

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005823.D
 Acq On : 24 Aug 2021 16:21
 Operator : SY/MD
 Sample : M3514-01RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-082021

Quant Time: Aug 25 04:30:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

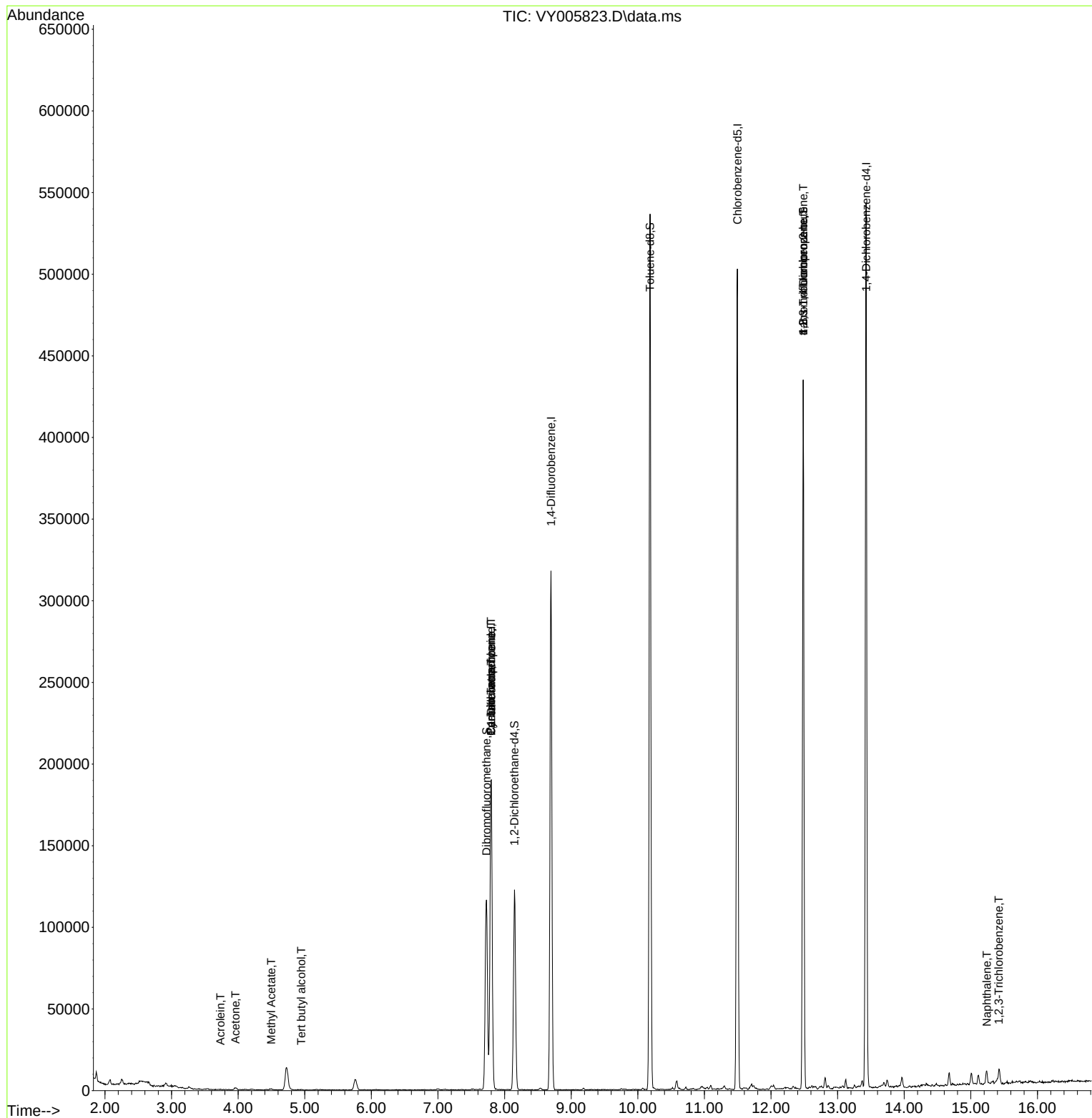
Internal Standards						
1) Pentafluorobenzene	7.801	168	159870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98408	60.810	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.620%			
35) Dibromofluoromethane	7.728	113	80152	53.467	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.940%			
50) Toluene-d8	10.185	98	343572	54.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.300%			
62) 4-Bromofluorobenzene	12.483	95	119477	57.387	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	380	2.375	ug/l #	73
13) Acrolein	3.735	56	154	1.595	ug/l #	52
16) Acetone	3.960	43	2206	5.407	ug/l	95
18) Methyl Acetate	4.497	43	1110	1.040	ug/l #	79
31) Cyclohexane	7.795	56	3336	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11317	4.506	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14395	5.274	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66099	45.939	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66099	92.607	ug/l #	11
95) Naphthalene	15.239	128	6972	1.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	3320	1.329	ug/l	93

