

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008329.D
 Acq On : 14 Apr 2022 15:49
 Operator : KP/MD
 Sample : N2376-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222

Quant Time: Apr 15 06:15:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

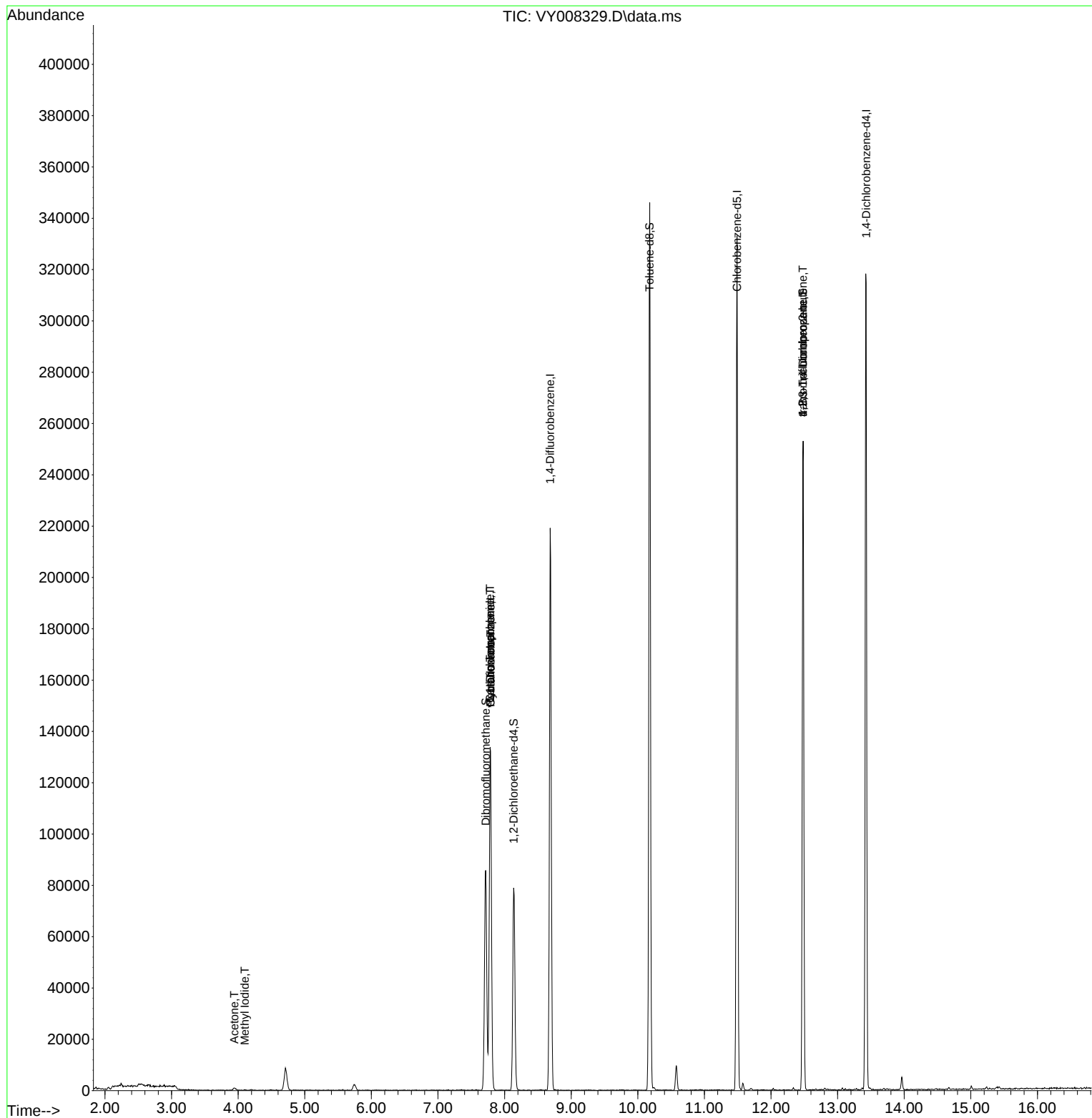
Internal Standards						
1) Pentafluorobenzene	7.789	168	105855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61365	61.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.440%	
35) Dibromofluoromethane	7.716	113	60978	55.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.179	98	233189	61.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.700%	
62) 4-Bromofluorobenzene	12.477	95	78238	55.171	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.340%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	280	Below Cal		95
5) Bromomethane	2.656	94	372	Below Cal	#	78
10) Methyl Iodide	4.101	142	277	2.594	ug/l #	35
16) Acetone	3.942	43	1839	7.689	ug/l #	83
18) Methyl Acetate	4.472	43	195	Below Cal	#	56
20) Methylene Chloride	4.710	84	6804	Below Cal	#	72
31) Cyclohexane	7.789	56	2051	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7909	4.495	ug/l #	50
38) Carbon Tetrachloride	7.783	117	10173	5.374	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	41593	45.923	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41593	102.752	ug/l #	7

