

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016521.D
 Acq On : 28 Nov 2023 15:23
 Operator : SY/MD
 Sample : 05470-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:09:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

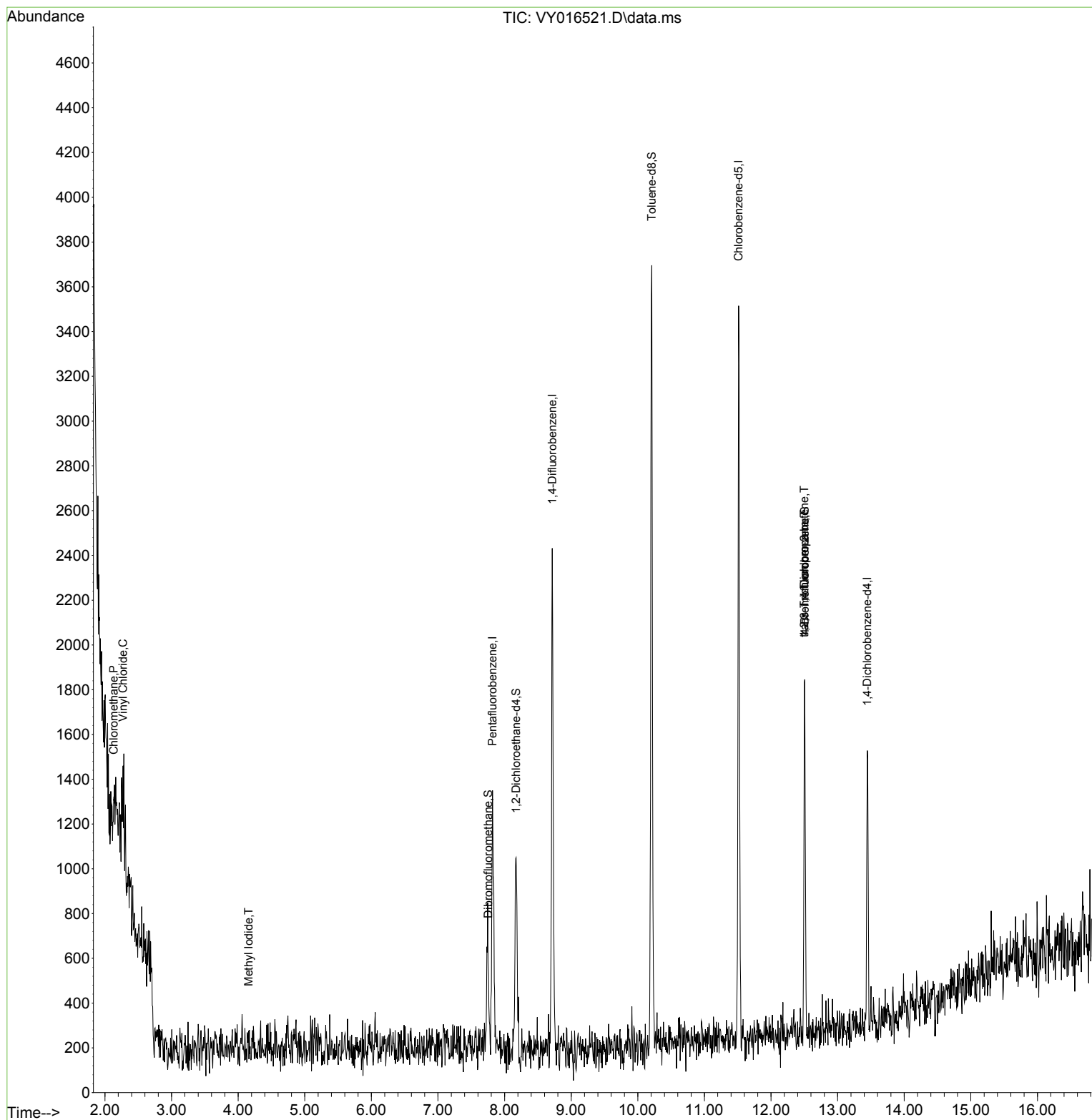
Internal Standards						
1) Pentafluorobenzene	7.819	168	1288	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.716	114	2507	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	2314	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	451	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	980	83.250	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.500%#
35) Dibromofluoromethane	7.752	113	528	37.075	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.209	98	2875	49.782	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.508	95	668	35.614	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.220%
Target Compounds						
						Qvalue
3) Chloromethane	2.131	50	43	2.911	ug/l #	43
4) Vinyl Chloride	2.272	62	42	2.644	ug/l #	44
10) Methyl Iodide	4.155	142	19	1.264	ug/l #	38
20) Methylene Chloride	4.759	84	19	Below Cal	#	4
76) 1,2,3-Trichloropropane	12.502	75	325	75.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	325	163.055	ug/l #	10

