

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009719.D
 Acq On : 27 Jul 2022 13:08
 Operator : KP/MD
 Sample : N3906-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-7-26-22

Quant Time: Jul 28 02:45:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

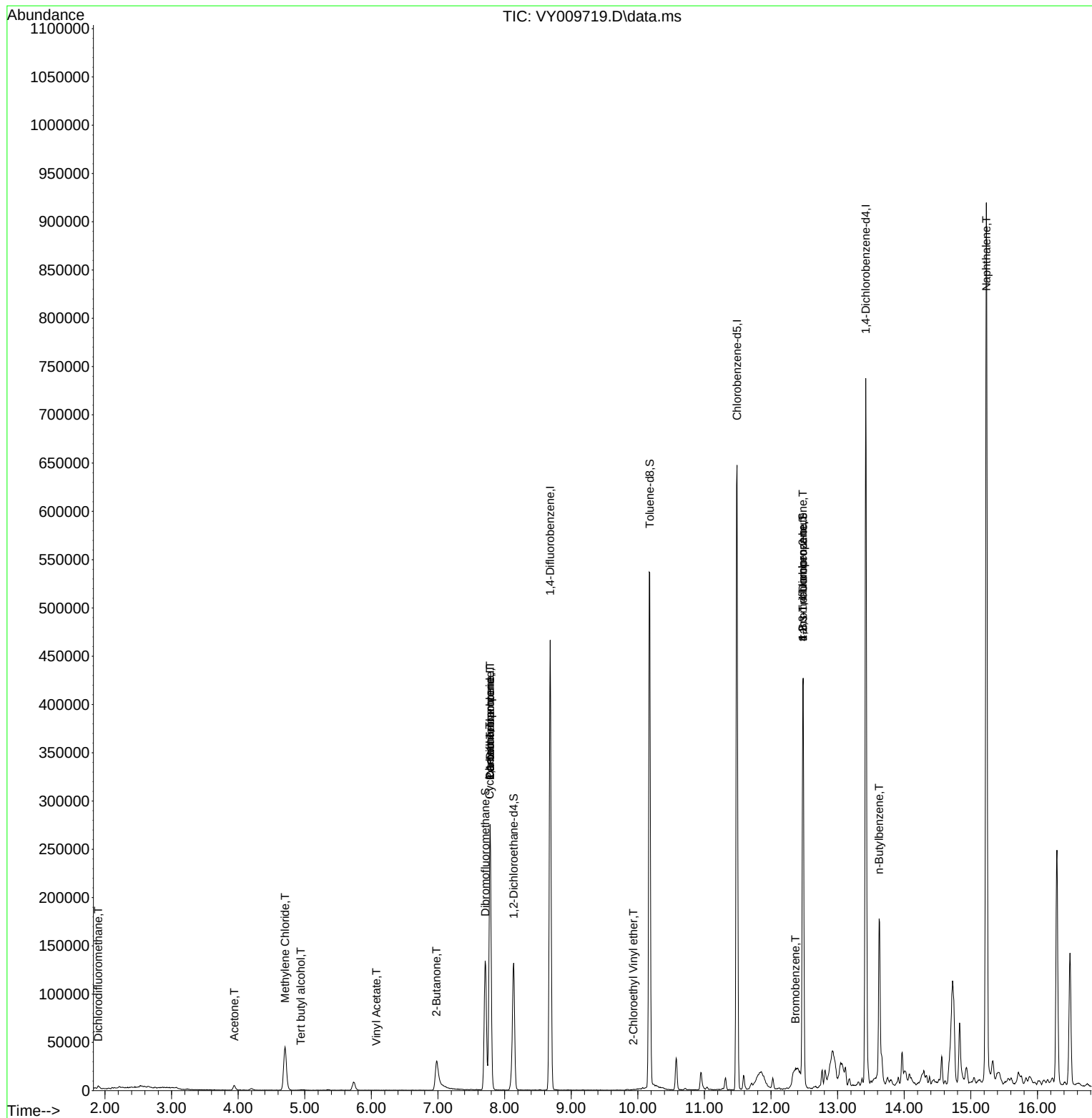
Internal Standards						
1) Pentafluorobenzene	7.783	168	224660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	402326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94721	64.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.760%	
35) Dibromofluoromethane	7.710	113	98312	44.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.860%	
50) Toluene-d8	10.179	98	365436	58.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 116.060%	
62) 4-Bromofluorobenzene	12.477	95	118337	40.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 81.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	2098	1.049	ug/l	99
11) Tert butyl alcohol	4.942	59	674	2.242	ug/l #	77
16) Acetone	3.942	43	8255	15.368	ug/l	92
18) Methyl Acetate	4.473	43	157	Below Cal	#	56
20) Methylene Chloride	4.704	84	34504	4.586	ug/l	85
23) Vinyl Acetate	6.076	43	39	7.482	ug/l #	75
25) 2-Butanone	6.978	43	2288	2.887	ug/l #	90
31) Cyclohexane	7.777	56	3789	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15072	4.233	ug/l #	51
38) Carbon Tetrachloride	7.783	117	19799	5.190	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.935	63	20	23.964	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	60937	33.161	ug/l #	100
77) Bromobenzene	12.367	156	10948	3.352	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	60937	66.099	ug/l #	7
89) n-Butylbenzene	13.623	91	14095	1.265	ug/l #	43
95) Naphthalene	15.233	128	770960	110.645	ug/l	98

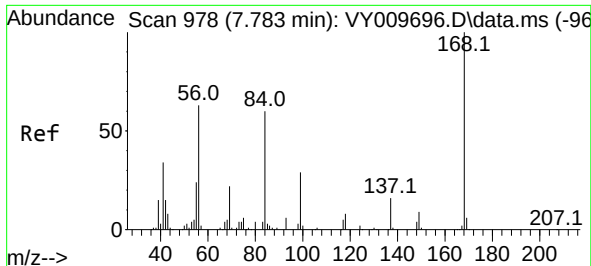
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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NB-7-7-26-22

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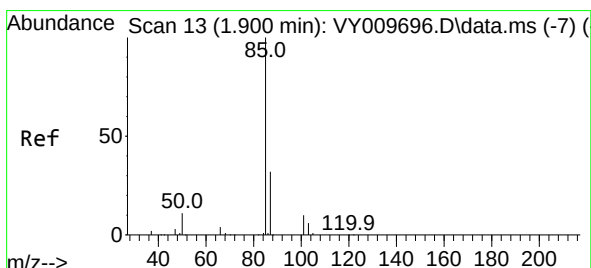
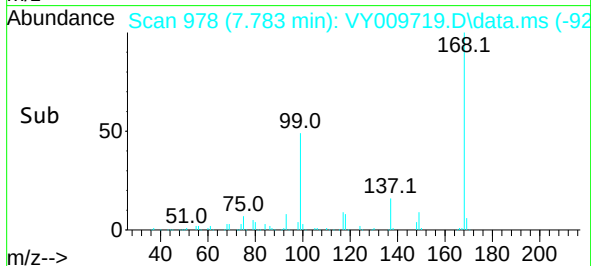
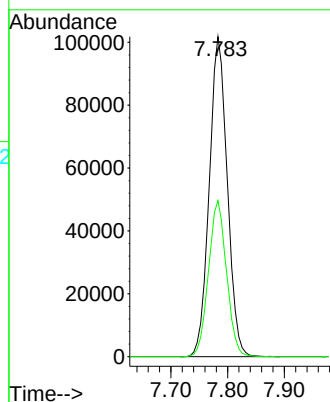
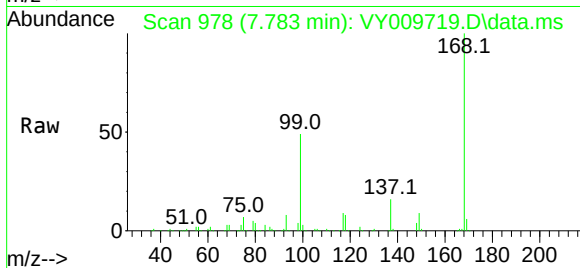




