

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017453.D
 Acq On : 22 Feb 2024 12:59
 Operator : SY/MD
 Sample : VY0222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:28:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

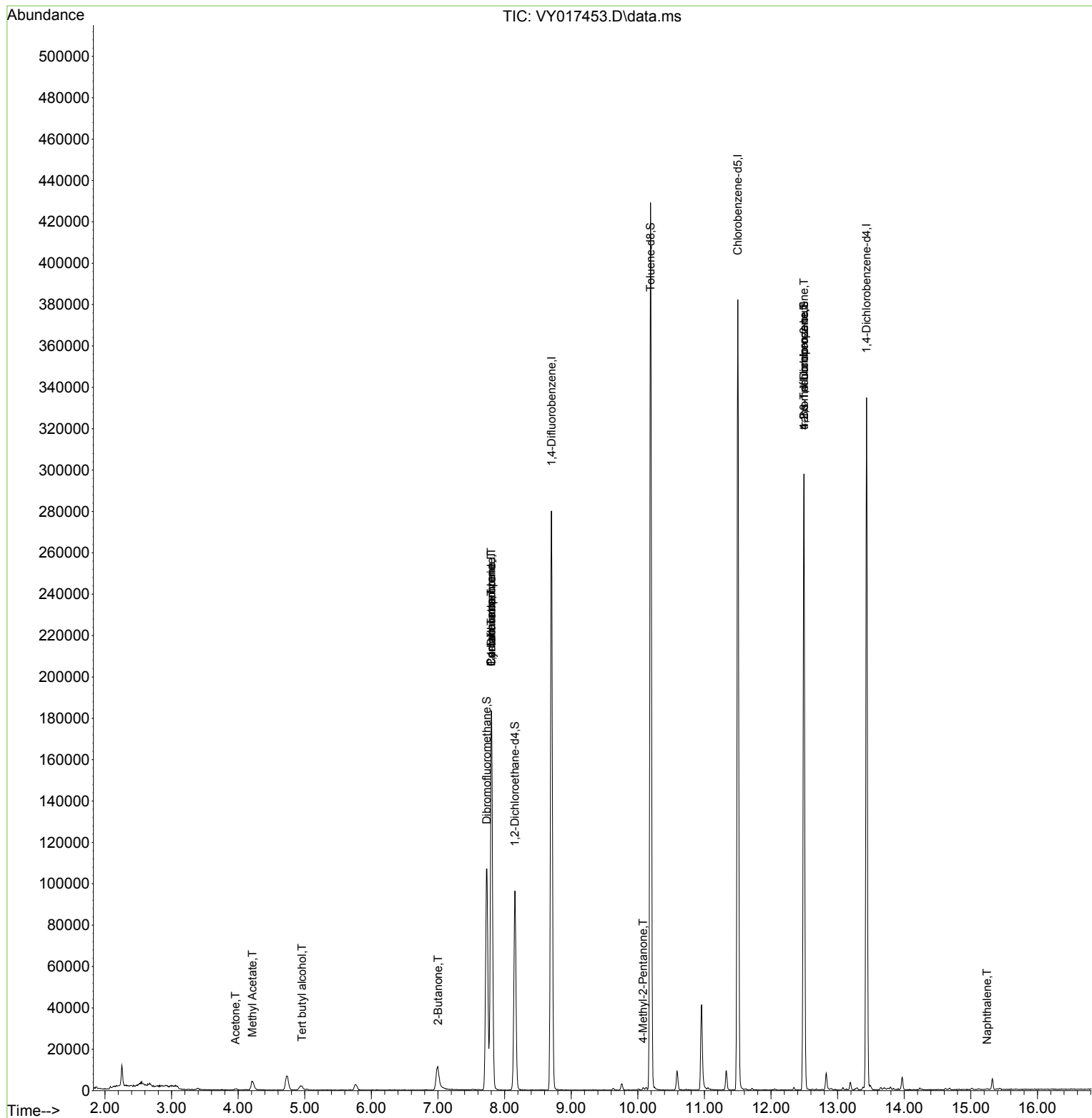
Internal Standards						
1) Pentafluorobenzene	7.801	168	151984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	219357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	70251	54.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.220%	
35) Dibromofluoromethane	7.734	113	79684	53.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.660%	
50) Toluene-d8	10.191	98	289597	49.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.495	95	80535	41.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	614	Below Cal		86
11) Tert butyl alcohol	4.960	59	2263	22.416	ug/l #	88
16) Acetone	3.960	43	1078	3.834	ug/l	89
18) Methyl Acetate	4.216	43	1269	1.990	ug/l #	46
20) Methylene Chloride	4.740	84	5983	Below Cal		92
25) 2-Butanone	7.002	43	731	1.852	ug/l #	41
31) Cyclohexane	7.801	56	2641	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11617	4.655	ug/l #	48
38) Carbon Tetrachloride	7.801	117	13580	5.466	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	901	1.018	ug/l	88
76) 1,2,3-Trichloropropane	12.495	75	40401	46.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	40401	108.880	ug/l #	16
95) Naphthalene	15.245	128	643	3.763	ug/l #	69

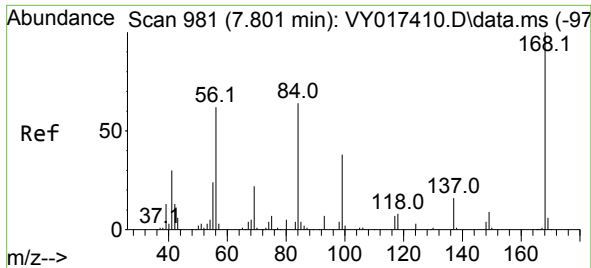
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
Data File : VY017453.D
Acq On : 22 Feb 2024 12:59
Operator : SY/MD
Sample : VY02222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 23 00:28:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