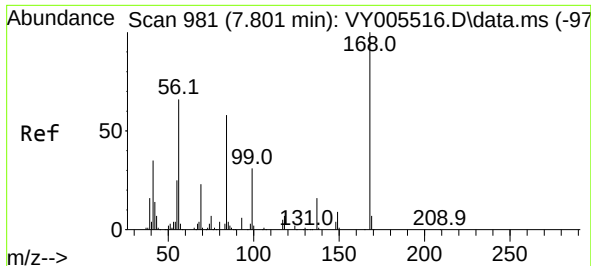
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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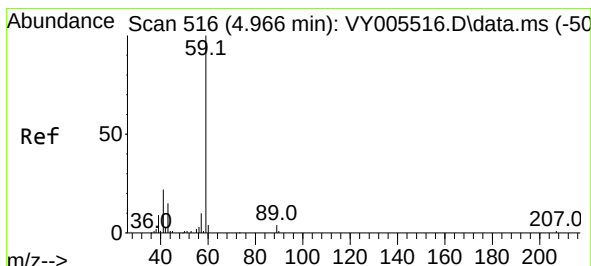
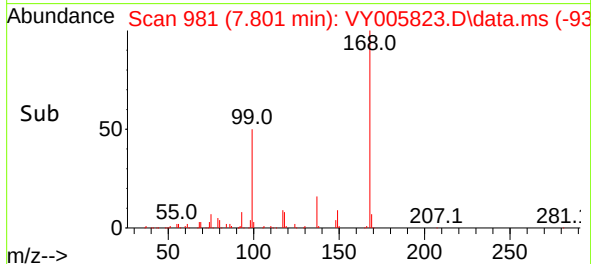
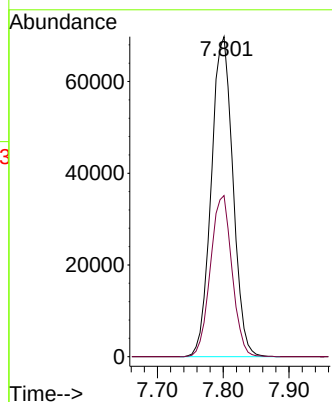
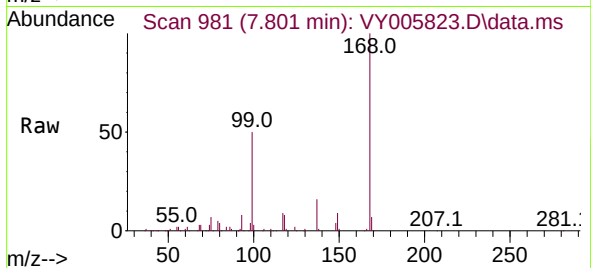




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

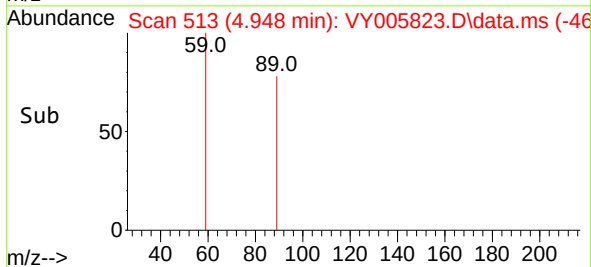
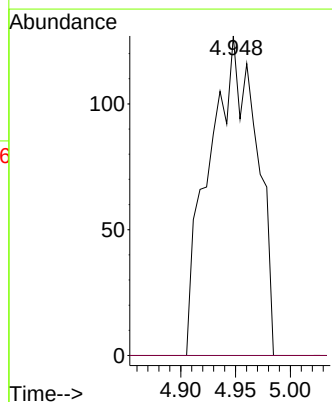
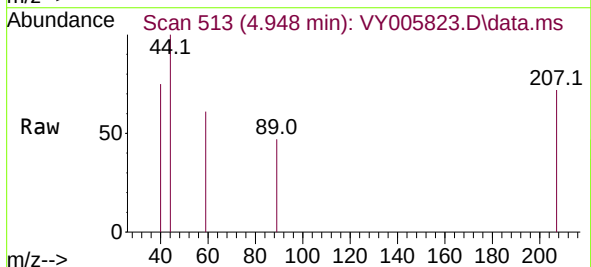
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

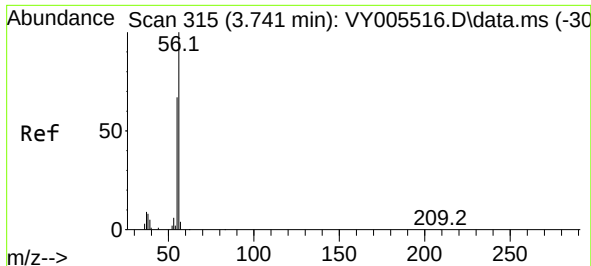
Tgt Ion:168 Resp: 159870
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.375 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

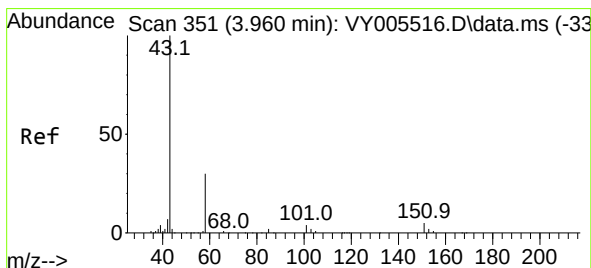
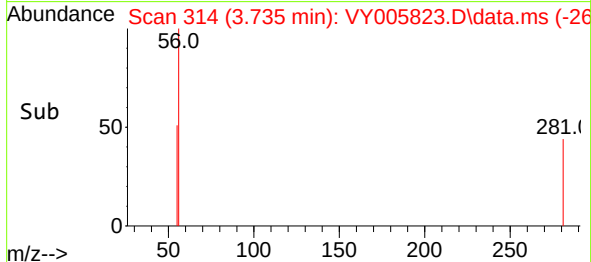
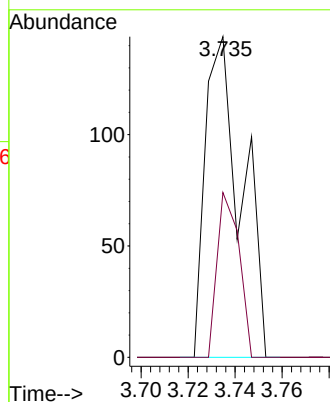
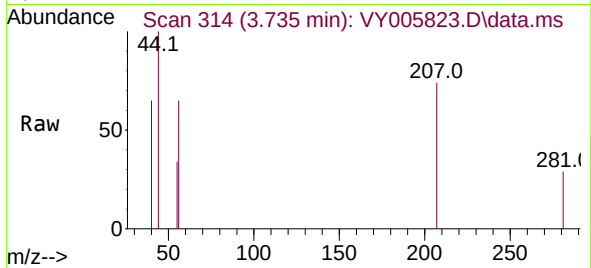