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

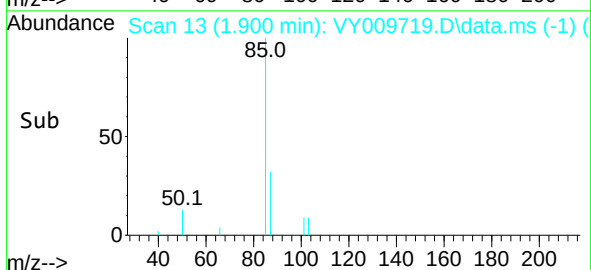
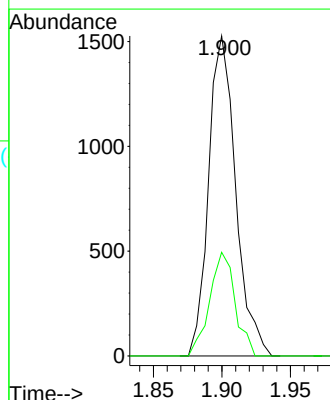
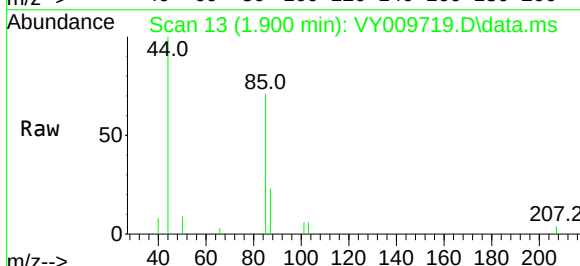
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-7-26-22

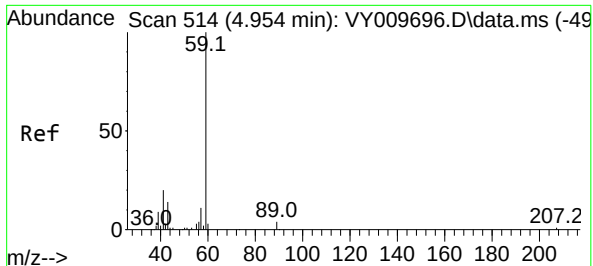
Tgt Ion:168 Resp: 224660
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.049 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 85 Resp: 2098
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

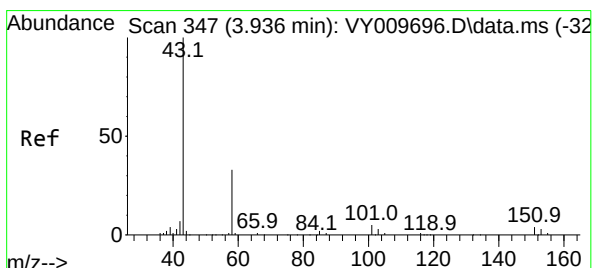
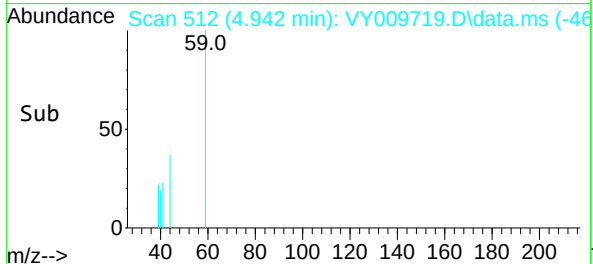
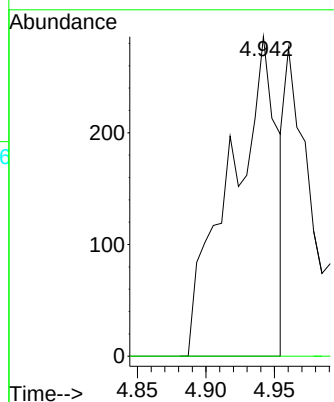
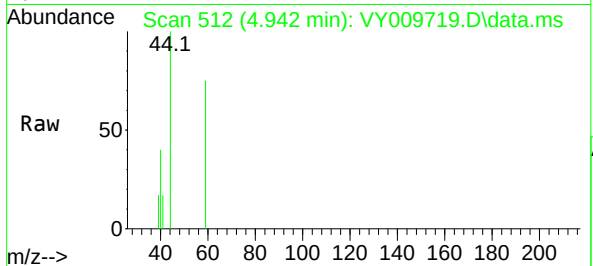




#11
Tert butyl alcohol
Concen: 2.242 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

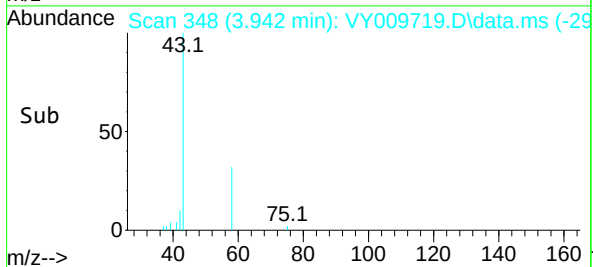
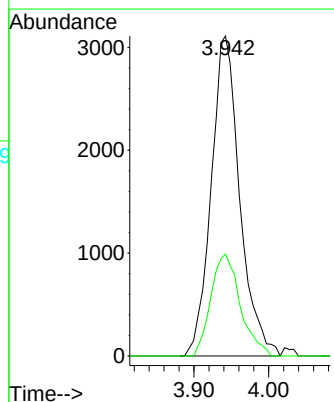
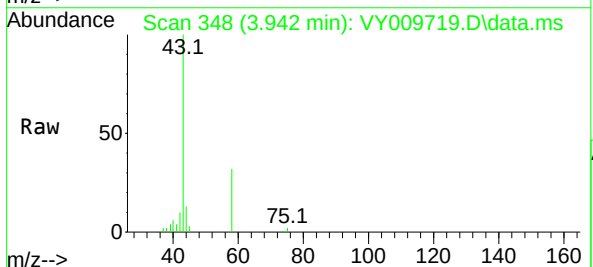
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-7-26-22

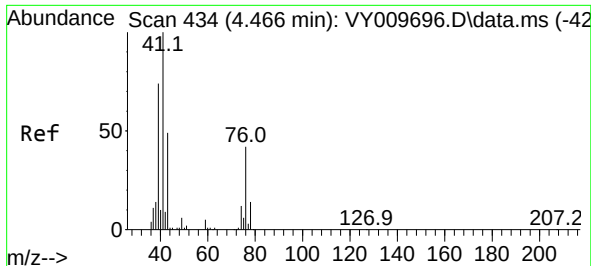
Tgt Ion: 59 Resp: 674
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 15.368 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 43 Resp: 8255
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