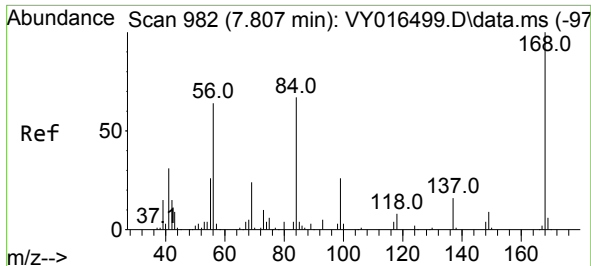
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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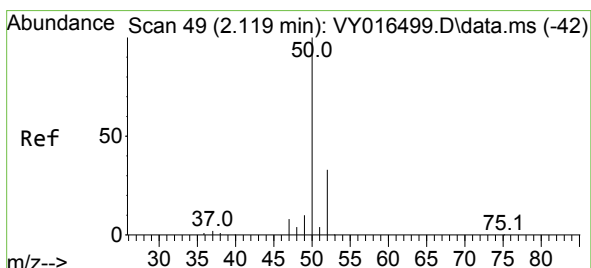
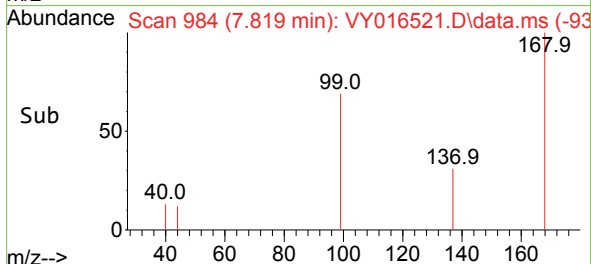
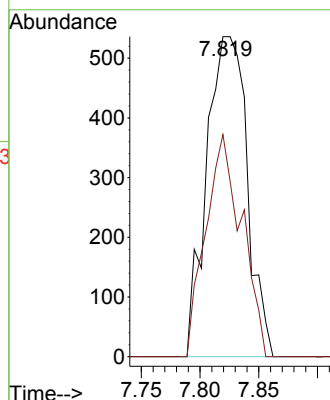
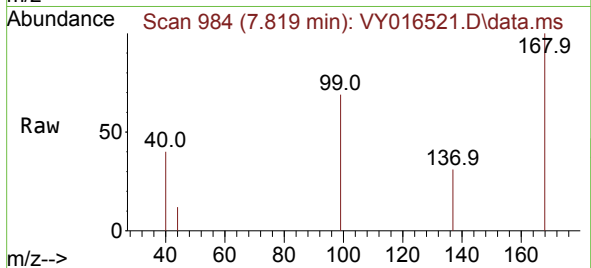




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

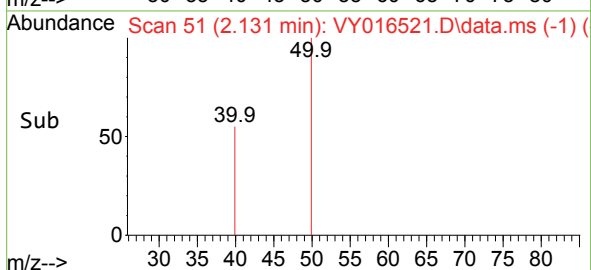
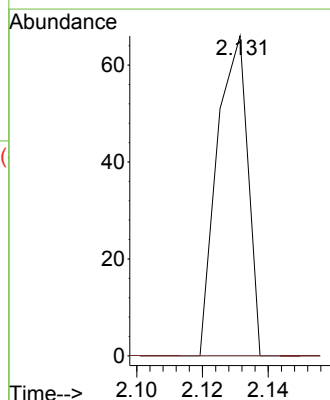
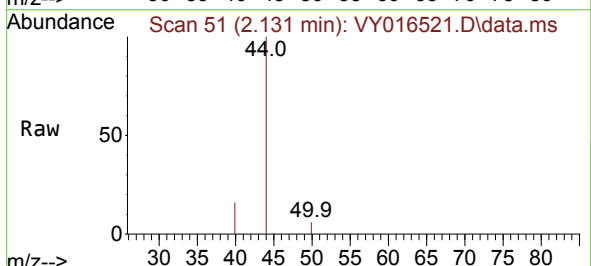
Instrument :
MSVOA_Y
ClientSampleId :