#13
Acrolein
Concen: 1.595 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

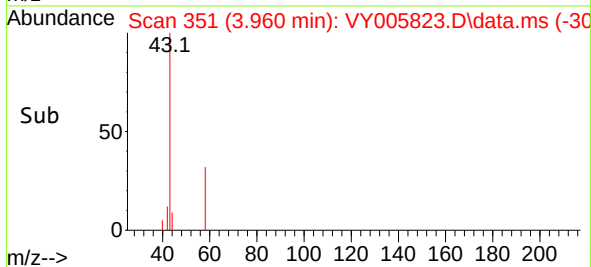
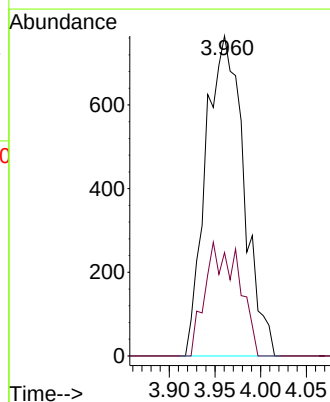
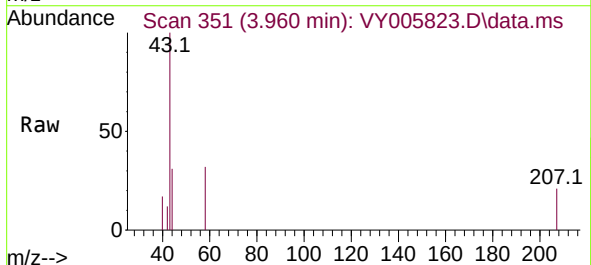
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

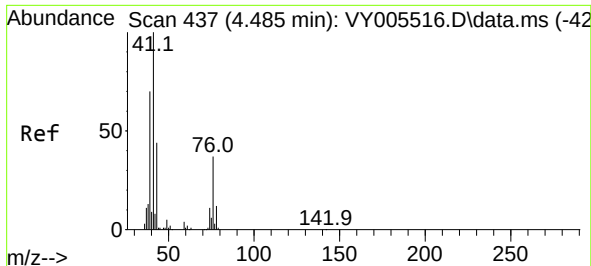
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 31.2 56.5 84.7#



#16
Acetone
Concen: 5.407 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.6





#18

Methyl Acetate

Concen: 1.040 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY005823.D

Acq: 24 Aug 2021 16:21

Tgt Ion: 43 Resp: 1110

Ion Ratio Lower Upper

43 100

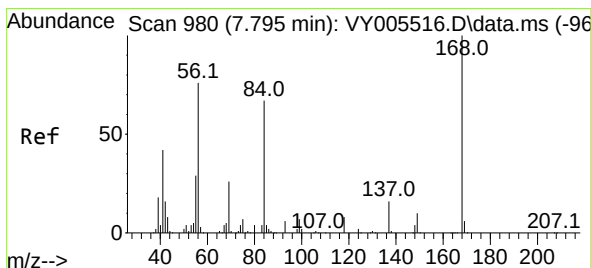
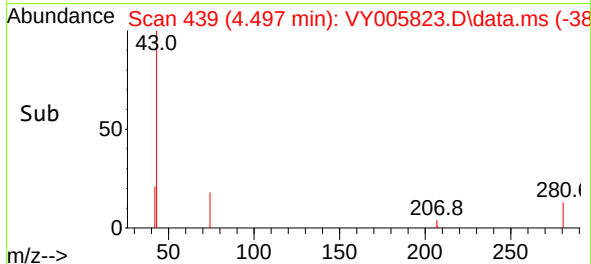
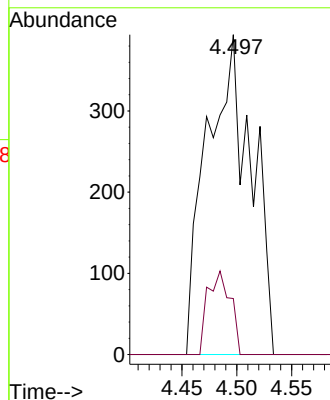
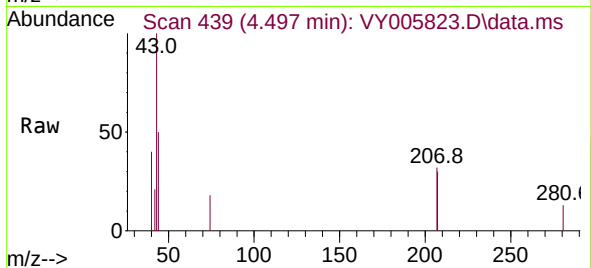
74 13.2 19.0 28.6#

Instrument :

MSVOA_Y

ClientSampled :

NB-8-082021



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005823.D

Acq: 24 Aug 2021 16:21

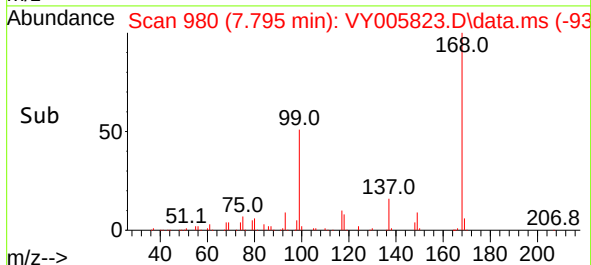
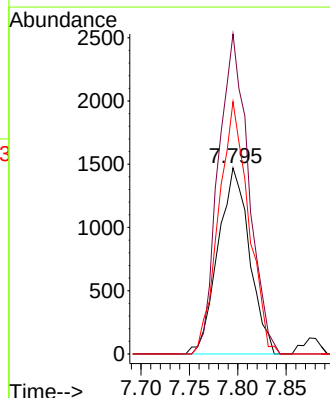
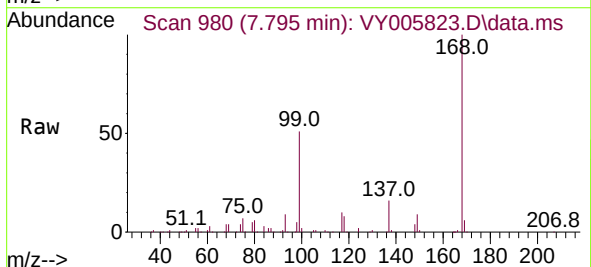
Tgt Ion: 56 Resp: 3336