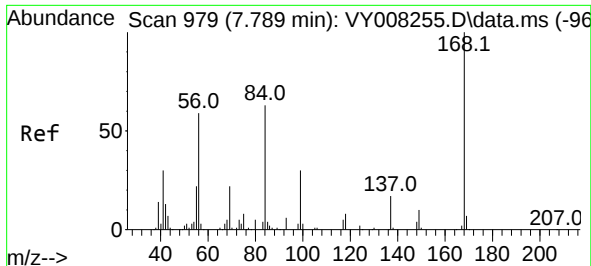
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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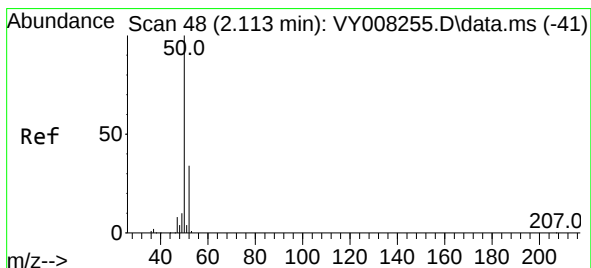
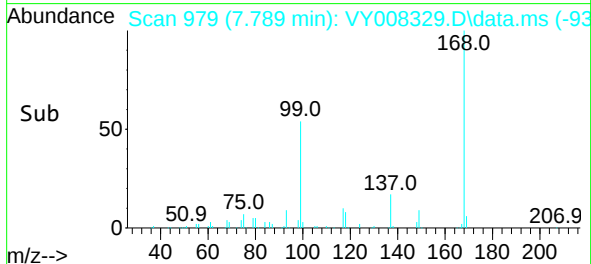
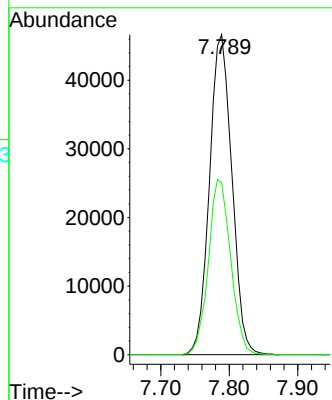
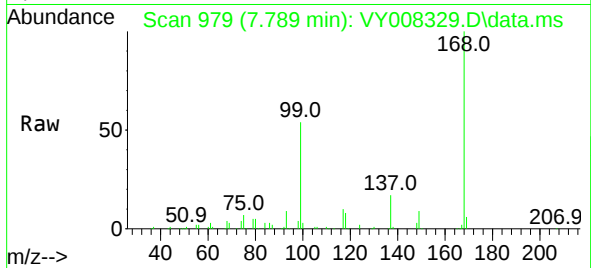




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

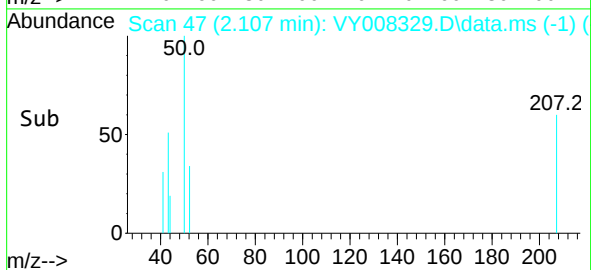
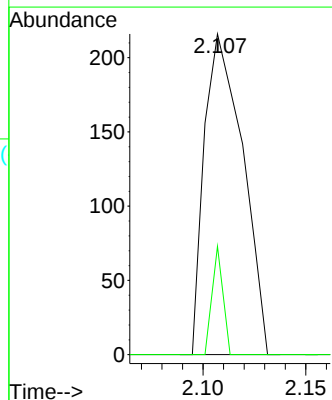
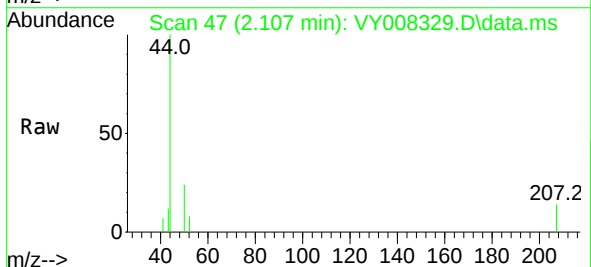
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

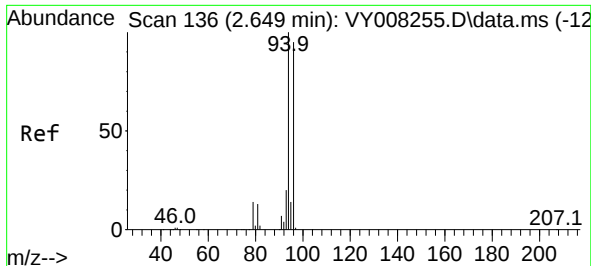
Tgt Ion:168 Resp: 105855
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 50 Resp: 280
Ion Ratio Lower Upper
50 100
52 33.8 24.6 37.0

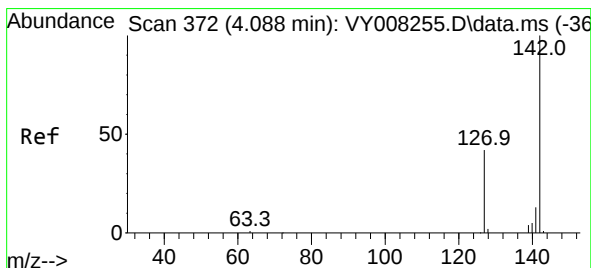
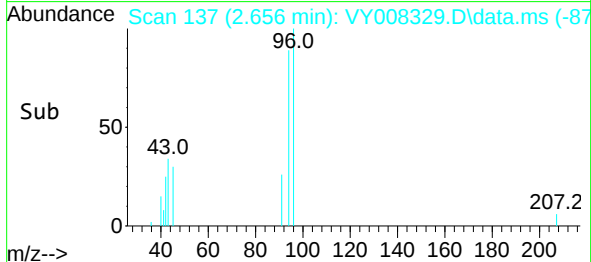
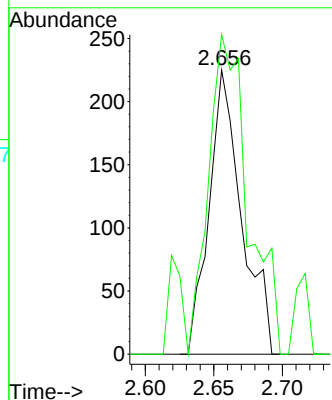
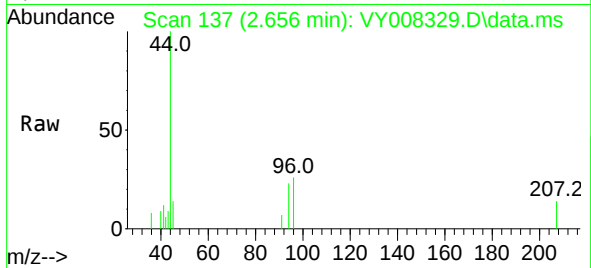




