

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014633.D
 Acq On : 13 Jul 2023 17:36
 Operator : SY/MD
 Sample : 03591-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-071223

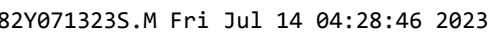
Quant Time: Jul 14 04:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	229884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	369116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	141725	54.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.200%	
35) Dibromofluoromethane	7.710	113	125867	49.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.780%	
50) Toluene-d8	10.173	98	474971	50.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.477	95	180389	50.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	253	2.463	ug/l #	47
11) Tert butyl alcohol	4.924	59	5414	Below Cal	#	96
16) Acetone	3.942	43	10719	12.913	ug/l #	88
20) Methylene Chloride	4.704	84	13938	1.033	ug/l	87
25) 2-Butanone	6.966	43	5493	4.523	ug/l #	68
26) 2,2-Dichloropropane	6.972	77	5891	1.322	ug/l #	57
31) Cyclohexane	7.783	56	5446	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18190	4.773	ug/l #	50
38) Carbon Tetrachloride	7.777	117	22737	5.644	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	92243	41.863	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	92243	81.054	ug/l #	11
95) Naphthalene	15.239	128	9190	1.118	ug/l #	95

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
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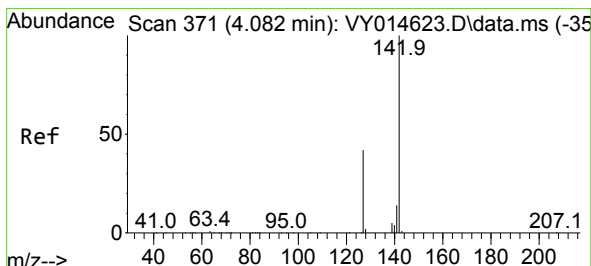
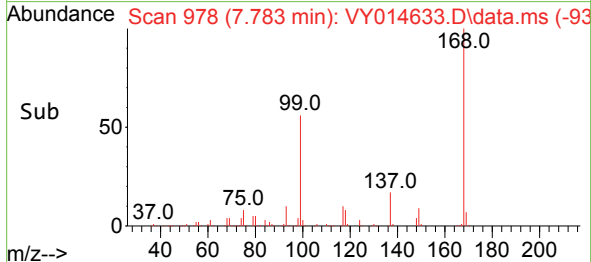
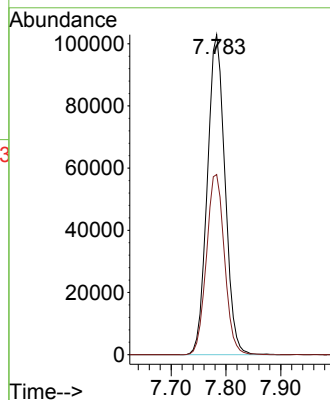
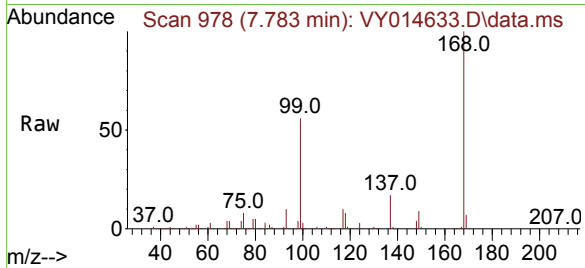




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

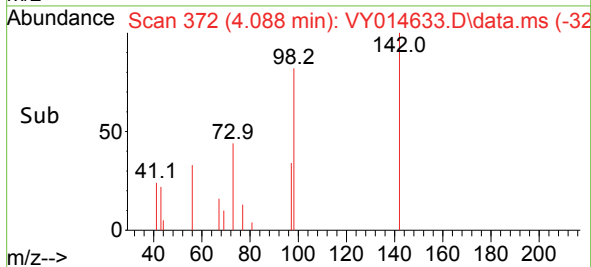
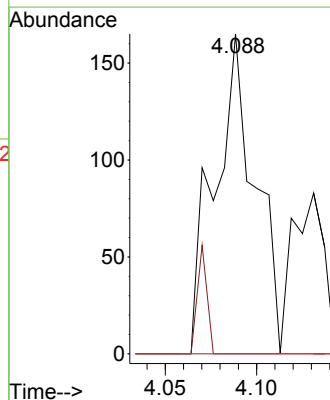
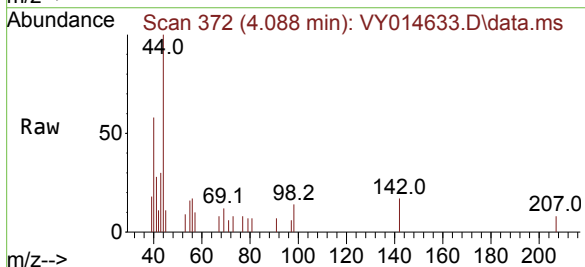
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

Tgt Ion:168 Resp: 229884
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.463 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 7.9 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 12.913 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY014633.D