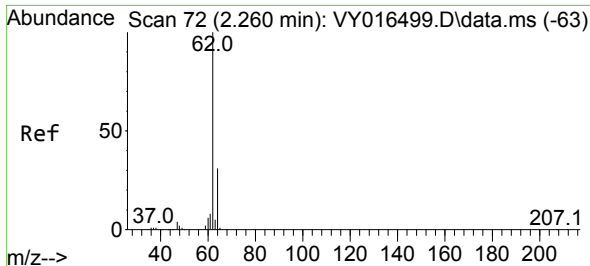
Tgt Ion:168 Resp: 1288
Ion Ratio Lower Upper
168 100
99 69.4 43.4 65.0#



#3
Chloromethane
Concen: 2.911 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

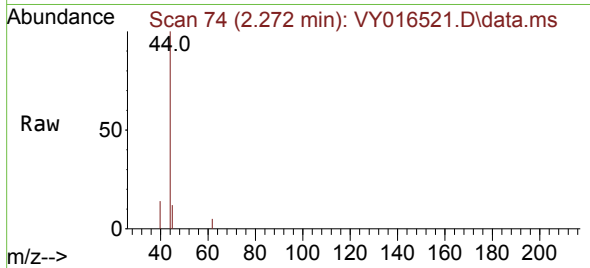
Tgt Ion: 50 Resp: 43
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



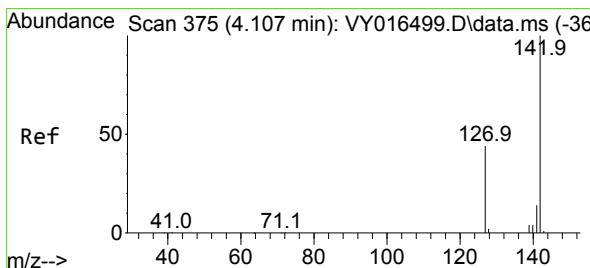
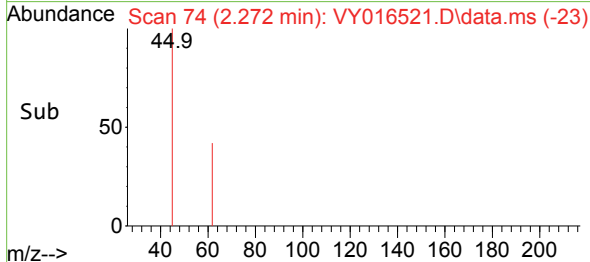
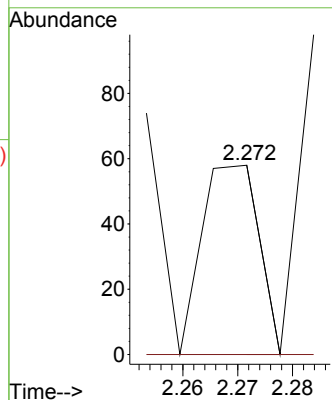


#4
 Vinyl Chloride
 Concen: 2.644 ug/l
 RT: 2.272 min Scan# 74
 Delta R.T. 0.012 min
 Lab File: VY016521.D
 Acq: 28 Nov 2023 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :

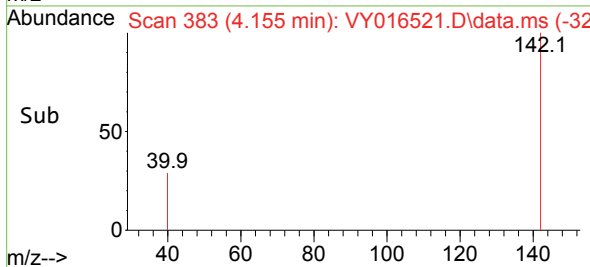
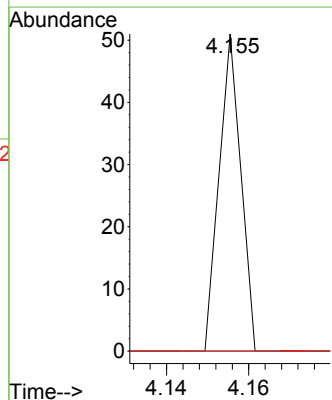
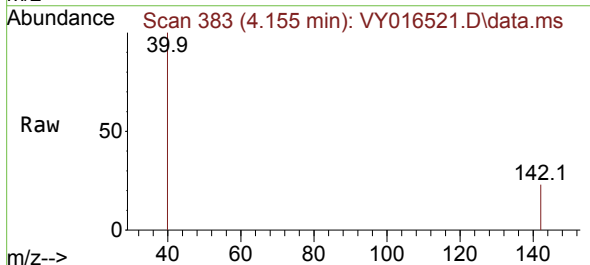