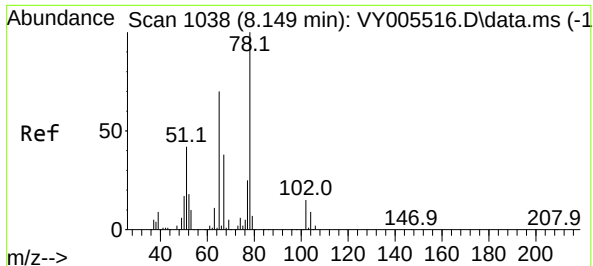
Ion Ratio Lower Upper

56 100

69 172.0 27.7 41.5#

84 135.6 70.9 106.3#

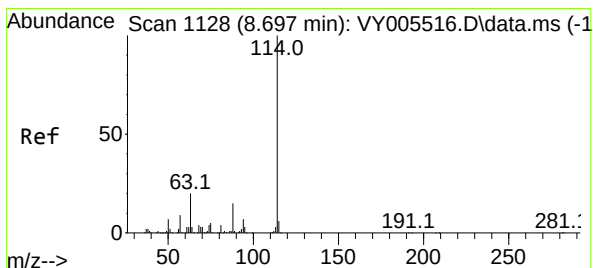
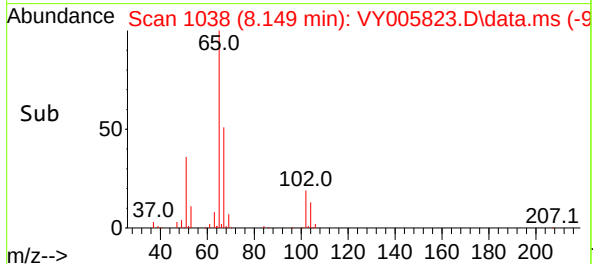
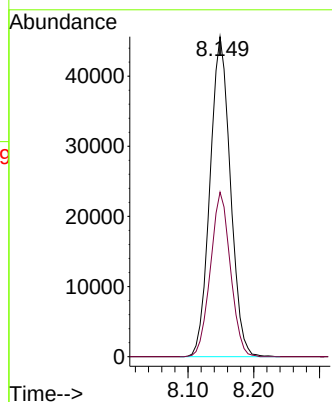
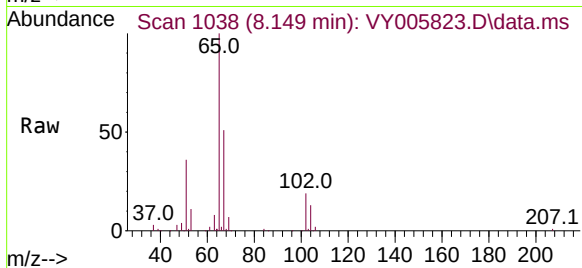




#33
1,2-Dichloroethane-d4
Concen: 60.810 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

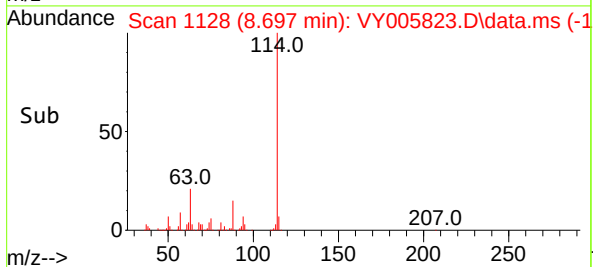
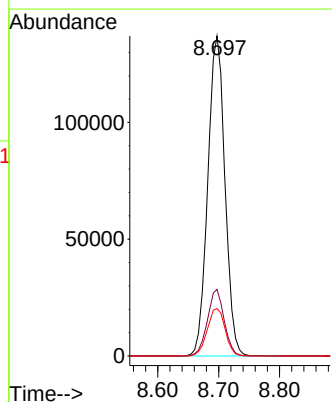
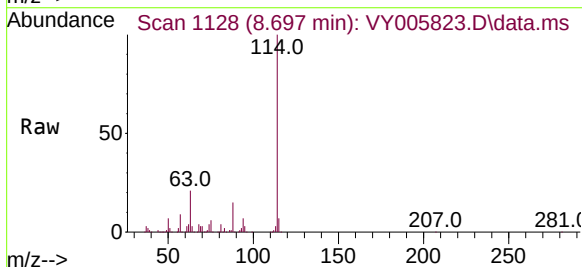
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

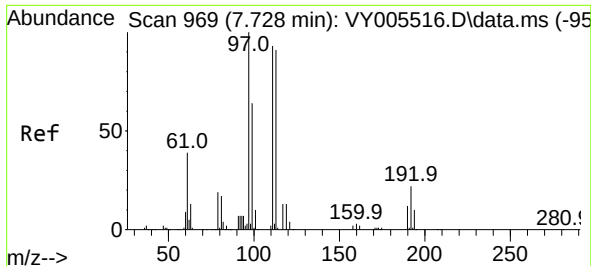
Tgt Ion: 65 Resp: 98408
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion: 114 Resp: 267752
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 14.8 0.0 30.8