Acq: 13 Jul 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

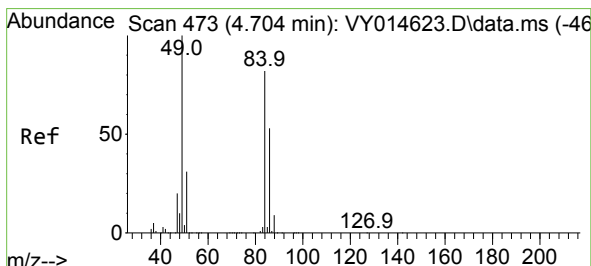
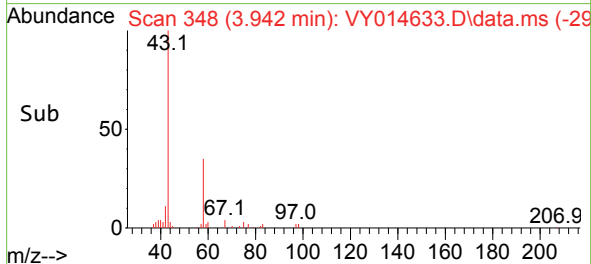
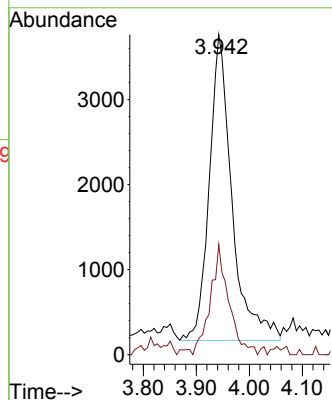
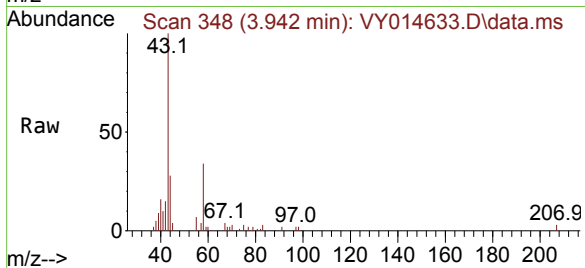
NB-8-071223

Tgt Ion: 43 Resp: 10719

Ion Ratio Lower Upper

43 100

58 34.5 22.7 34.1#



#20

Methylene Chloride

Concen: 1.033 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014633.D

Acq: 13 Jul 2023 17:36

Tgt Ion: 84 Resp: 13938

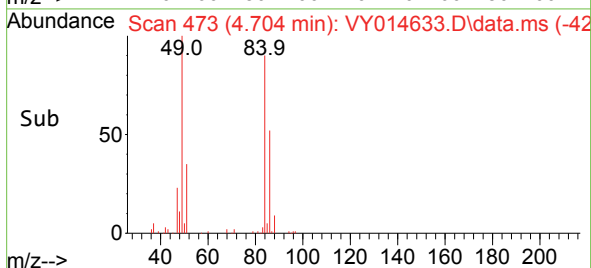
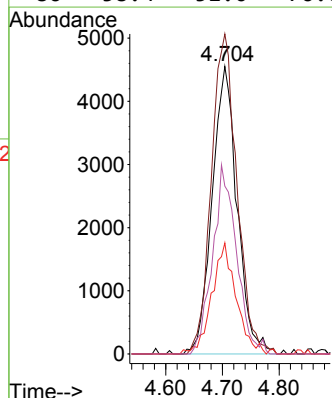
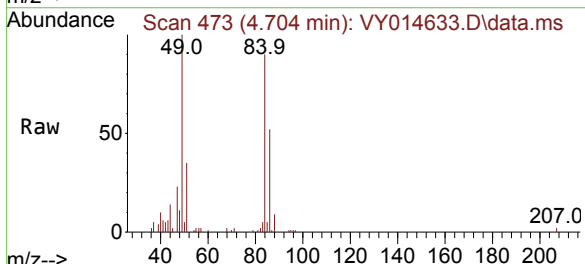
Ion Ratio Lower Upper

84 100

49 111.3 106.9 160.3

51 38.6 33.2 49.8

86 58.4 51.0 76.6





#25

2-Butanone

Concen: 4.523 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014633.D

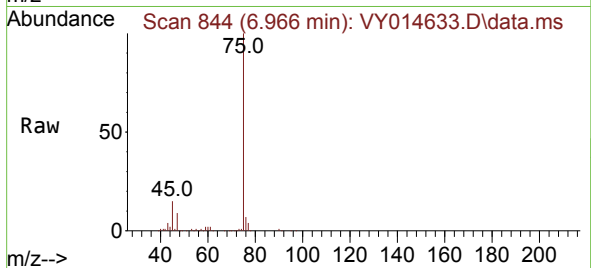
Acq: 13 Jul 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-071223