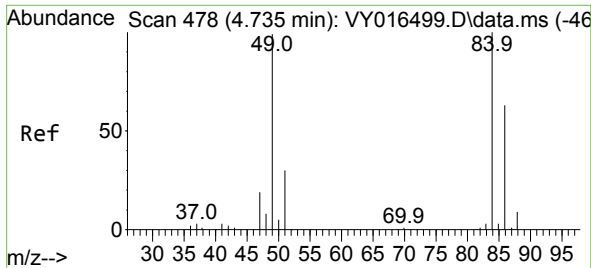
Tgt Ion: 62 Resp: 42
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#10
 Methyl Iodide
 Concen: 1.264 ug/l
 RT: 4.155 min Scan# 383
 Delta R.T. 0.049 min
 Lab File: VY016521.D
 Acq: 28 Nov 2023 15:23

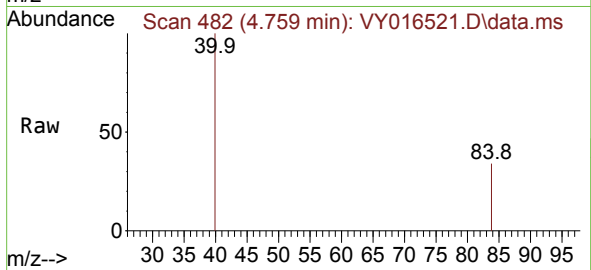
Tgt Ion: 142 Resp: 19
 Ion Ratio Lower Upper
 142 100
 127 0.0 37.6 56.4#
 141 0.0 11.8 17.8#



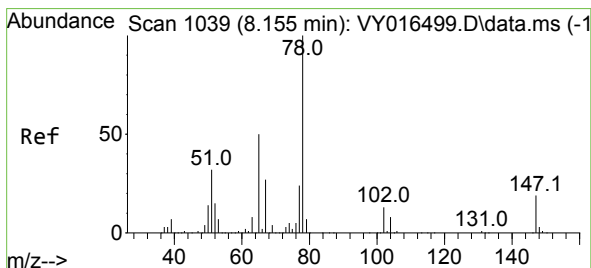
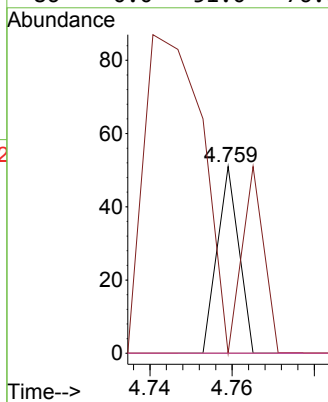
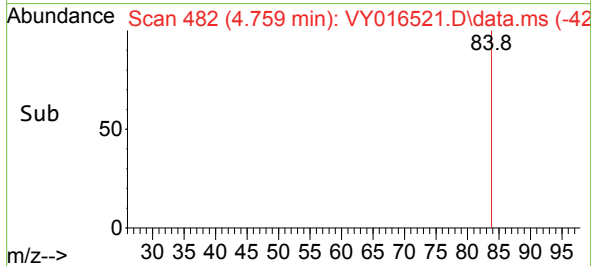


#20
Methylene Chloride
Concen: Below Cal
RT: 4.759 min Scan# 41
Delta R.T. 0.030 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

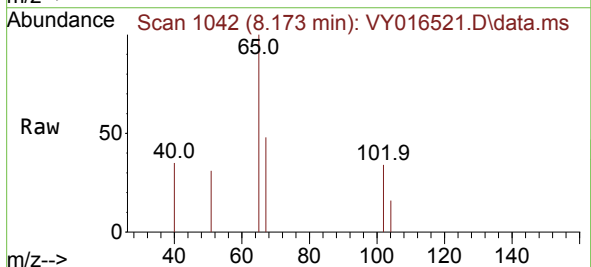
Instrument :
MSVOA_Y
ClientSampleId :