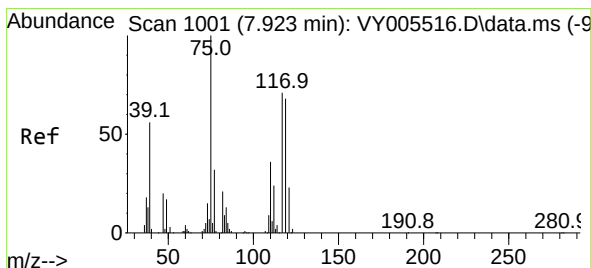
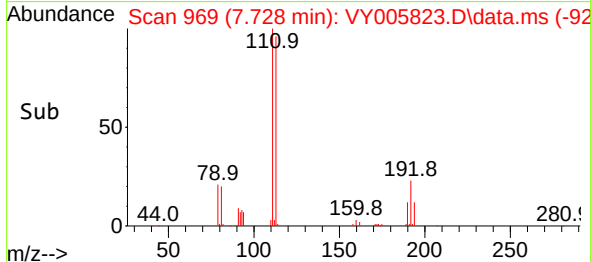
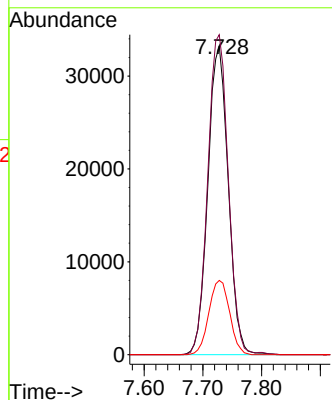
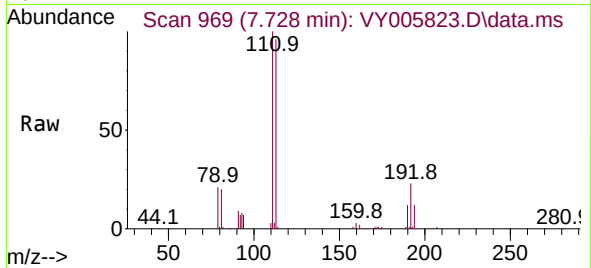




#35
Dibromofluoromethane
Concen: 53.467 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

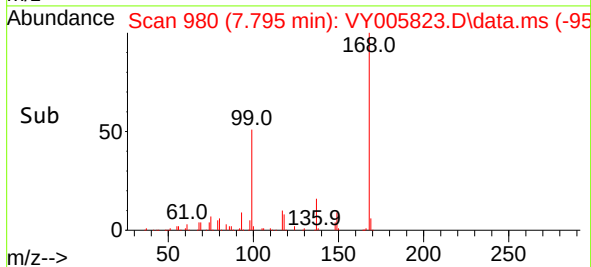
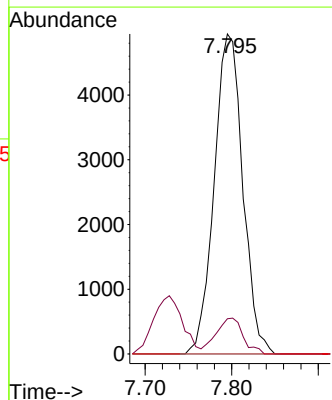
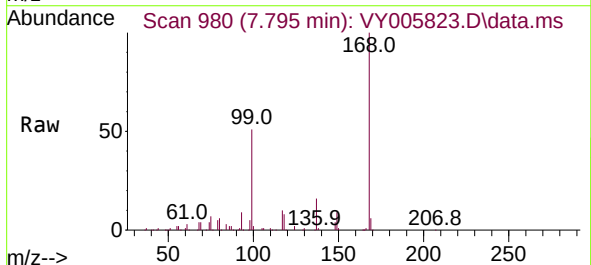
Instrument :
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ClientSampleId :
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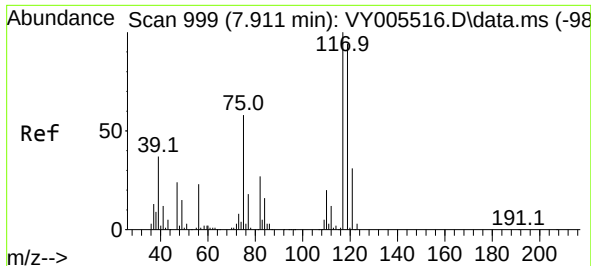
Tgt Ion:113 Resp: 80152
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 24.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

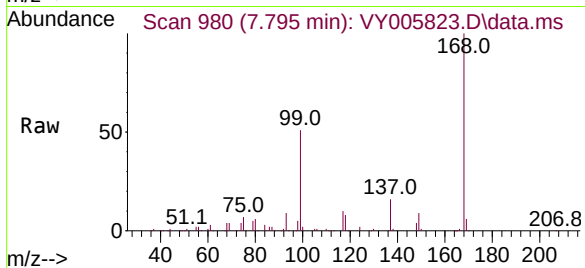
Tgt Ion: 75 Resp: 11317
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.1#
77 0.0 25.1 37.7#



