

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008299.D
 Acq On : 12 Apr 2022 19:40
 Operator : KP/MD
 Sample : N2376-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222

Quant Time: Apr 13 08:18:11 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	36090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	53968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	18670	55.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.716	113	19046	53.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.179	98	71813	58.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.600%
62) 4-Bromofluorobenzene	12.483	95	21582	46.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.980%

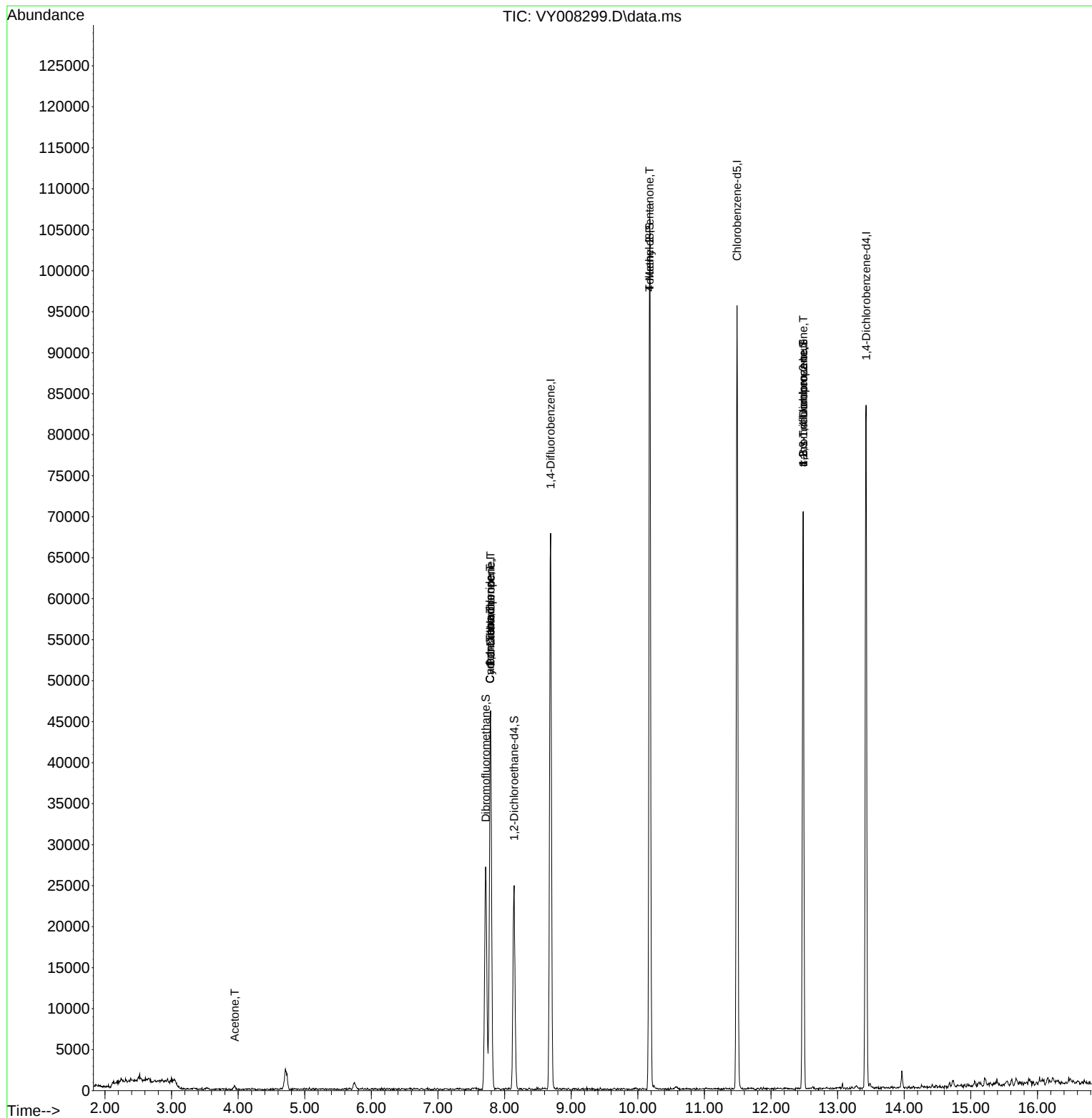
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	22	Below Cal	#	44
5) Bromomethane	2.662	94	73	Below Cal	#	71
16) Acetone	3.948	43	717	8.793	ug/l #	74
20) Methylene Chloride	4.710	84	1923	Below Cal	#	76
31) Cyclohexane	7.783	56	677	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	2852	5.004	ug/l #	49
38) Carbon Tetrachloride	7.783	117	3696	6.028	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	324	1.151	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11926	48.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11926	107.485	ug/l #	7

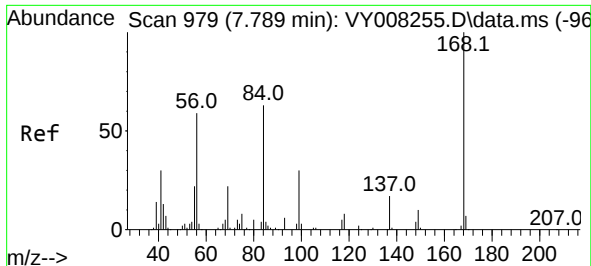
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
Data File : VY008299.D
Acq On : 12 Apr 2022 19:40
Operator : KP/MD
Sample : N2376-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