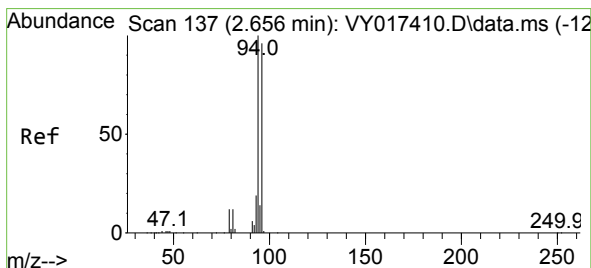
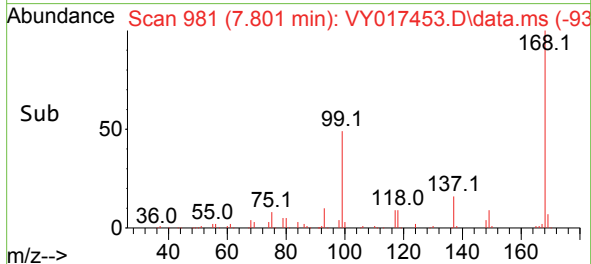
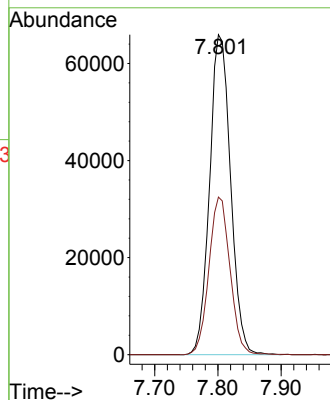
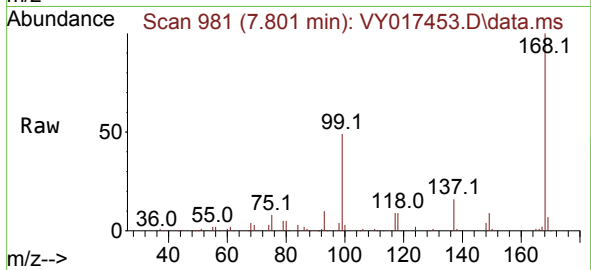




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

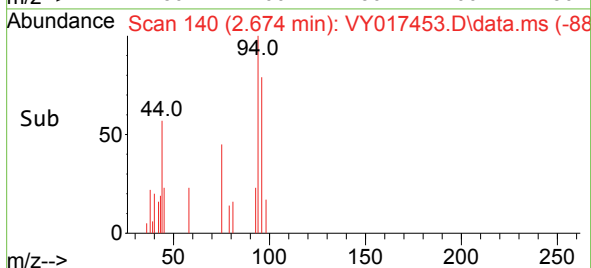
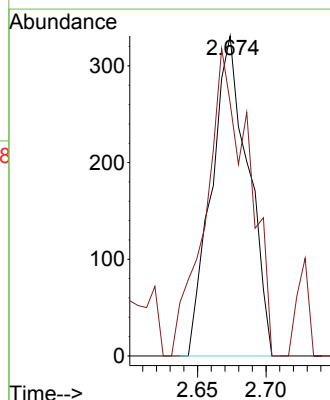
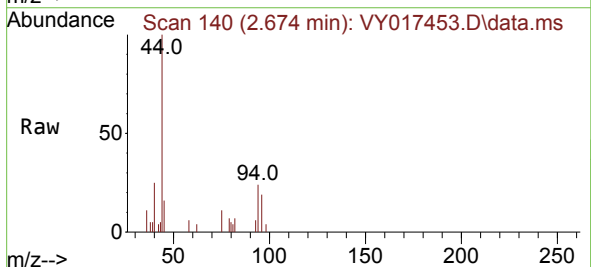
Instrument :
MSVOA_Y
ClientSampleId :

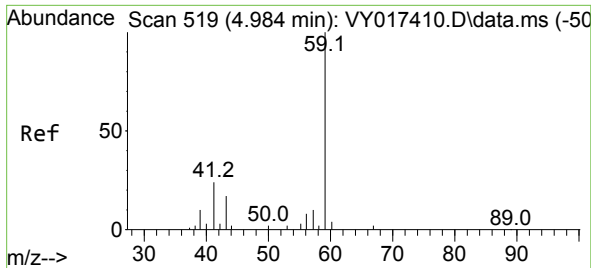
Tgt Ion:168 Resp: 151984
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 79.2 74.1 111.1





#11

Tert butyl alcohol

Concen: 22.416 ug/l

RT: 4.960 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

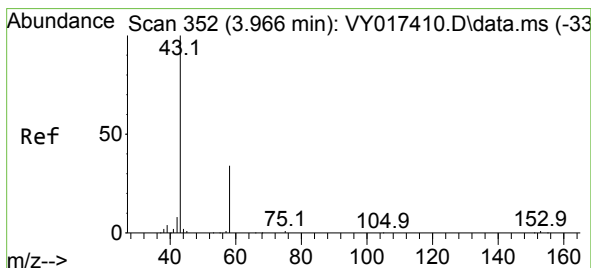
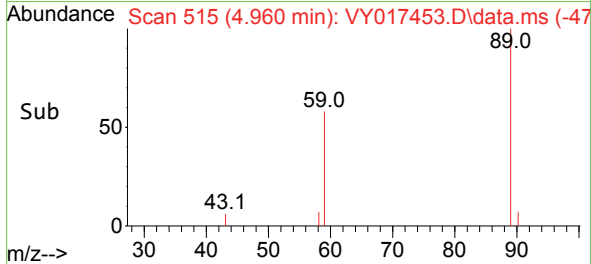
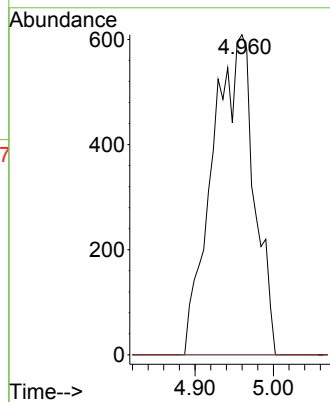
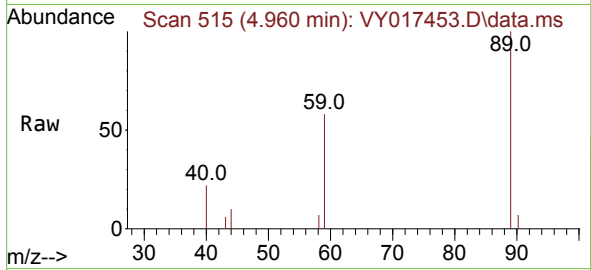
ClientSampleId :

