

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017179.D
 Acq On : 02 Feb 2024 12:55
 Operator : SY/MD
 Sample : P1317-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-013124

Quant Time: Feb 02 22:29:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

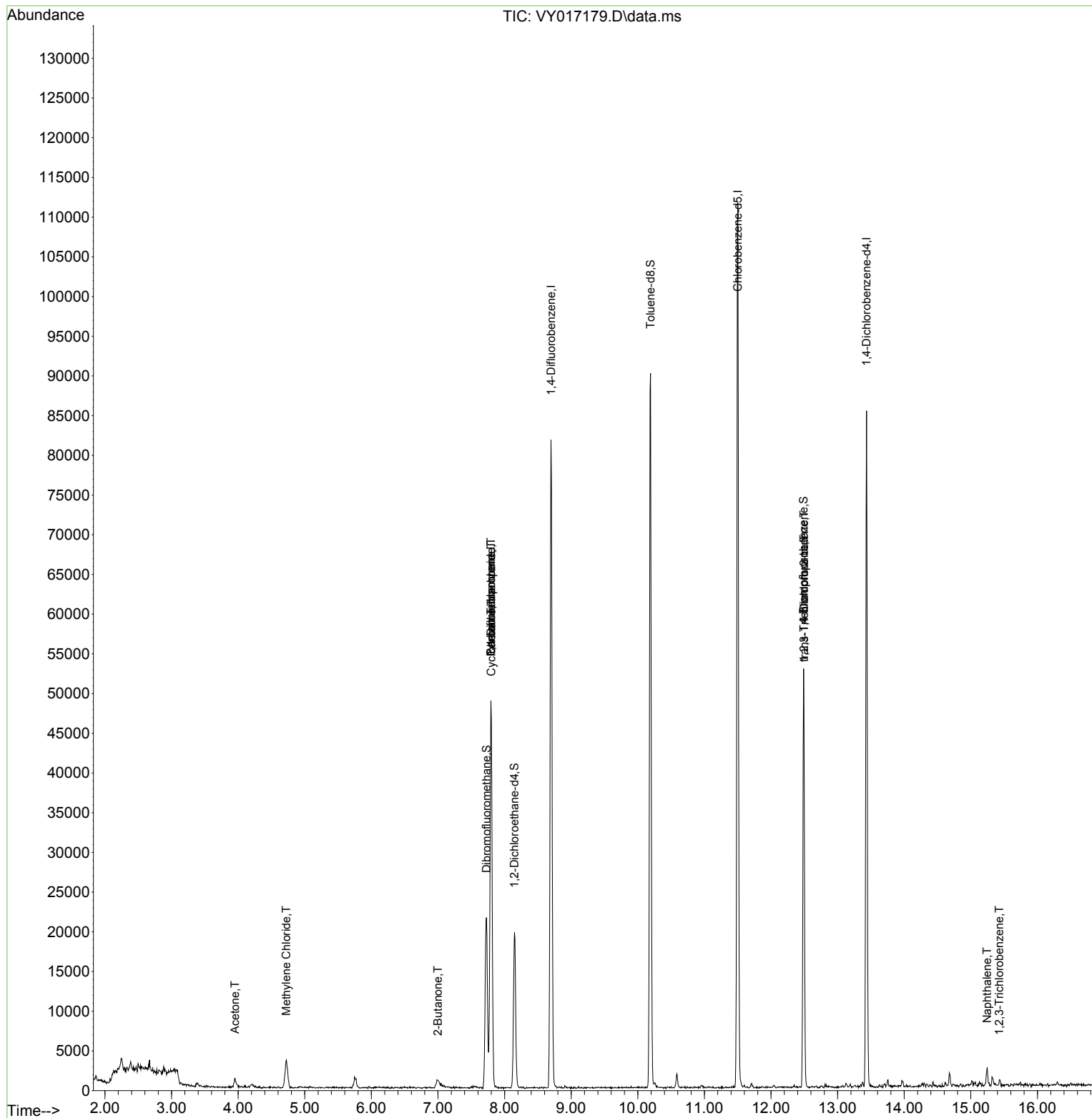
Internal Standards						
1) Pentafluorobenzene	7.795	168	37025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	70133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	61615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15393	46.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.080%		
35) Dibromofluoromethane	7.728	113	15676	41.397	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.800%		
50) Toluene-d8	10.191	98	60085	43.580	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.160%		
62) 4-Bromofluorobenzene	12.489	95	16458	36.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	72.880%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	59	Below Cal	#	75
13) Acrolein	3.723	56	20	Below Cal	#	15
16) Acetone	3.954	43	1758	18.084	ug/l	94
20) Methylene Chloride	4.722	84	2387	2.680	ug/l	95
25) 2-Butanone	6.996	43	240	1.857	ug/l #	48
31) Cyclohexane	7.801	56	927	1.390	ug/l #	53
36) 1,1-Dichloropropene	7.795	75	3149	4.821	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3684	5.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	8776	45.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	8776	94.436	ug/l #	12
95) Naphthalene	15.245	128	2222	7.162	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	279	1.141	ug/l #	78

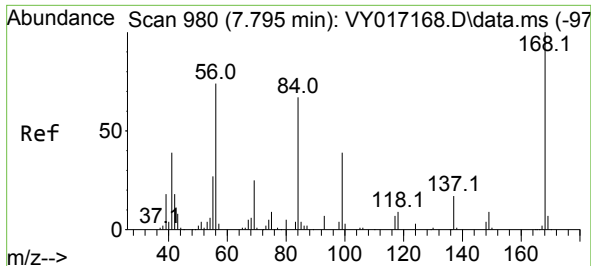
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017179.D
Acq On : 02 Feb 2024 12:55
Operator : SY/MD
Sample : P1317-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