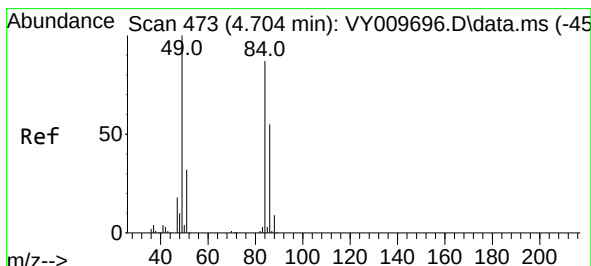
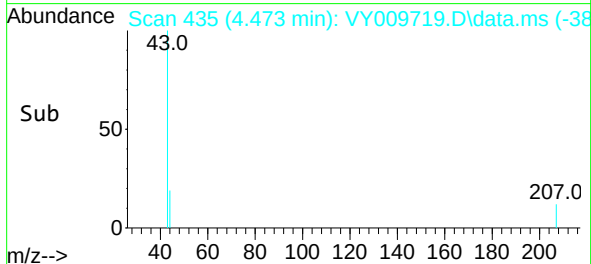
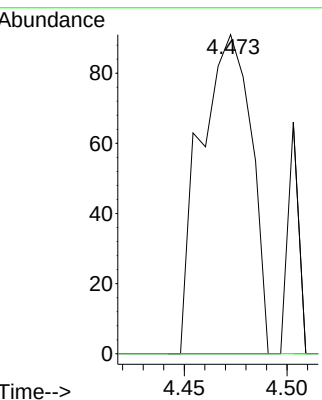
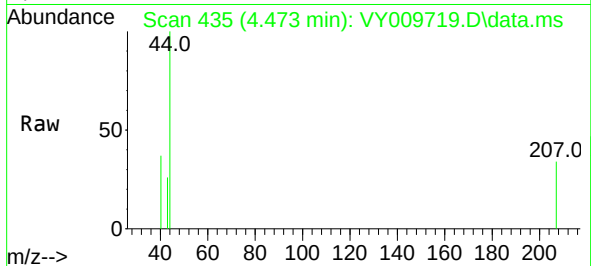




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

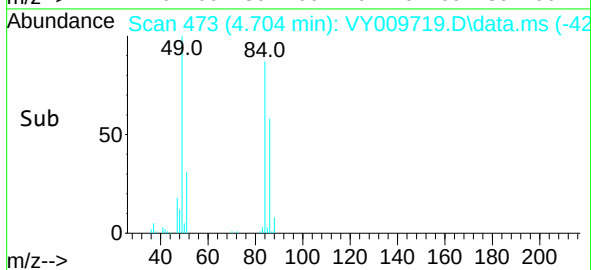
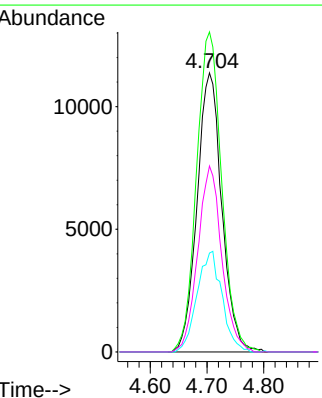
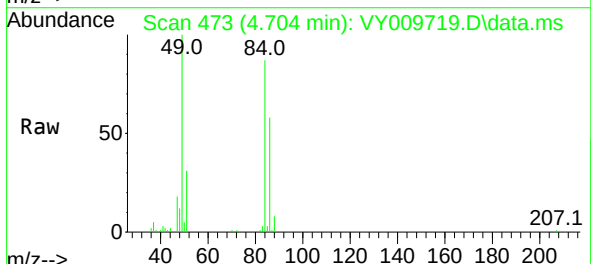
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-7-26-22

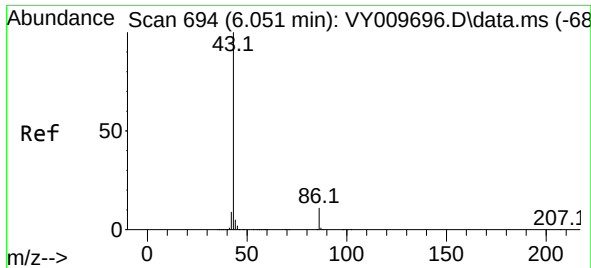
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.586 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 84 Resp: 34504
Ion Ratio Lower Upper
84 100
49 114.7 114.4 171.6
51 35.4 35.3 52.9
86 66.6 53.7 80.5

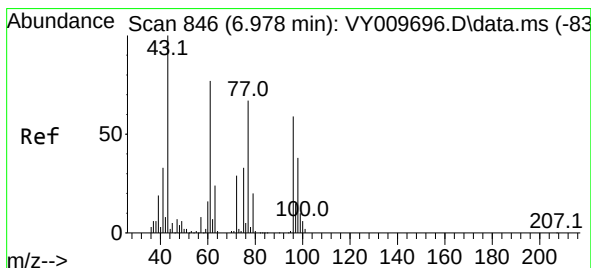
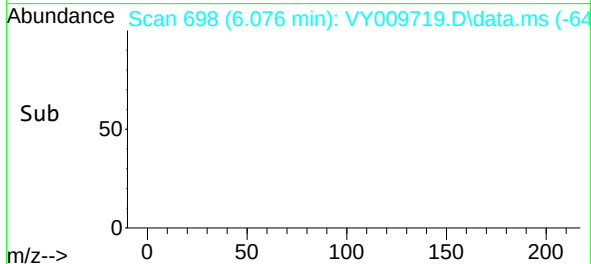
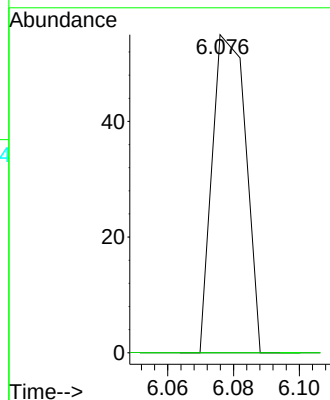
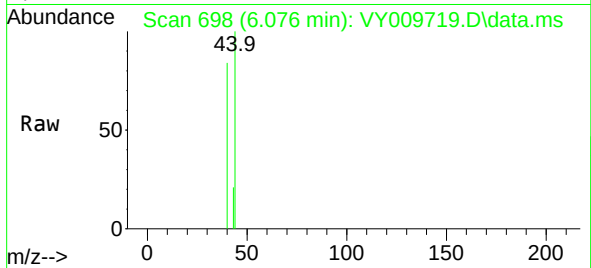




#23
 Vinyl Acetate
 Concen: 7.482 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