Quant Time: Apr 13 08:18:11 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

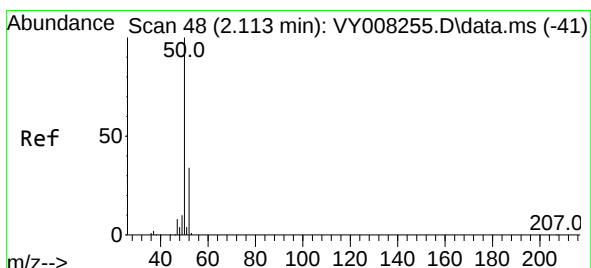
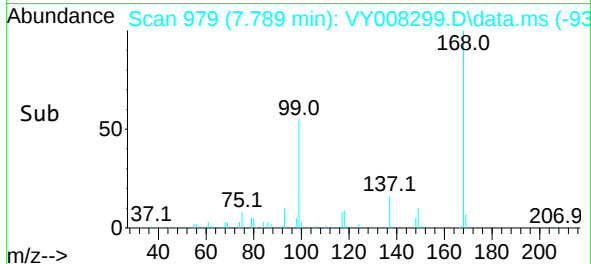
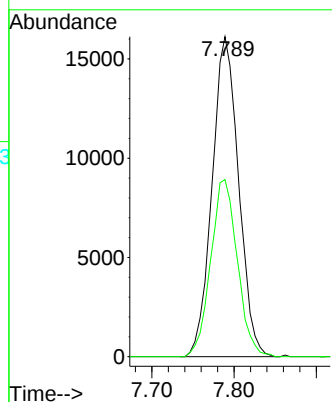
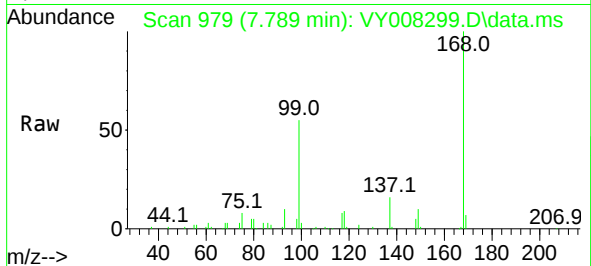




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

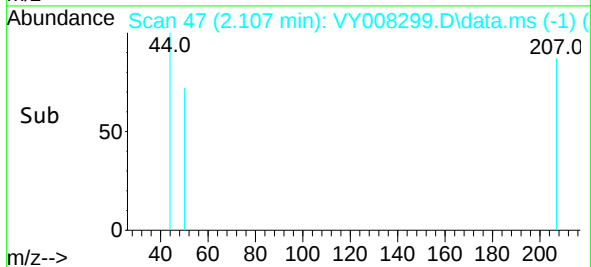
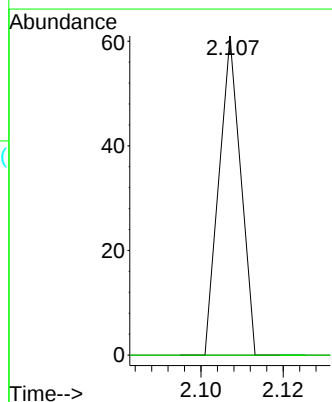
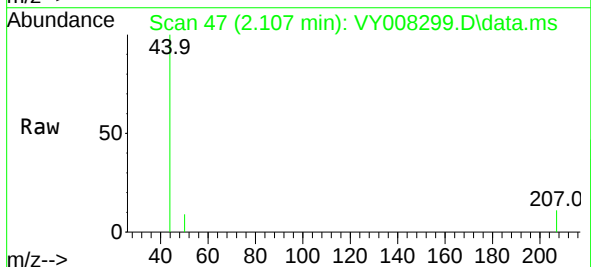
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

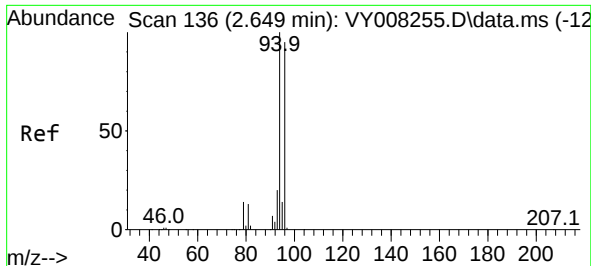
Tgt Ion:168 Resp: 36090
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 50 Resp: 22
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

