

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017024.D
 Acq On : 17 Jan 2024 20:25
 Operator : SY/MD
 Sample : P1156-07
 Misc : 3.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:48:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

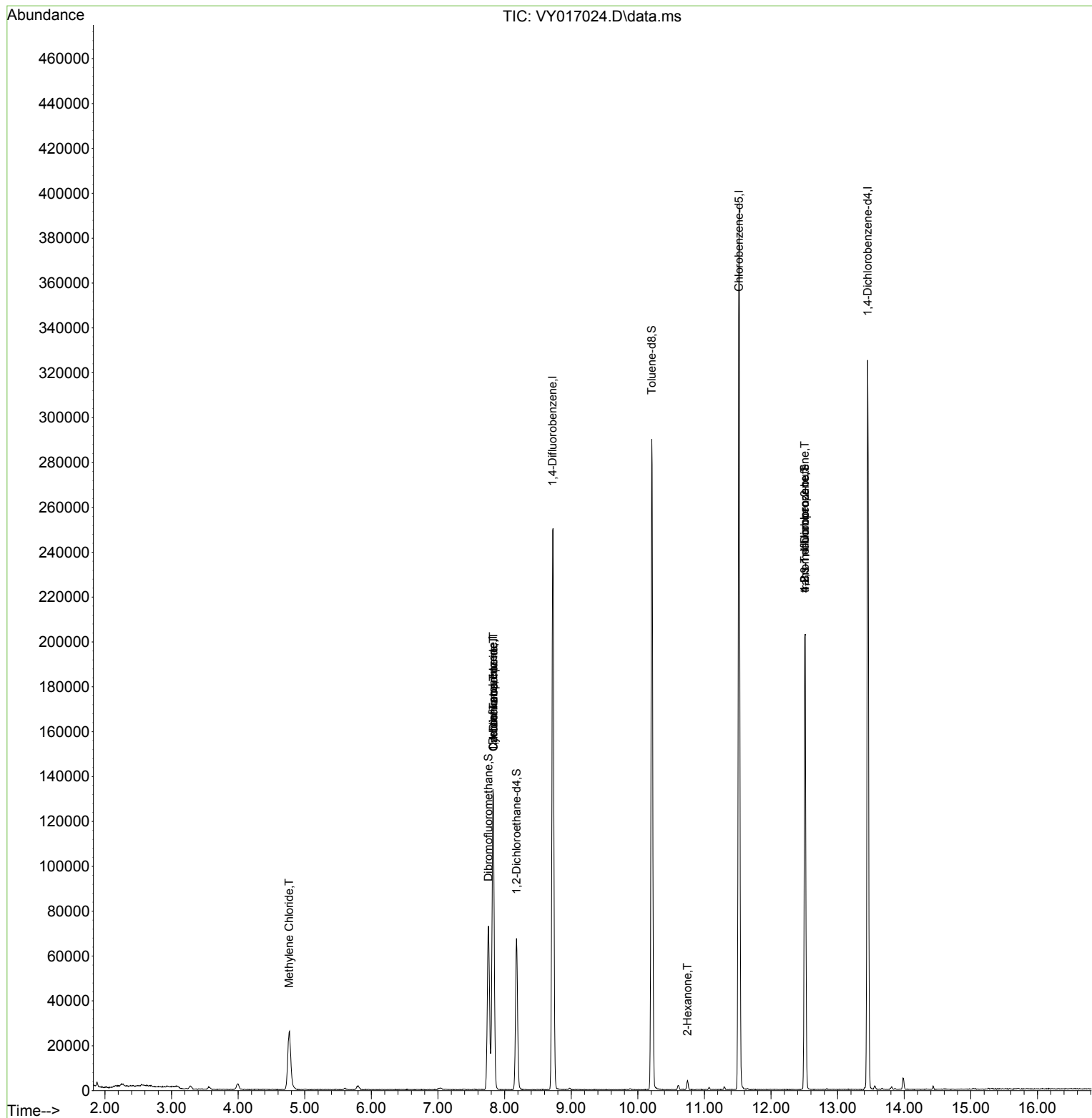
Internal Standards						
1) Pentafluorobenzene	7.825	168	101246	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220327	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	215462	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	81629	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	49997	49.963	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.758	113	53259	37.934	ug/l	0.03
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.860%		
50) Toluene-d8	10.209	98	192421	39.800	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.600%		
62) 4-Bromofluorobenzene	12.508	95	62856	38.534	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.060%		
Target Compounds						
11) Tert butyl alcohol	5.003	59	220	Below Cal	#	75
16) Acetone	3.991	43	5005	Below Cal	#	88
20) Methylene Chloride	4.765	84	20142	9.564	ug/l	96
25) 2-Butanone	7.033	43	578	Below Cal	#	48
31) Cyclohexane	7.832	56	2347	1.367	ug/l	# 1
36) 1,1-Dichloropropene	7.832	75	8794	4.298	ug/l	# 49
38) Carbon Tetrachloride	7.832	117	10295	4.952	ug/l	# 16
59) 2-Hexanone	10.746	43	934	1.339	ug/l	# 23
76) 1,2,3-Trichloropropane	12.508	75	33032	37.290	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.508	75	33032	84.675	ug/l	# 12