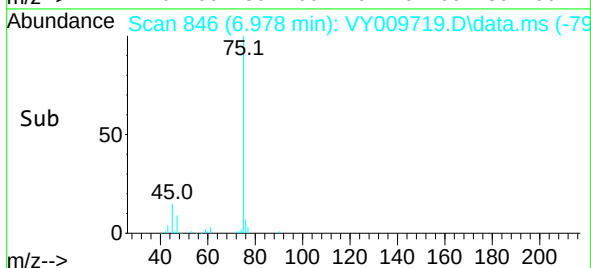
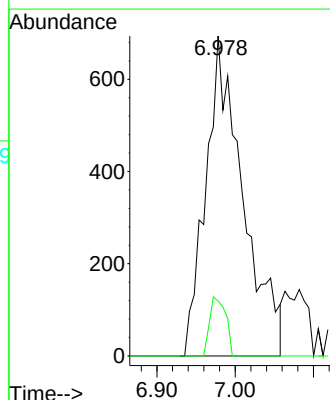
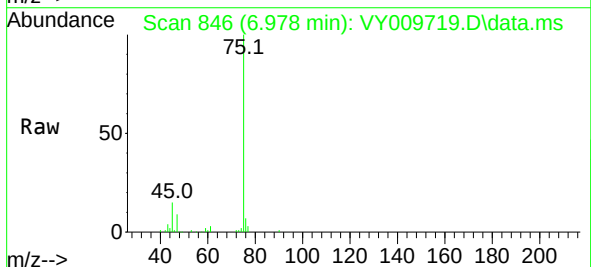
Instrument :
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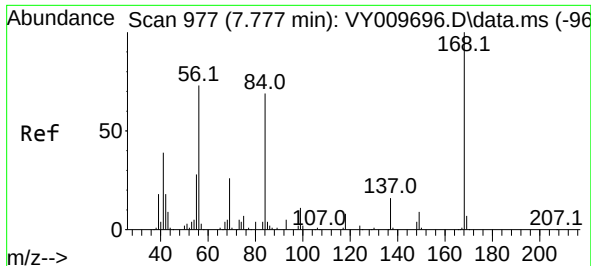
Tgt Ion: 43 Resp: 39
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 2.887 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

Tgt Ion: 43 Resp: 2288
 Ion Ratio Lower Upper
 43 100
 72 17.1 17.7 26.5#

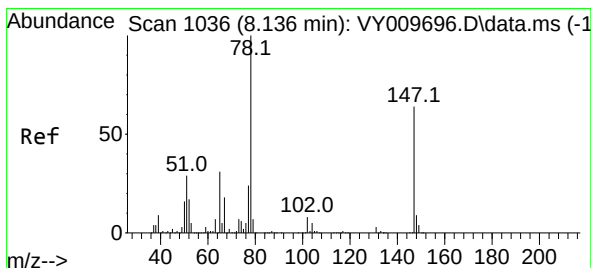
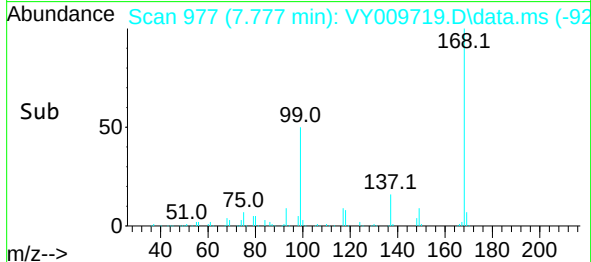
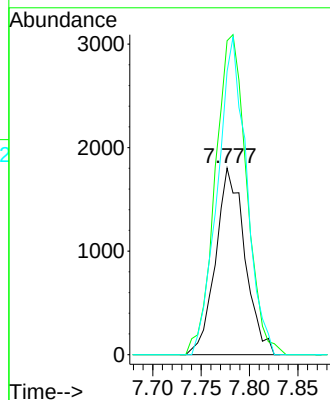
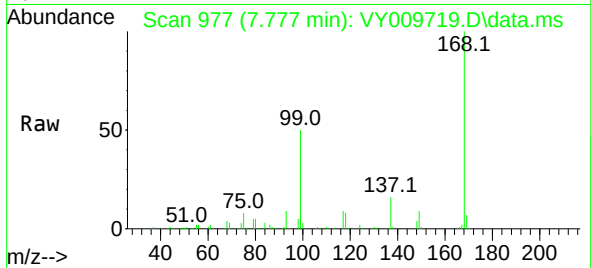




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

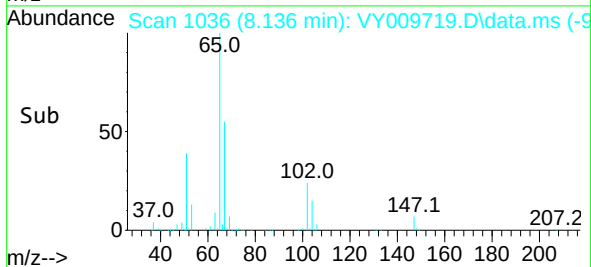
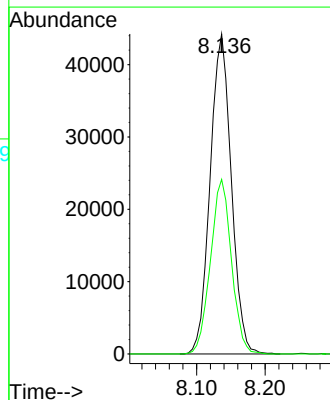
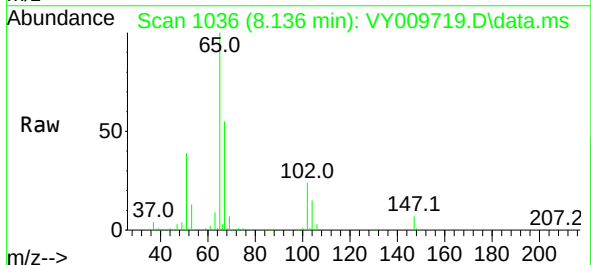
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ClientSampleId :
NB-7-7-26-22

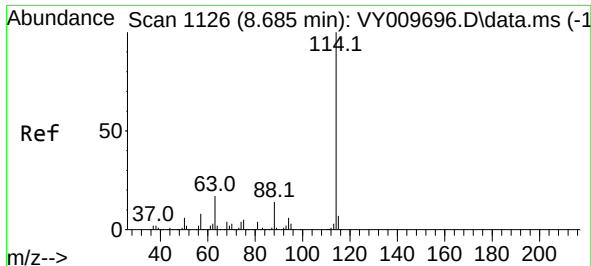
Tgt Ion: 56 Resp: 3789
Ion Ratio Lower Upper
56 100
69 168.3 26.7 40.1#
84 151.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.880 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 65 Resp: 94721
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