Quant Time: Feb 02 22:29:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

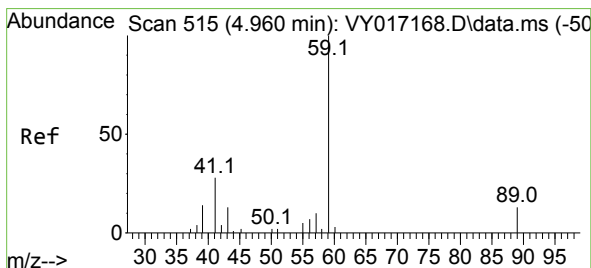
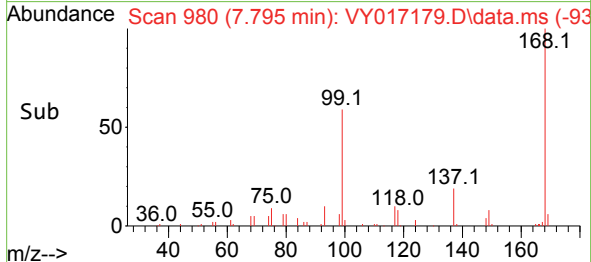
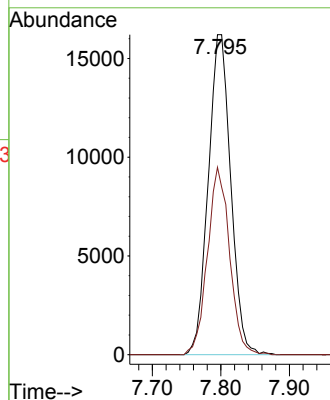
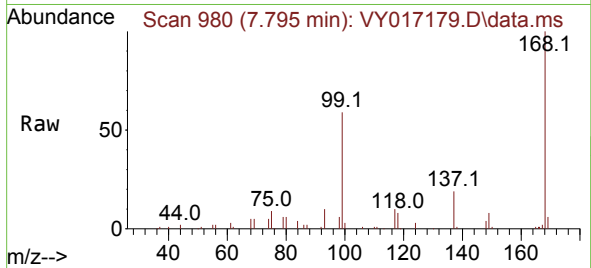




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

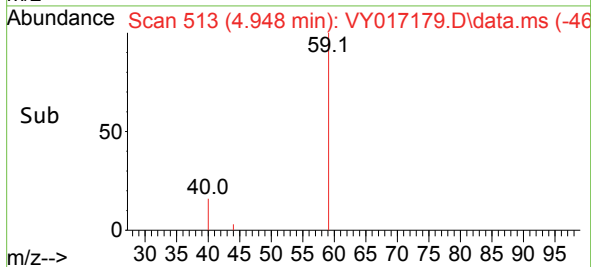
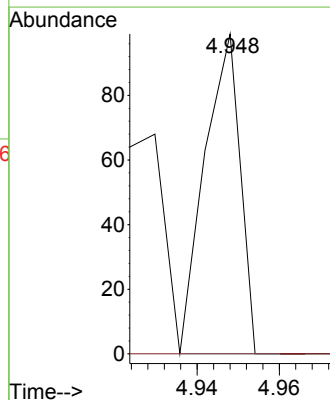
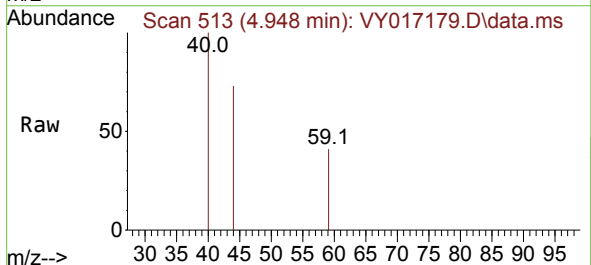
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

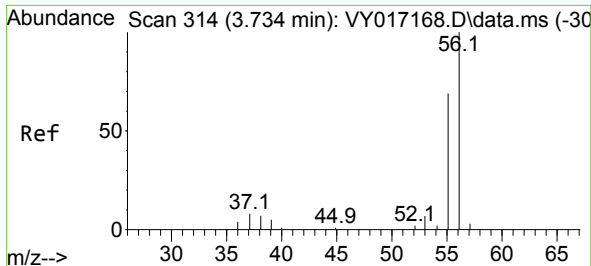
Tgt Ion:168 Resp: 37025
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

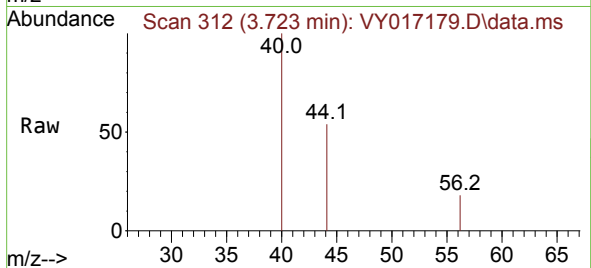
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



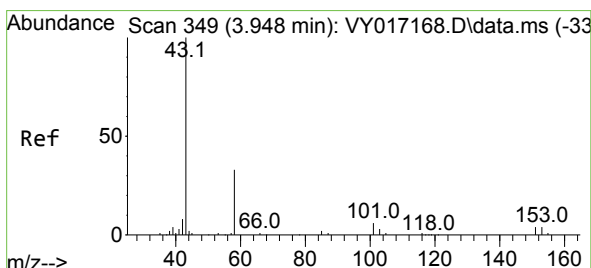
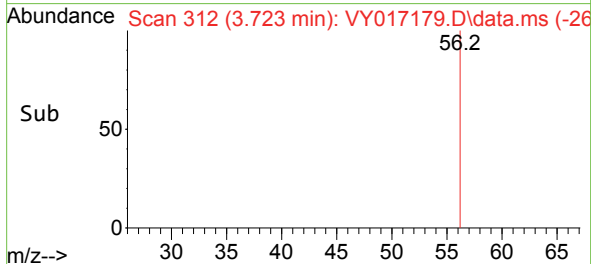
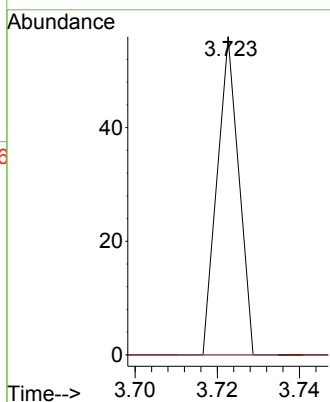