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

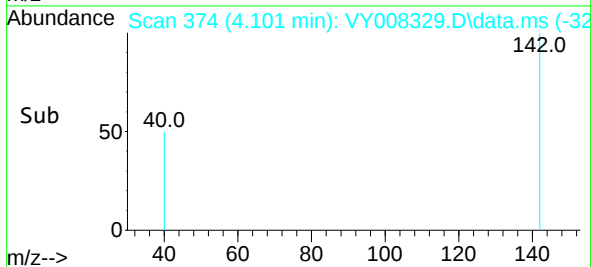
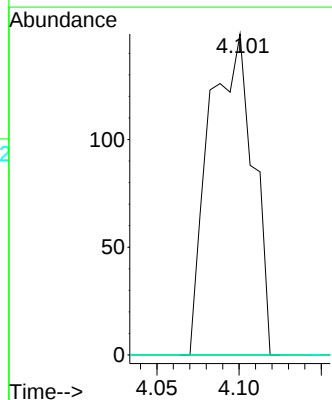
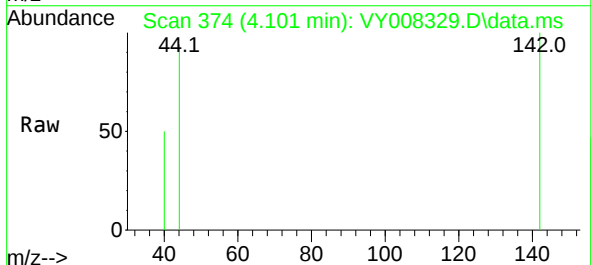
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

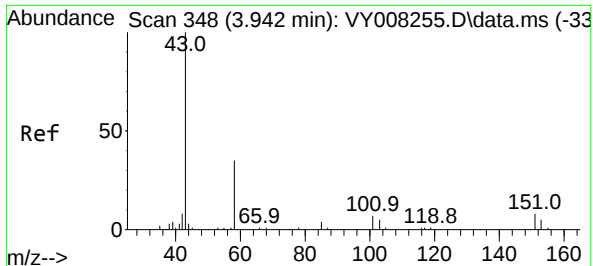
Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 112.4 73.5 110.3#



#10
Methyl Iodide
Concen: 2.594 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

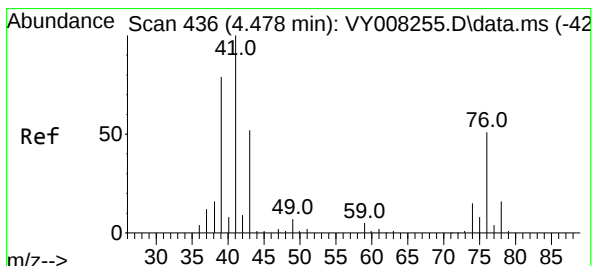
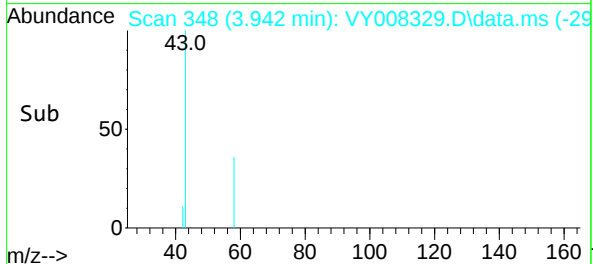
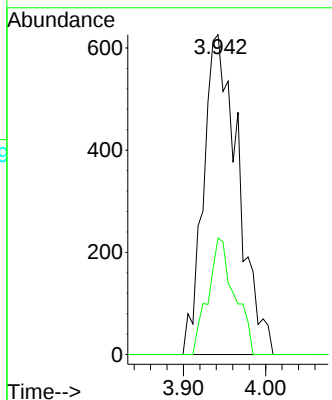
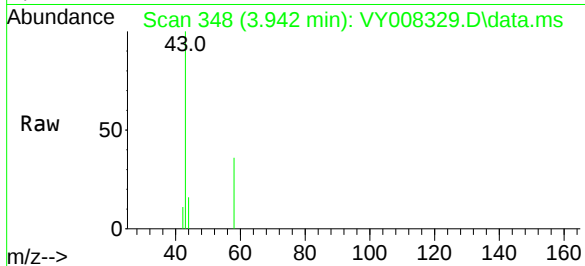