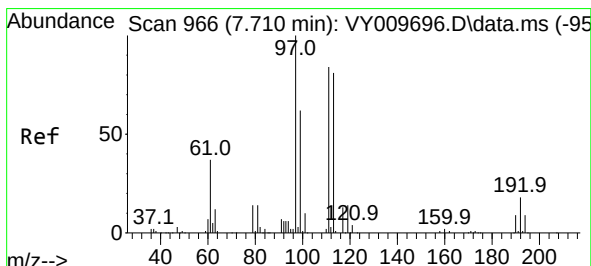
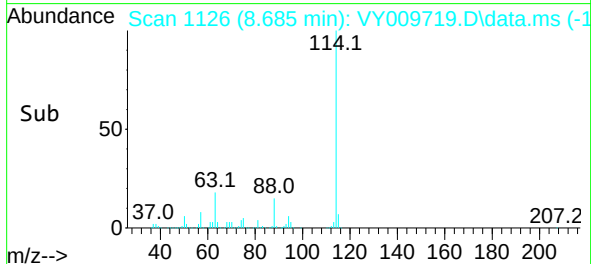
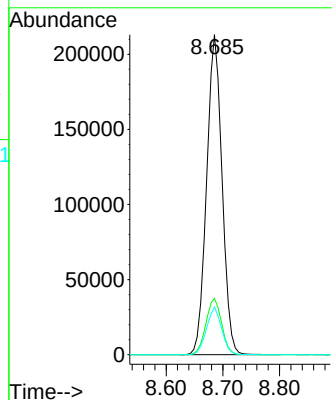
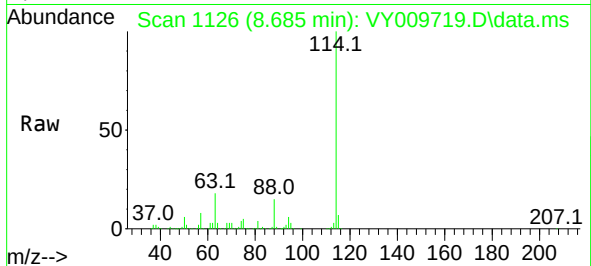




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

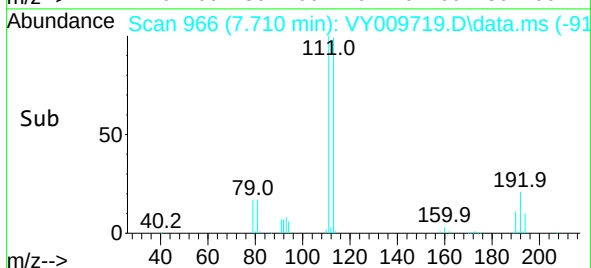
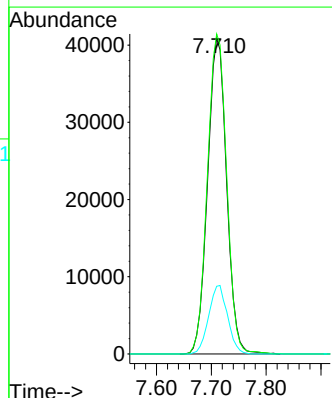
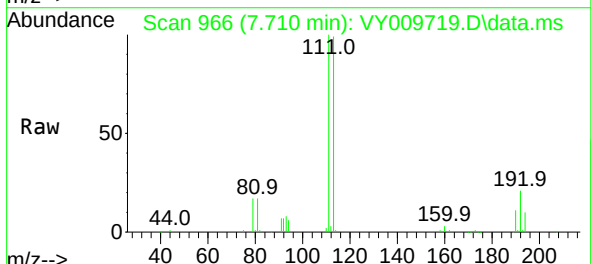
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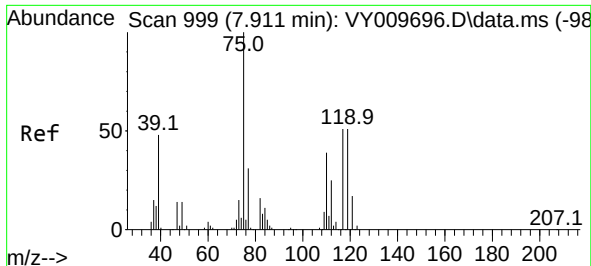
Tgt Ion:114 Resp: 402326
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.929 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion:113 Resp: 98312
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.5 17.6 26.4

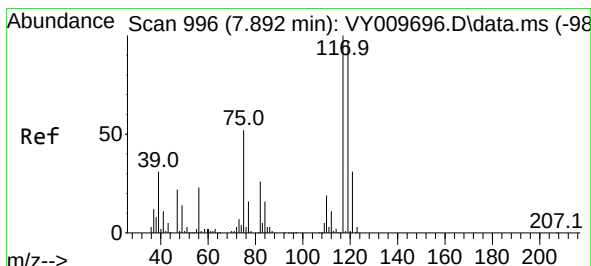
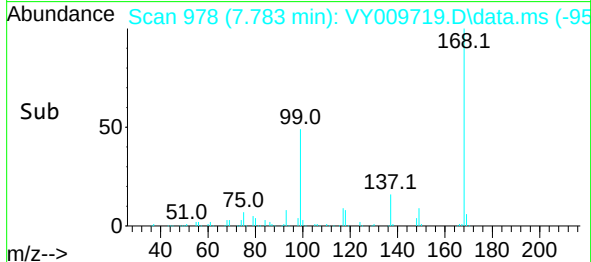
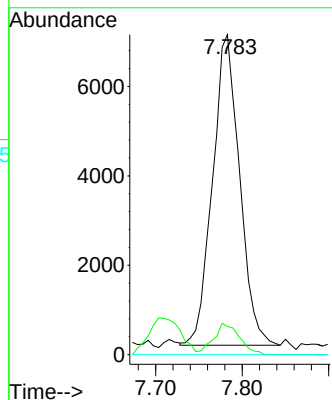
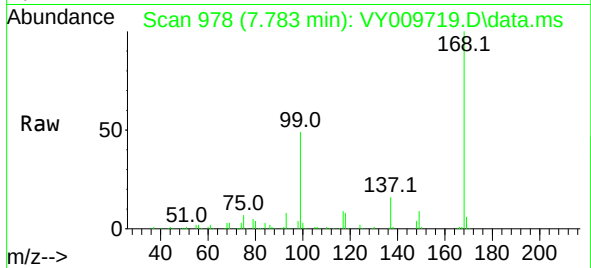




#36
 1,1-Dichloropropene
 Concen: 4.233 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

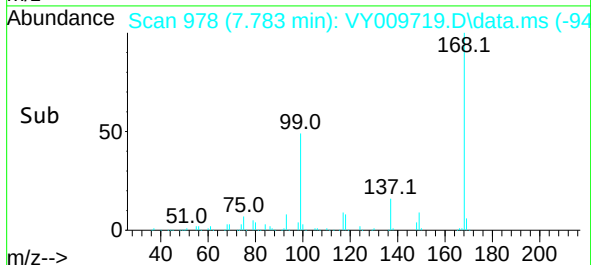
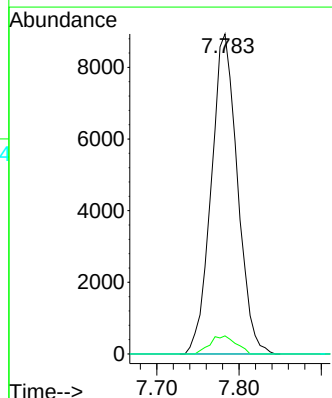
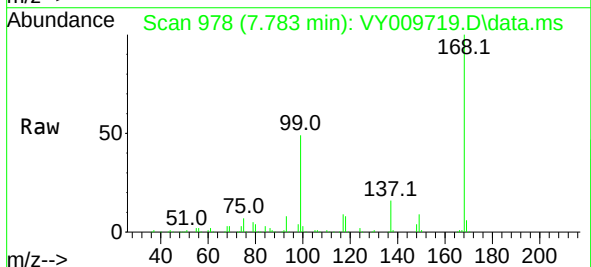
Instrument :
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 NB-7-7-26-22