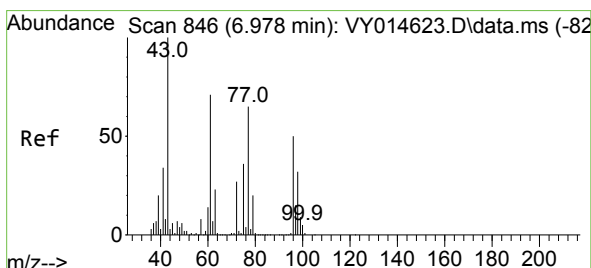
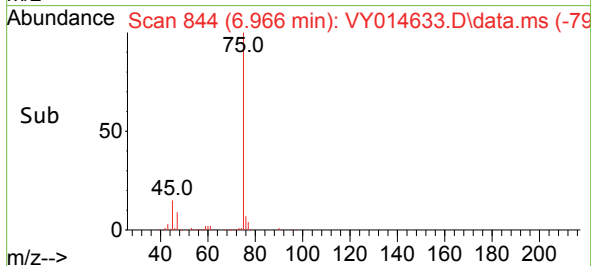
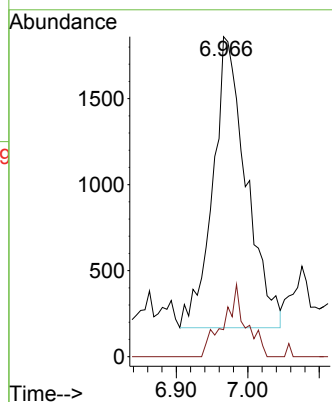


Tgt Ion: 43 Resp: 5493

Ion Ratio Lower Upper

43 100

72 9.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.322 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY014633.D

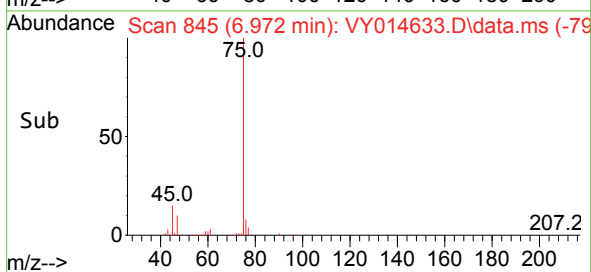
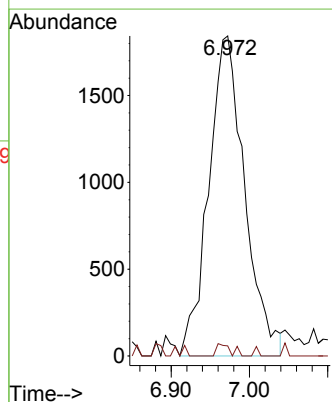
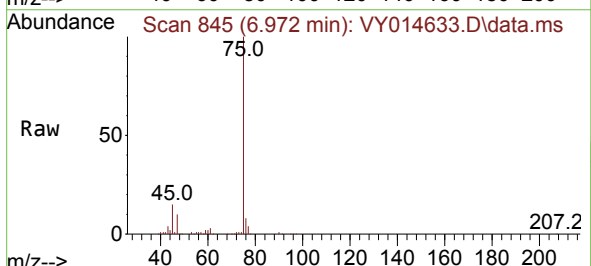
Acq: 13 Jul 2023 17:36

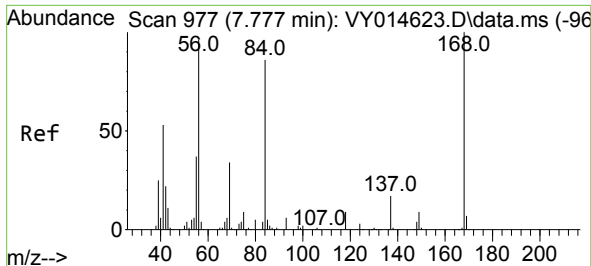
Tgt Ion: 77 Resp: 5891

Ion Ratio Lower Upper

77 100

97 1.5 10.9 32.9#

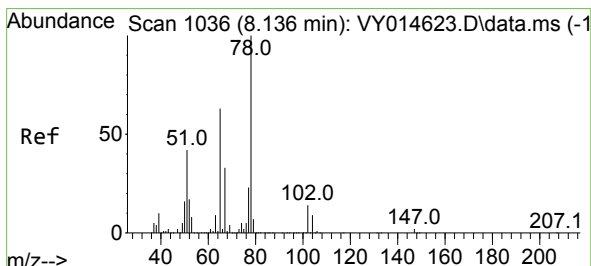
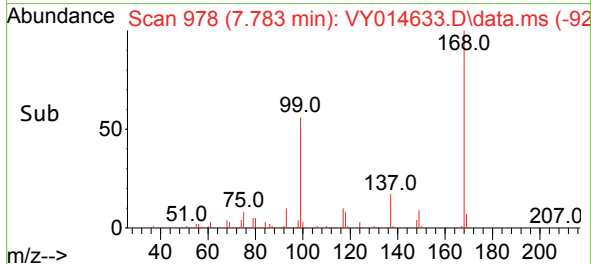
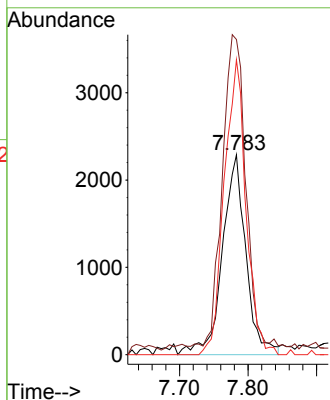
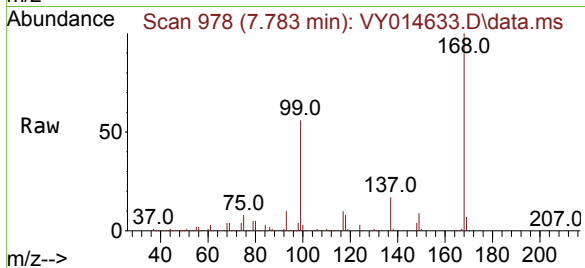