#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 314
Delta R.T. -0.011 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

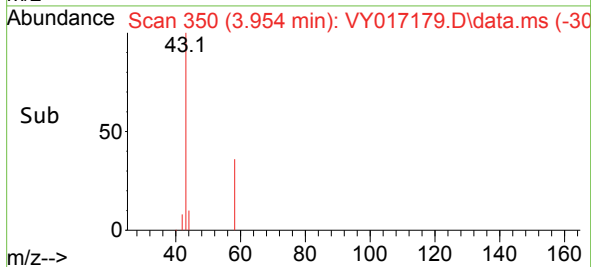
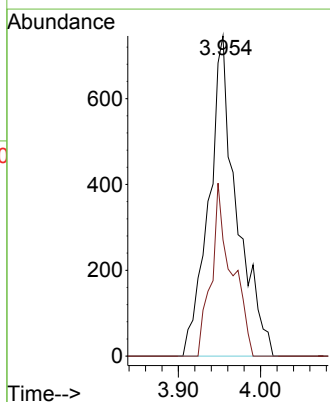
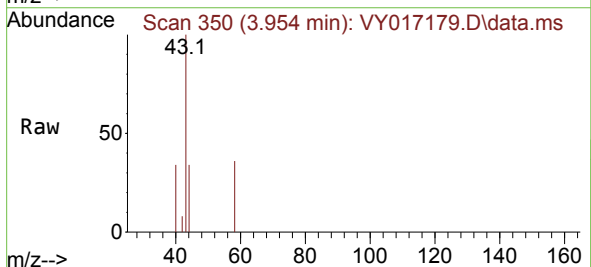


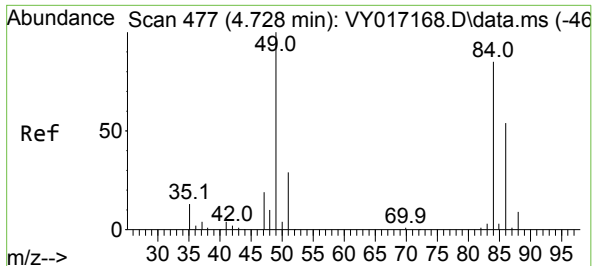
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.0#



#16
Acetone
Concen: 18.084 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 36.3 26.6 39.8





#20

Methylene Chloride

Concen: 2.680 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017179.D

Acq: 02 Feb 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-013124

Tgt Ion: 84 Resp: 2387

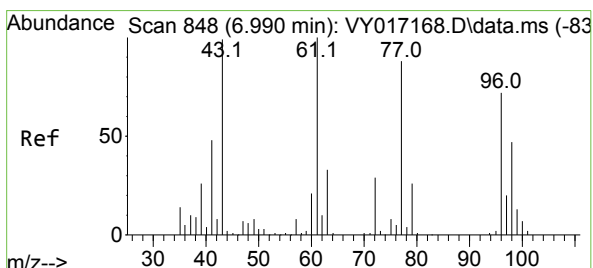
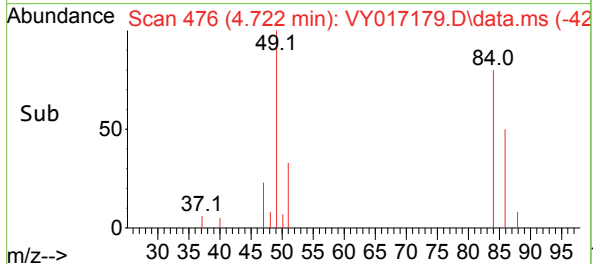
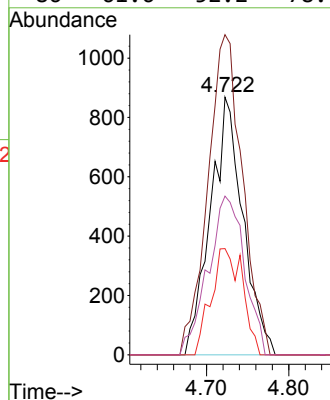
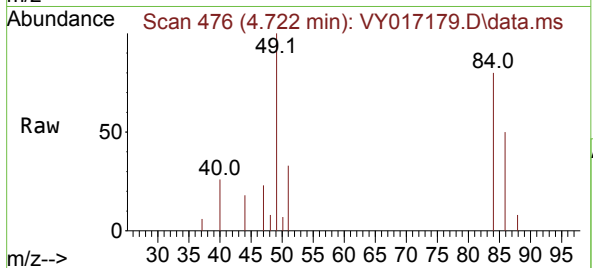
Ion Ratio Lower Upper

84 100

49 124.3 95.2 142.8

51 41.2 29.9 44.9

86 61.6 52.2 78.4



#25

2-Butanone

Concen: 1.857 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017179.D

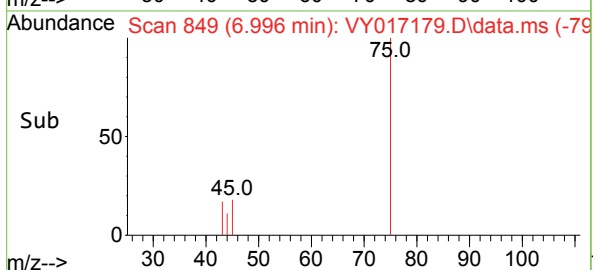
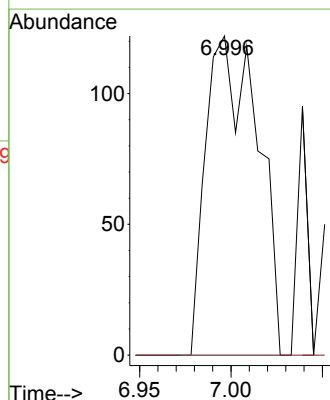
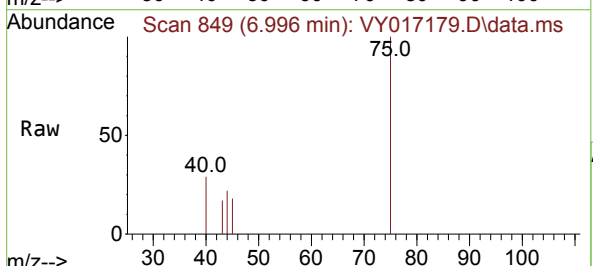
Acq: 02 Feb 2024 12:55