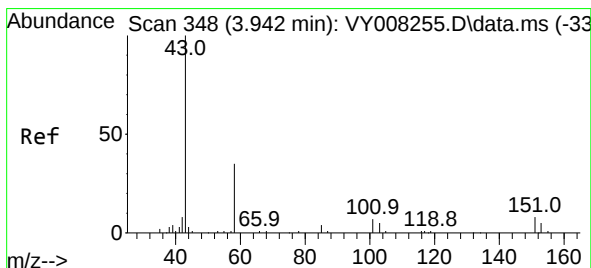
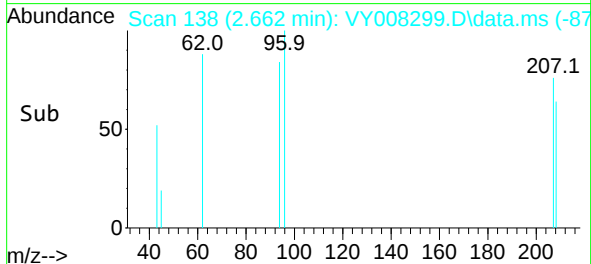
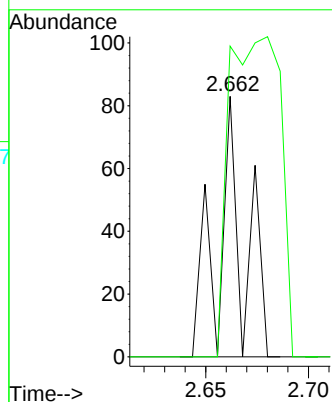
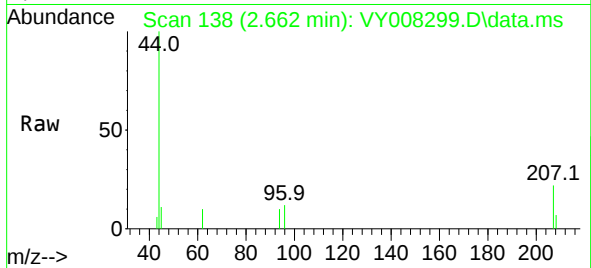




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

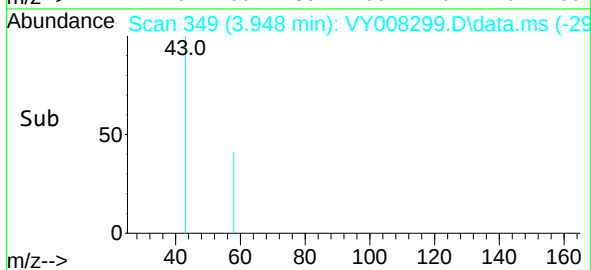
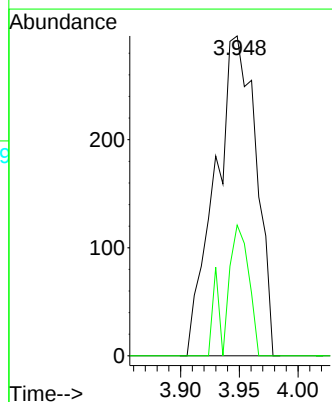
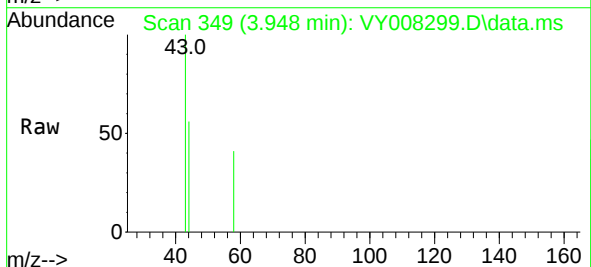
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

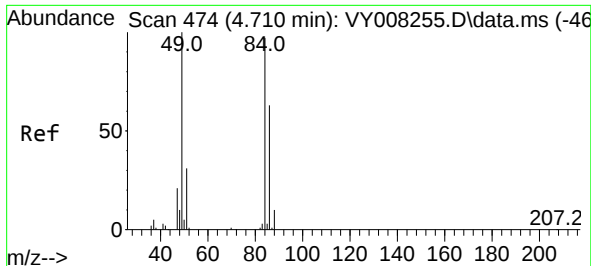
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 119.3 73.5 110.3#



#16
Acetone
Concen: 8.793 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 40.9 22.0 33.0#



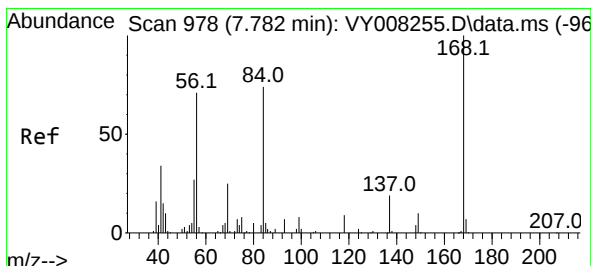
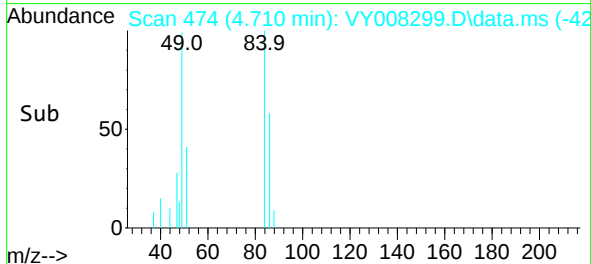
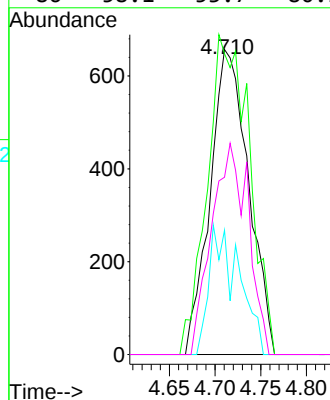
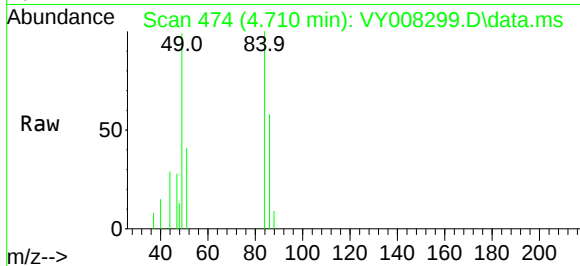