Tgt Ion: 59 Resp: 2263

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 3.834 ug/l

RT: 3.960 min Scan# 351

Delta R.T. -0.006 min

Lab File: VY017453.D

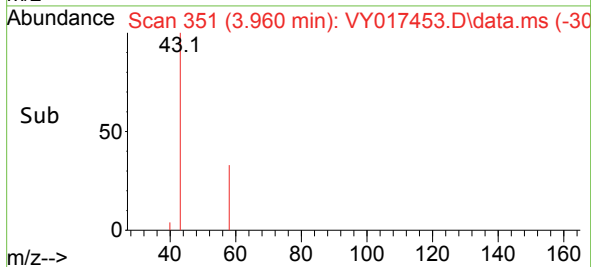
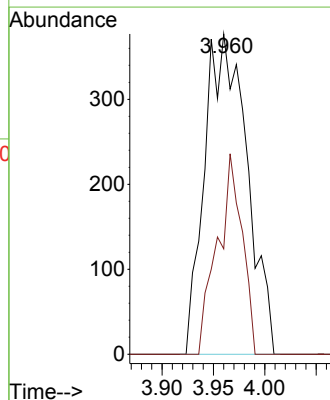
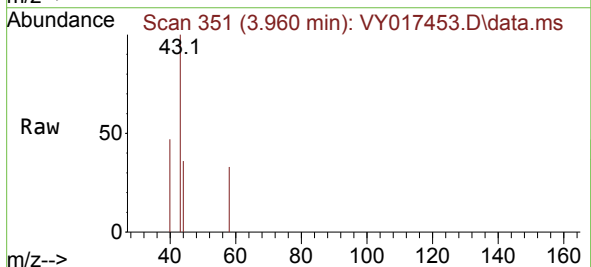
Acq: 22 Feb 2024 12:59

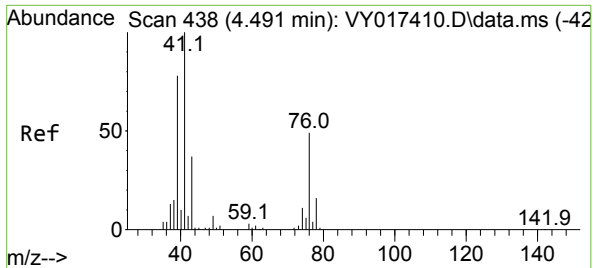
Tgt Ion: 43 Resp: 1078

Ion Ratio Lower Upper

43 100

58 32.9 31.7 47.5

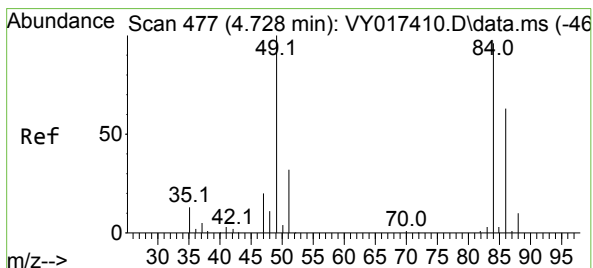
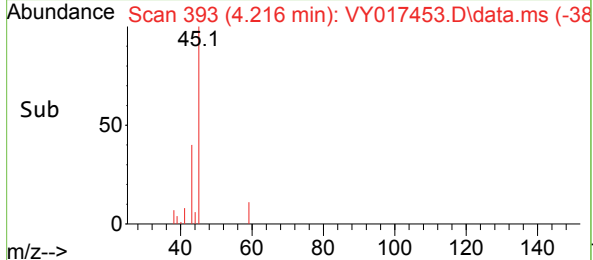
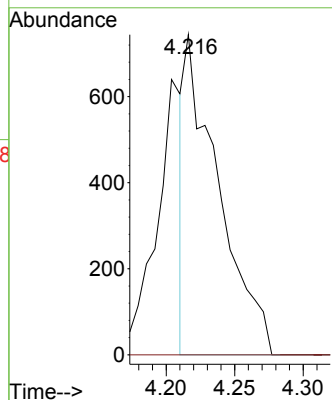
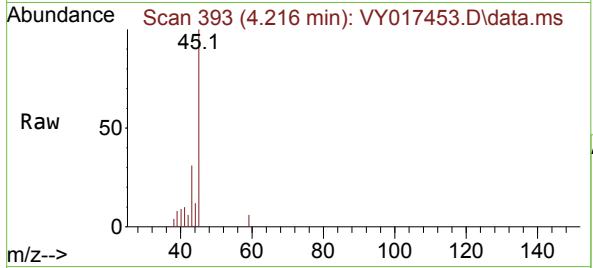




#18
Methyl Acetate
Concen: 1.990 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.275 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

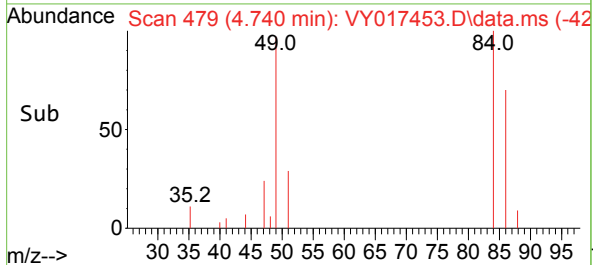
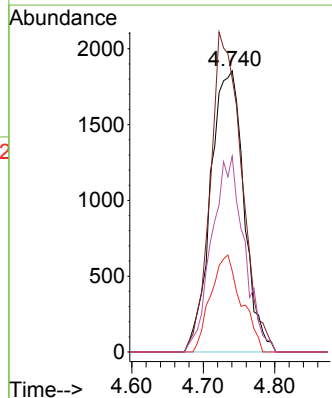
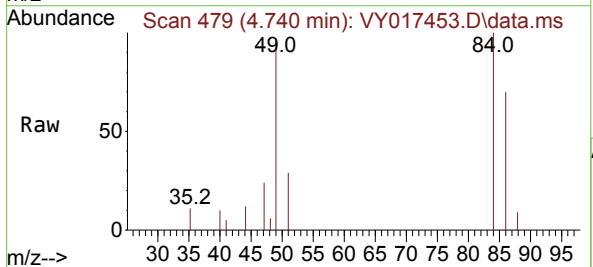
Instrument :
MSVOA_Y
ClientSampleId :

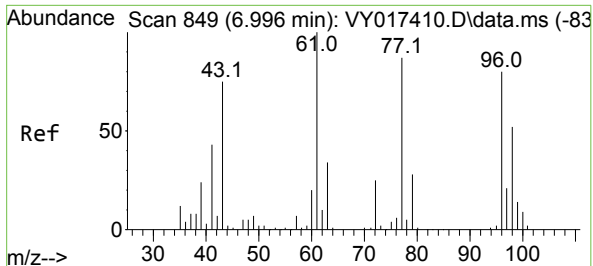
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.740 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 84 Resp: 5983
Ion Ratio Lower Upper
84 100
49 97.3 84.4 126.6
51 28.8 26.0 39.0
86 69.6 49.5 74.3