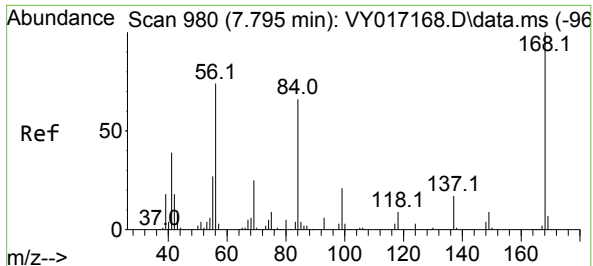
Tgt Ion: 43 Resp: 240

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

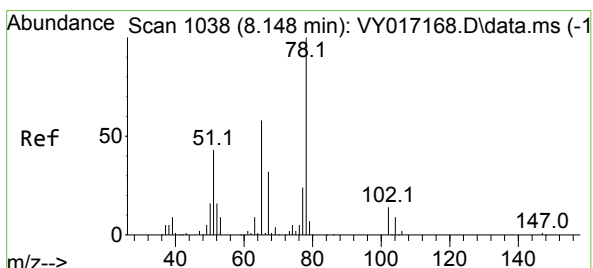
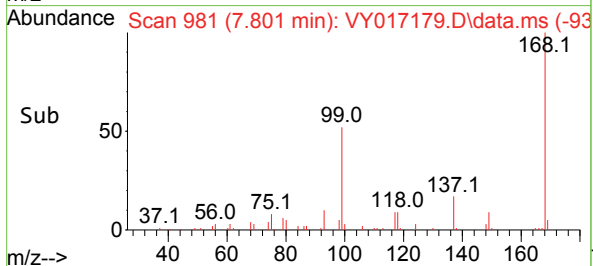
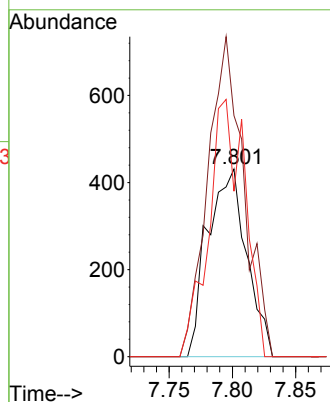
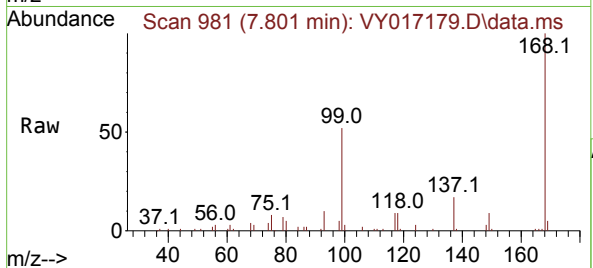




#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

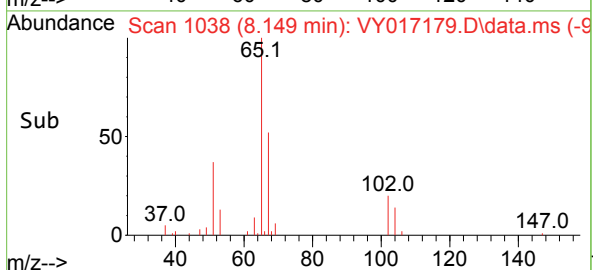
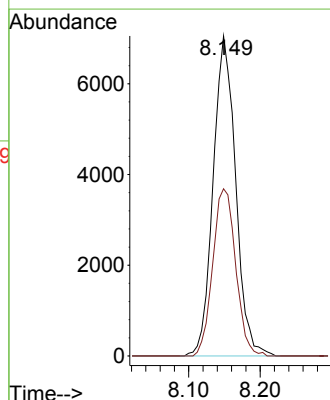
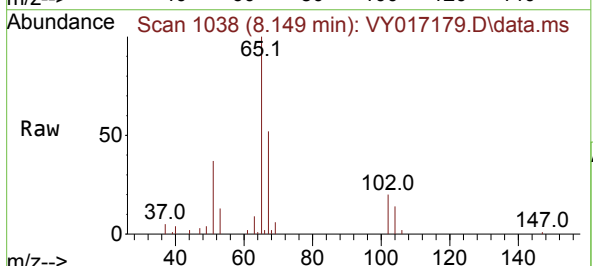
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

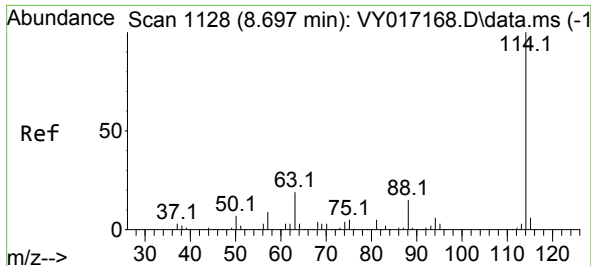
Tgt Ion: 56 Resp: 927
Ion Ratio Lower Upper
56 100
69 128.5 27.0 40.6#
84 88.2 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion: 65 Resp: 15393
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0