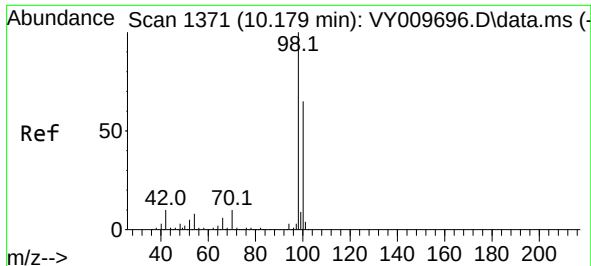
Tgt Ion: 75 Resp: 15072
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.190 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

Tgt Ion: 117 Resp: 19799
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.9 116.9#
 121 0.0 24.8 37.2#

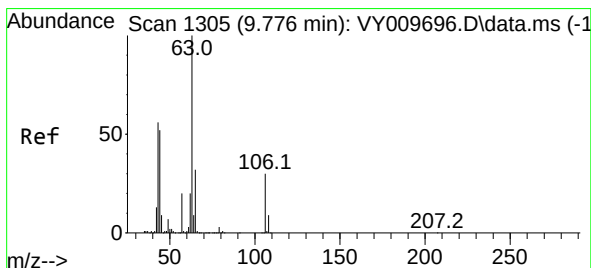
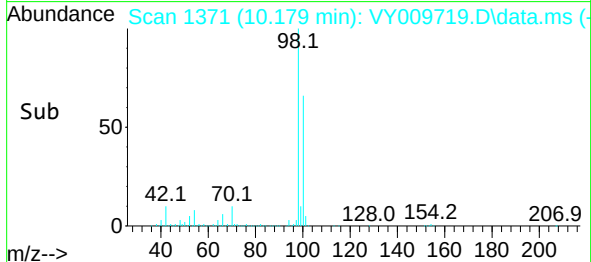
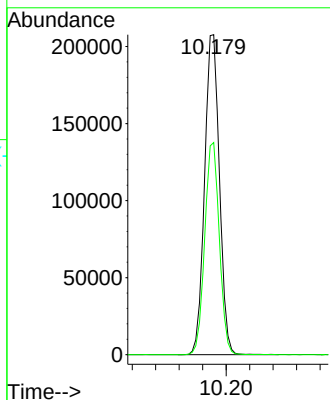
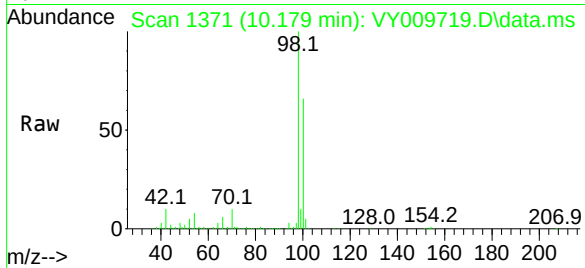




#50
Toluene-d8
Concen: 58.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

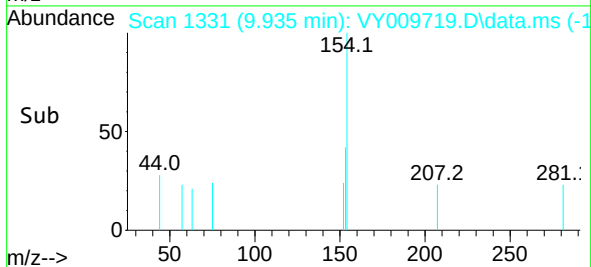
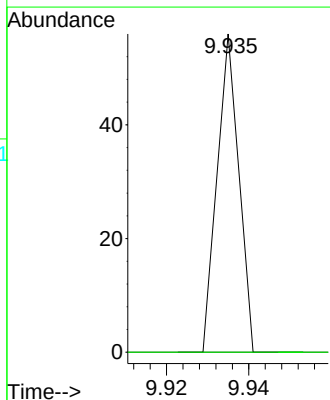
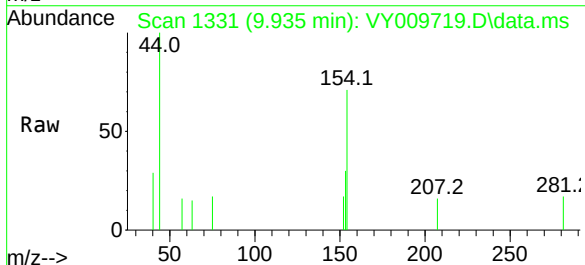
Instrument : MSVOA_Y
ClientSampleId : NB-7-7-26-22

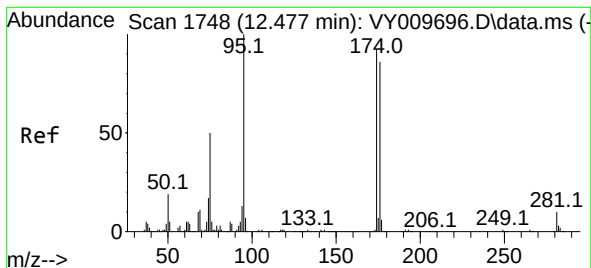
Tgt Ion: 98 Resp: 365436
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 23.964 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.159 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#





#62

4-Bromofluorobenzene

Concen: 40.786 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009719.D

Acq: 27 Jul 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-7-26-22

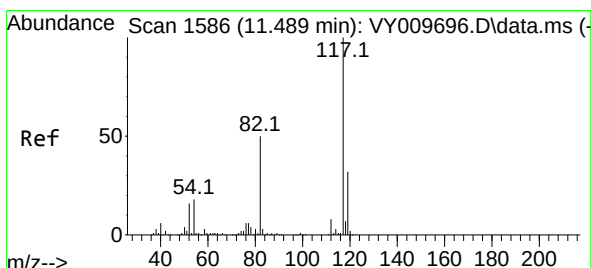
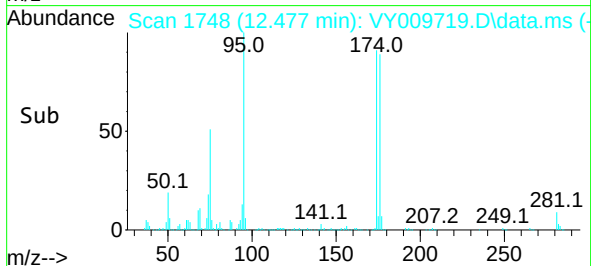
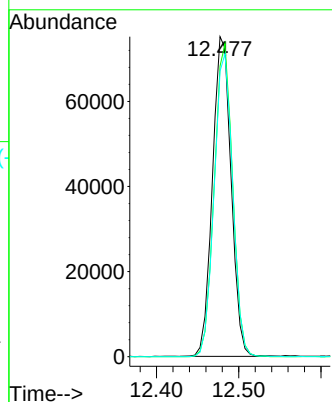
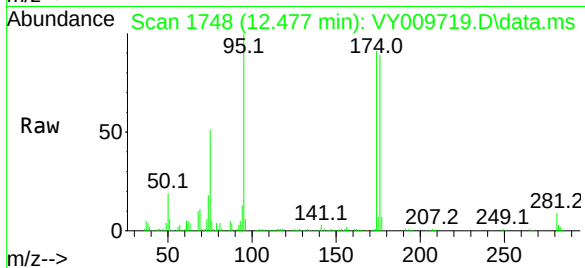
Tgt Ion: 95 Resp: 118337