#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

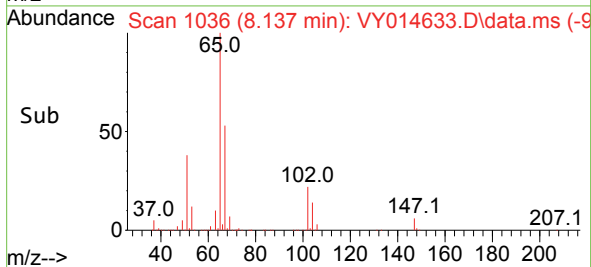
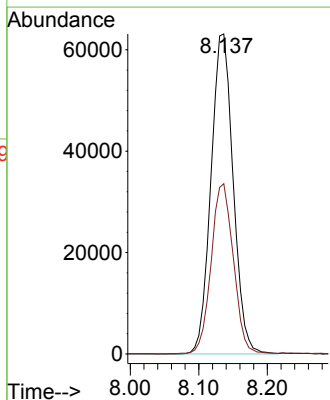
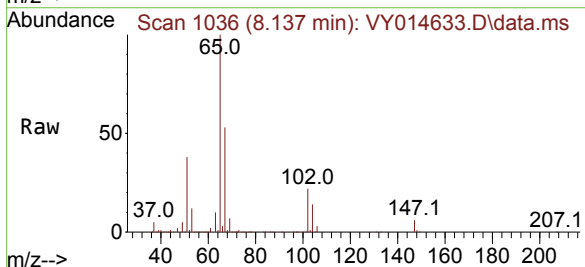
Instrument :
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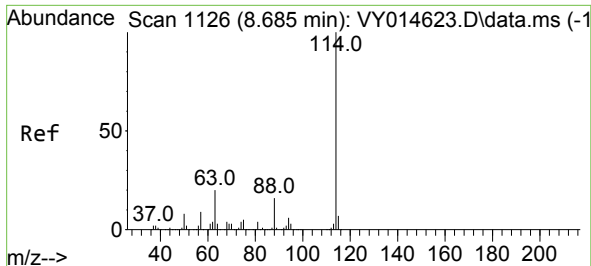
Tgt Ion: 56 Resp: 5446
Ion Ratio Lower Upper
56 100
69 153.3 27.8 41.6#
84 147.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.101 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion: 65 Resp: 141725
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

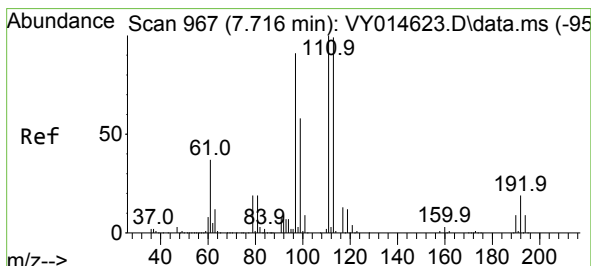
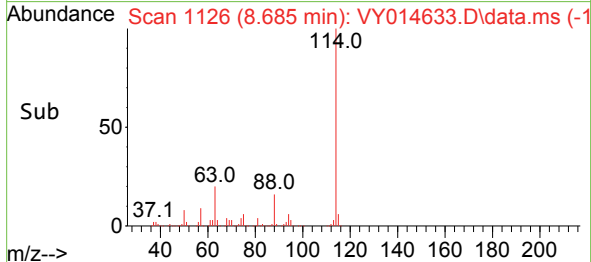
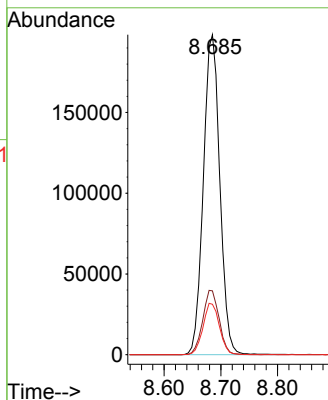
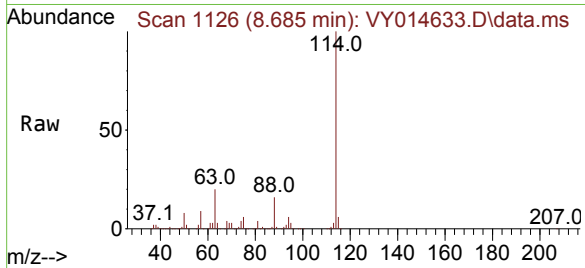