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

Tgt Ion: 84 Resp: 1923

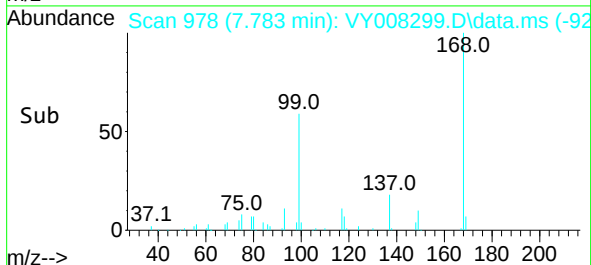
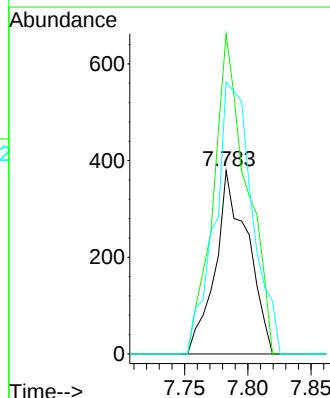
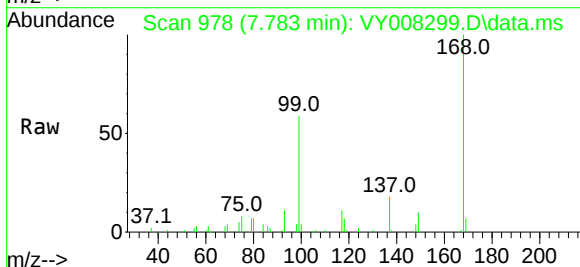
Ion	Ratio	Lower	Upper
84	100		
49	98.6	114.4	171.6#
51	40.8	35.3	52.9
86	58.1	53.7	80.5

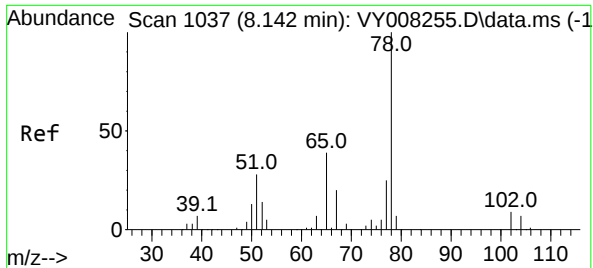


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 56 Resp: 677

Ion	Ratio	Lower	Upper
56	100		
69	174.7	26.7	40.1#
84	148.3	67.2	100.8#

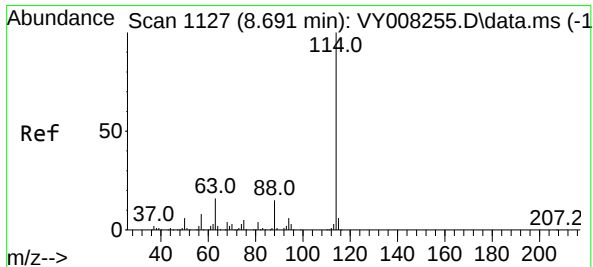
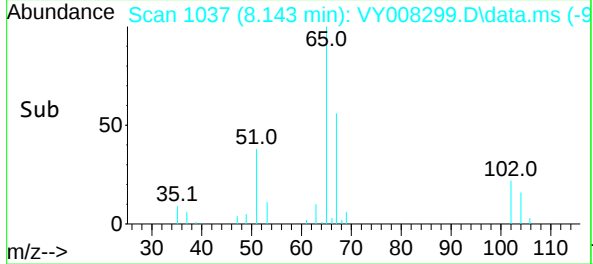
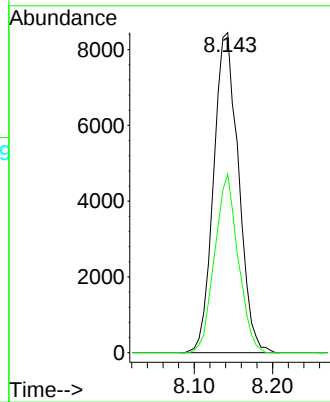
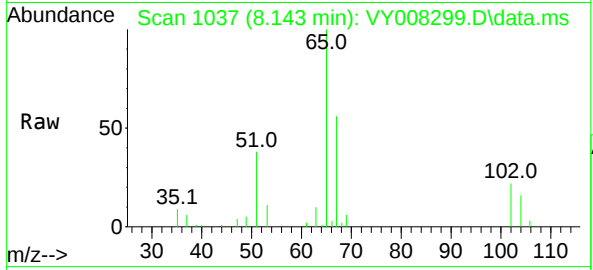




#33
 1,2-Dichloroethane-d4
 Concen: 55.073 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008299.D
 Acq: 12 Apr 2022 19:40