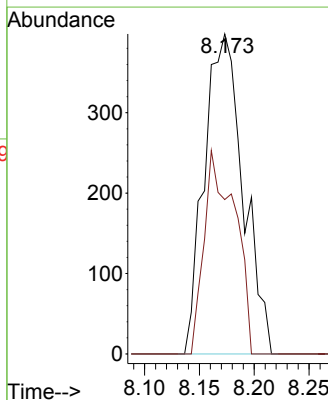
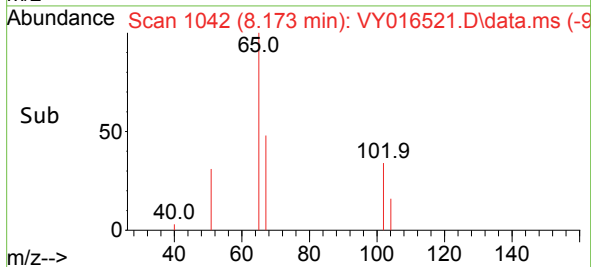
Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 0.0 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#

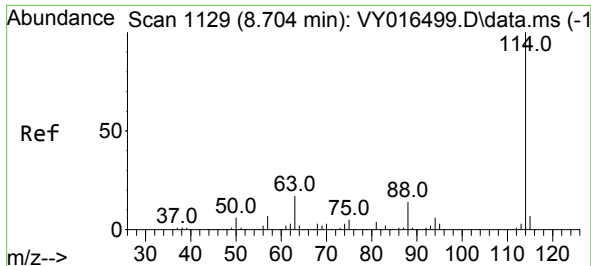


#33
1,2-Dichloroethane-d4
Concen: 83.250 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23



Tgt Ion: 65 Resp: 980
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

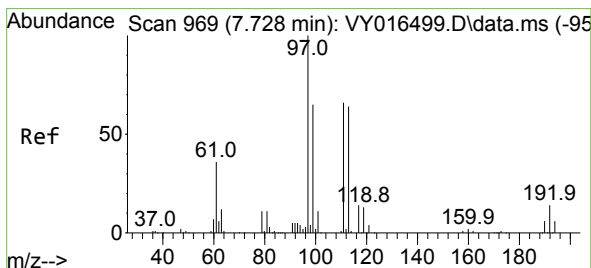
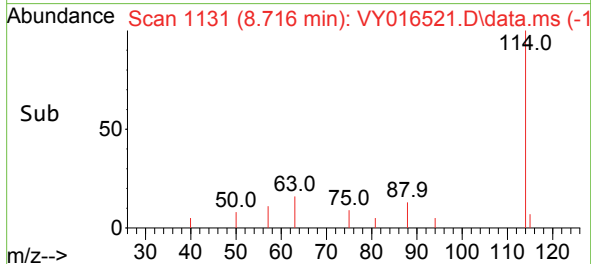
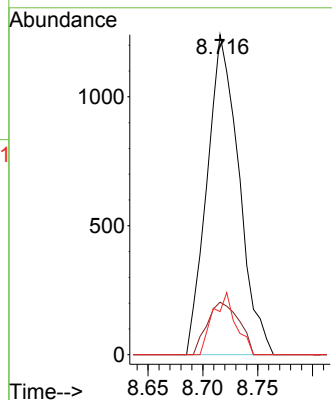
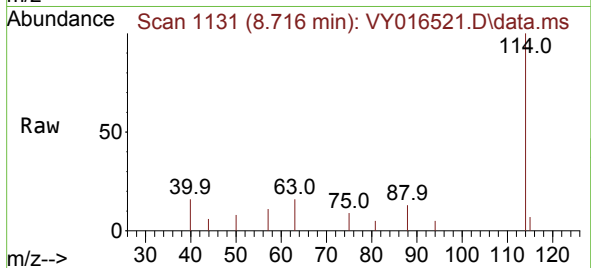
Tgt Ion:114 Resp: 2507

Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.075 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.018 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