#16
Acetone
Concen: 7.689 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

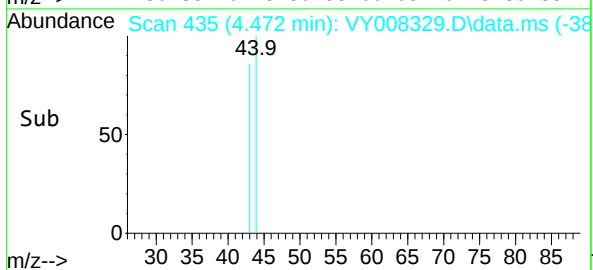
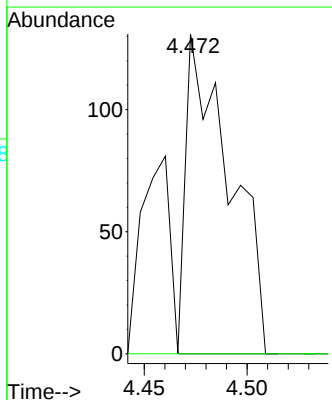
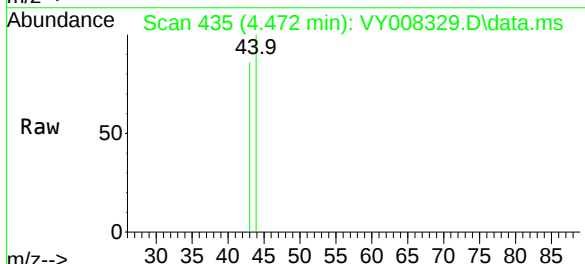
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

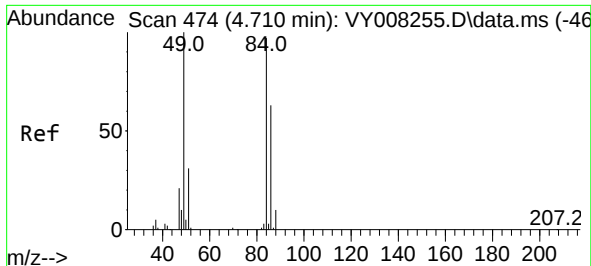
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

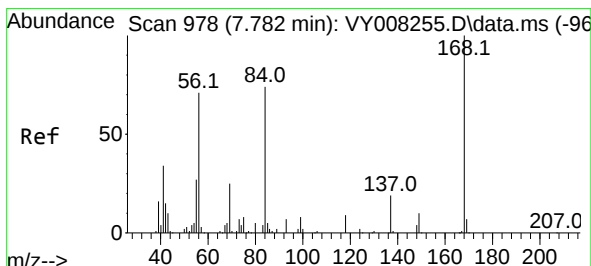
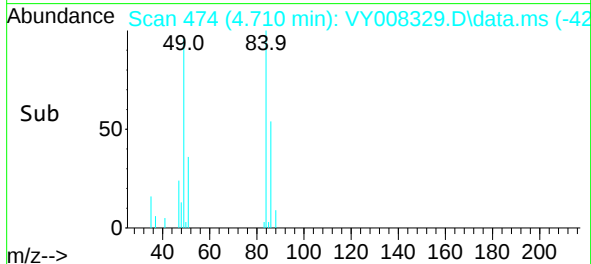
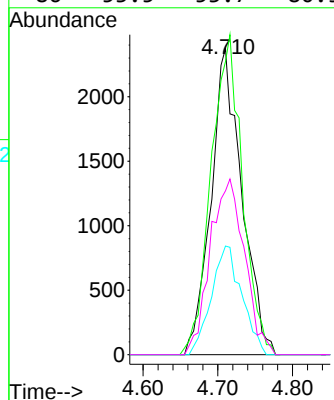
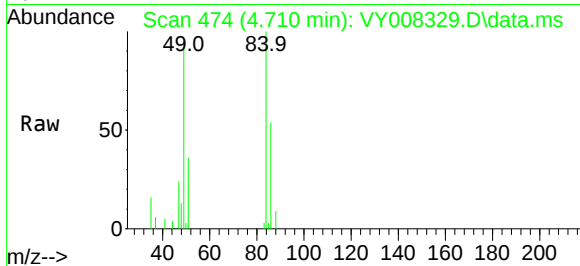




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

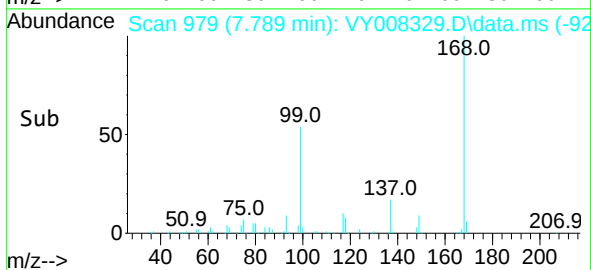
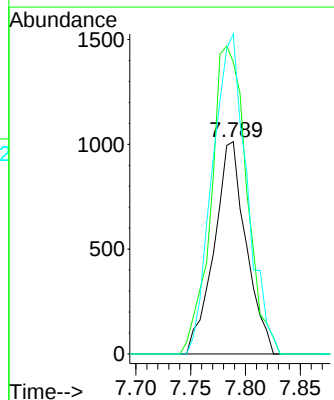
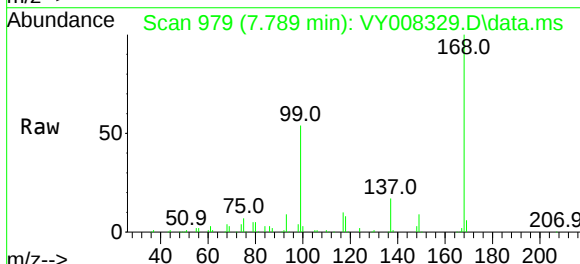
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

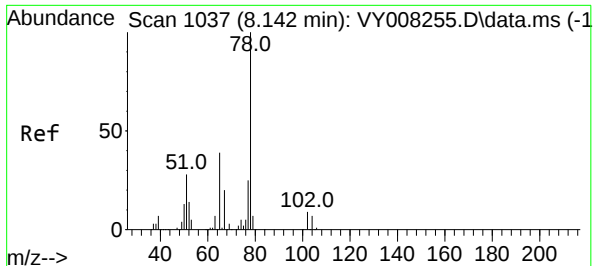
Tgt Ion:	84	Resp:	6804
Ion	Ratio	Lower	Upper
84	100		
49	95.7	114.4	171.6#
51	35.5	35.3	52.9
86	53.5	53.7	80.5#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion:	56	Resp:	2051
Ion	Ratio	Lower	Upper
56	100		
69	137.4	26.7	40.1#
84	150.7	67.2	100.8#