#25

2-Butanone

Concen: 1.852 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

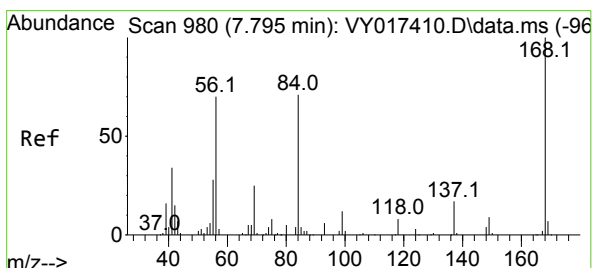
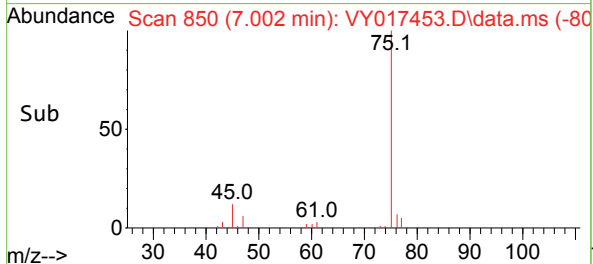
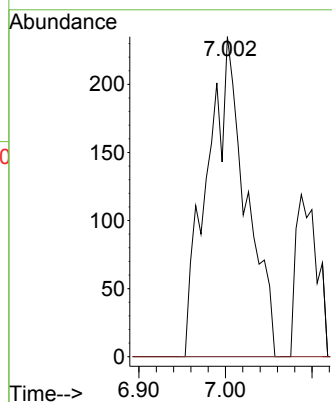
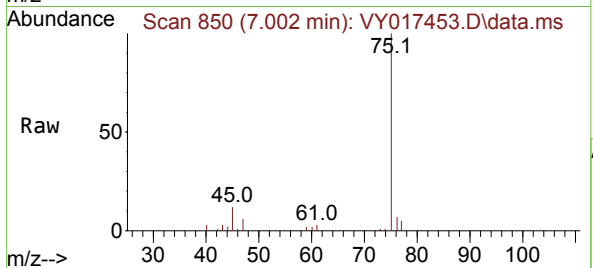
ClientSampleId :

Tgt Ion: 43 Resp: 731

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.027 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

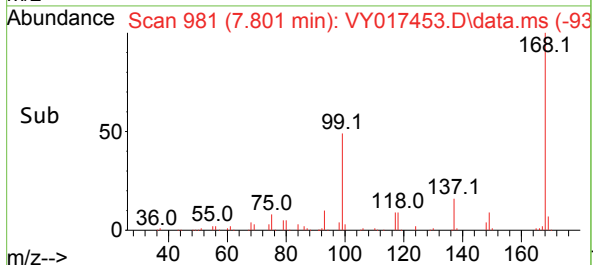
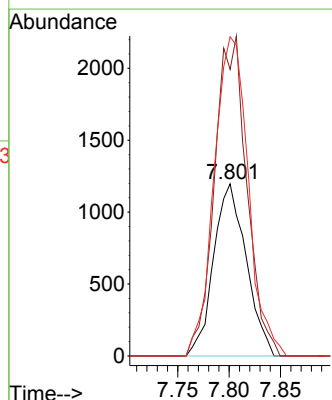
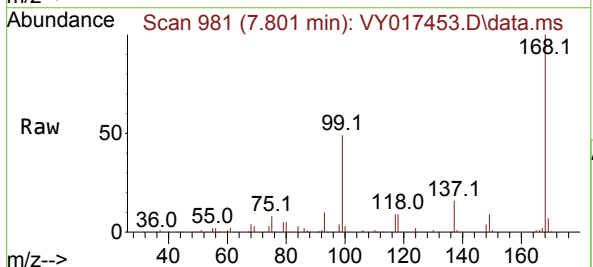
Tgt Ion: 56 Resp: 2641

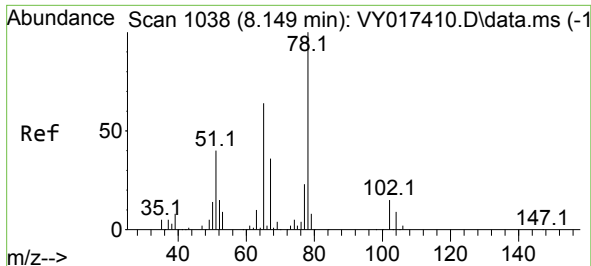
Ion Ratio Lower Upper

56 100

69 166.5 28.7 43.1#

84 185.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.107 ug/l

RT: 8.154 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

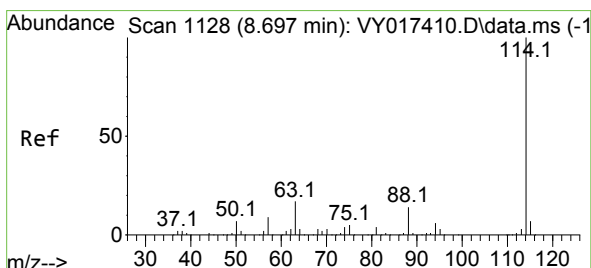
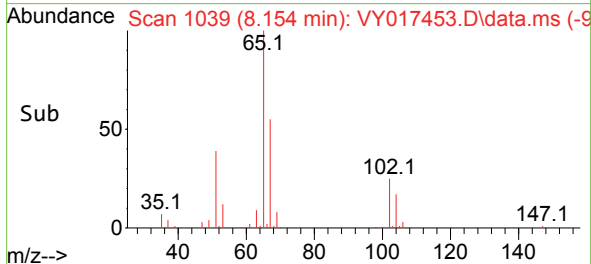
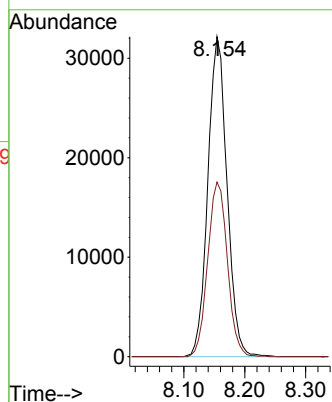
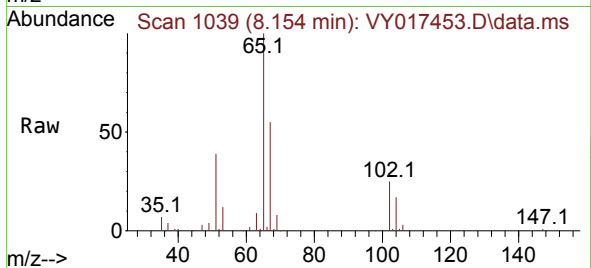
ClientSampleId :