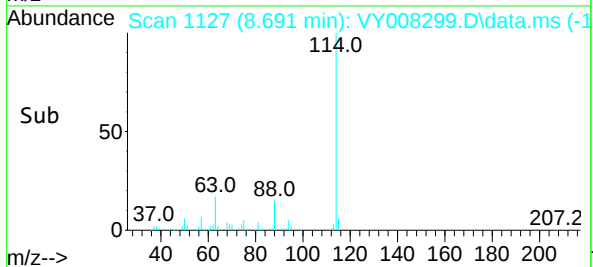
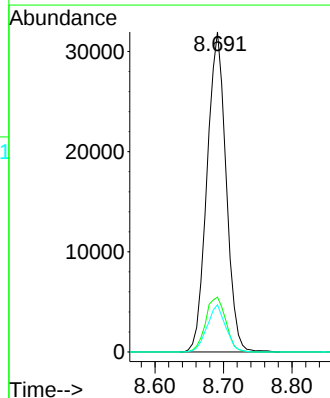
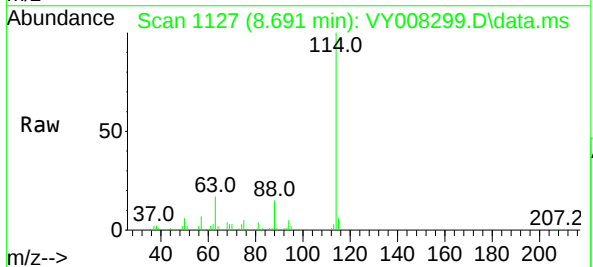
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222

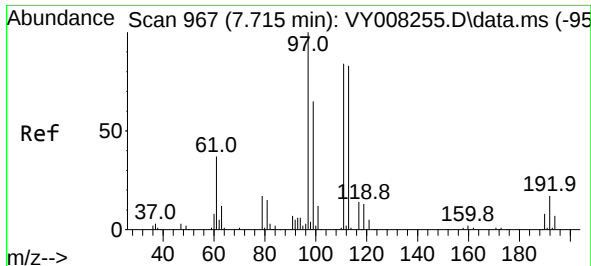
Tgt Ion: 65 Resp: 18670
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008299.D
 Acq: 12 Apr 2022 19:40

Tgt Ion: 114 Resp: 61791
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 43.2
 88 14.8 0.0 31.8

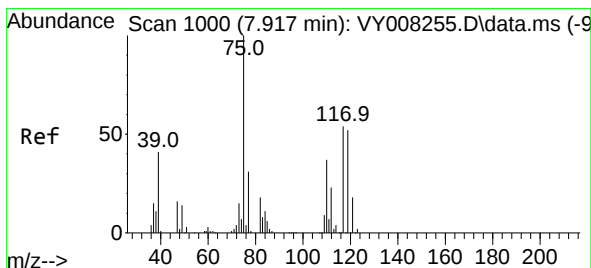
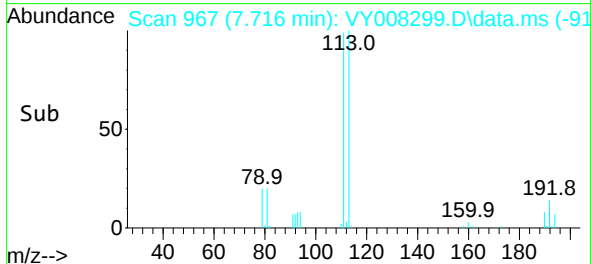
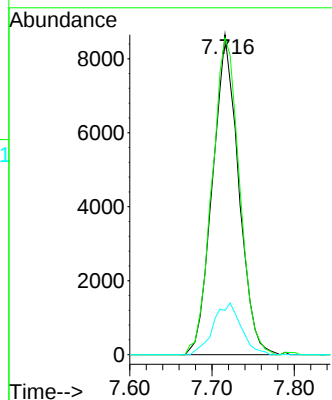
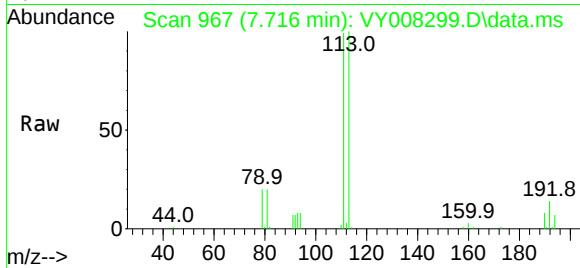




#35
Dibromofluoromethane
Concen: 53.366 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

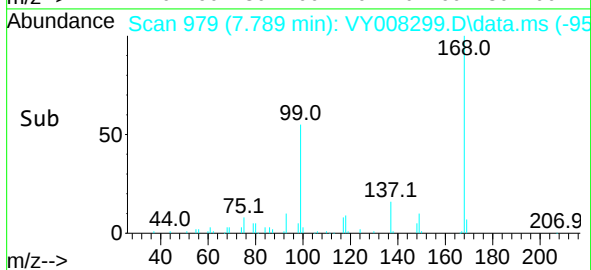
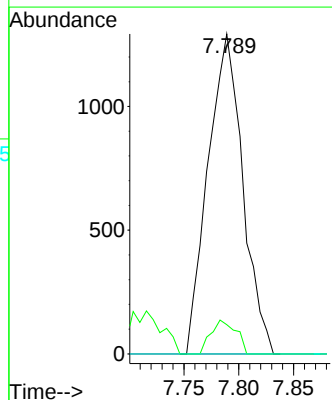
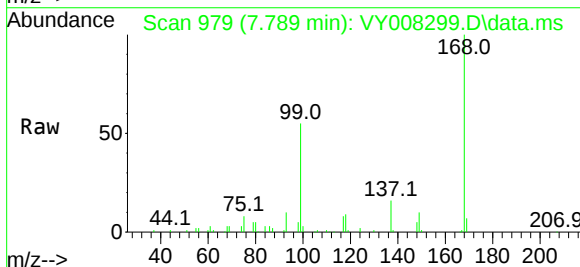
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