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

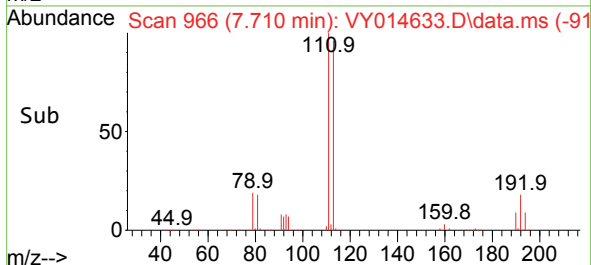
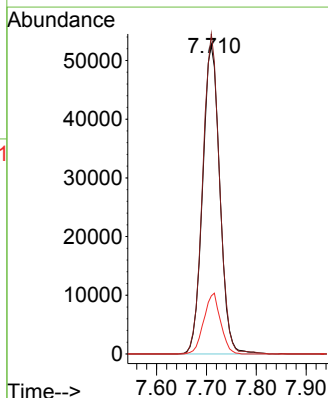
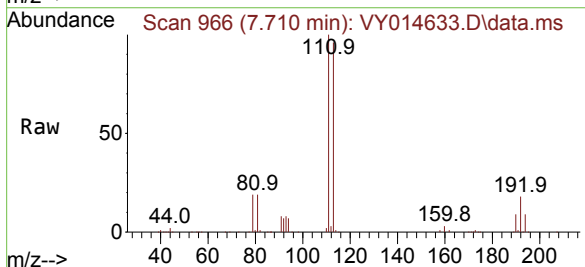
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

Tgt Ion:114 Resp: 400353
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion:113 Resp: 125867
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.2 16.9 25.3

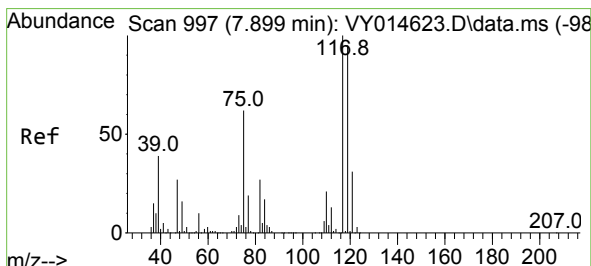
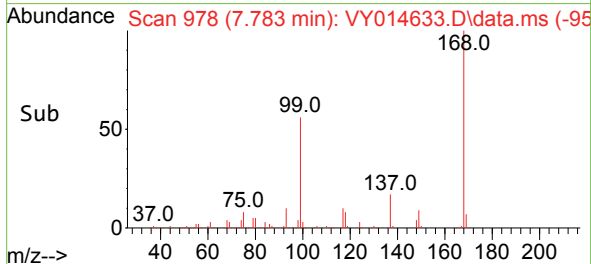
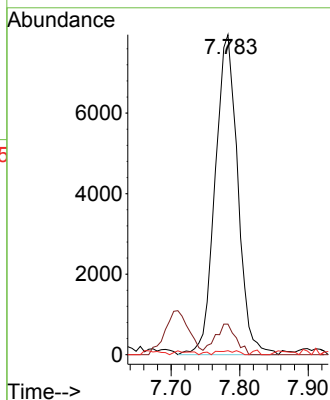
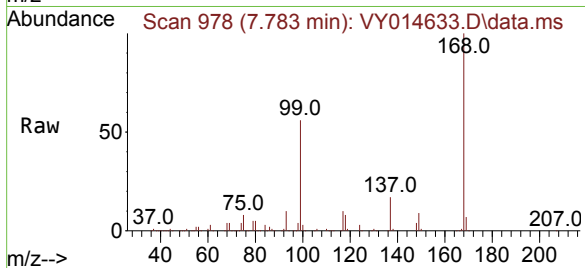




#36
 1,1-Dichloropropene
 Concen: 4.773 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY014633.D
 Acq: 13 Jul 2023 17:36

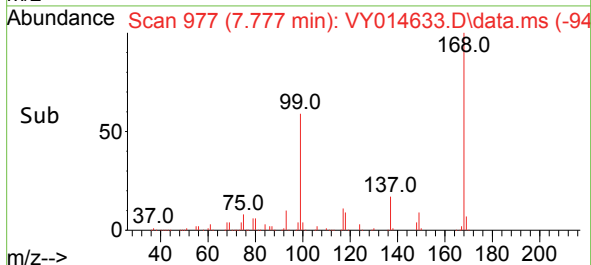
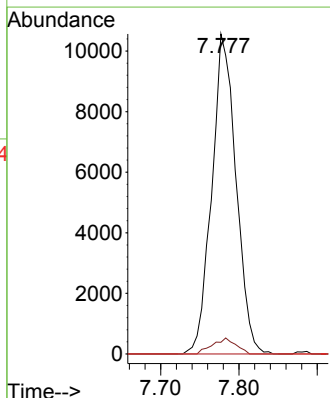
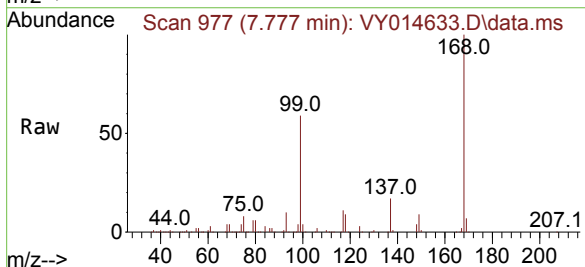
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 MSVOA_Y
 ClientSampleId :
 NB-8-071223

