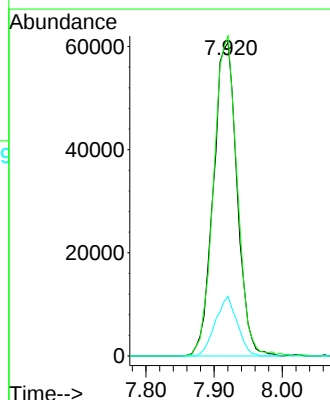
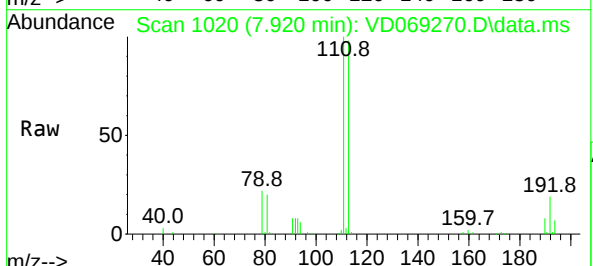
RT: 7.920 min Scan# 1020

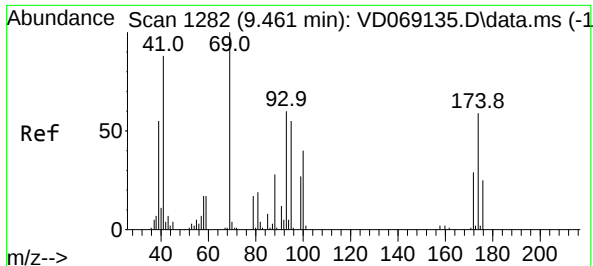
Delta R.T. 0.000 min

Lab File: VD069270.D

Acq: 25 May 2021 13:29

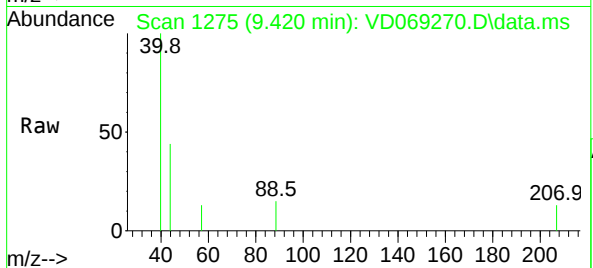
Tgt Ion:	113	Resp:	146645
Ion Ratio	Lower	Upper	
113	100		
111	101.8	80.6	120.8
192	17.6	14.8	22.2



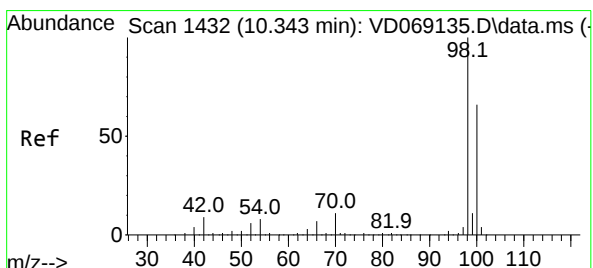
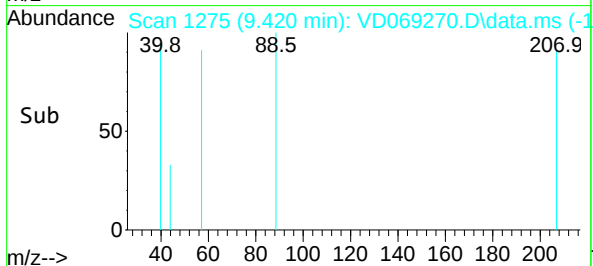
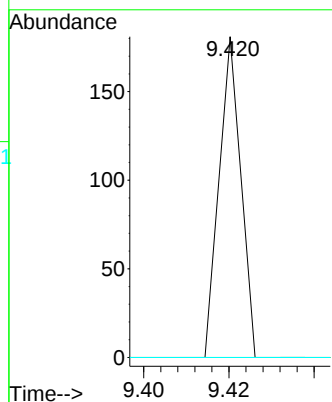