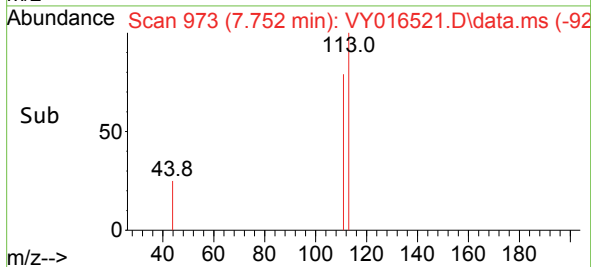
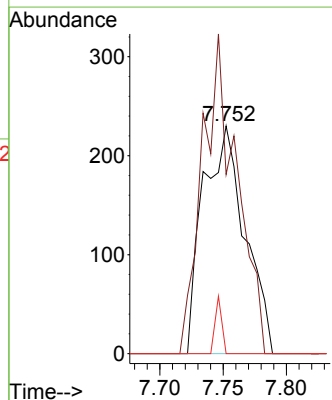
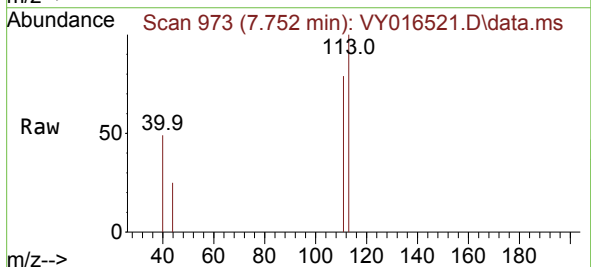
Tgt Ion:113 Resp: 528

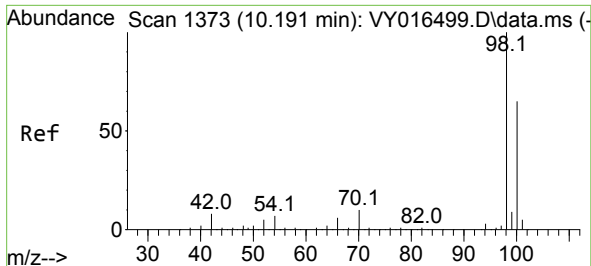
Ion Ratio Lower Upper

113 100

111 115.2 81.3 121.9

192 4.0 16.9 25.3#





#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

Instrument :

MSVOA_Y

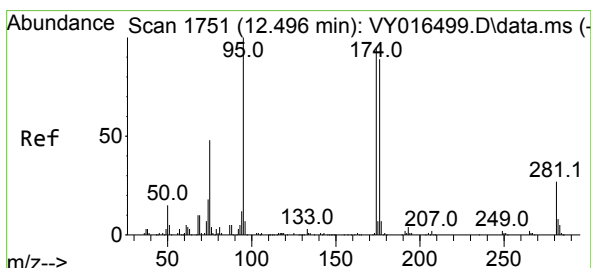
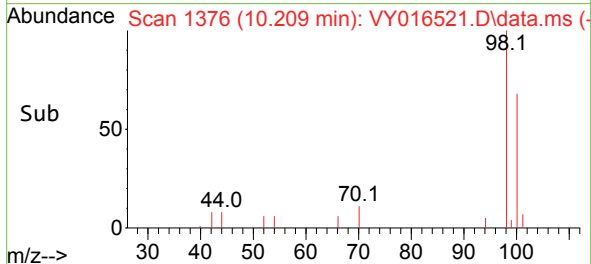
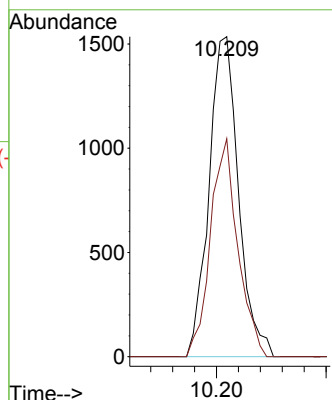
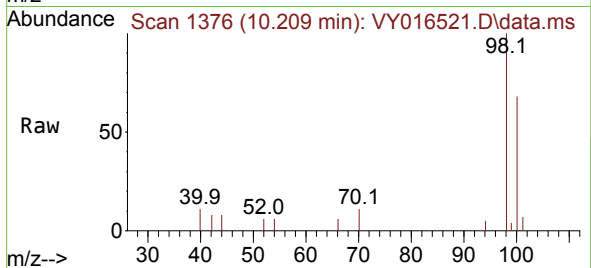
ClientSampleId :

Tgt Ion: 98 Resp: 2875

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 35.614 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.018 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