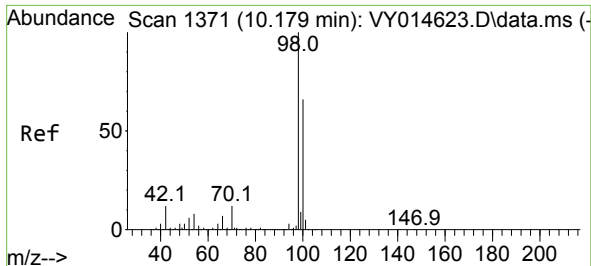
Tgt Ion: 75 Resp: 18190
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.8 53.5#
 77 0.5 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.644 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.122 min
 Lab File: VY014633.D
 Acq: 13 Jul 2023 17:36

Tgt Ion: 117 Resp: 22737
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.4 114.6#
 121 0.0 25.8 38.6#

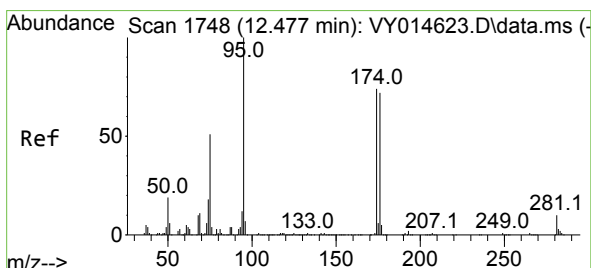
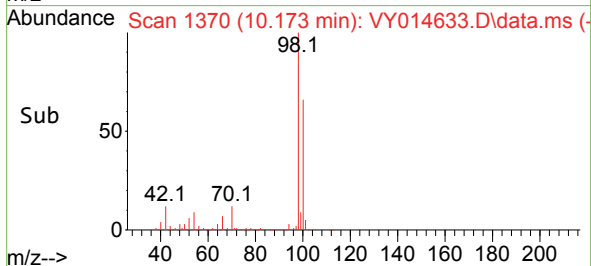
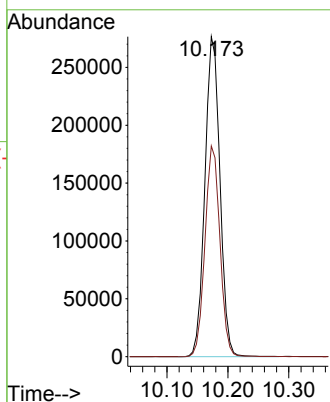
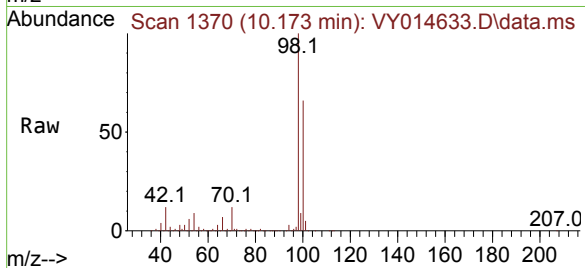




#50
Toluene-d8
Concen: 50.551 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

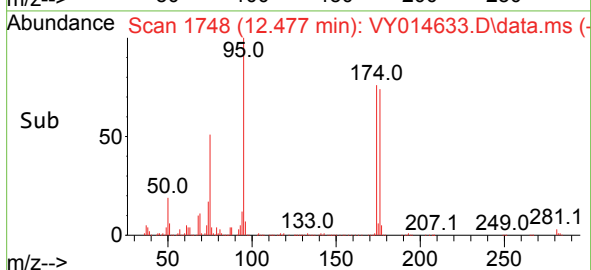
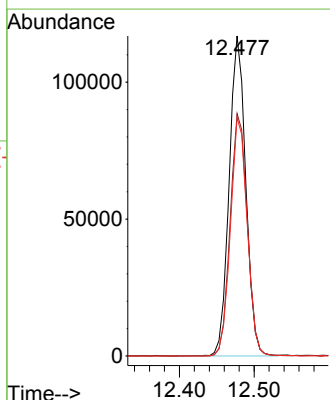
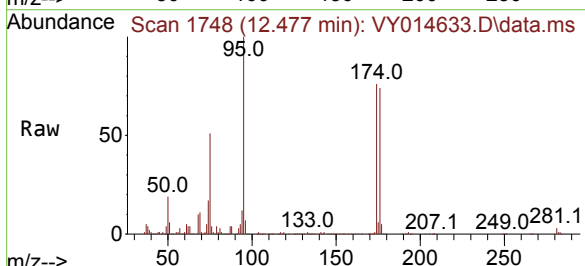
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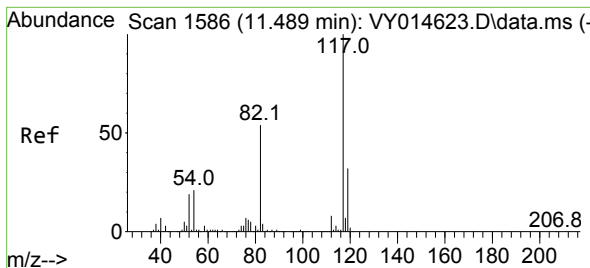
Tgt Ion: 98 Resp: 474971
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion: 95 Resp: 180389
Ion Ratio Lower Upper
95 100
174 78.0 0.0 178.2
176 74.9 0.0 173.8

