

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016191.D
 Acq On : 02 Nov 2023 15:35
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 01:41:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

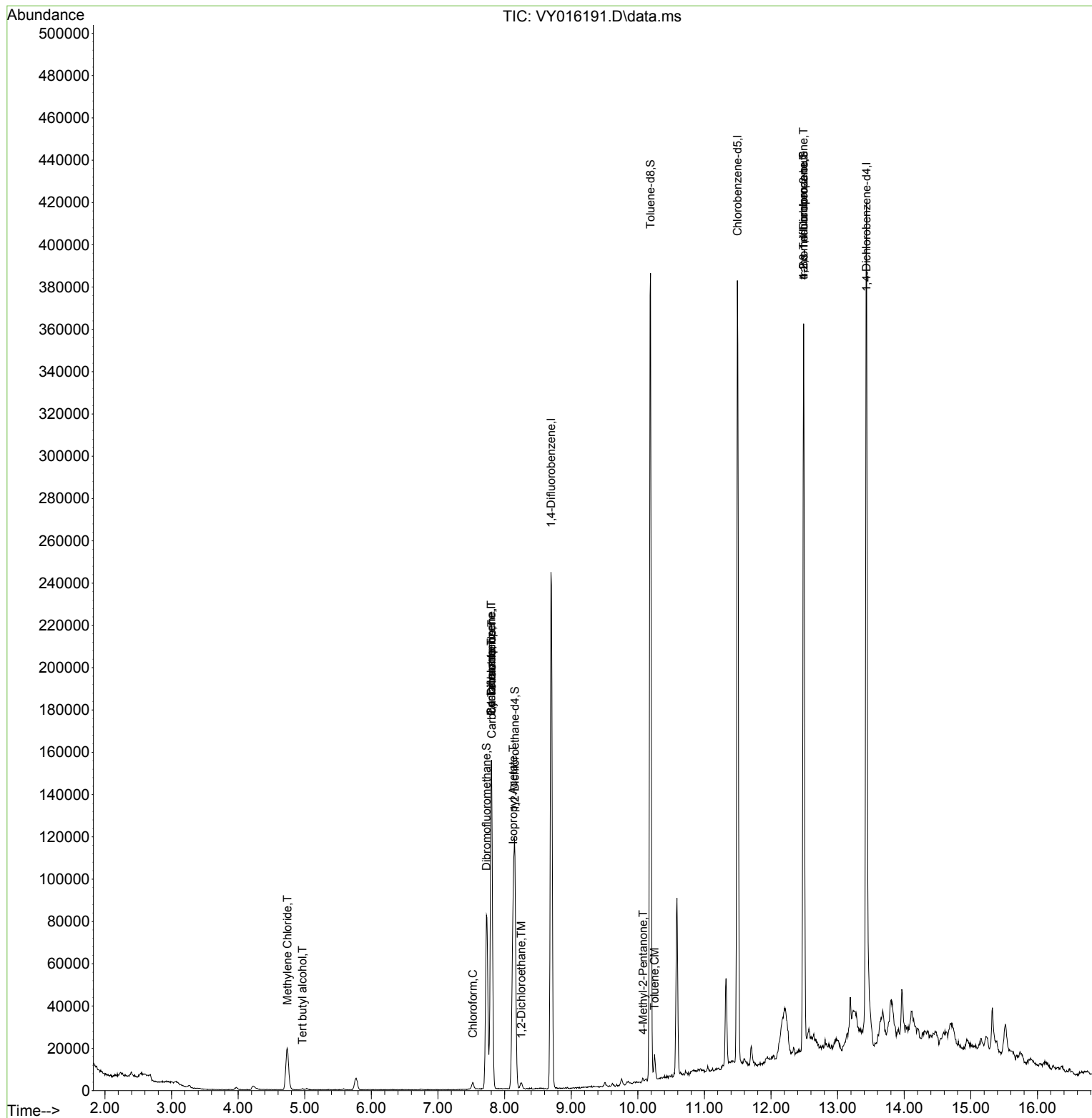
Internal Standards						
1) Pentafluorobenzene	7.801	168	124450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68187	58.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.728	113	59519	46.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.860%
50) Toluene-d8	10.191	98	252291	49.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.489	95	90628	52.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1117	12.838	ug/l #	89
16) Acetone	3.966	43	1896	Below Cal	#	79
20) Methylene Chloride	4.741	84	15515	10.705	ug/l #	80
30) Chloroform	7.527	83	3155	1.421	ug/l	85
31) Cyclohexane	7.801	56	2524	1.410	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	9572	5.171	ug/l #	50
38) Carbon Tetrachloride	7.807	117	11976	6.530	ug/l #	16
42) 1,2-Dichloroethane	8.252	62	2768	1.866	ug/l	94
43) Isopropyl Acetate	8.130	43	1862	1.142	ug/l #	6
49) 1,4-Dioxane	9.307	88	20	Below Cal	#	36
51) 4-Methyl-2-Pentanone	10.081	43	1336	1.642	ug/l	91
52) Toluene	10.252	92	4830	1.403	ug/l	96
76) 1,2,3-Trichloropropane	12.489	75	48283	51.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48283	112.714	ug/l #	11

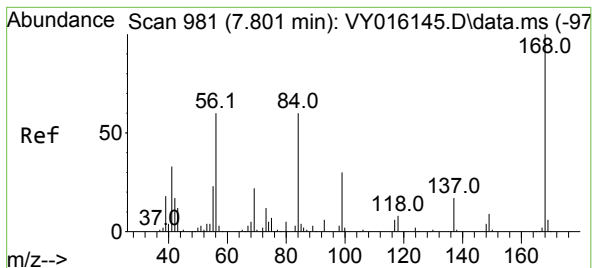
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016191.D
Acq On : 02 Nov 2023 15:35
Operator : SY/MD
Sample : BLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 03 01:41:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

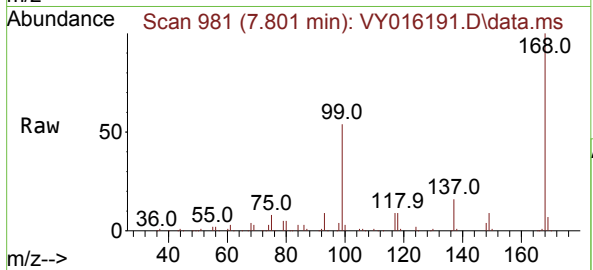
Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