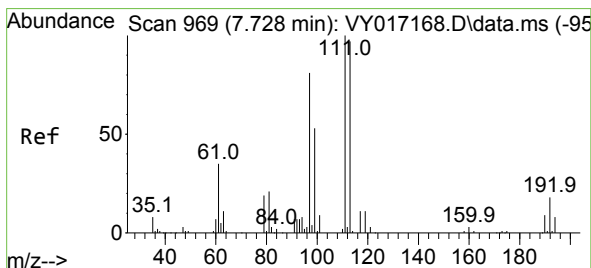
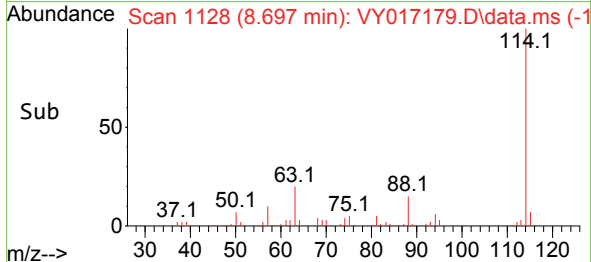
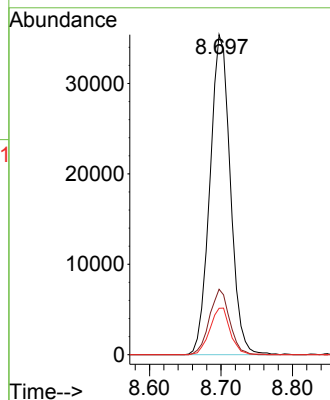
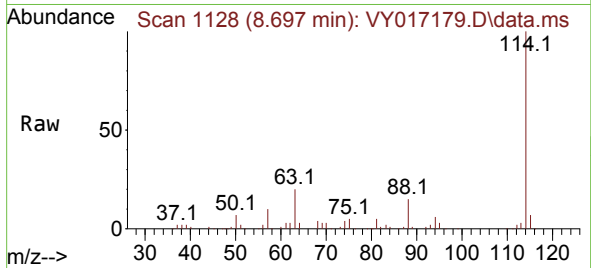




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

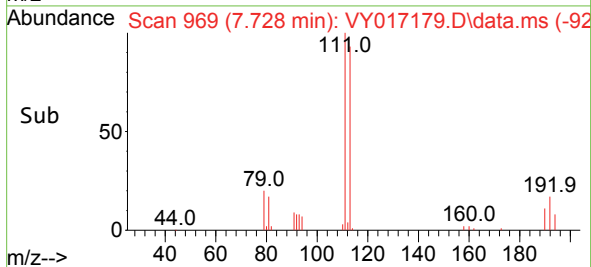
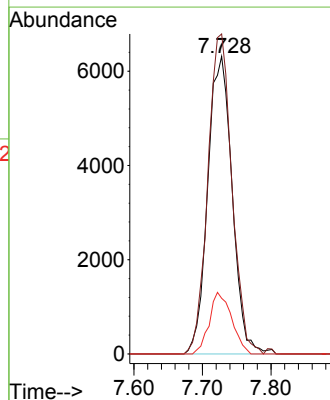
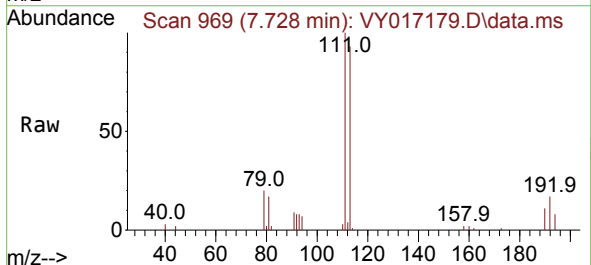
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

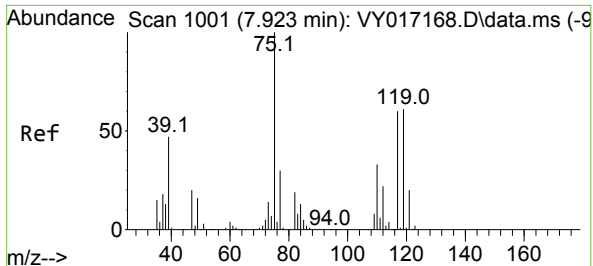
Tgt Ion:114 Resp: 70133
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 41.397 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion:113 Resp: 15676
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.6
192 18.9 14.5 21.7

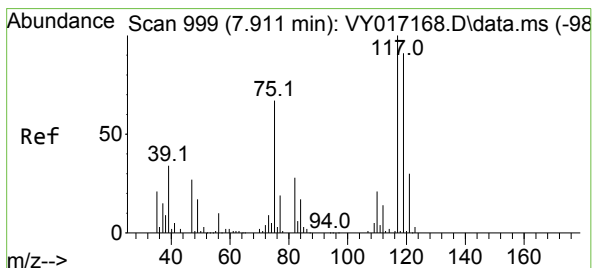
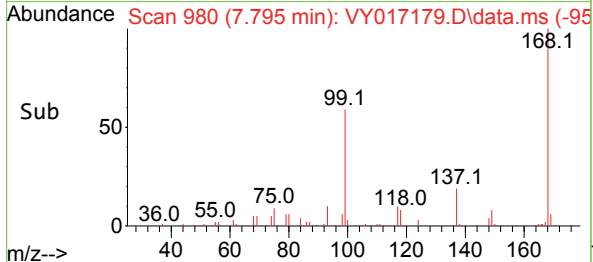
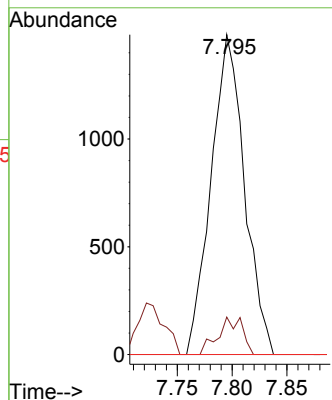
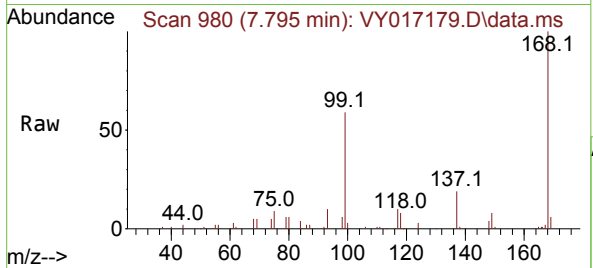




#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017179.D
 Acq: 02 Feb 2024 12:55