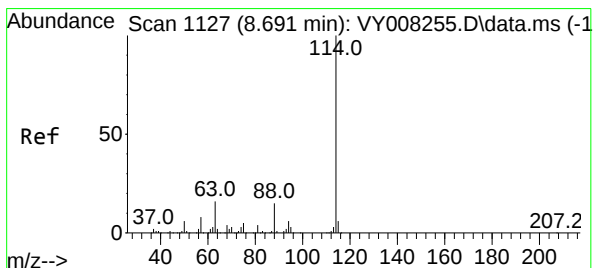
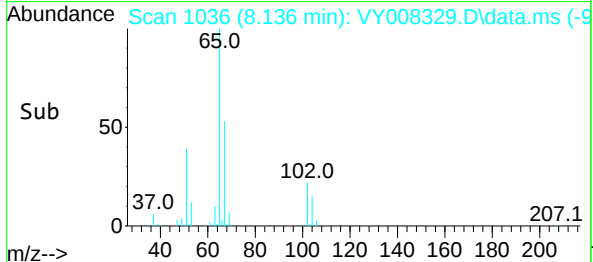
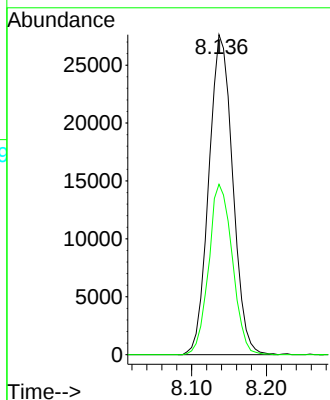
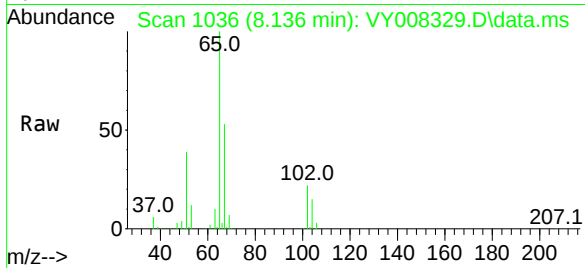




#33
 1,2-Dichloroethane-d4
 Concen: 61.716 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY008329.D
 Acq: 14 Apr 2022 15:49

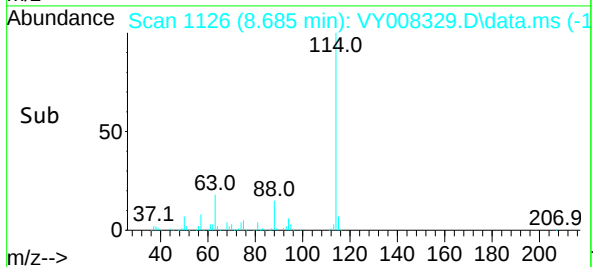
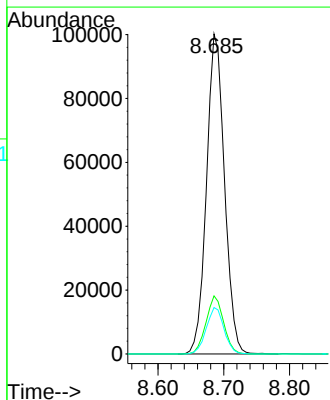
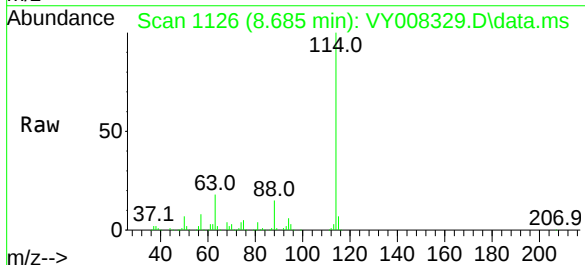
Instrument :
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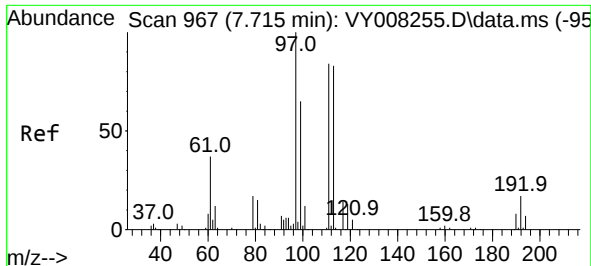
Tgt Ion: 65 Resp: 61365
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008329.D
 Acq: 14 Apr 2022 15:49

Tgt Ion: 114 Resp: 190767
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.2
 88 14.5 0.0 31.8