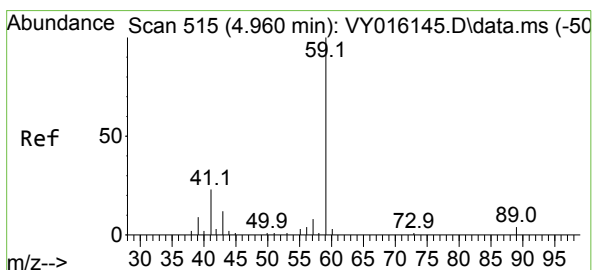
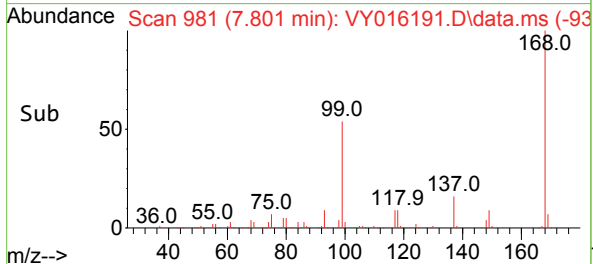
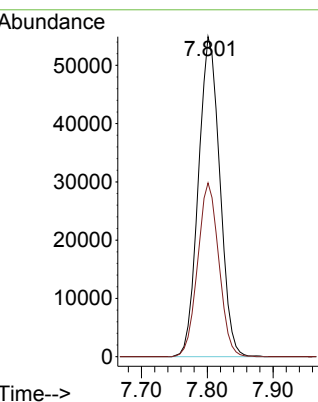


Tgt Ion:168 Resp: 124450

Ion Ratio Lower Upper

168 100

99 54.3 43.4 65.0



#11

Tert butyl alcohol

Concen: 12.838 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016191.D

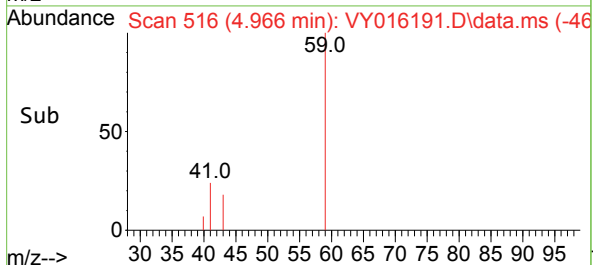
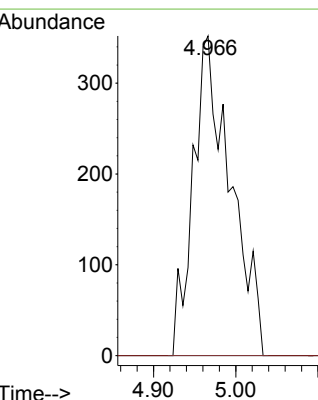
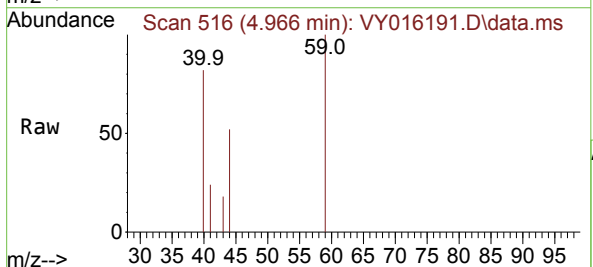
Acq: 02 Nov 2023 15:35

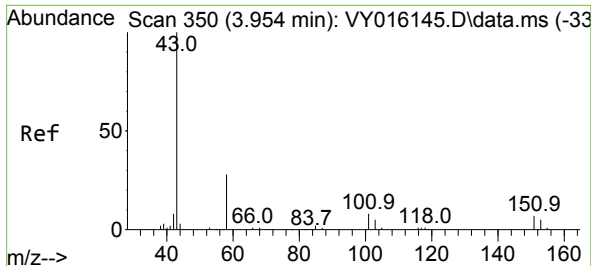
Tgt Ion: 59 Resp: 1117

Ion Ratio Lower Upper

59 100

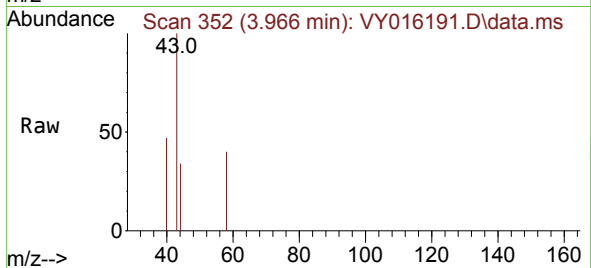
57 0.0 3.0 4.4#



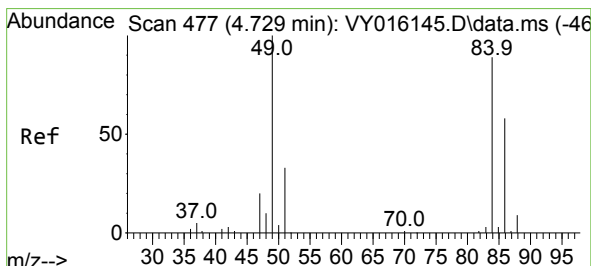
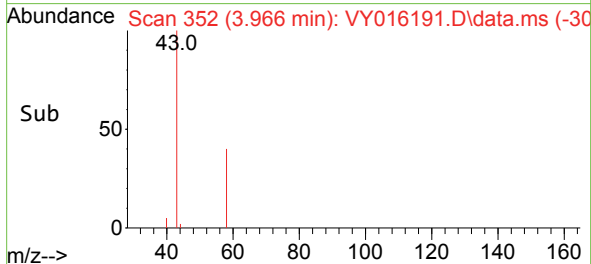
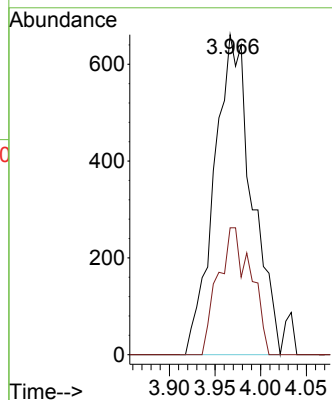


#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :

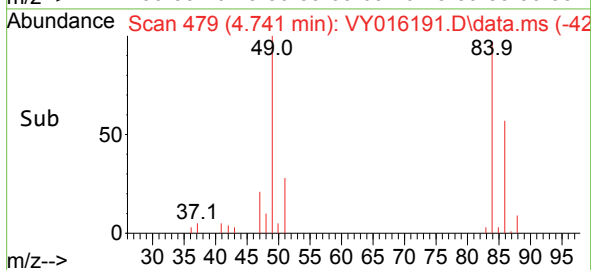
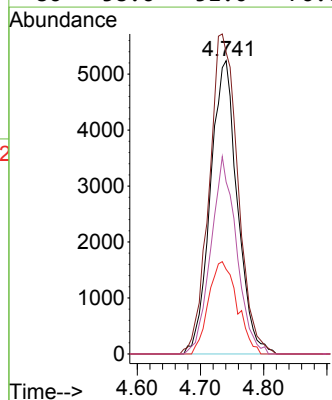
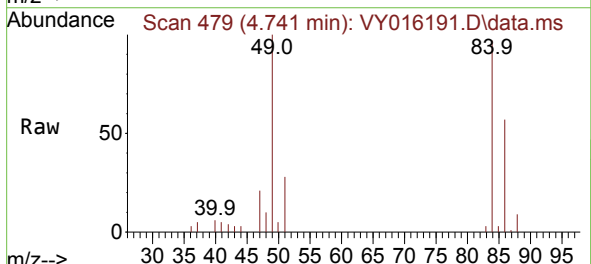


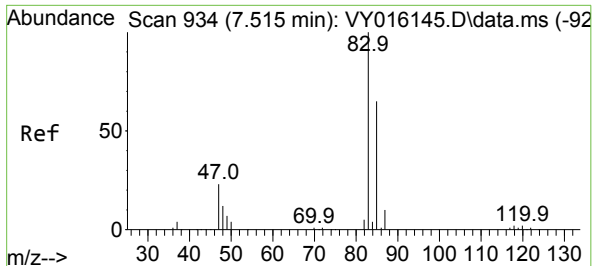
Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
58 39.6 22.7 34.1#



#20
Methylene Chloride
Concen: 10.705 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 84 Resp: 15515
Ion Ratio Lower Upper
84 100
49 102.8 106.9 160.3#
51 28.8 33.2 49.8#
86 58.6 51.0 76.6

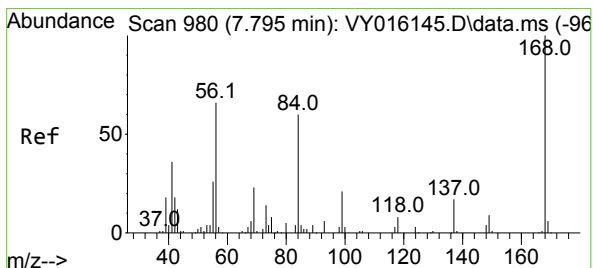
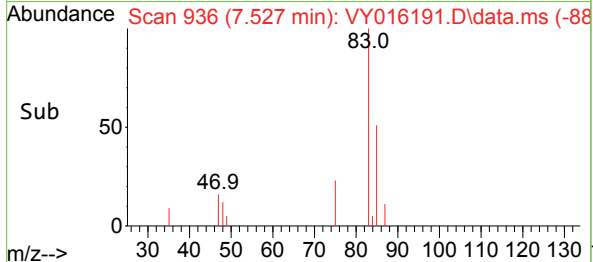
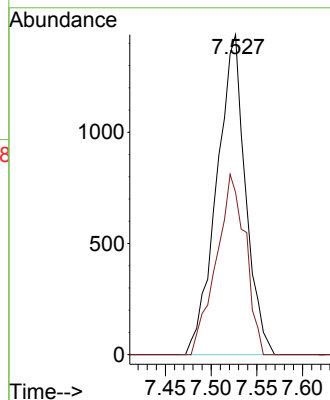
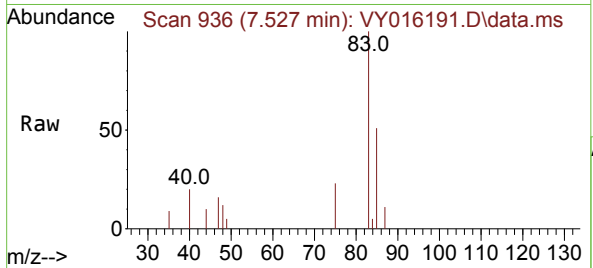




#30
Chloroform
Concen: 1.421 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

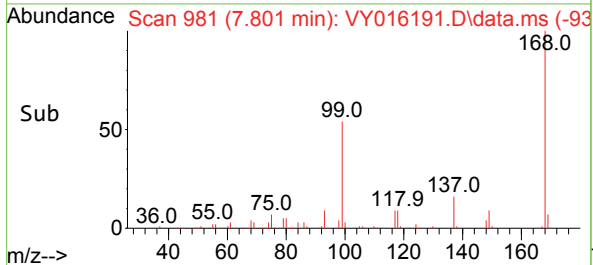
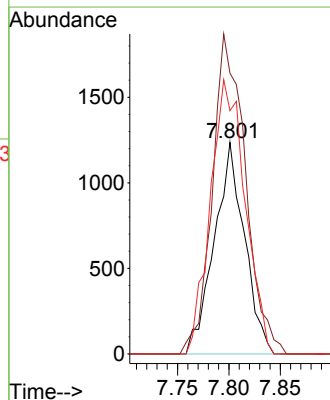
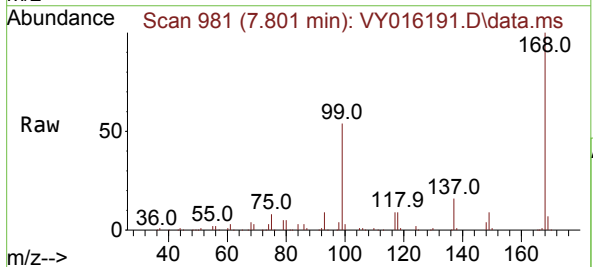
Instrument :
MSVOA_Y
ClientSampleId :

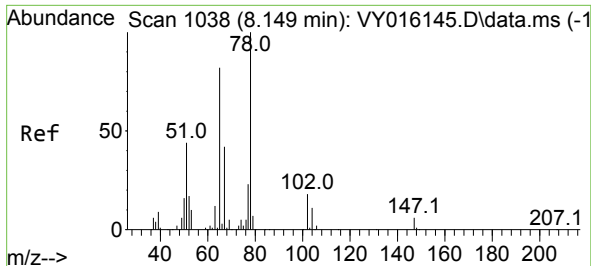
Tgt Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
85 50.7 49.7 74.5



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 56 Resp: 2524
Ion Ratio Lower Upper
56 100
69 132.8 27.8 41.6#
84 115.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.554 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