Ion Ratio Lower Upper

95 100

174 96.2 0.0 177.0

176 94.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY009719.D

Acq: 27 Jul 2022 13:08

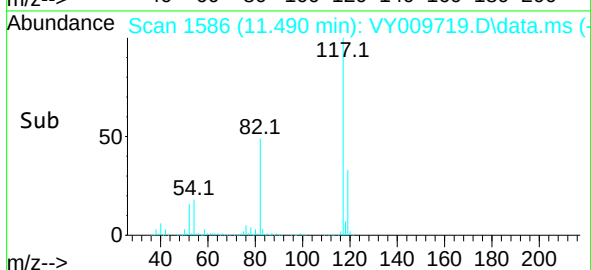
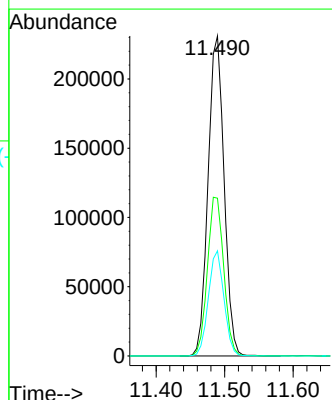
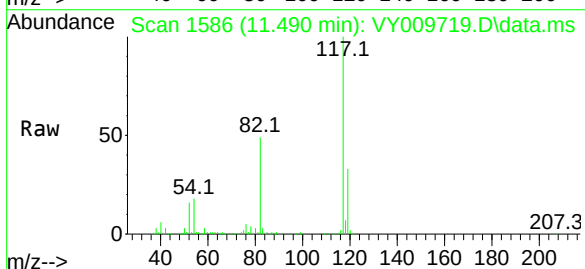
Tgt Ion: 117 Resp: 376371

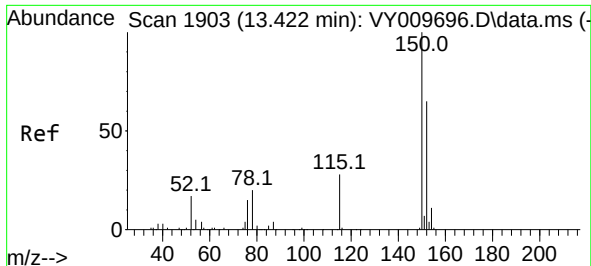
Ion Ratio Lower Upper

117 100

82 49.3 43.0 64.4

119 32.8 25.4 38.0

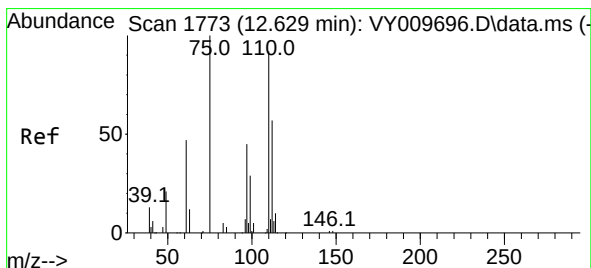
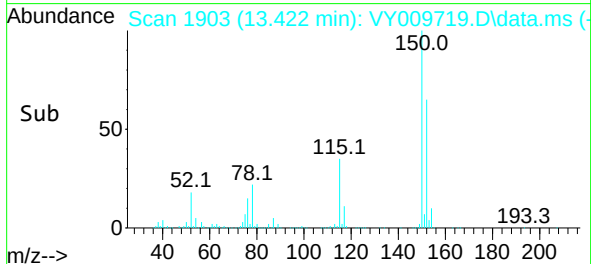
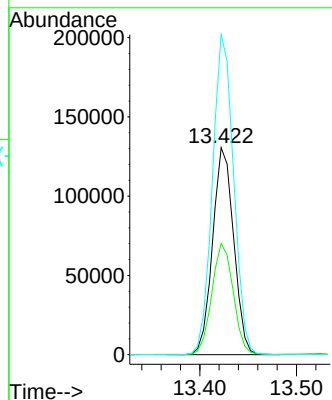
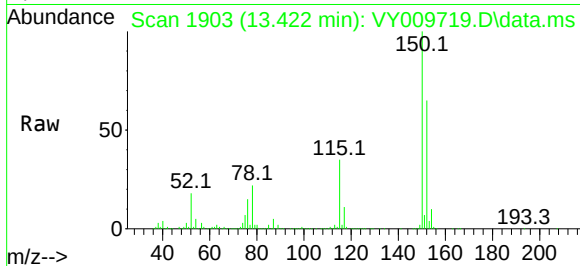




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

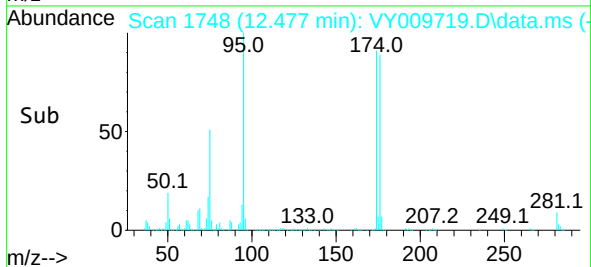
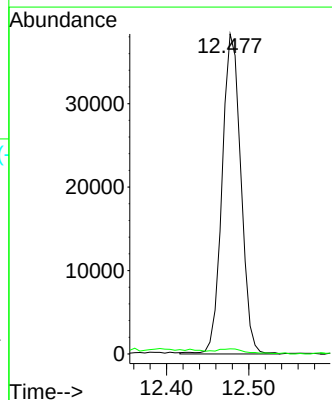
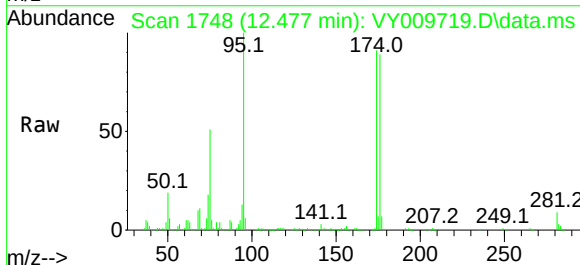
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-7-26-22

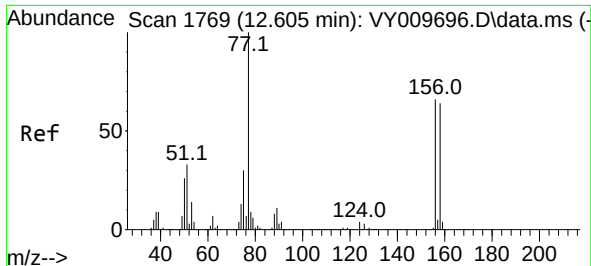
Tgt Ion:152 Resp: 197838
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 155.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 33.161 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009719.D
 Acq: 27 Jul 2022 13:08