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.420 min Scan# 1275
Delta R.T. -0.041 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Instrument :
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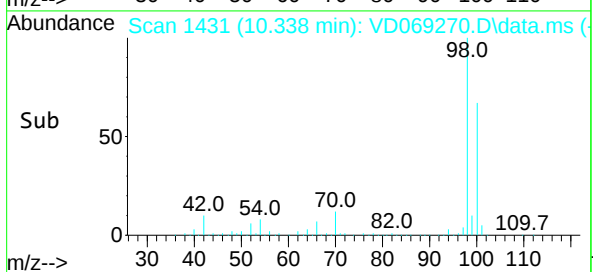
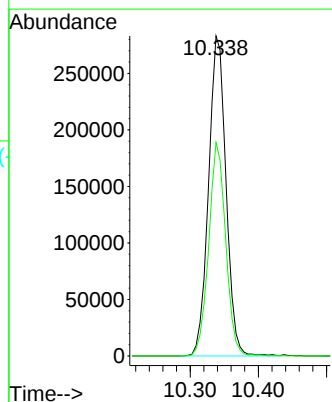
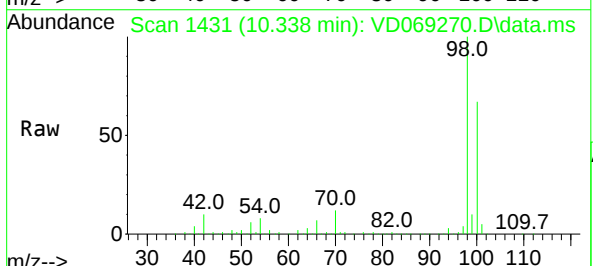


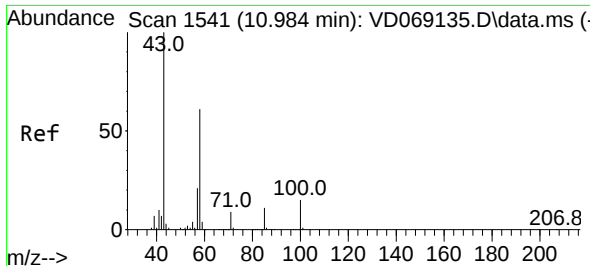
Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 26.7 40.1#
58 0.0 45.8 68.6#



#50
Toluene-d8
Concen: 52.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

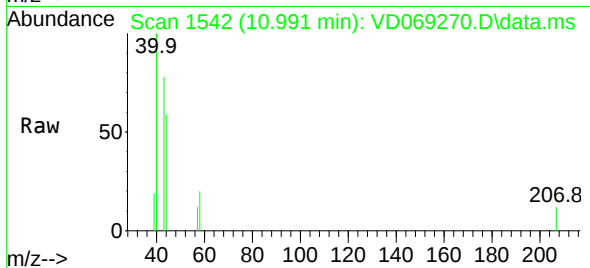
Tgt Ion: 98 Resp: 504727
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



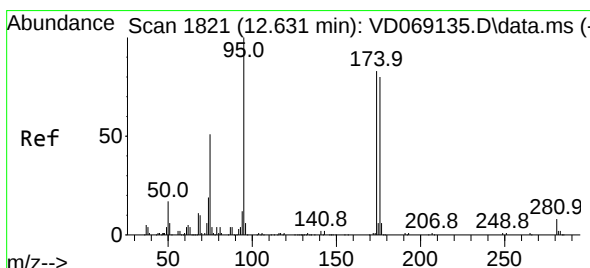
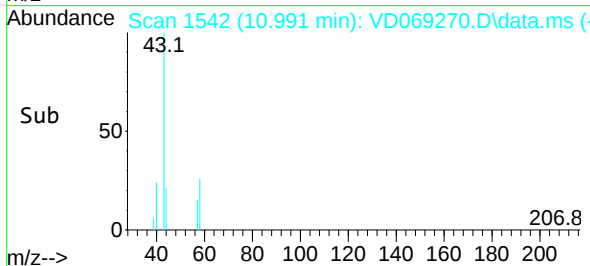
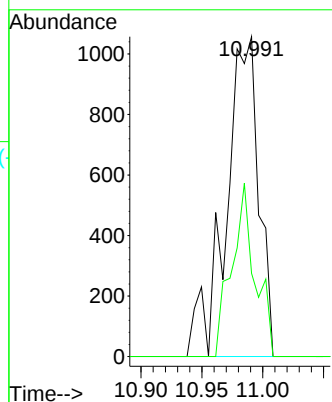


#59
2-Hexanone
Concen: 2.54 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