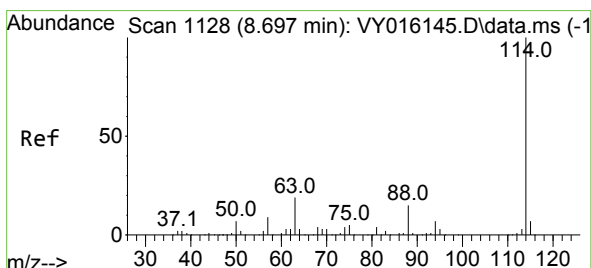
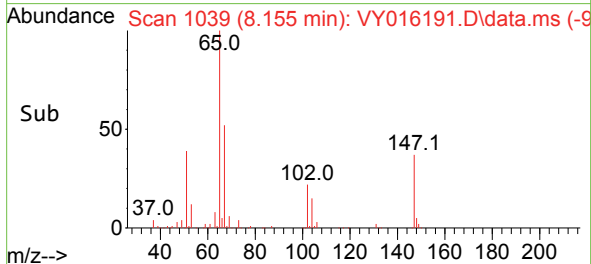
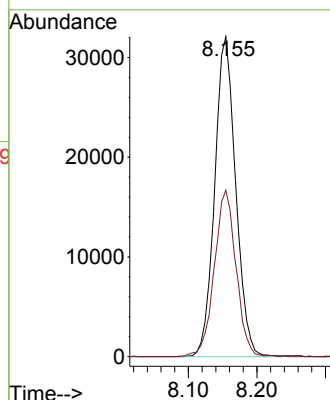
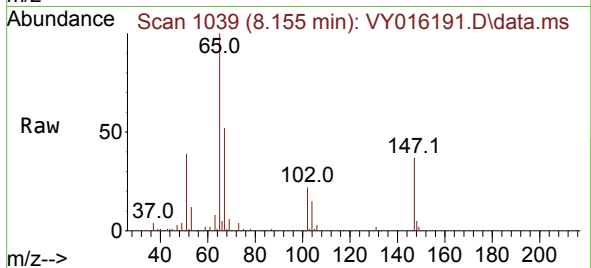
ClientSampleId :

Tgt Ion: 65 Resp: 68187

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

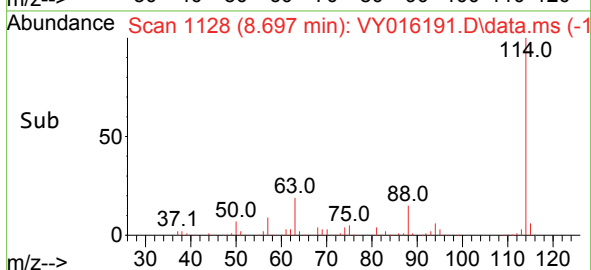
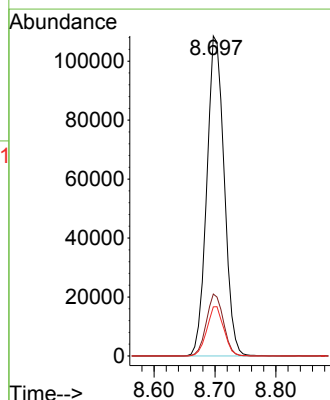
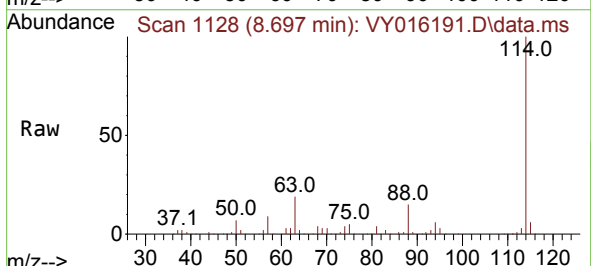
Tgt Ion: 114 Resp: 215033

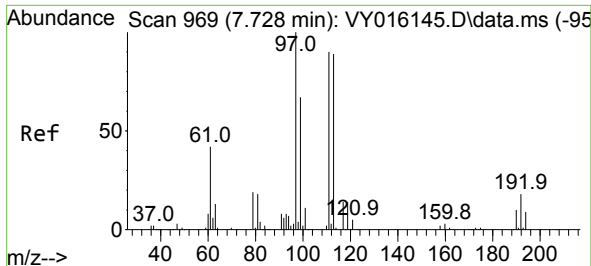
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

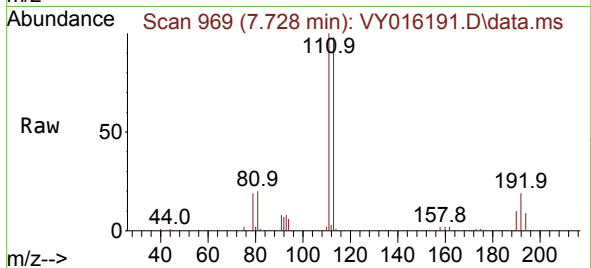
88 15.4 0.0 30.6



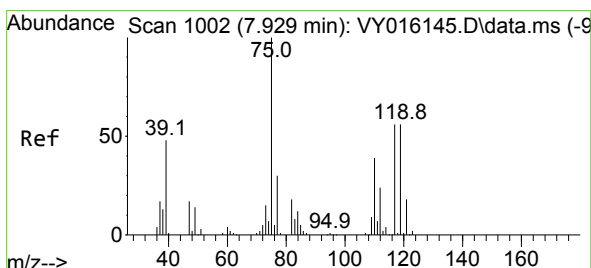
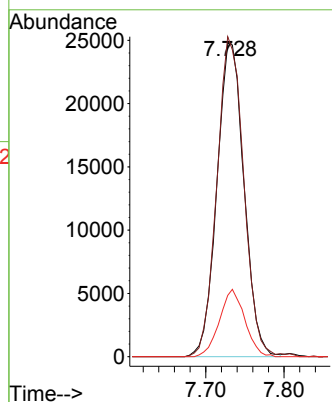
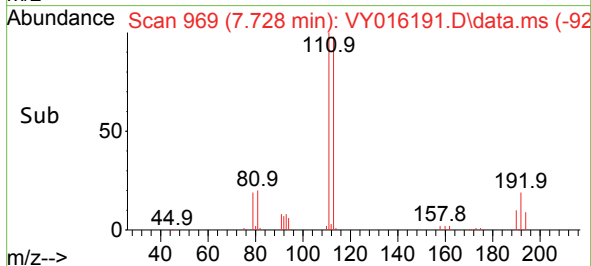


#35
Dibromofluoromethane
Concen: 46.428 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :

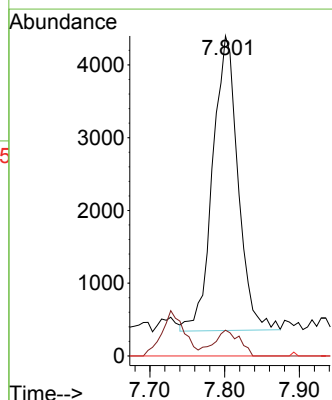
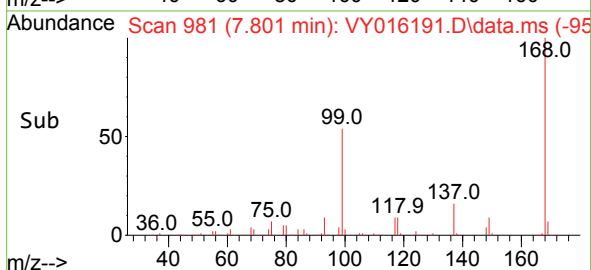
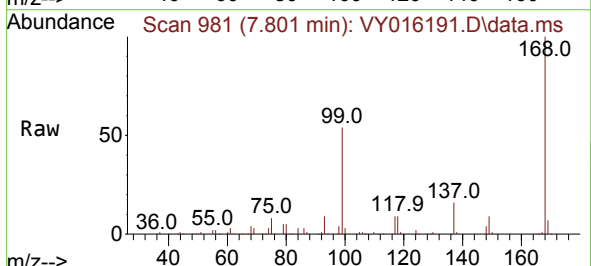


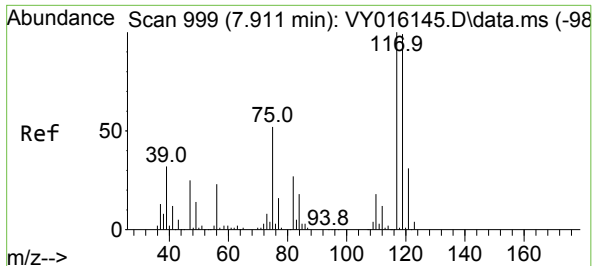
Tgt Ion:113 Resp: 59519
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.171 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

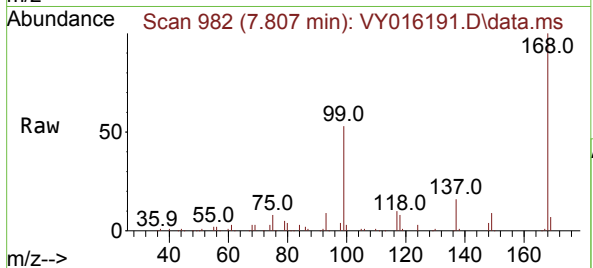
Tgt Ion: 75 Resp: 9572
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



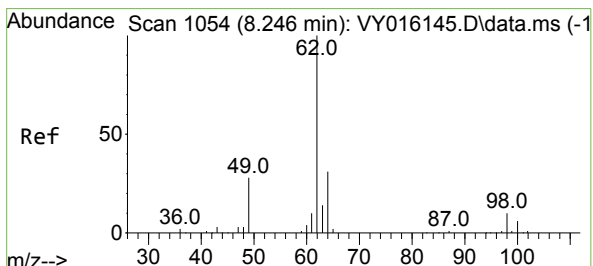
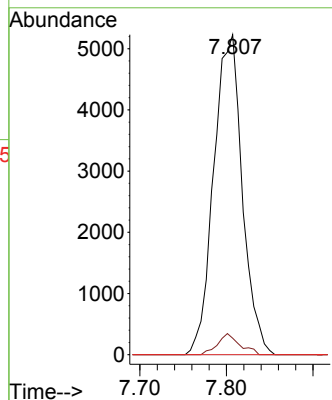
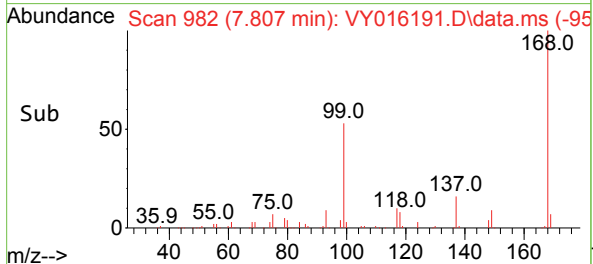


#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :

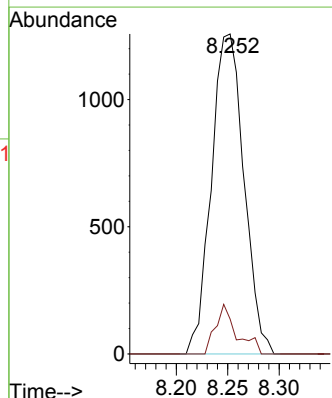
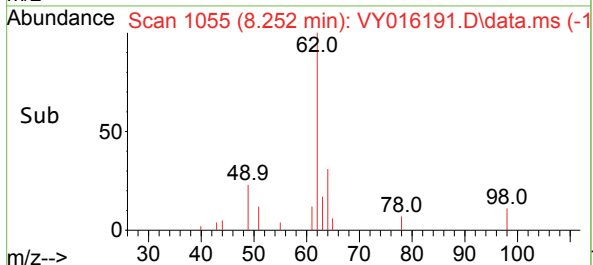
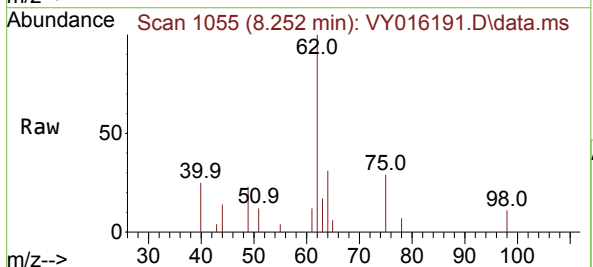


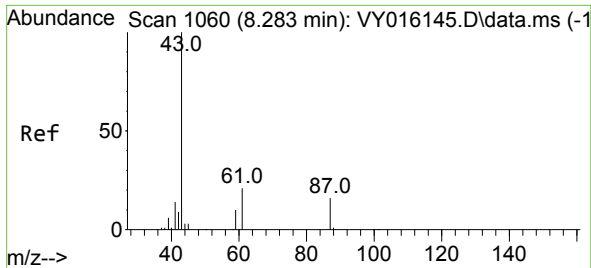
Tgt Ion:117 Resp: 11976
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#42
1,2-Dichloroethane
Concen: 1.866 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

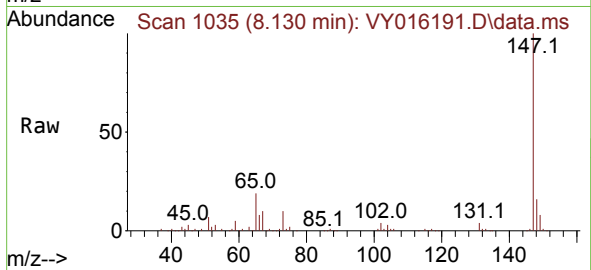
Tgt Ion: 62 Resp: 2768
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8