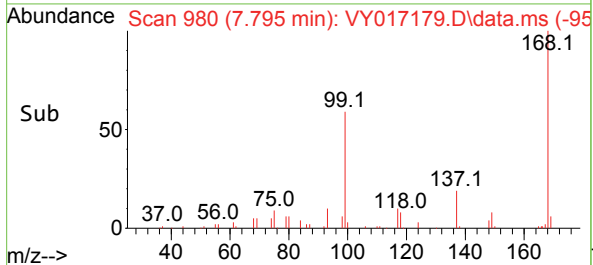
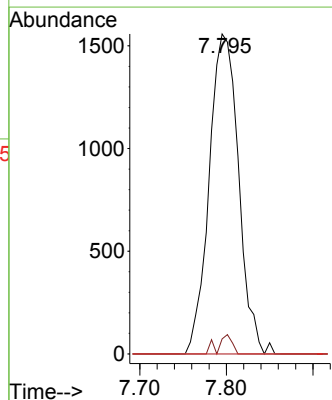
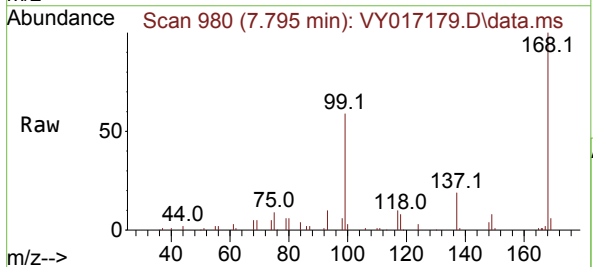
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-013124

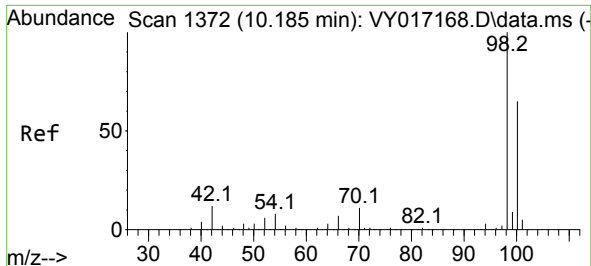
Tgt Ion: 75 Resp: 3149
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.891 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.115 min
 Lab File: VY017179.D
 Acq: 02 Feb 2024 12:55

Tgt Ion: 117 Resp: 3684
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.0 114.0#
 121 0.0 24.2 36.2#

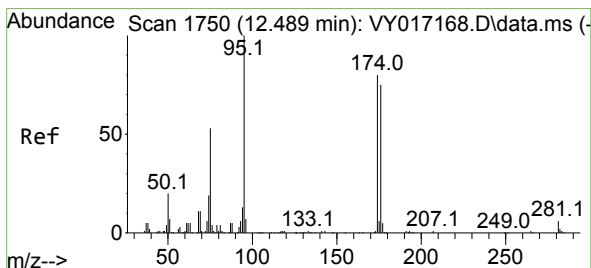
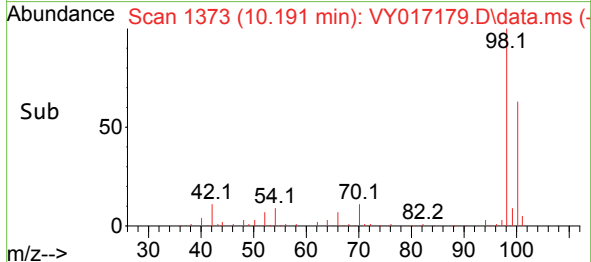
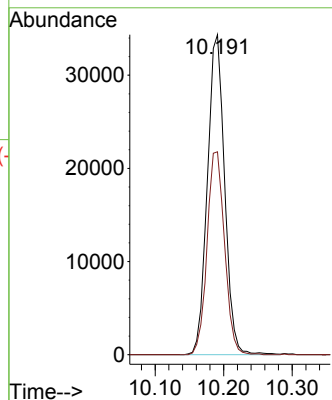
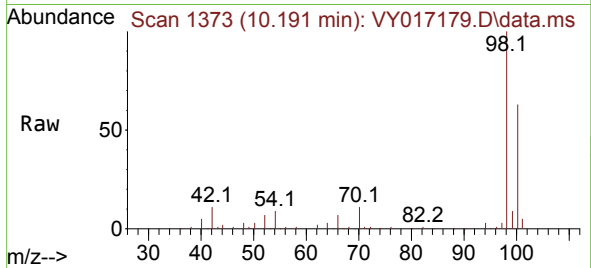




#50
Toluene-d8
Concen: 43.580 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

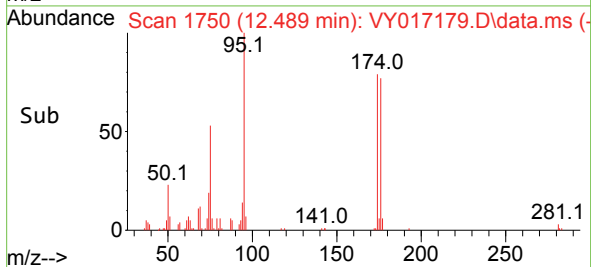
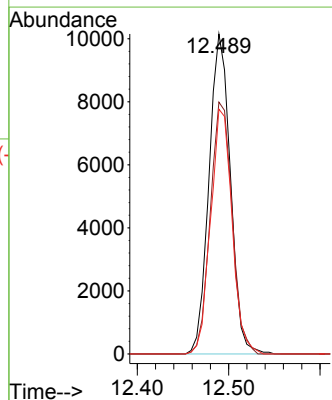
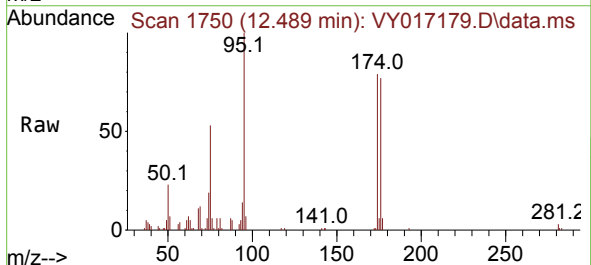
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