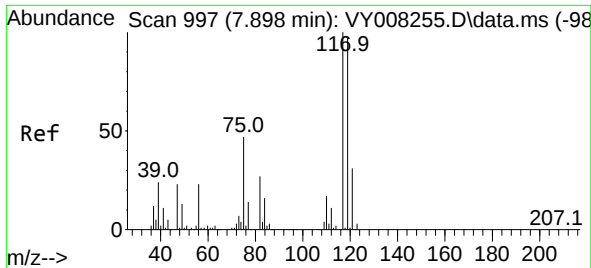
Tgt Ion:113 Resp: 19046
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

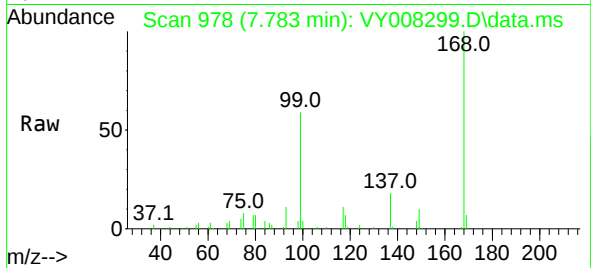
Tgt Ion: 75 Resp: 2852
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.2#
77 0.0 24.4 36.6#



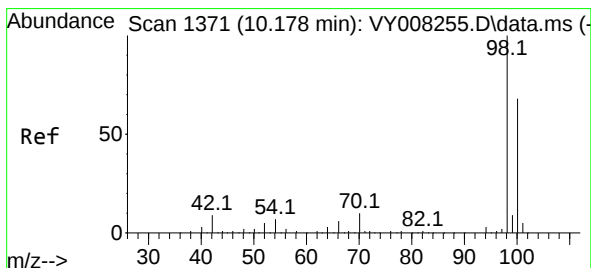
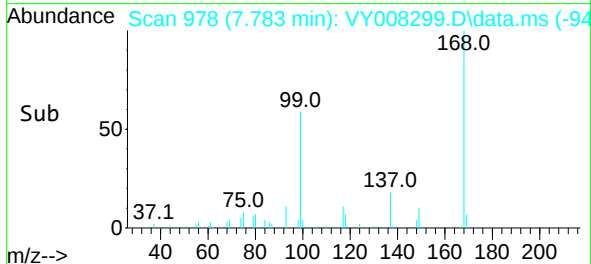
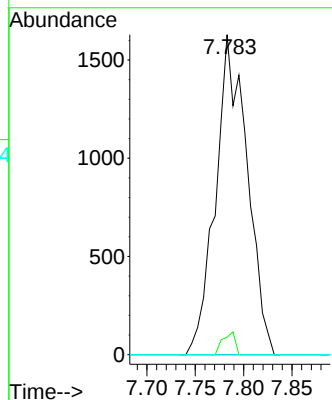


#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

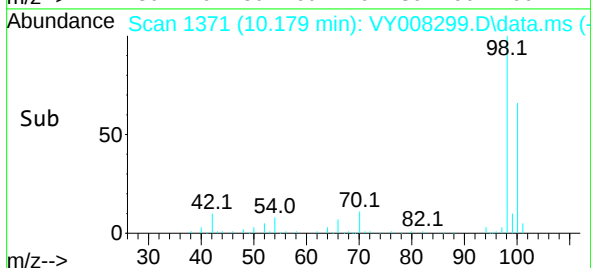
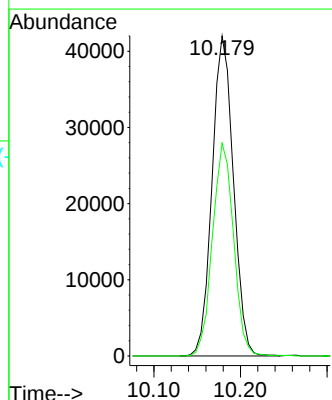
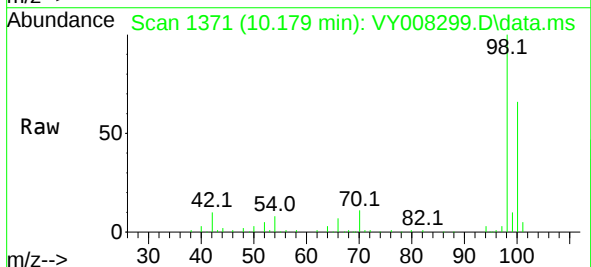


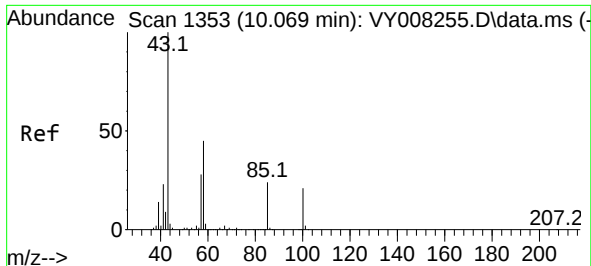
Tgt Ion:117 Resp: 3696
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 98 Resp: 71813
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