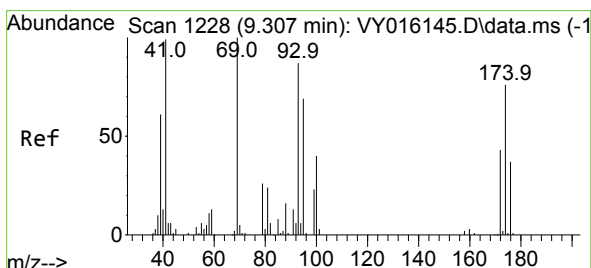
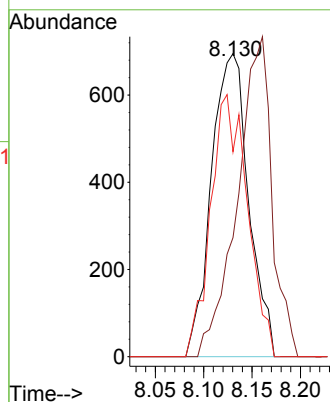
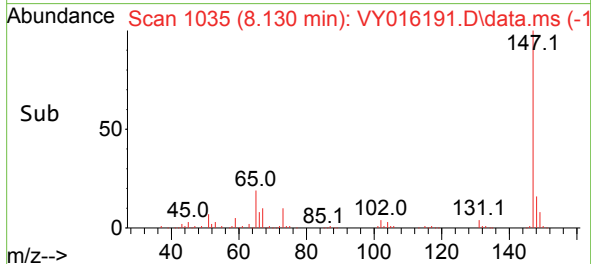


#43
Isopropyl Acetate
Concen: 1.142 ug/l
RT: 8.130 min Scan# 1060
Delta R.T. -0.152 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

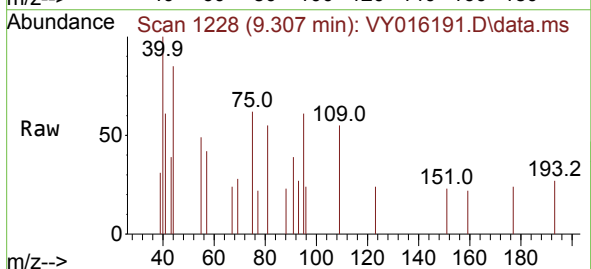
Instrument :
MSVOA_Y
ClientSampleId :



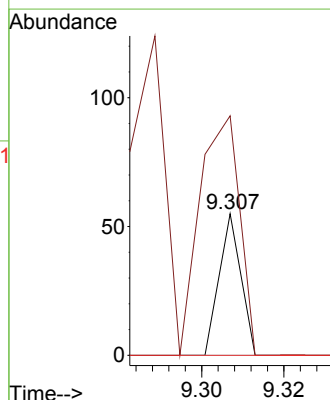
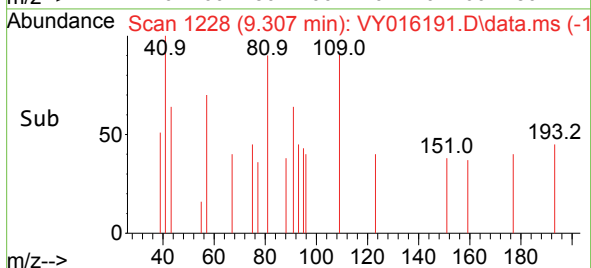
Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 85.2 9.8 14.8#

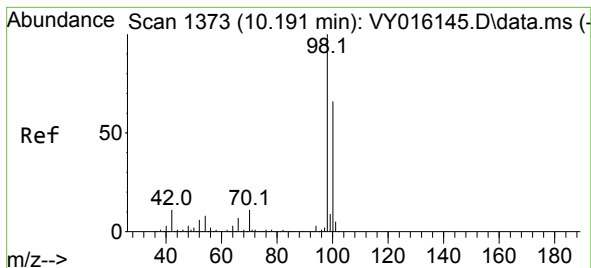


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35



Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 370.0 0.0 0.0#
58 0.0 30.9 46.3#

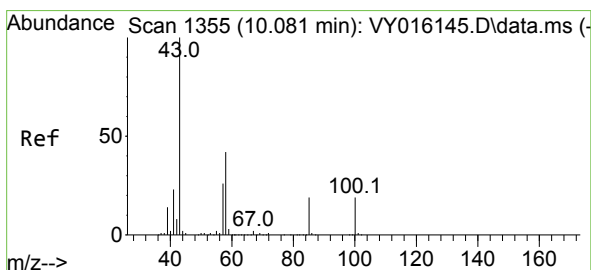
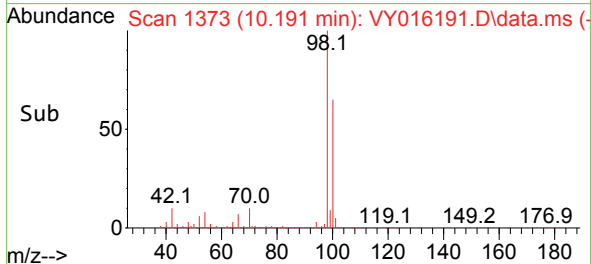
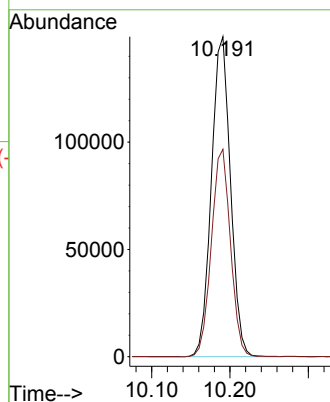
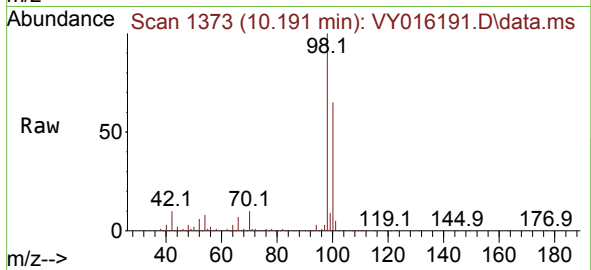




#50
Toluene-d8
Concen: 49.637 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