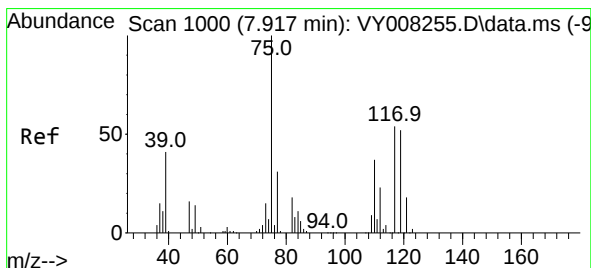
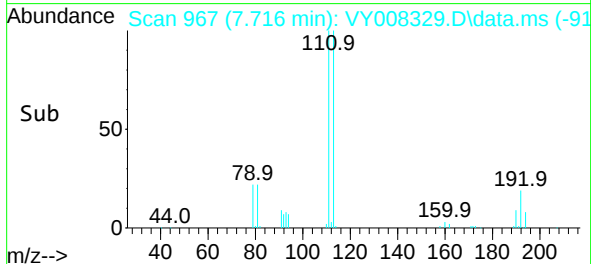
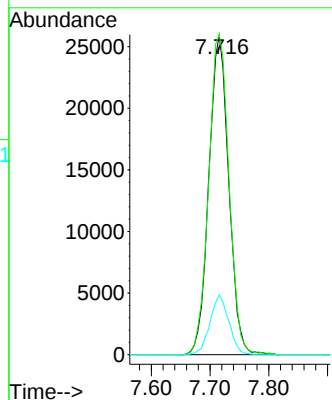
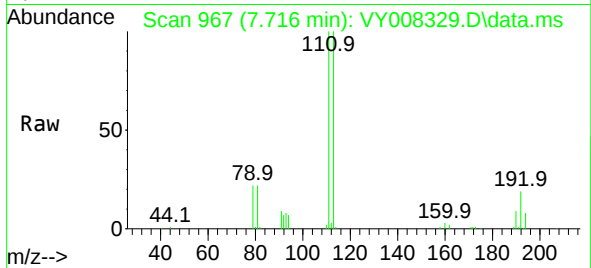




#35
Dibromofluoromethane
Concen: 55.342 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

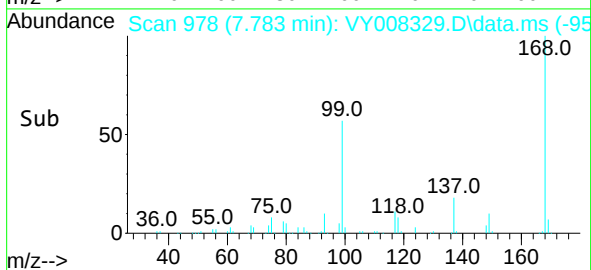
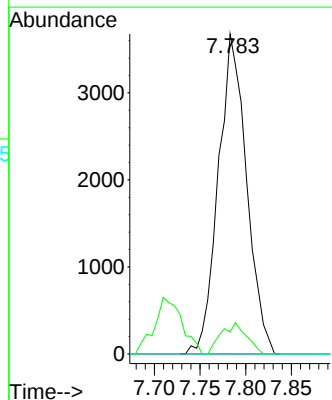
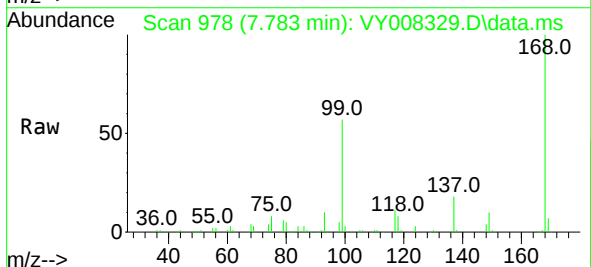
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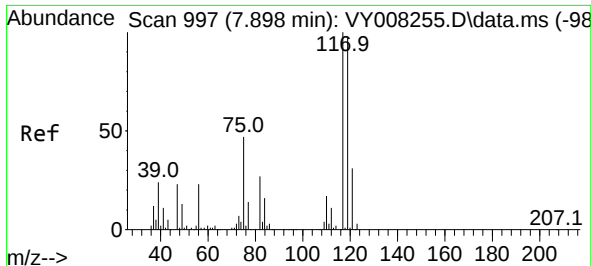
Tgt Ion:113 Resp: 60978
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 75 Resp: 7909
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

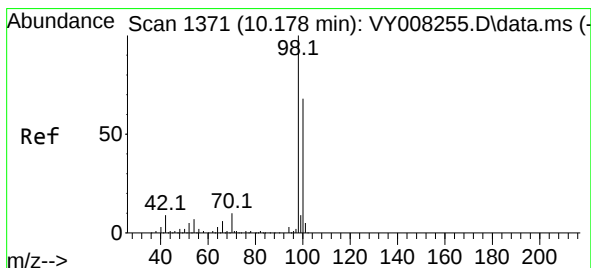
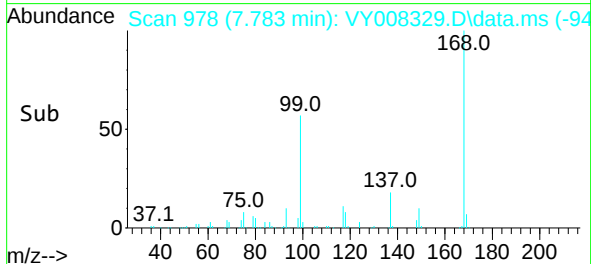
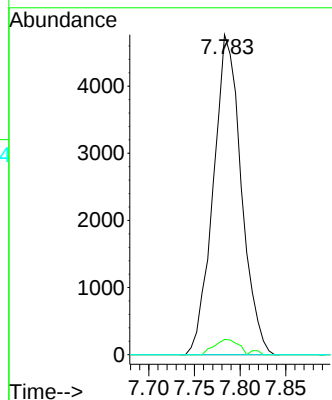
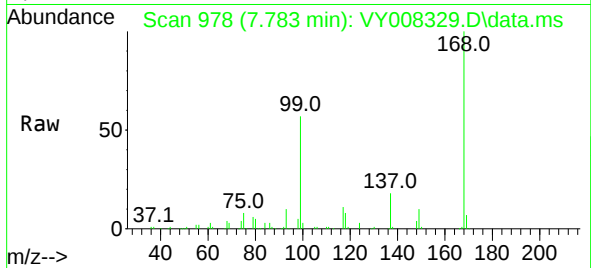