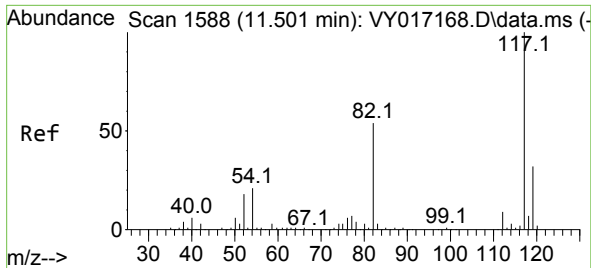
Tgt Ion: 98 Resp: 60085
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.440 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion: 95 Resp: 16458
Ion Ratio Lower Upper
95 100
174 80.7 0.0 160.0
176 76.9 0.0 151.8

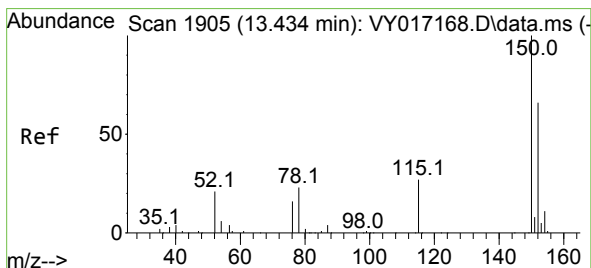
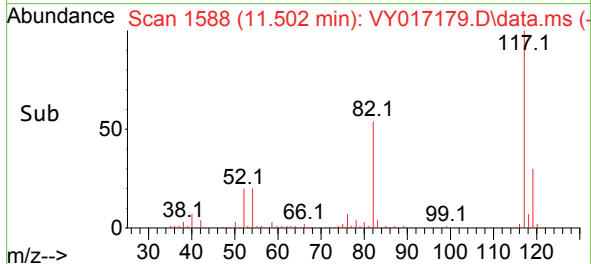
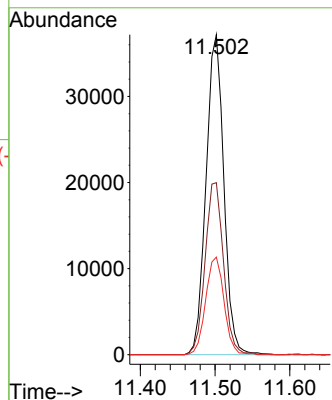
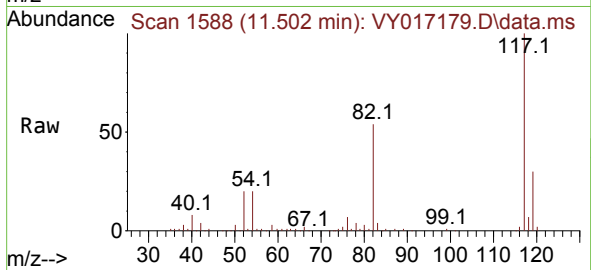




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

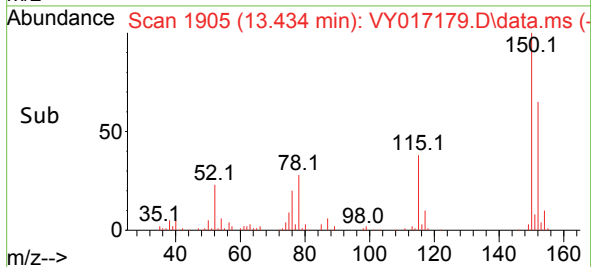
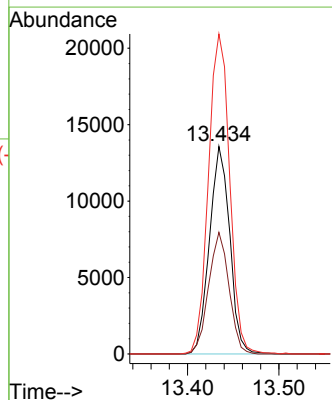
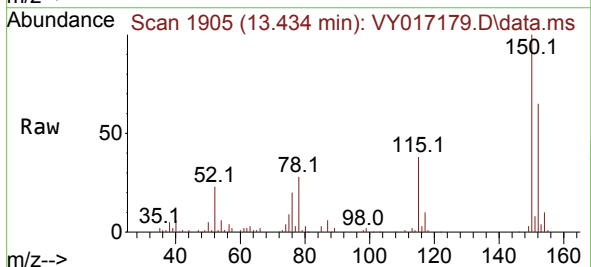
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

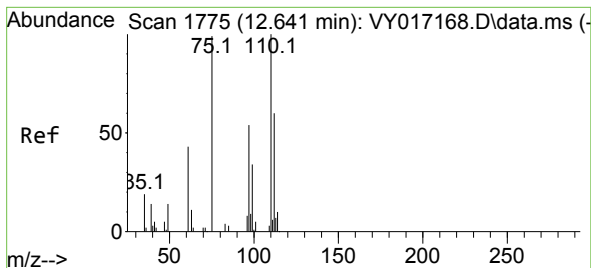
Tgt Ion:117 Resp: 61615
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion:152 Resp: 20921
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 161.2 0.0 344.6