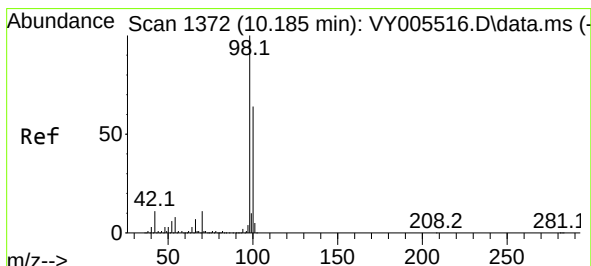
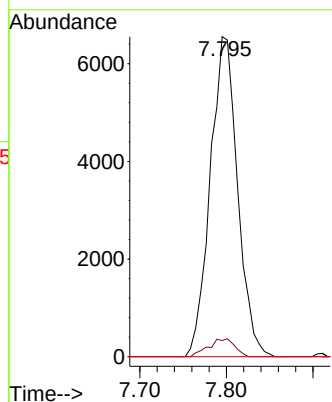
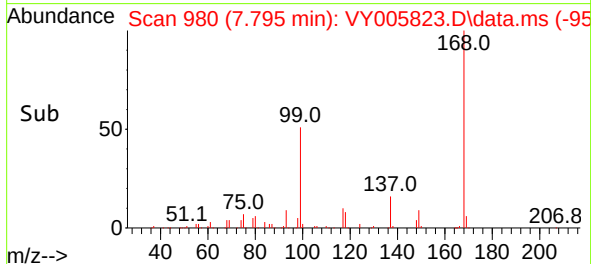


#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

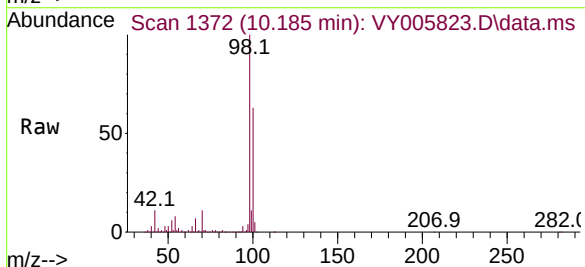
Instrument :
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NB-8-082021



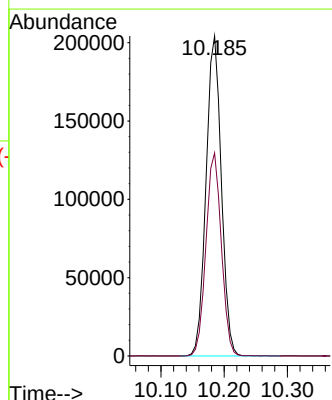
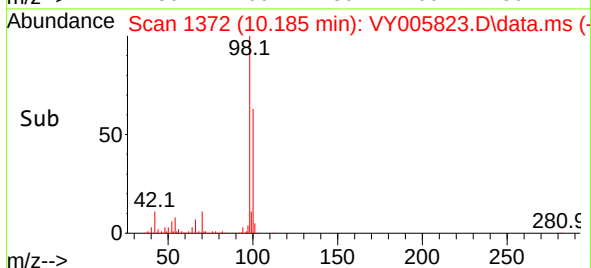
Tgt Ion:117 Resp: 14395
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 25.1 37.7#

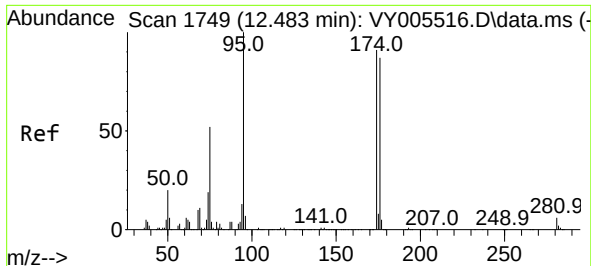


#50
Toluene-d8
Concen: 54.648 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21



Tgt Ion: 98 Resp: 343572
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9

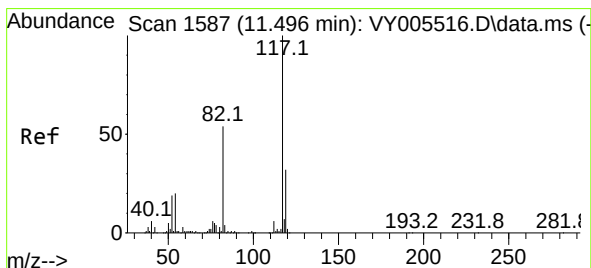
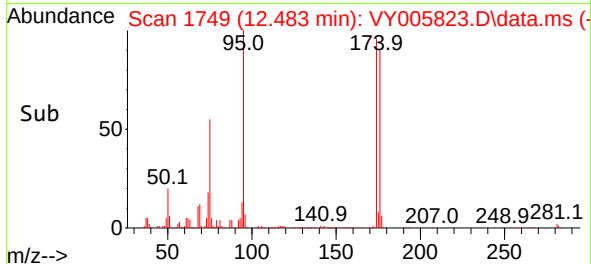
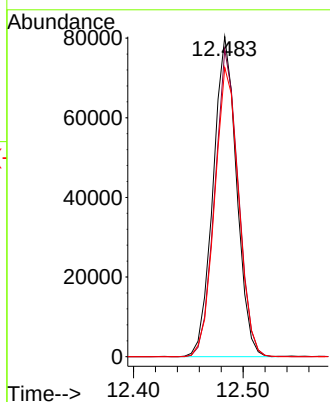
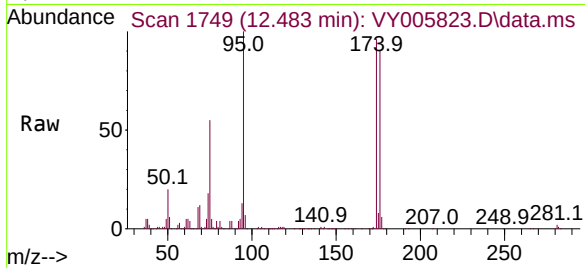




#62
4-Bromofluorobenzene
Concen: 57.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