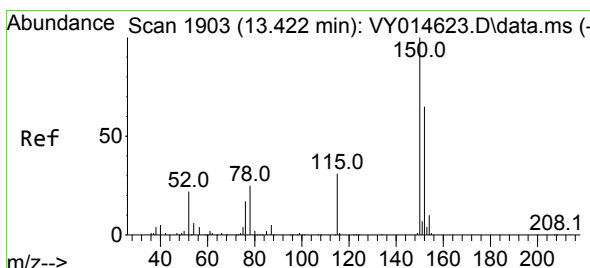
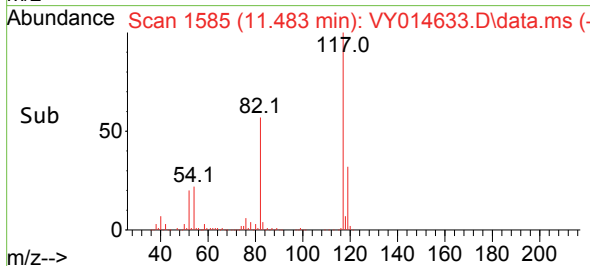
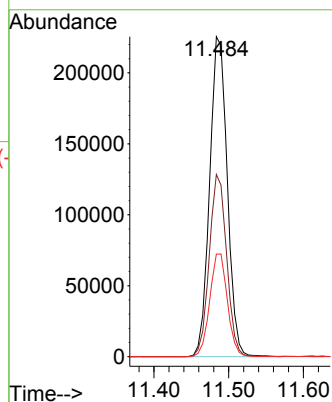
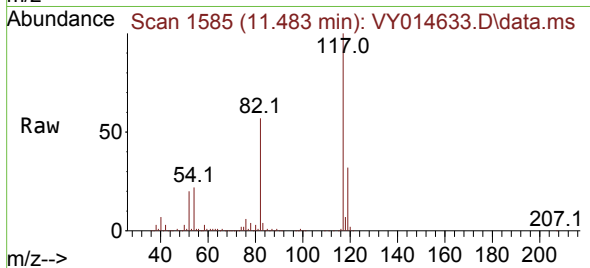




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

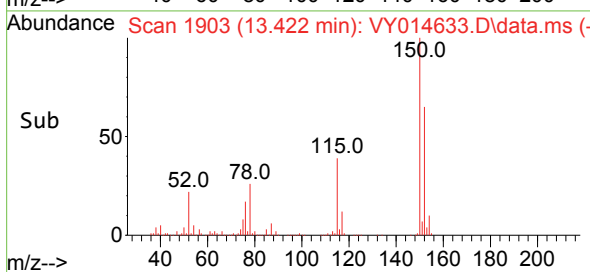
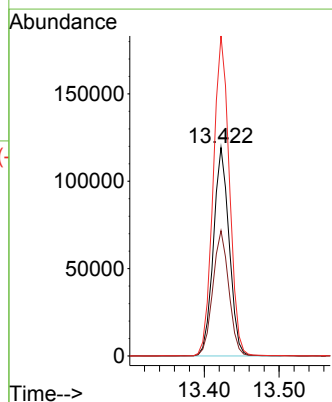
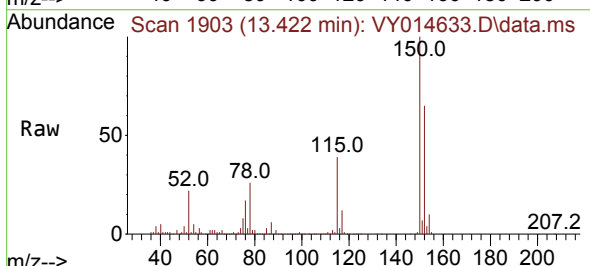
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

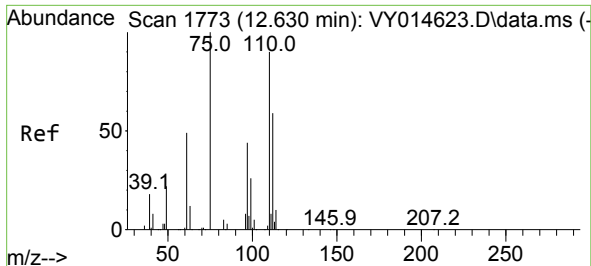
Tgt Ion:117 Resp: 369116
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion:152 Resp: 174465
Ion Ratio Lower Upper
152 100
115 61.3 28.8 86.5
150 158.0 0.0 348.8