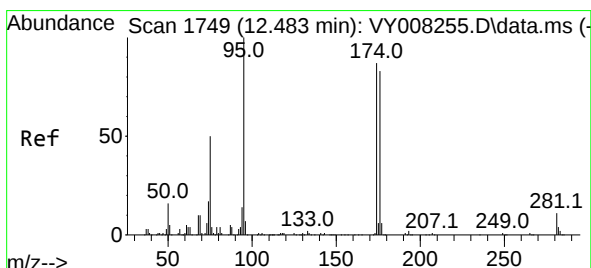
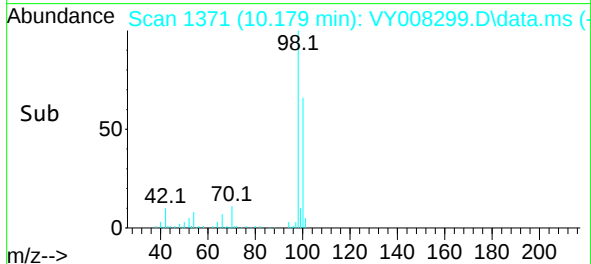
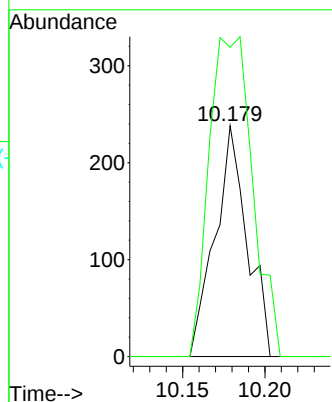
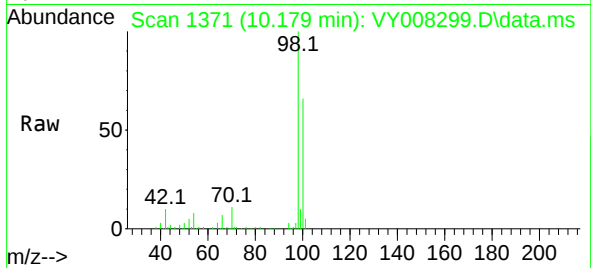




#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

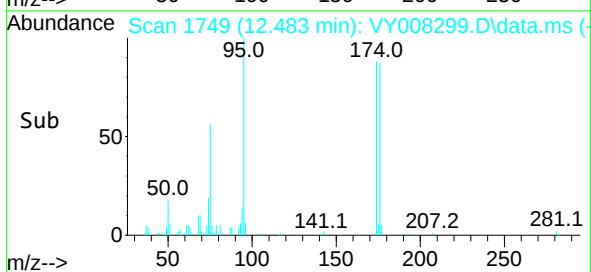
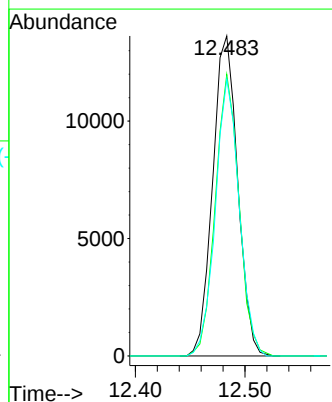
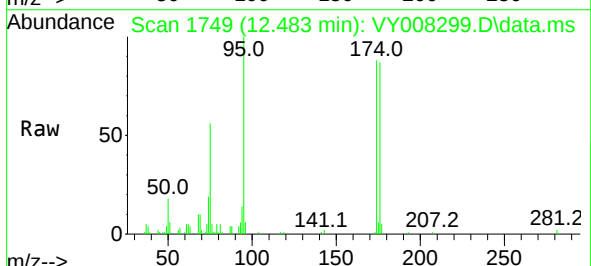
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

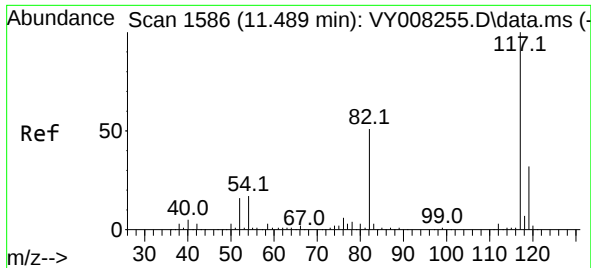
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
58 187.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 95 Resp: 21582
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 82.4 0.0 175.8

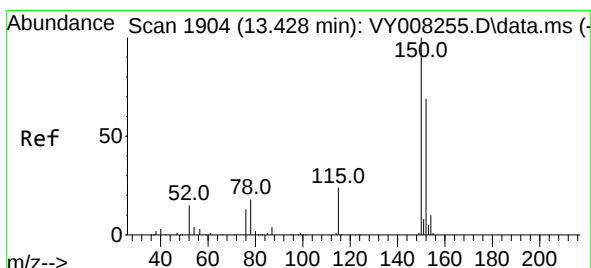
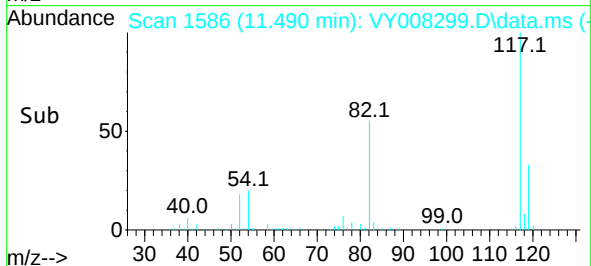
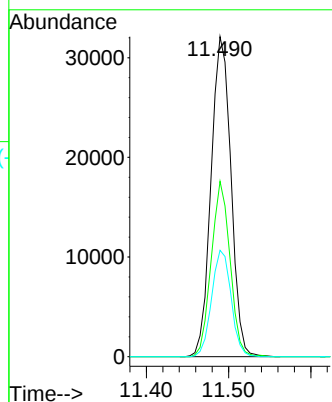
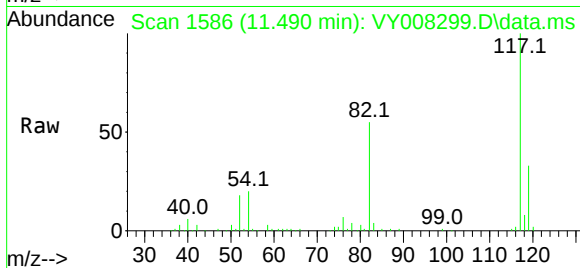