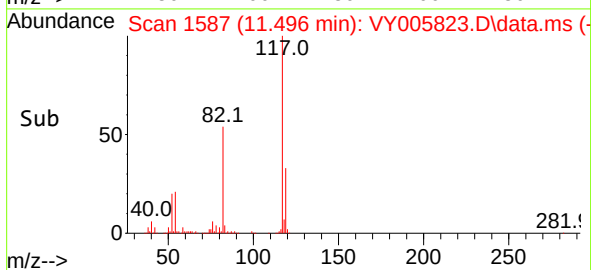
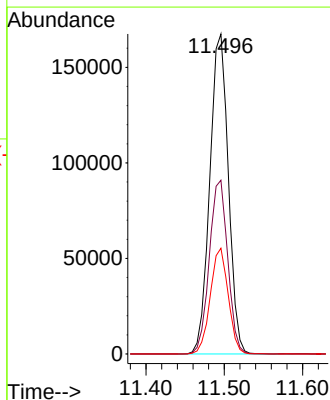
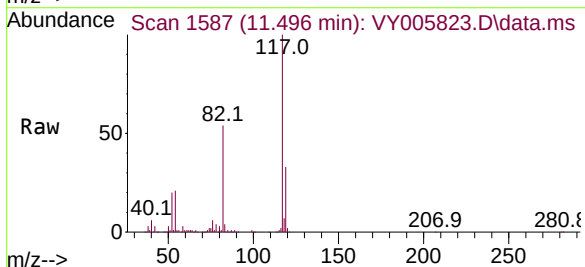
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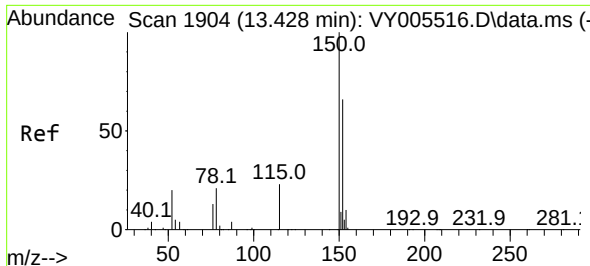
Tgt Ion:	95	Resp:	119477
Ion Ratio	Lower	Upper	
95	100		
174	95.6	0.0	191.4
176	92.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

Tgt Ion:	117	Resp:	274772
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.5	65.3
119	33.1	25.5	38.3

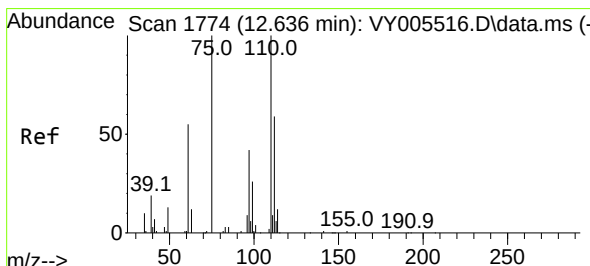
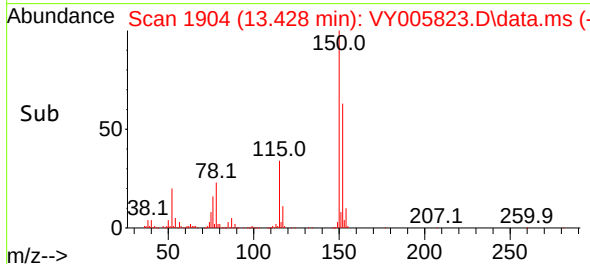
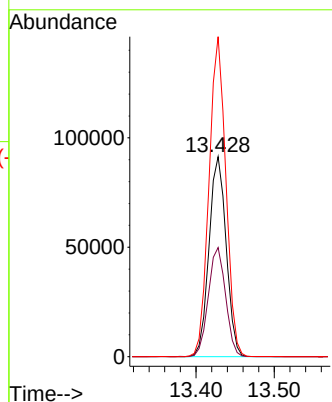
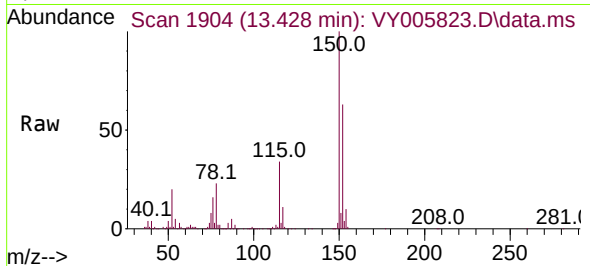




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005823.D
 Acq: 24 Aug 2021 16:21

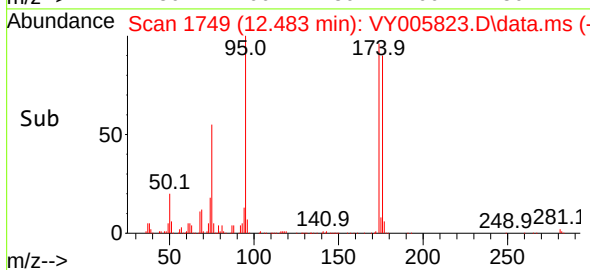
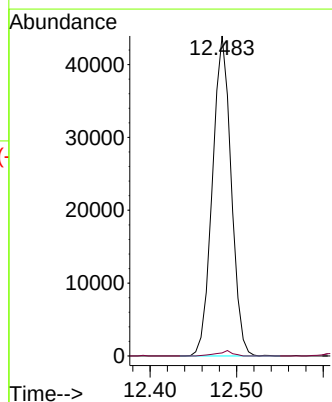
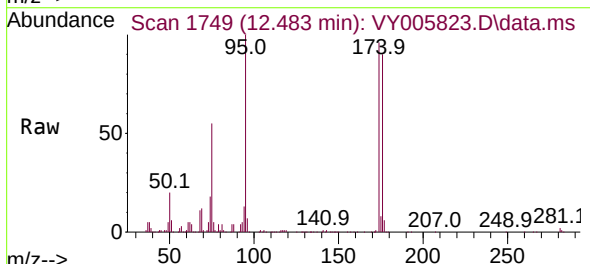
Instrument :
 MSVOA_Y
 ClientSampled :
 NB-8-082021