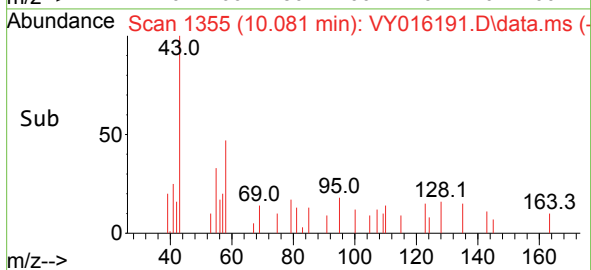
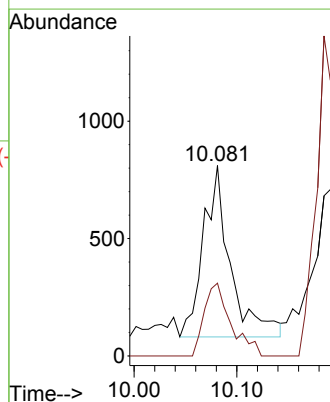
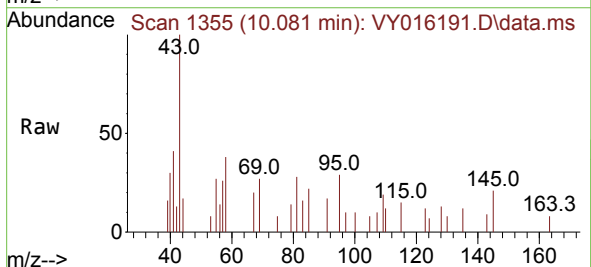
Instrument :
MSVOA_Y
ClientSampleId :

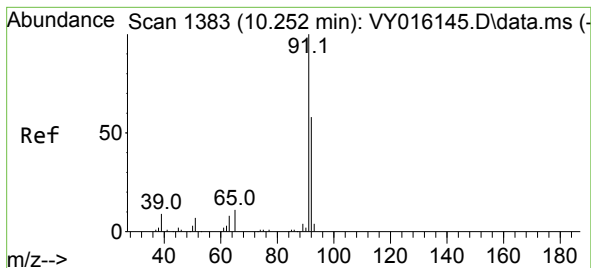
Tgt Ion: 98 Resp: 252291
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.642 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6





#52

Toluene

Concen: 1.403 ug/l

RT: 10.252 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

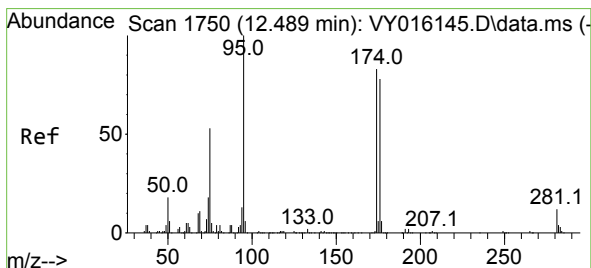
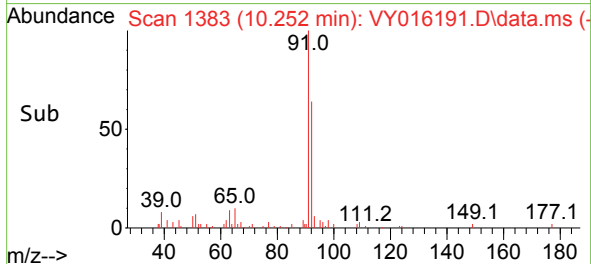
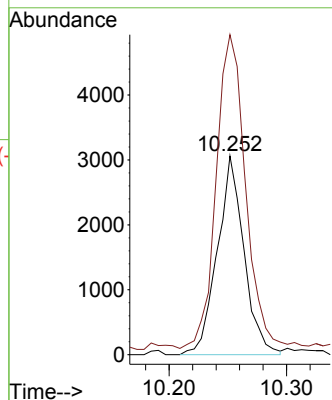
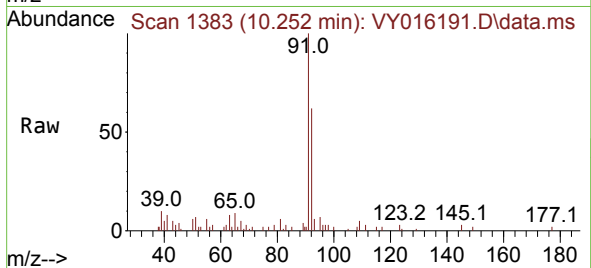
ClientSampleId :

Tgt Ion: 92 Resp: 4830

Ion Ratio Lower Upper

92 100

91 174.7 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 52.144 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

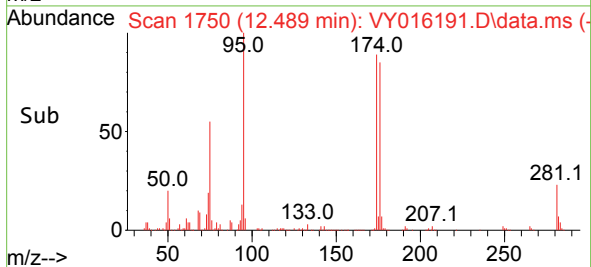
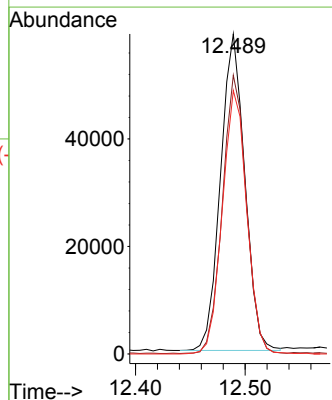
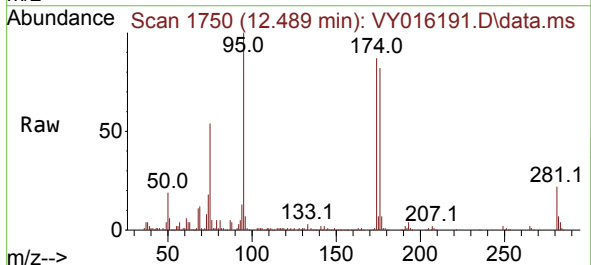
Tgt Ion: 95 Resp: 90628