#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

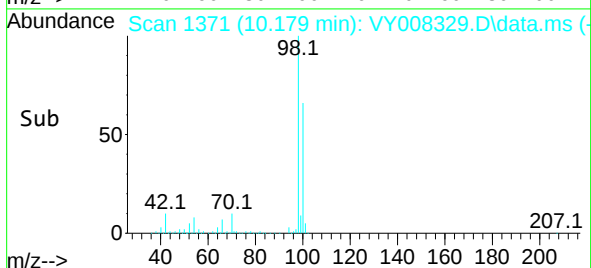
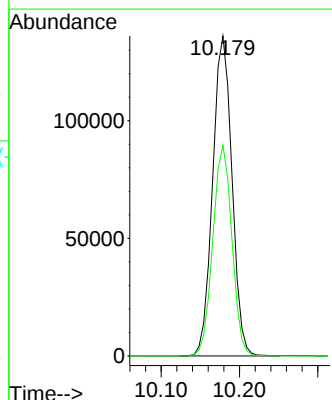
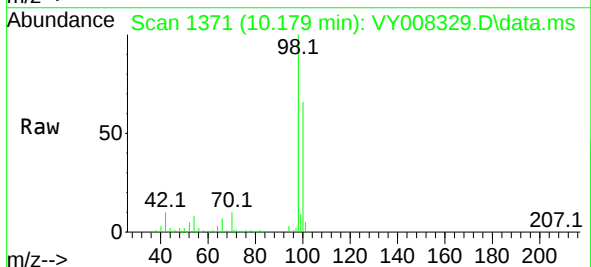
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

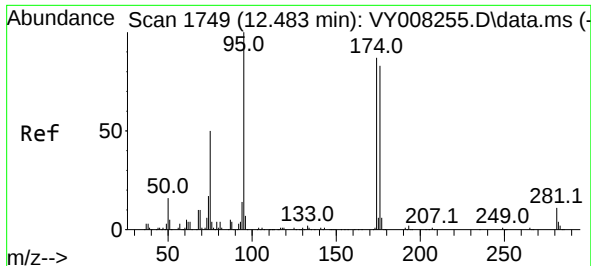
Tgt Ion:117 Resp: 10173
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.850 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 98 Resp: 233189
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

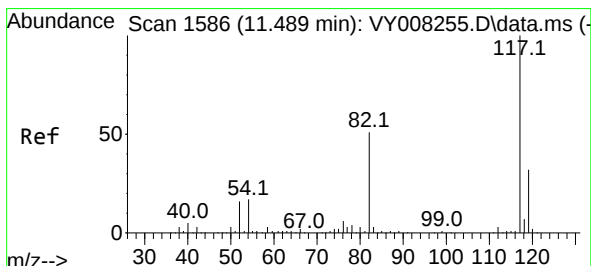
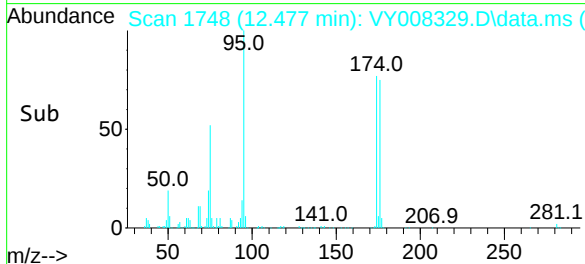
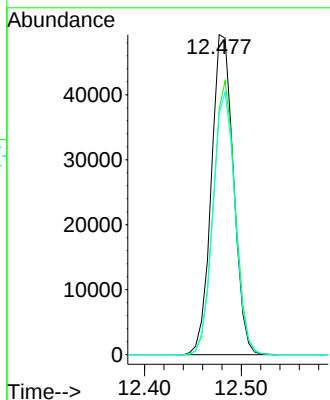
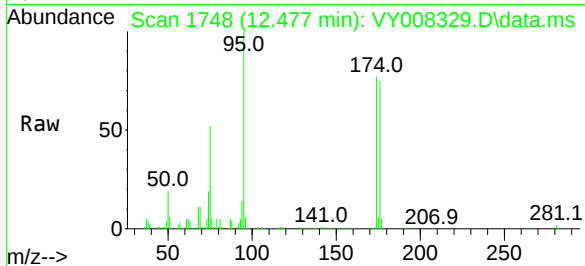




#62
4-Bromofluorobenzene
Concen: 55.171 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

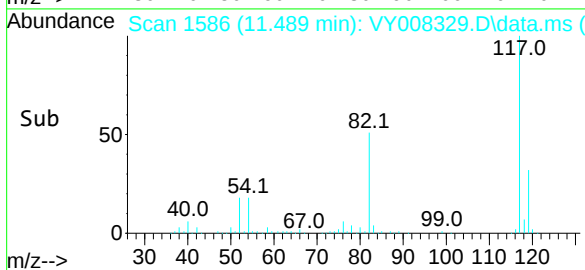
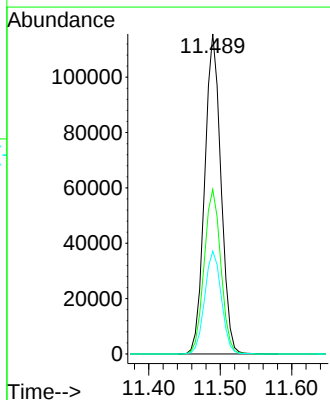
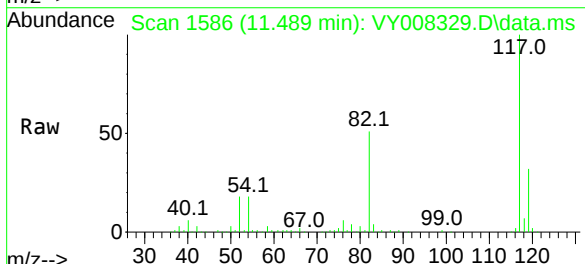
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