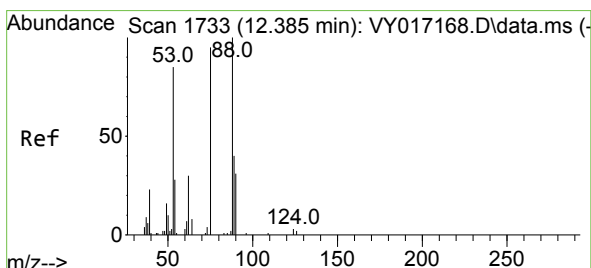
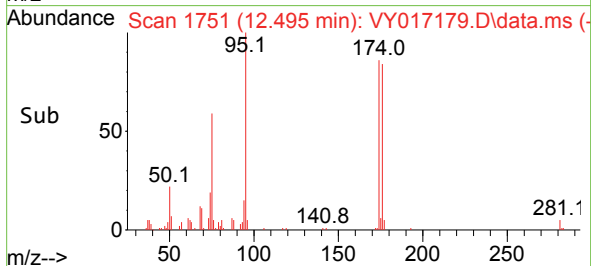
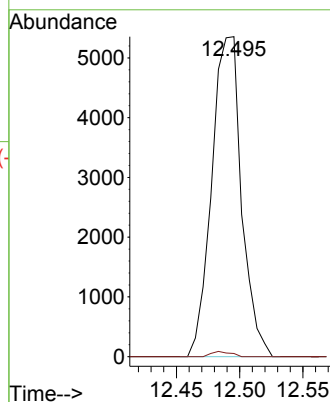
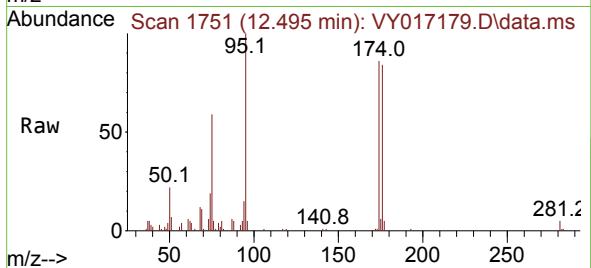




#76
1,2,3-Trichloropropane
Concen: 45.449 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

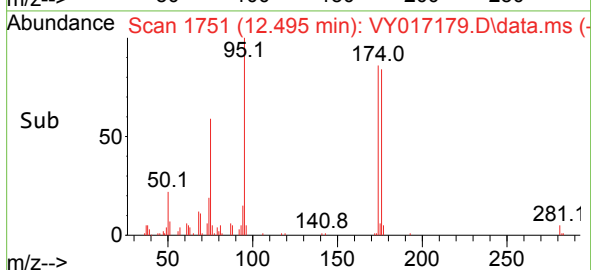
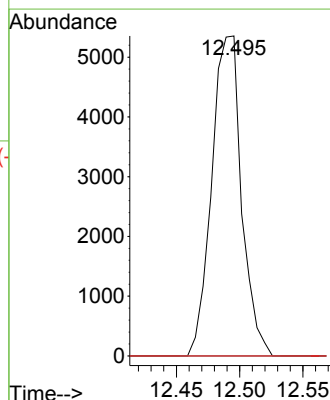
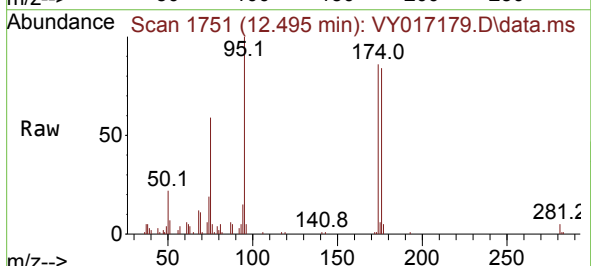
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

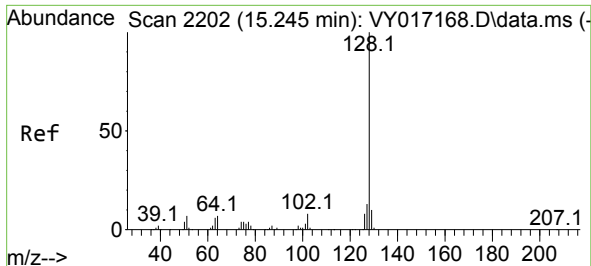
Tgt Ion: 75 Resp: 8776
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.436 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion: 75 Resp: 8776
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

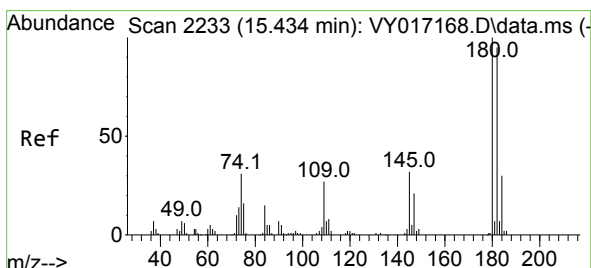
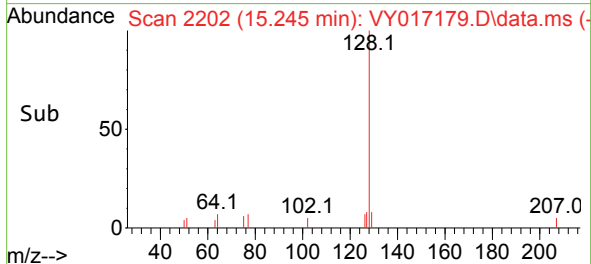
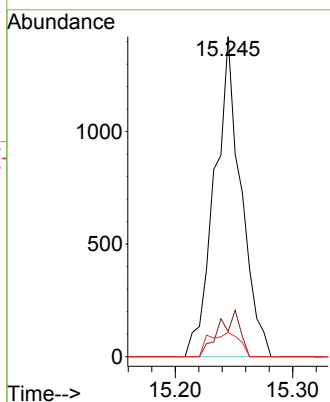
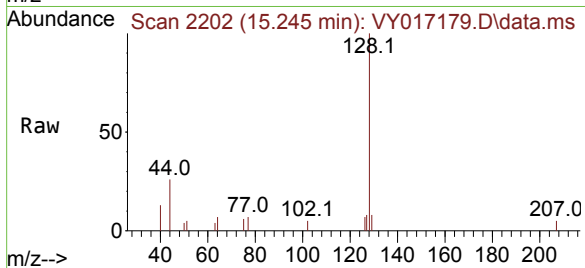




#95
Naphthalene
Concen: 7.162 ug/l
RT: 15.245 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-013124

Tgt Ion:128	Resp:	2222
Ion	Ratio	Lower Upper
128	100	
127	11.5	10.2 15.4
129	8.7	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.141 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY017179.D
Acq: 02 Feb 2024 12:55

Tgt Ion:180	Resp:	279
Ion	Ratio	Lower Upper
180	100	
182	75.6	46.3 138.8
145	52.3	16.1 48.2#