Tgt Ion: 65 Resp: 70251

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

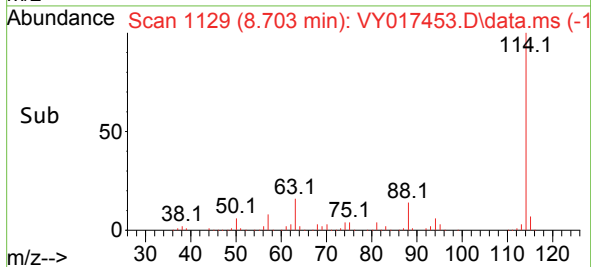
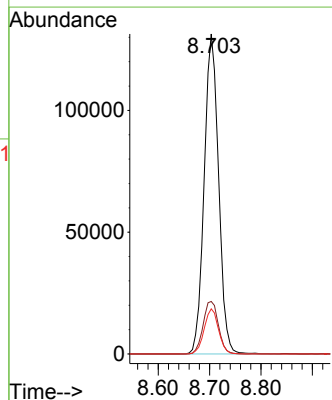
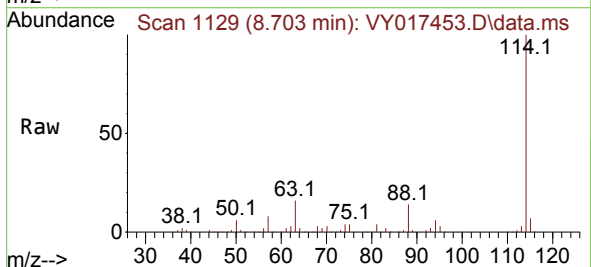
Tgt Ion:114 Resp: 255255

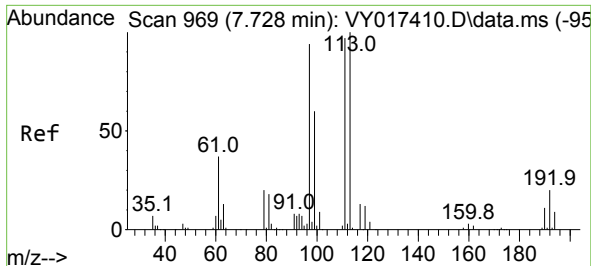
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 14.1 0.0 27.2

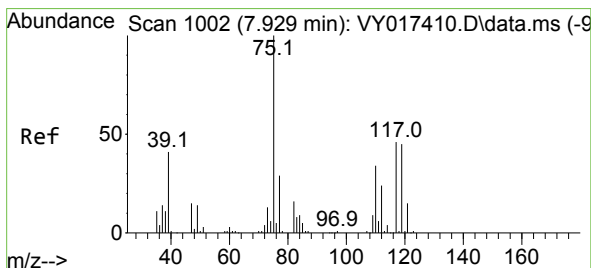
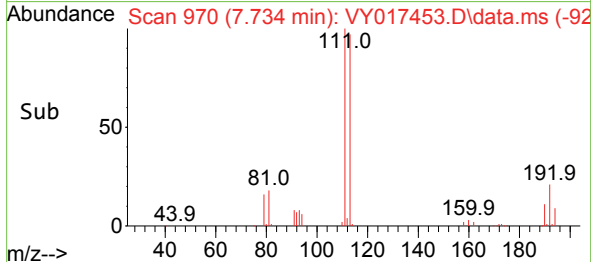
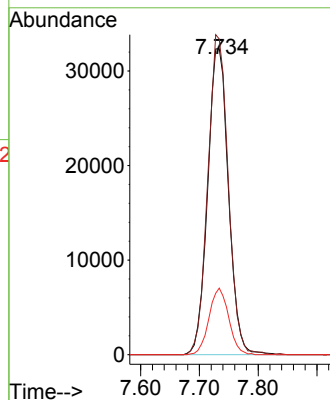
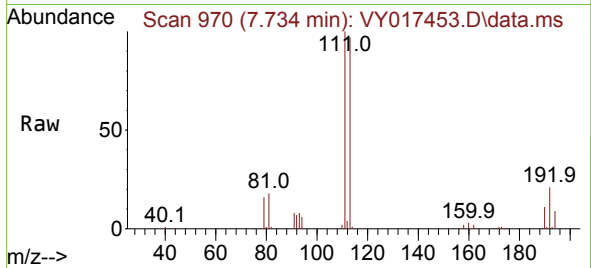




#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

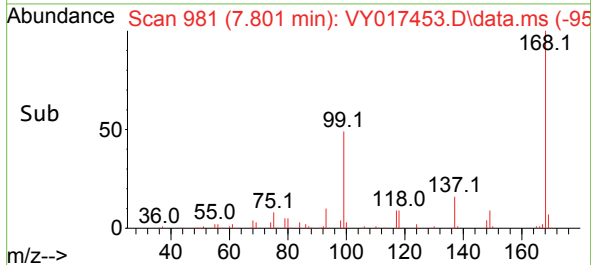
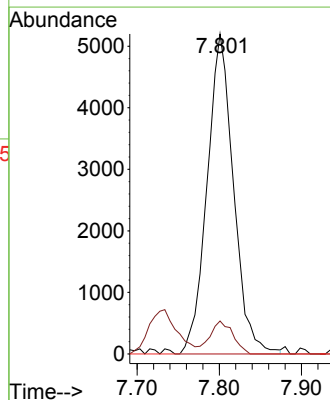
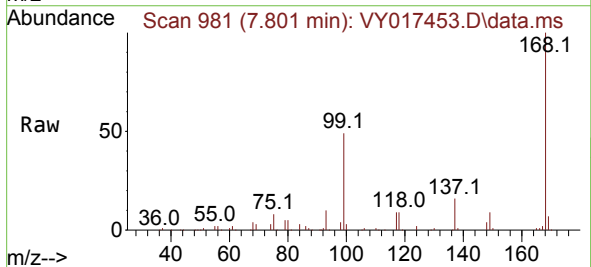
Instrument :
MSVOA_Y
ClientSampleId :