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

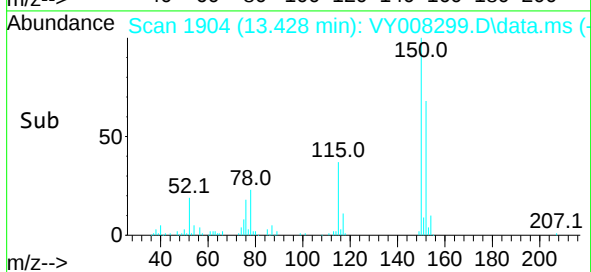
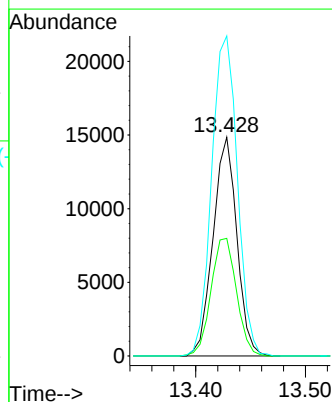
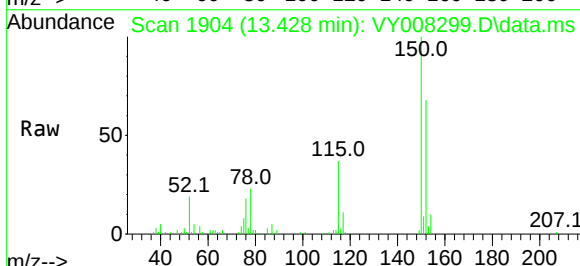
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

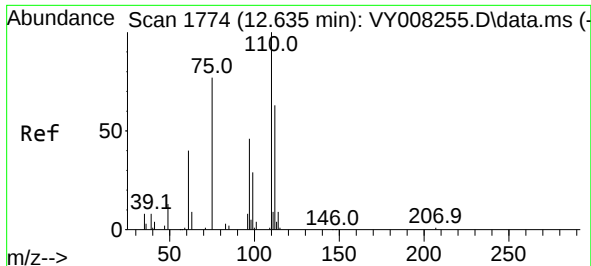
Tgt Ion:117 Resp: 53968
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion:152 Resp: 22447
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.7 0.0 347.6

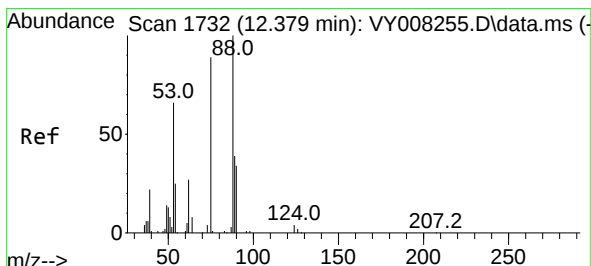
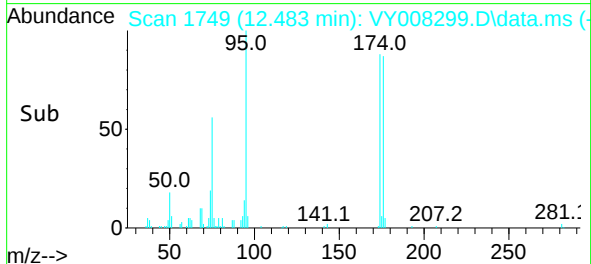
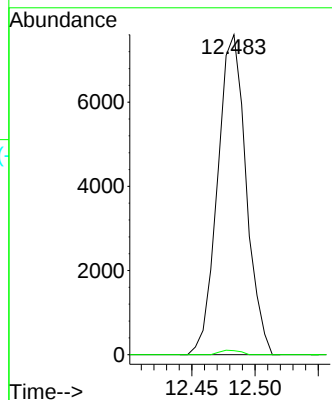
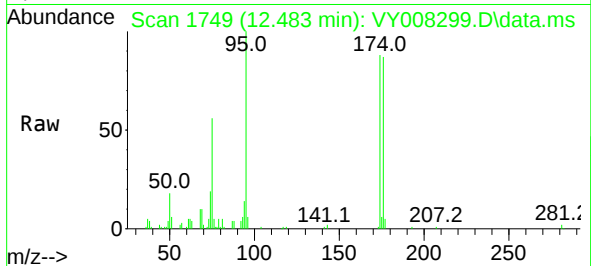




#76
1,2,3-Trichloropropane
Concen: 48.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

Tgt Ion: 75 Resp: 11926
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 75 Resp: 11926
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