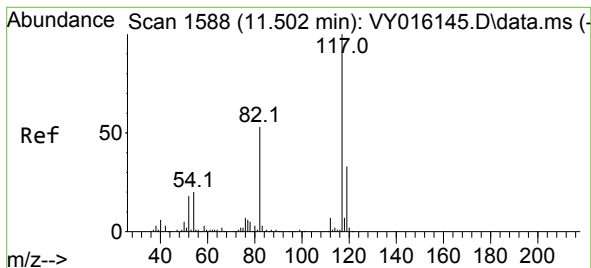
Ion Ratio Lower Upper

95 100

174 86.5 0.0 178.2

176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

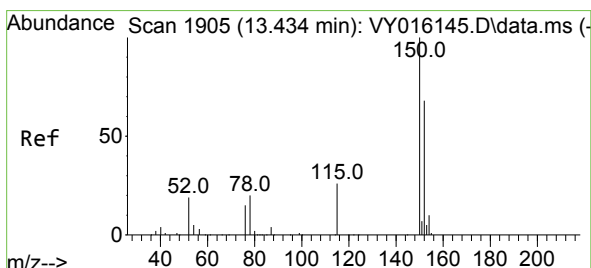
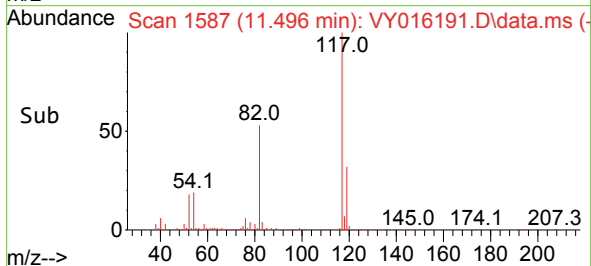
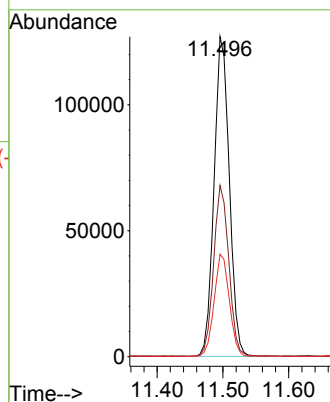
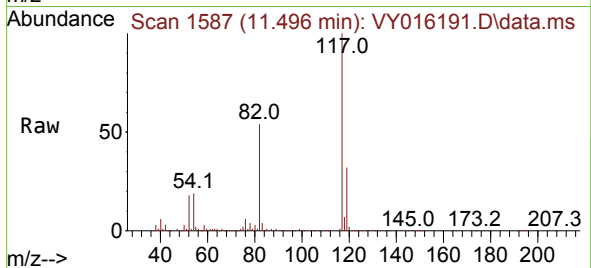
Tgt Ion:117 Resp: 205294

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

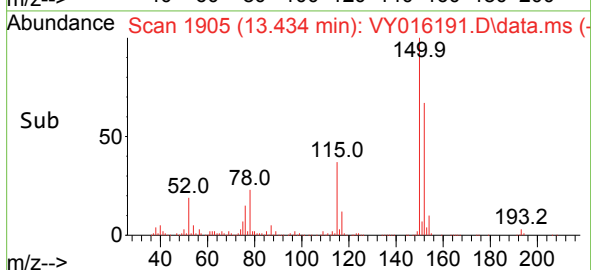
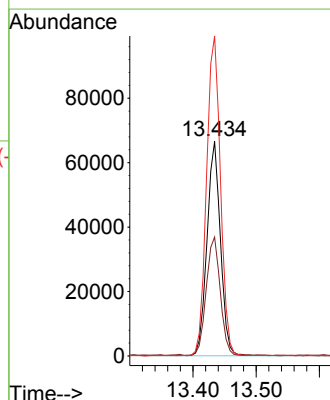
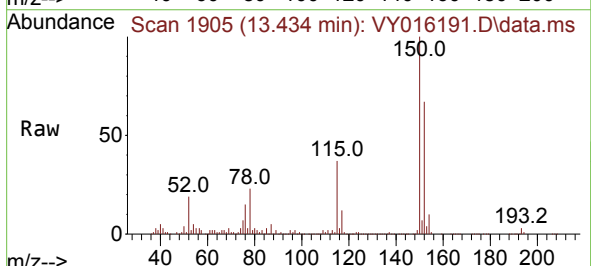
Tgt Ion:152 Resp: 98629

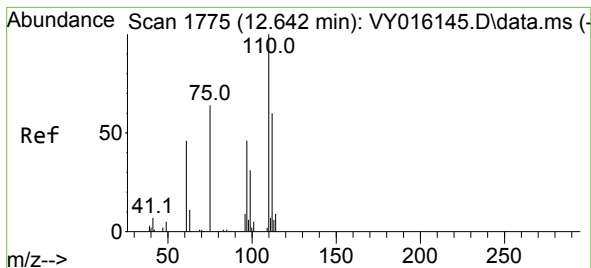
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 153.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 51.984 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

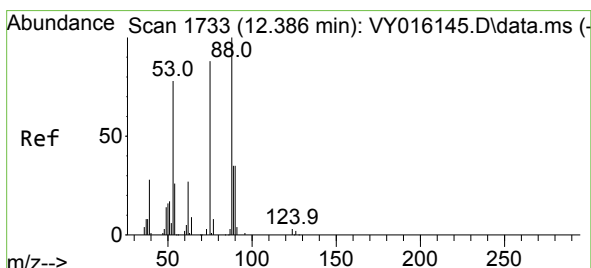
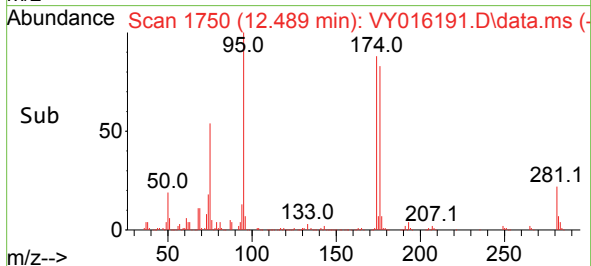
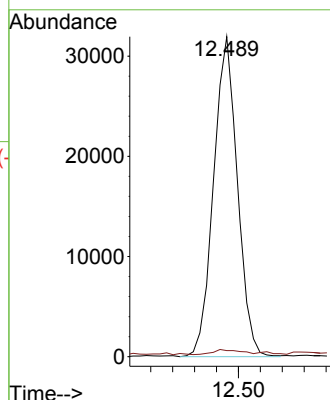
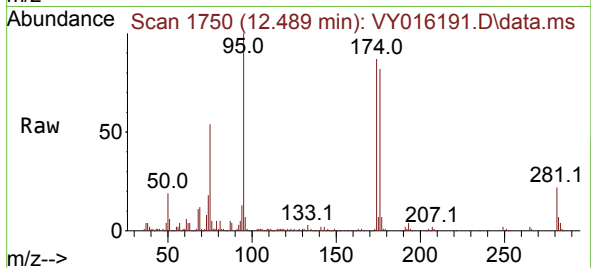
ClientSampleId :

Tgt Ion: 75 Resp: 48283

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.714 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Tgt Ion: 75 Resp: 48283

Ion Ratio Lower Upper

75 100

53 0.2 77.8 116.8#

89 0.5 37.4 56.0#