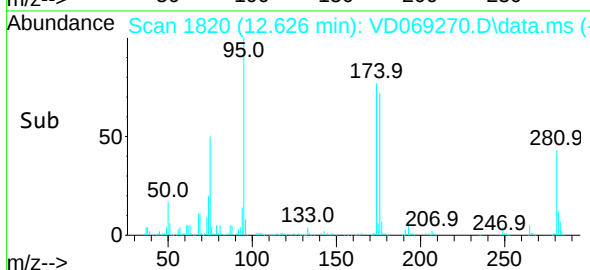
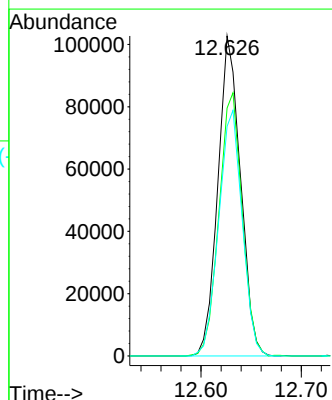
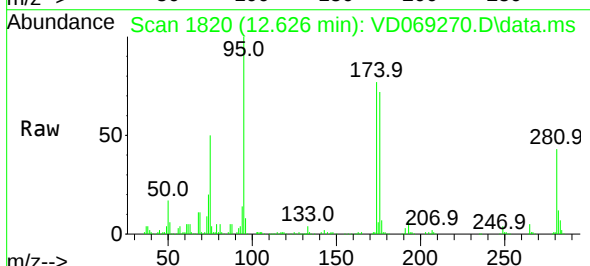


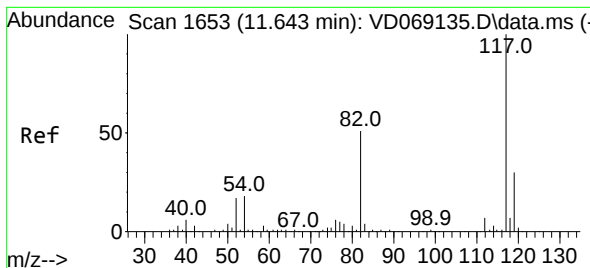
Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
58 38.5 31.1 93.5



#62
4-Bromofluorobenzene
Concen: 52.15 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion: 95 Resp: 161006
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.8
176 79.6 0.0 165.4

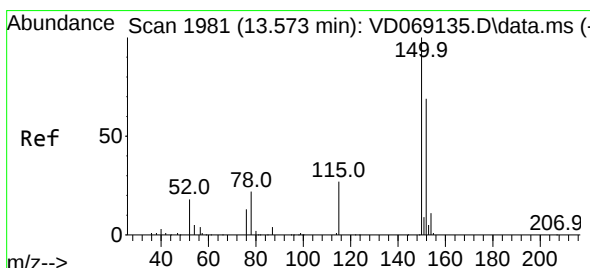
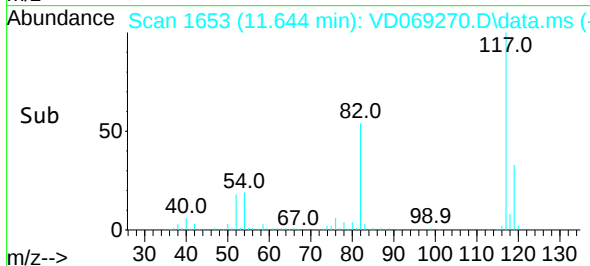
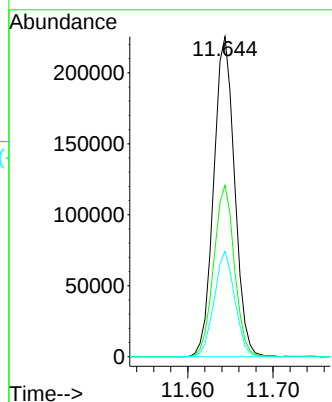
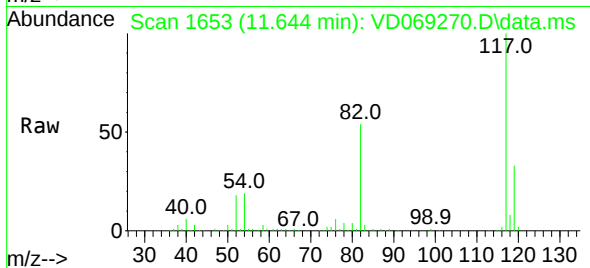