Tgt Ion: 75 Resp: 60937
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

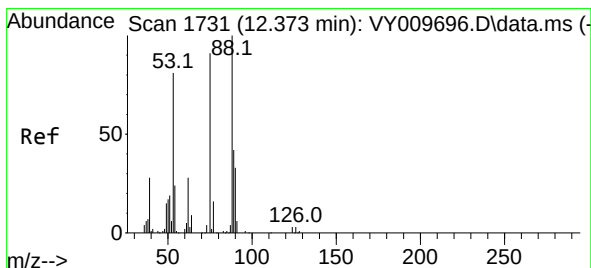
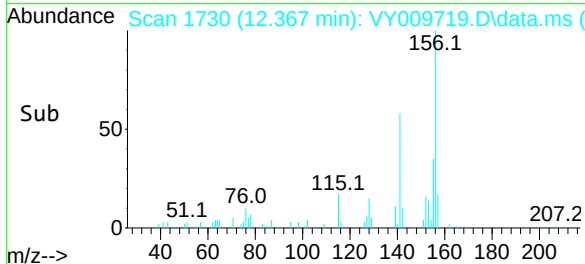
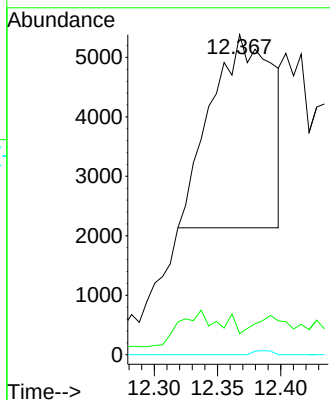
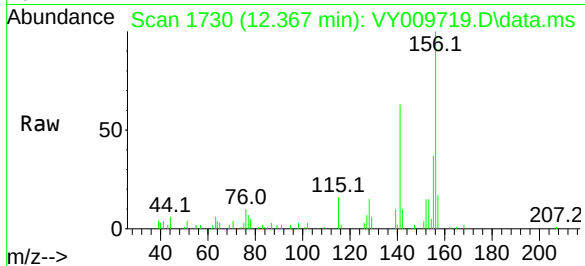




#77
Bromobenzene
Concen: 3.352 ug/l
RT: 12.367 min Scan# 11
Delta R.T. -0.238 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

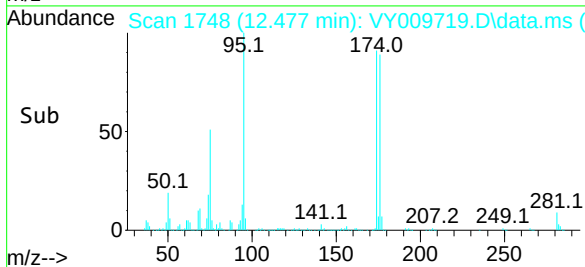
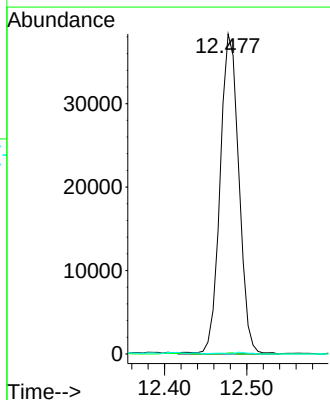
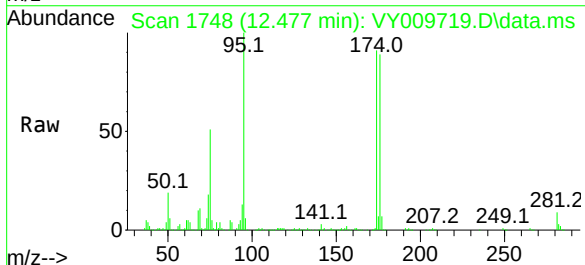
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-7-26-22

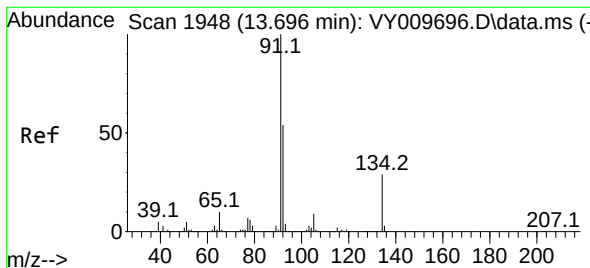
Tgt Ion:156 Resp: 10948
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.099 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009719.D
Acq: 27 Jul 2022 13:08

Tgt Ion: 75 Resp: 60937
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#





#89

n-Butylbenzene

Concen: 1.265 ug/l

RT: 13.623 min Scan# 1948

Delta R.T. -0.073 min

Lab File: VY009719.D

Acq: 27 Jul 2022 13:08

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-7-26-22

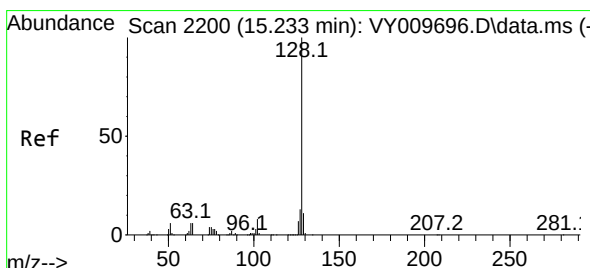
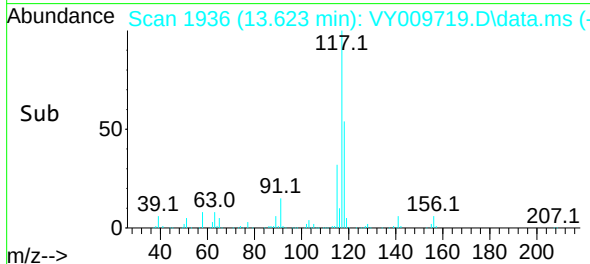
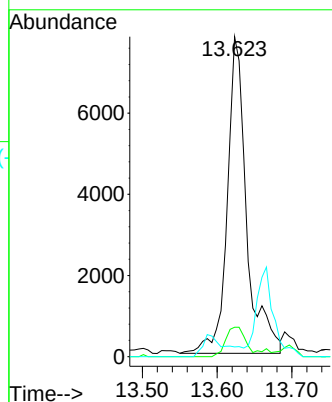
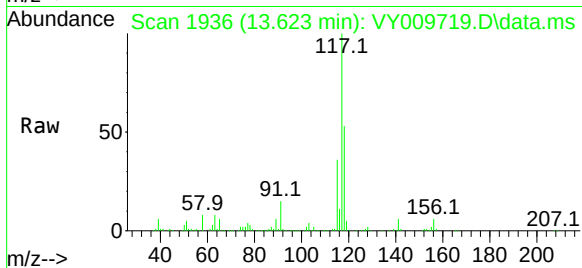
Tgt Ion: 91 Resp: 14095

Ion Ratio Lower Upper

91 100

92 10.1 26.3 78.9#

134 0.0 13.0 38.9#



#95

Naphthalene

Concen: 110.645 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009719.D

Acq: 27 Jul 2022 13:08

Tgt Ion:128 Resp: 770960

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.9 8.4 12.6