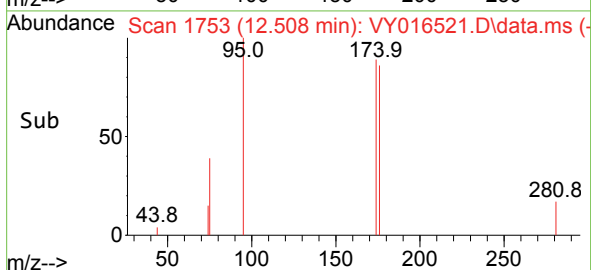
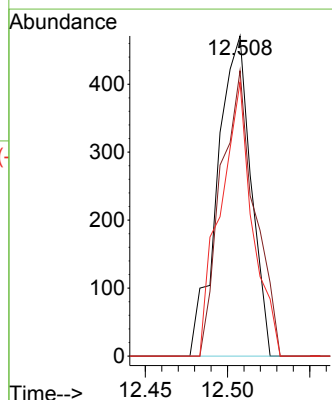
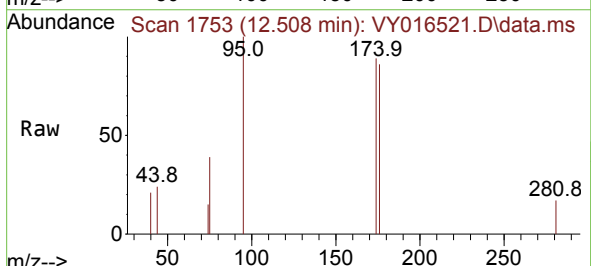
Tgt Ion: 95 Resp: 668

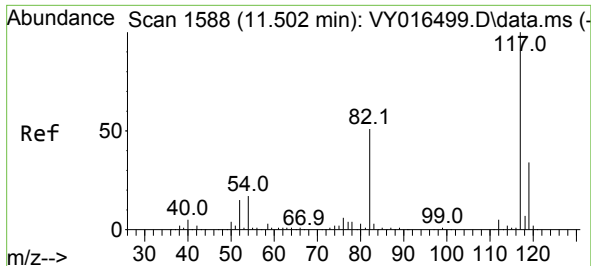
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.2

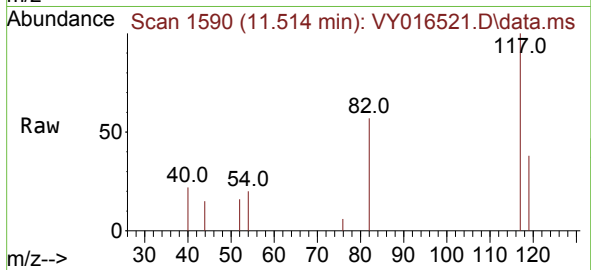
176 82.0 0.0 173.8



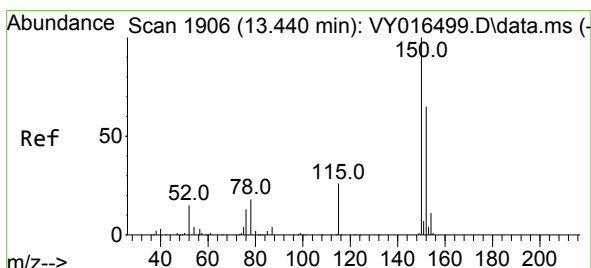
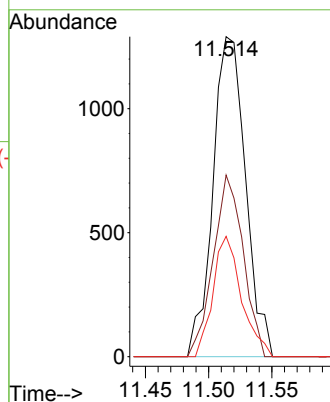
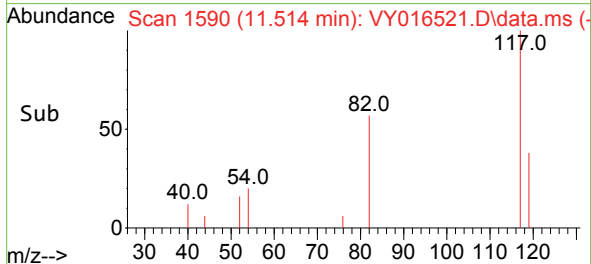