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

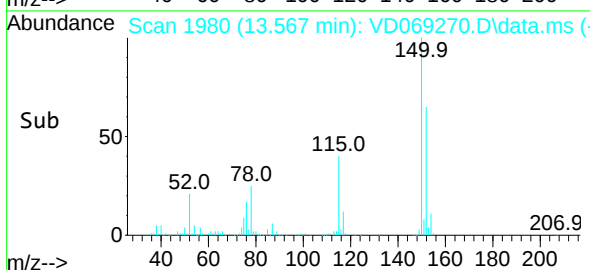
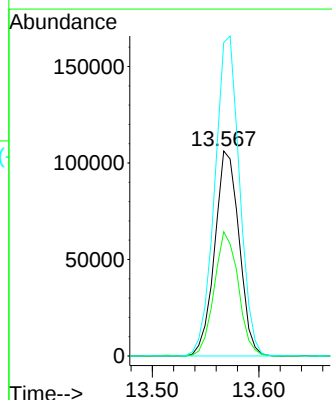
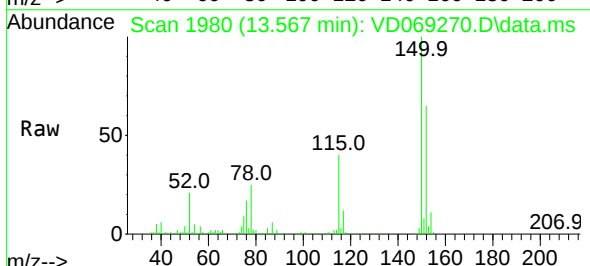
Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

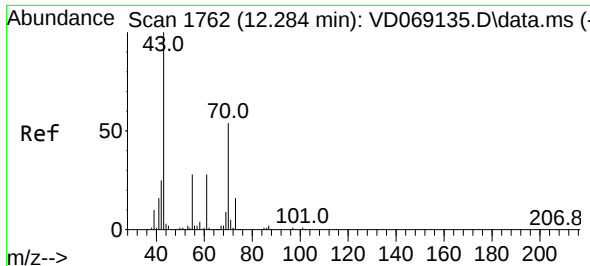
Tgt Ion:117 Resp: 384545
Ion Ratio Lower Upper
117 100
82 53.5 40.5 60.7
119 32.9 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

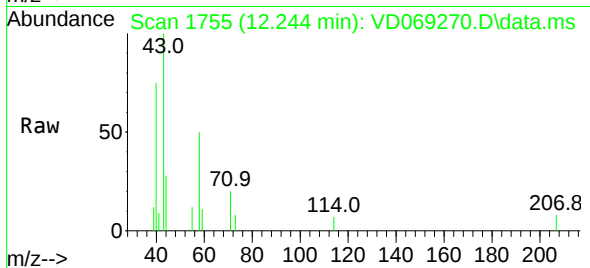
Tgt Ion:152 Resp: 168863
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.8
150 158.3 0.0 350.2



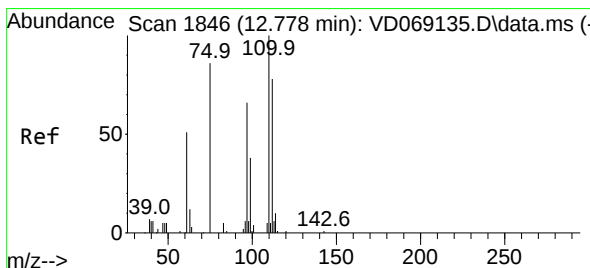
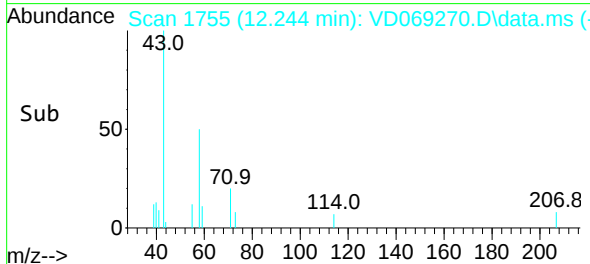
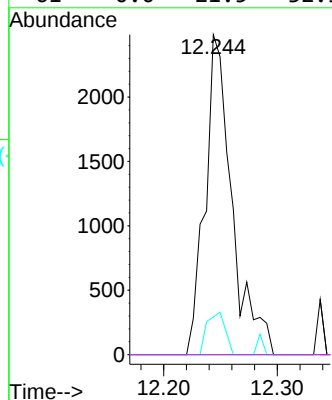


#74
N-amy1 acetate
Concen: 2.12 ug/l
RT: 12.244 min Scan# 1755
Delta R.T. -0.041 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