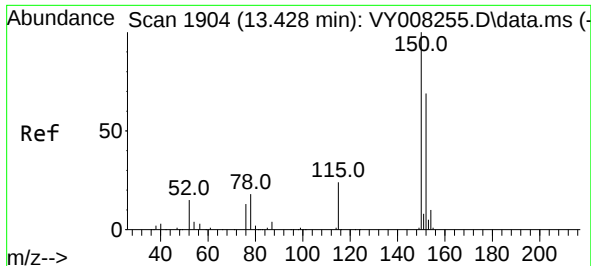
Tgt Ion: 95 Resp: 78238
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008329.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 117 Resp: 182501
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.1 25.4 38.0

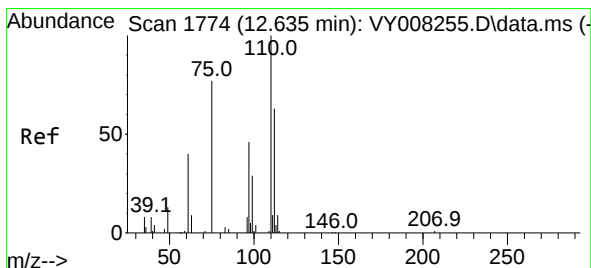
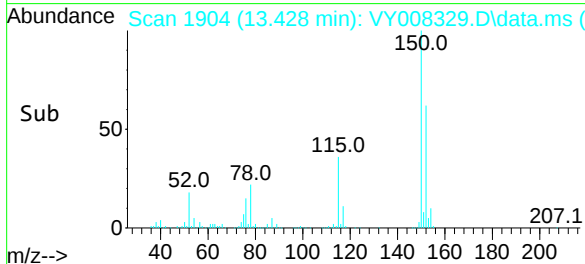
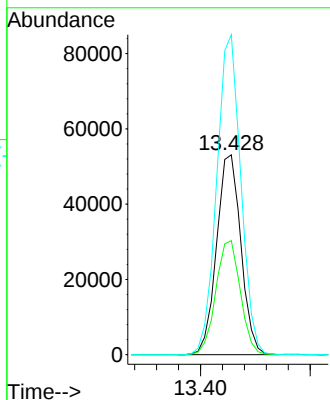
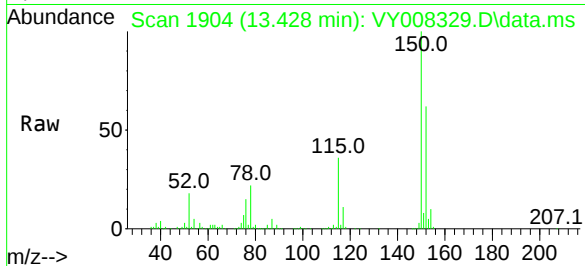




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008329.D
 Acq: 14 Apr 2022 15:49

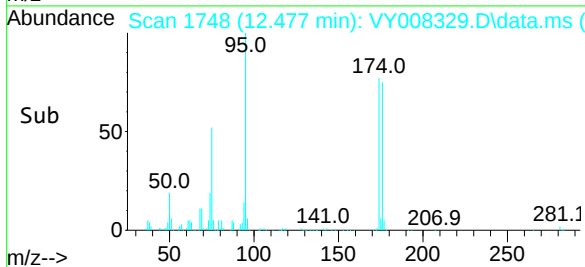
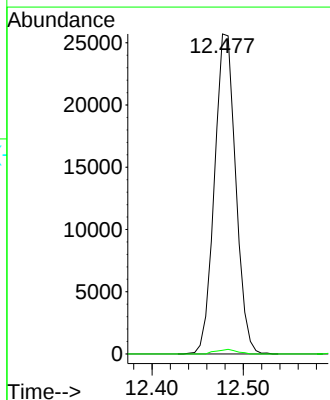
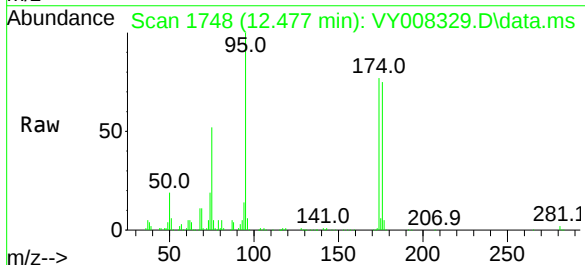
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222

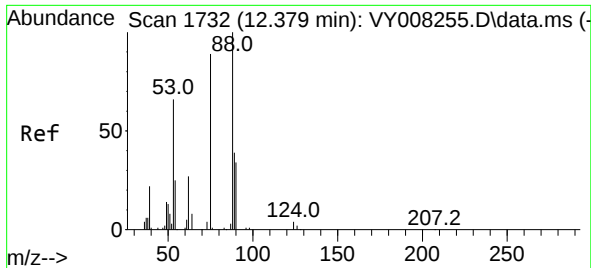
Tgt Ion:152 Resp: 81892
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.923 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY008329.D
 Acq: 14 Apr 2022 15:49

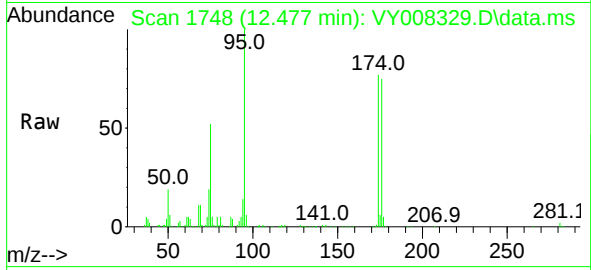
Tgt Ion: 75 Resp: 41593
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.752 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY008329.D
 Acq: 14 Apr 2022 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222



Tgt Ion: 75 Resp: 41593
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