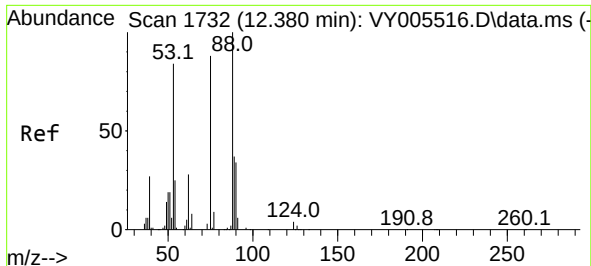
Tgt Ion:152 Resp: 138846
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 156.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.939 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005823.D
 Acq: 24 Aug 2021 16:21

Tgt Ion: 75 Resp: 66099
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

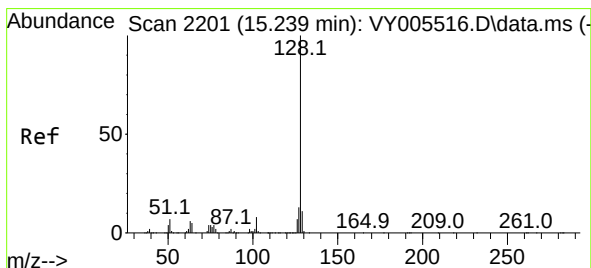
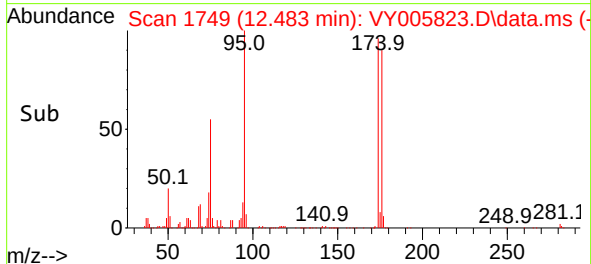
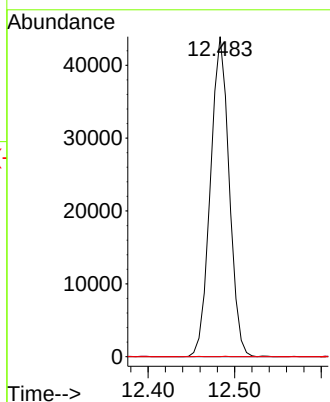
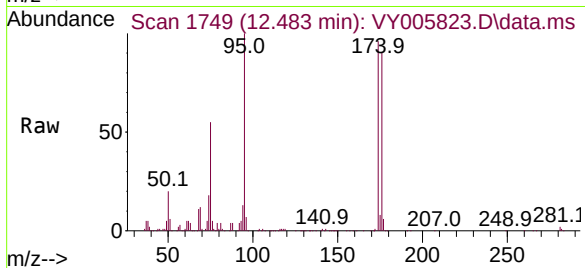




#81
trans-1,4-Dichloro-2-butene
Concen: 92.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

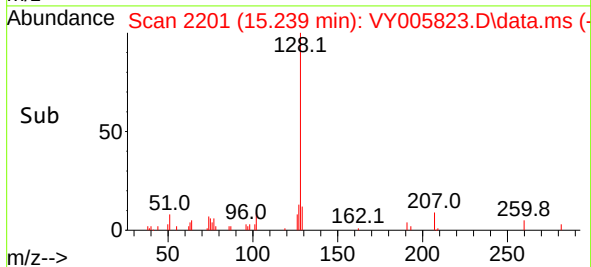
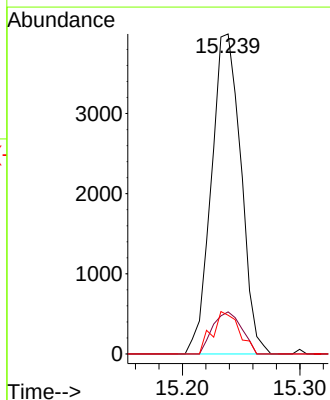
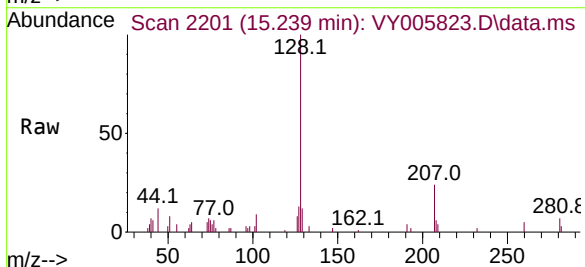
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-082021

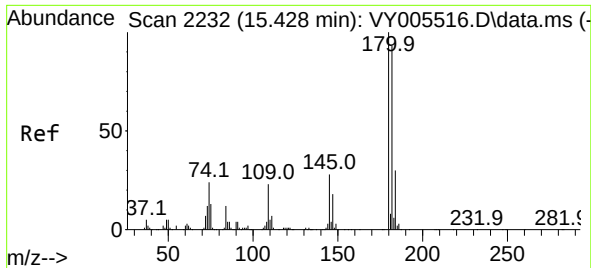
Tgt Ion: 75 Resp: 66099
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#



#95
Naphthalene
Concen: 1.255 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005823.D
Acq: 24 Aug 2021 16:21

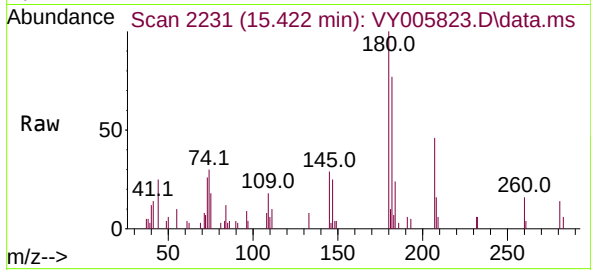
Tgt Ion: 128 Resp: 6972
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.329 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY005823.D
 Acq: 24 Aug 2021 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-082021



Tgt Ion:	180	Resp:	3320
Ion	Ratio	Lower	Upper
180	100		
182	89.2	47.9	143.6
145	33.3	14.6	44.0