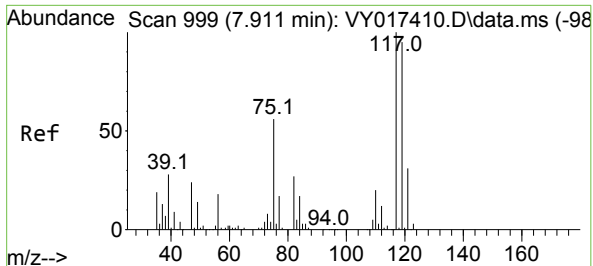
Tgt Ion:113 Resp: 79684
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

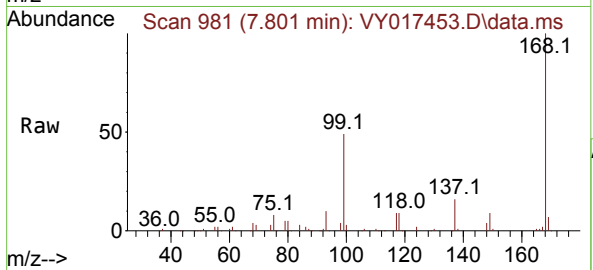
Tgt Ion: 75 Resp: 11617
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



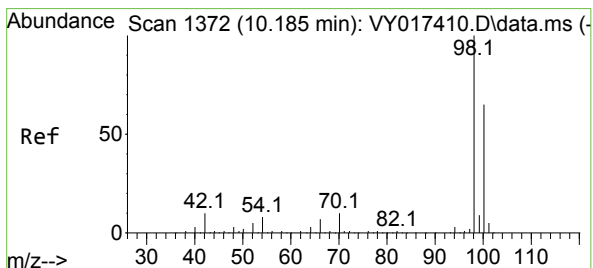
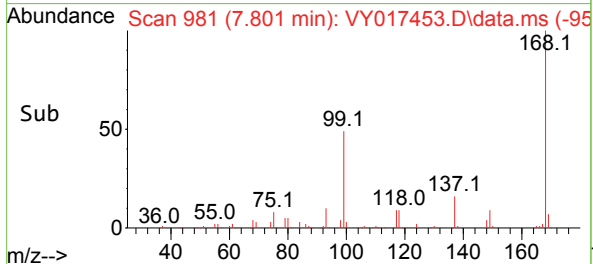
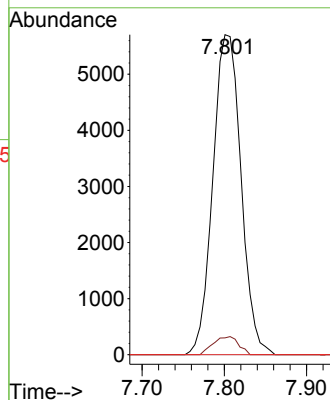


#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

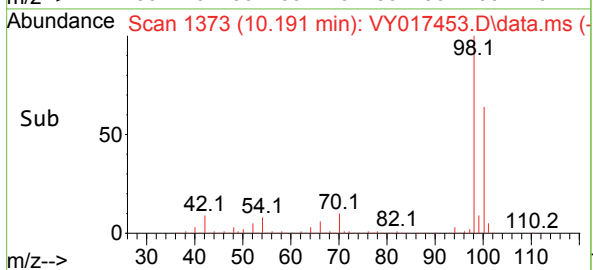
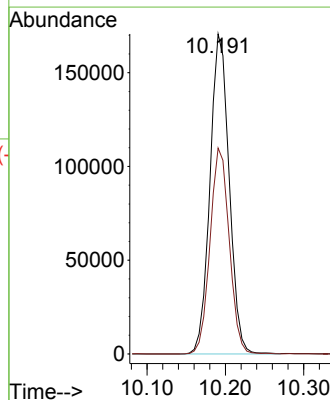
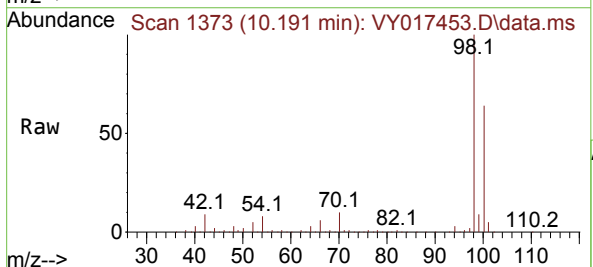


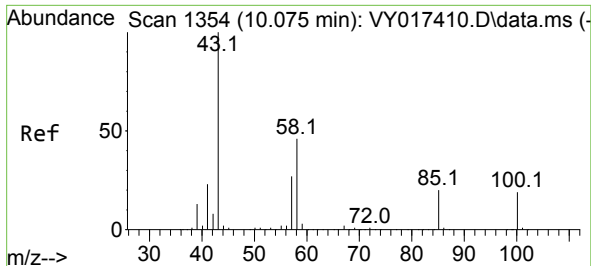
Tgt Ion:117 Resp: 13580
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.974 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 98 Resp: 289597
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

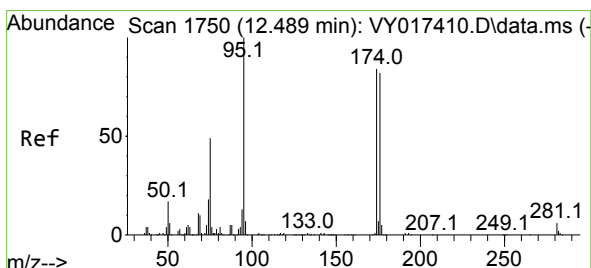
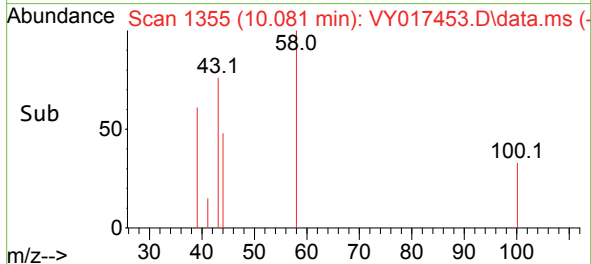
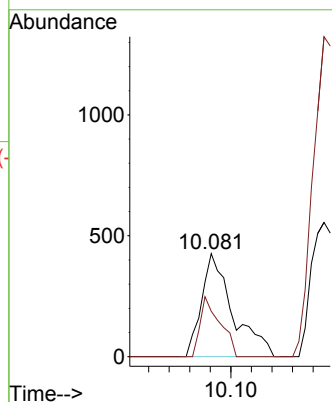
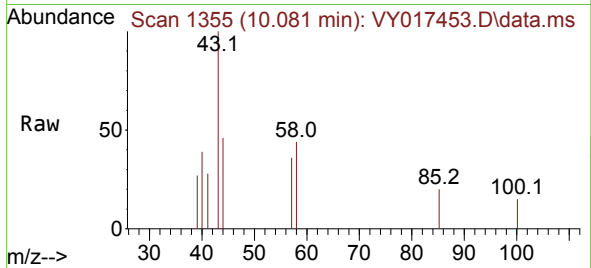