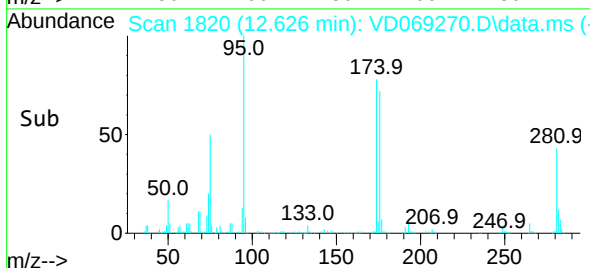
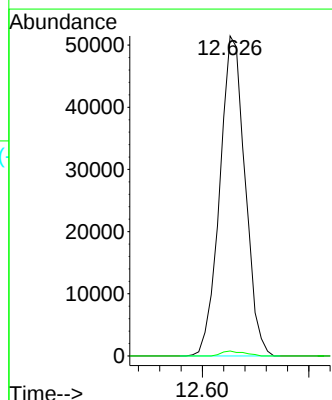
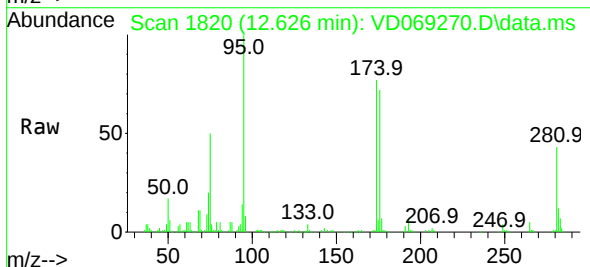


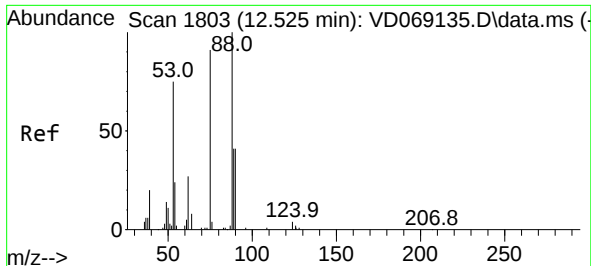
Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.6	62.4#
55	9.0	22.6	34.0#
61	0.0	21.5	32.3#



#76
1,2,3-Trichloropropane
Concen: 66.73 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.152 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

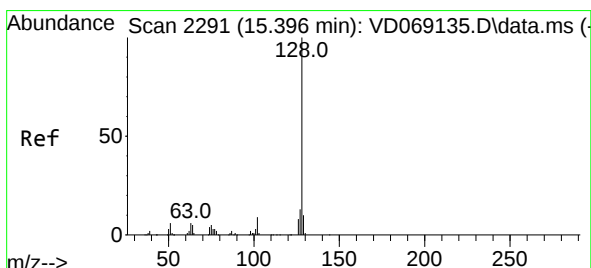
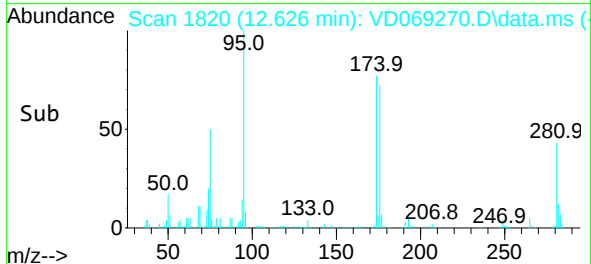
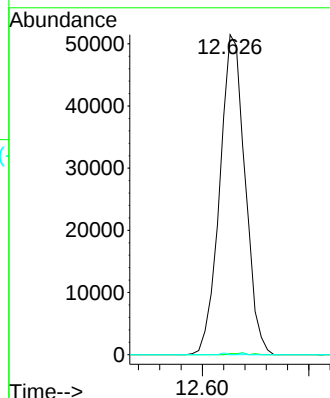
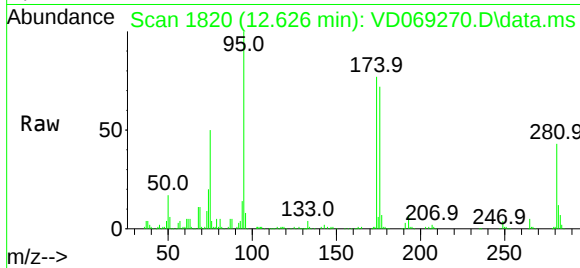




#81
trans-1,4-Dichloro-2-butene
Concen: 134.79 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
NB-08-052421

Tgt Ion: 75 Resp: 84701
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.1 40.2 60.2#



#95
Naphthalene
Concen: 2.66 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069270.D
Acq: 25 May 2021 13:29

Tgt Ion:128 Resp: 3521
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 4.2 8.9 13.3#