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

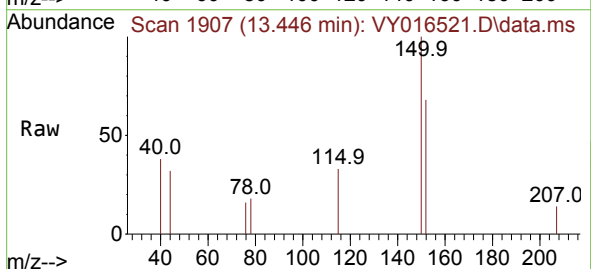
Instrument :
MSVOA_Y
ClientSampleId :



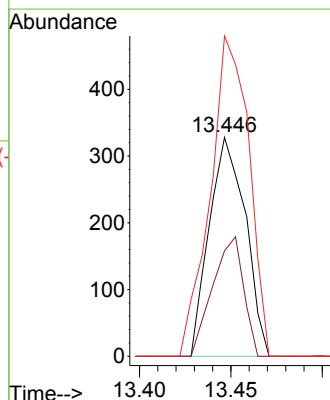
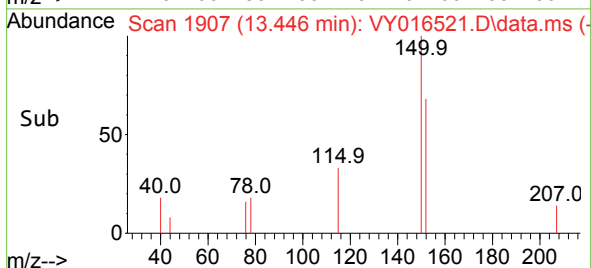
Tgt Ion:117 Resp: 2314
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 37.6 26.3 39.5

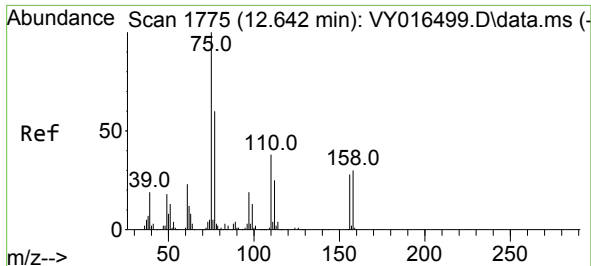


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23



Tgt Ion:152 Resp: 451
Ion Ratio Lower Upper
152 100
115 46.6 28.8 86.5
150 157.2 0.0 348.8

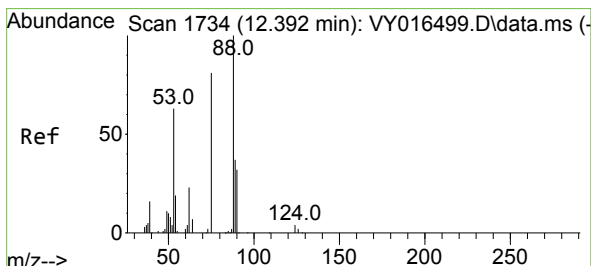
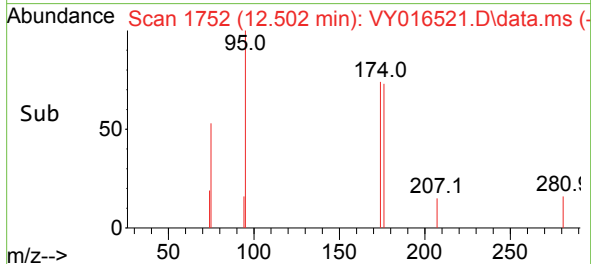
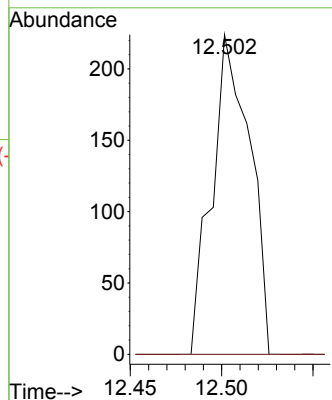
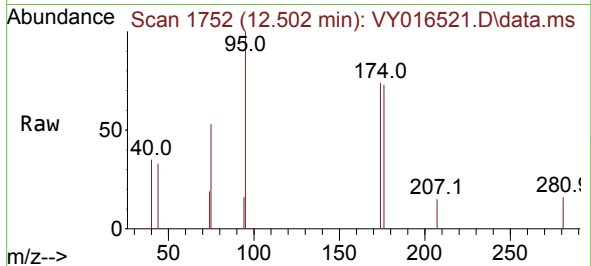




#76
1,2,3-Trichloropropane
Concen: 75.120 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 163.055 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