#51
4-Methyl-2-Pentanone
Concen: 1.018 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

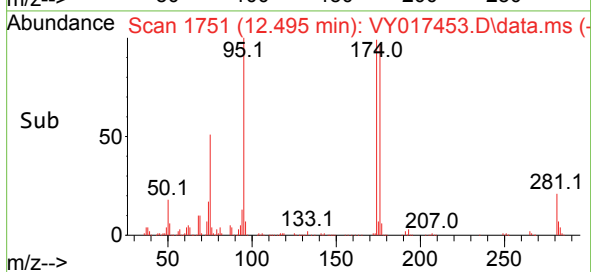
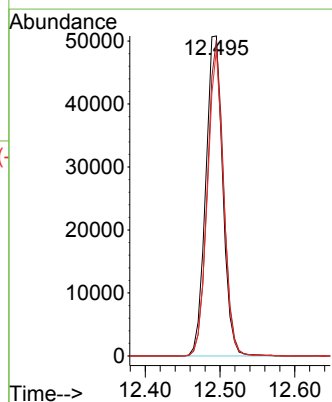
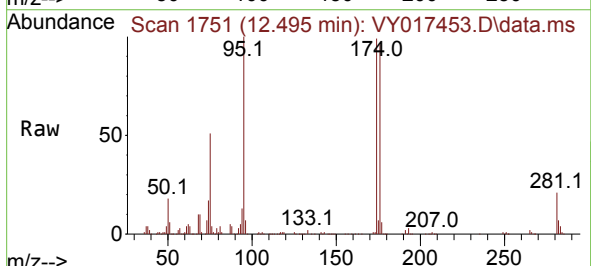
Instrument :
MSVOA_Y
ClientSampleId :

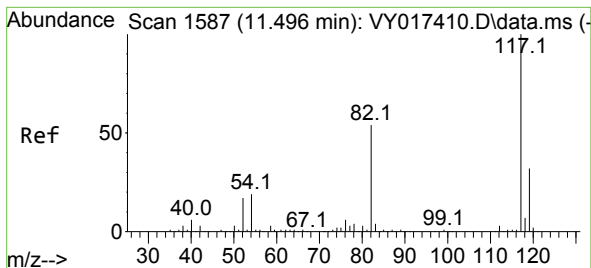
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 37.1 35.7 53.5



#62
4-Bromofluorobenzene
Concen: 41.958 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 95 Resp: 80535
Ion Ratio Lower Upper
95 100
174 94.3 0.0 175.6
176 90.5 0.0 171.4

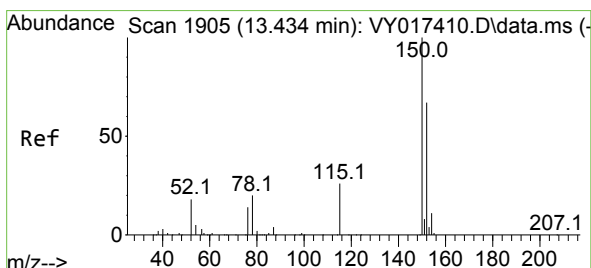
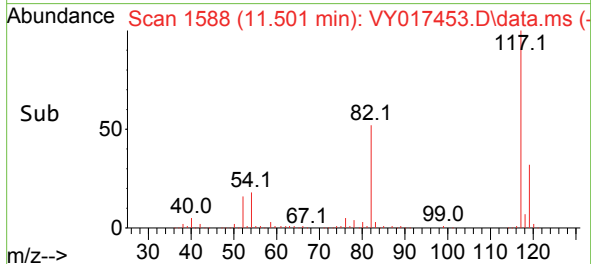
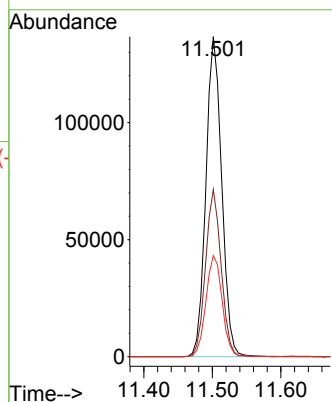
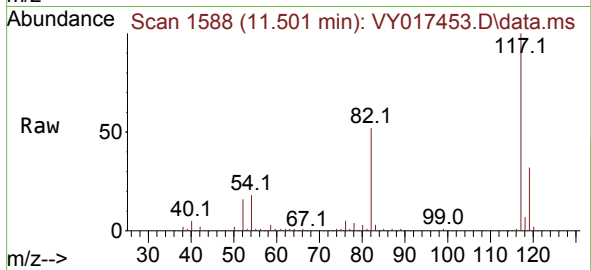




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

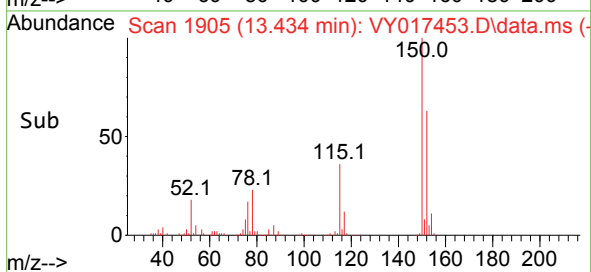
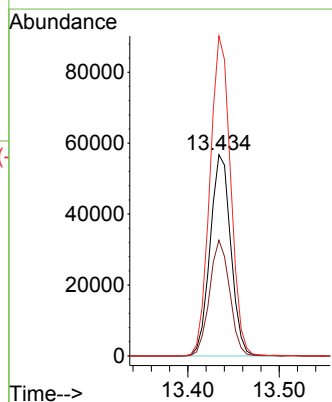
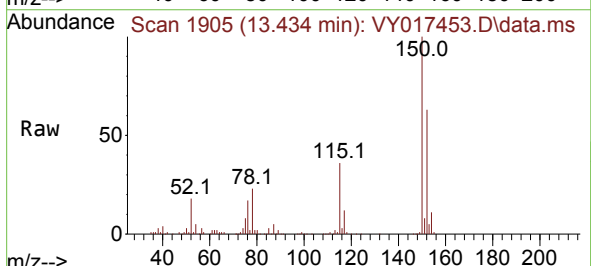
Instrument :
MSVOA_Y
ClientSampleId :