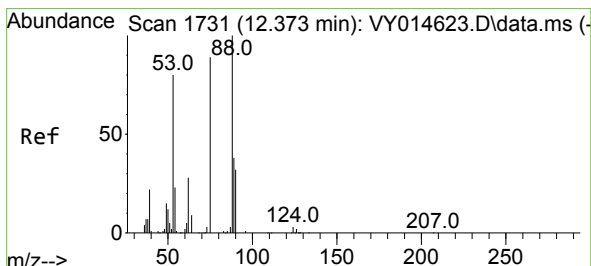
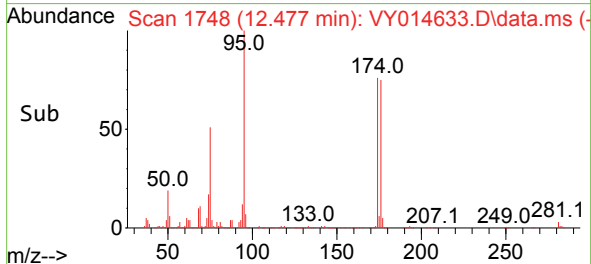
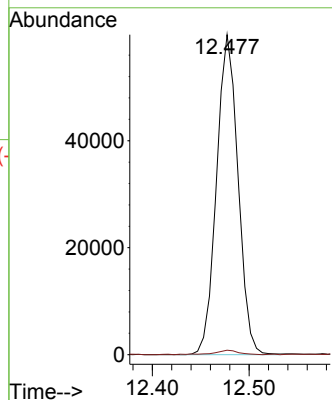
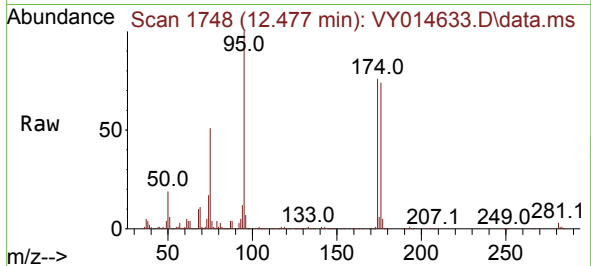




#76
1,2,3-Trichloropropane
Concen: 41.863 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

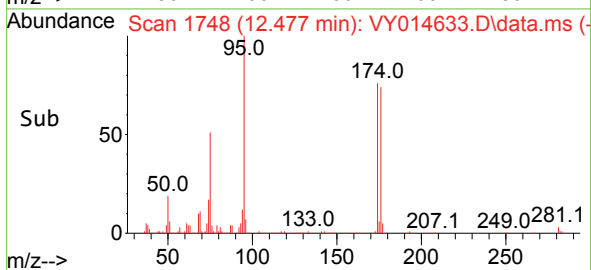
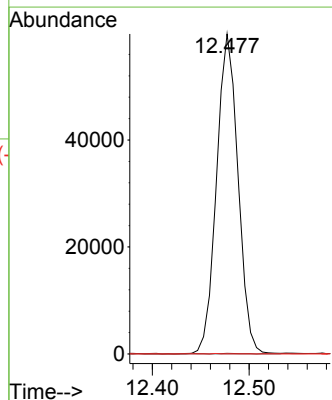
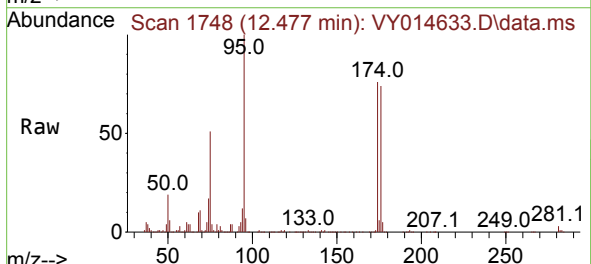
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-071223

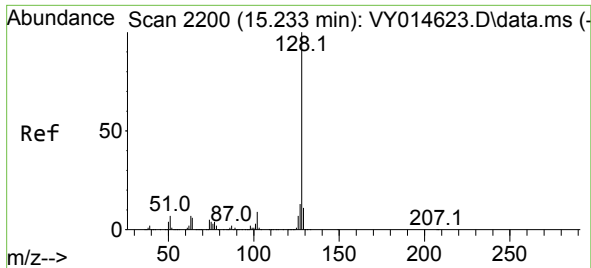
Tgt Ion: 75 Resp: 92243
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.054 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014633.D
Acq: 13 Jul 2023 17:36

Tgt Ion: 75 Resp: 92243
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 1.118 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY014633.D

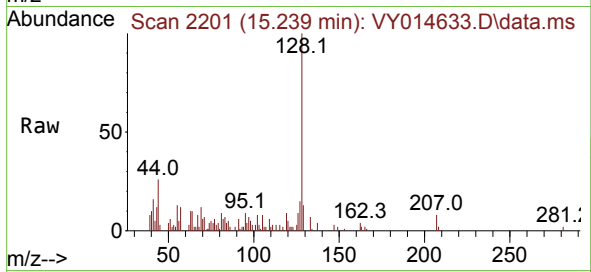
Acq: 13 Jul 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-071223



Tgt Ion:	128	Resp:	9190
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.8	16.2
129	13.4	8.6	13.0