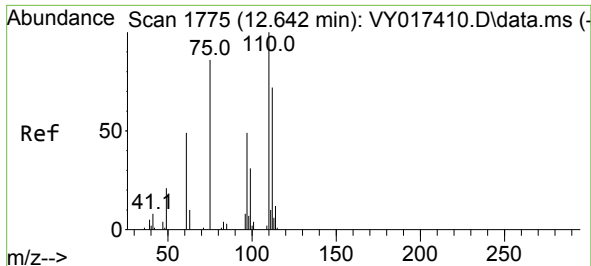
Tgt Ion:117 Resp: 219357
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion:152 Resp: 89228
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 158.9 0.0 345.6

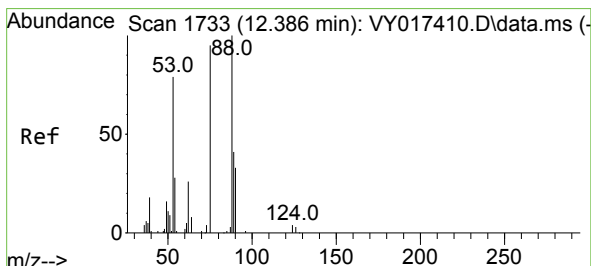
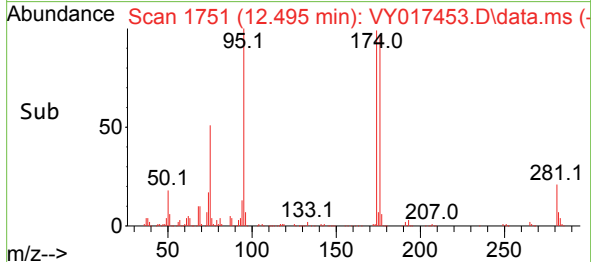
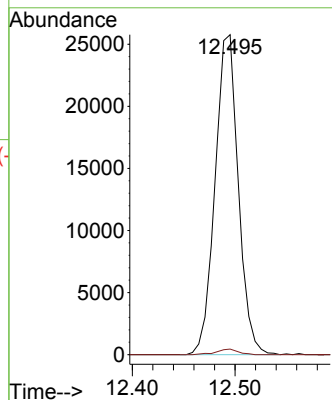
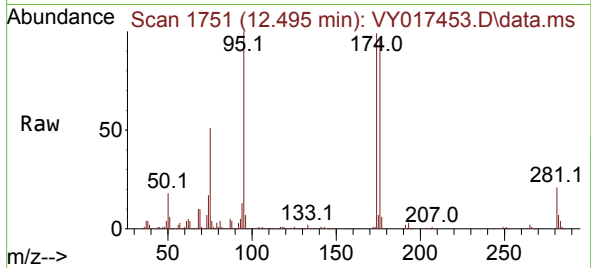




#76
1,2,3-Trichloropropane
Concen: 46.698 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

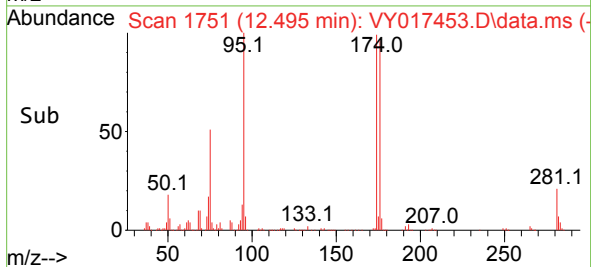
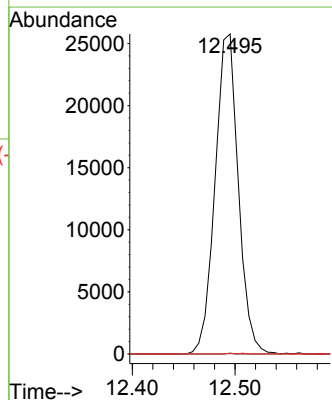
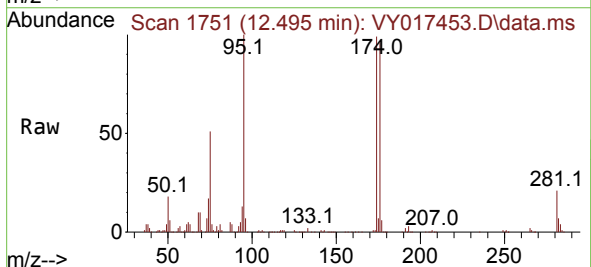
Instrument :
MSVOA_Y
ClientSampleId :

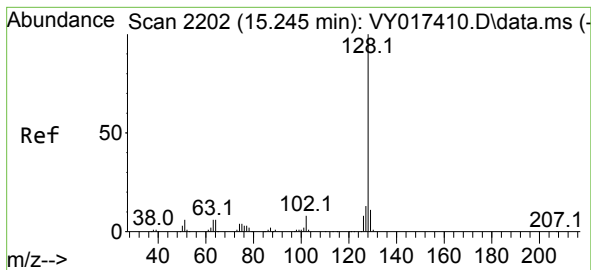
Tgt Ion: 75 Resp: 40401
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.880 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 75 Resp: 40401
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 3.763 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

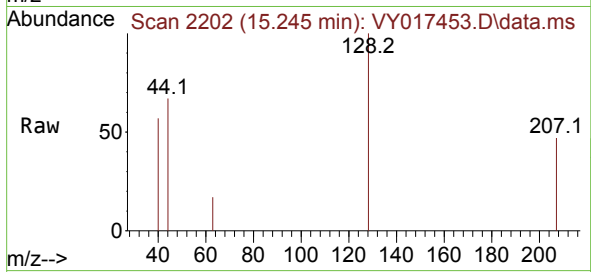
Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 643

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#