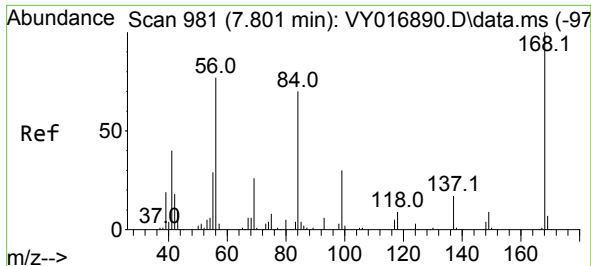
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
Data File : VY017024.D
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Operator : SY/MD
Sample : P1156-07
Misc : 3.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

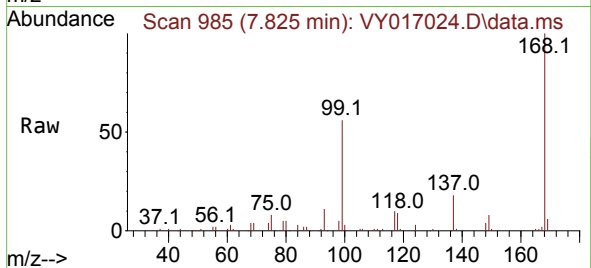
Quant Time: Jan 18 00:48:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



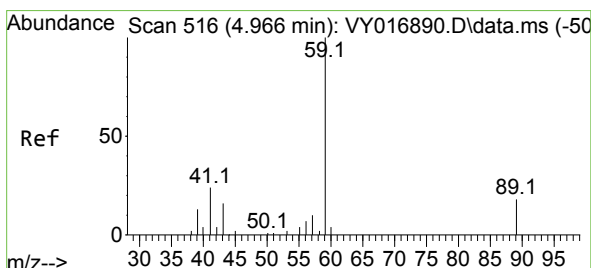
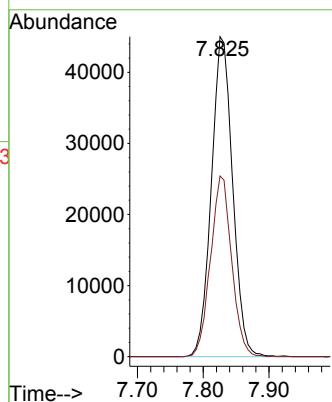
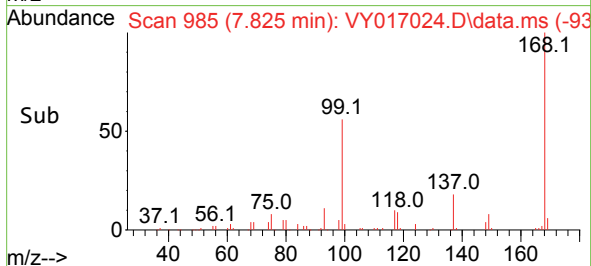


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

Instrument :
MSVOA_Y
ClientSampleId :

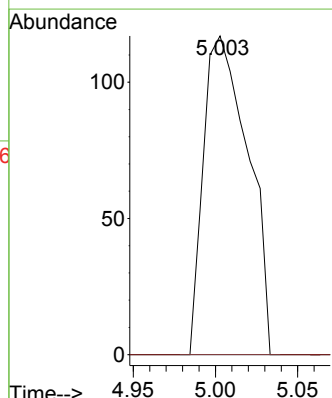
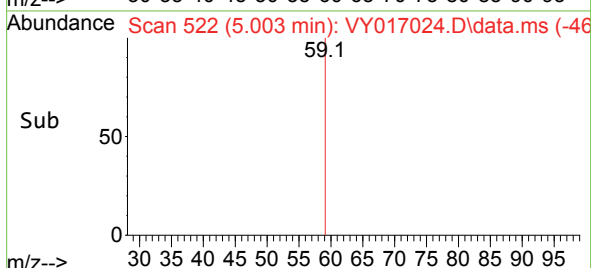
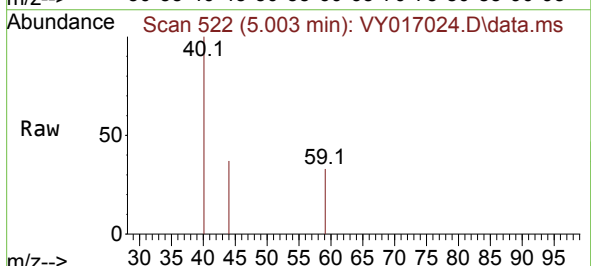


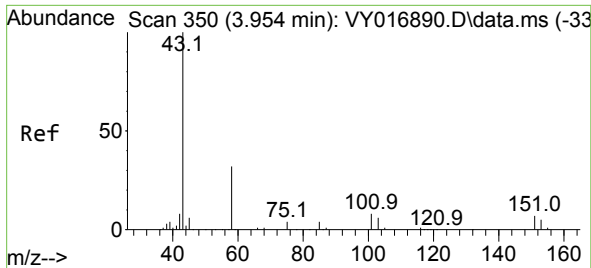
Tgt Ion:168 Resp: 101246
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.003 min Scan# 522
Delta R.T. 0.037 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

Tgt Ion: 59 Resp: 220
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.991 min Scan# 3

Delta R.T. 0.031 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Instrument :

MSVOA_Y

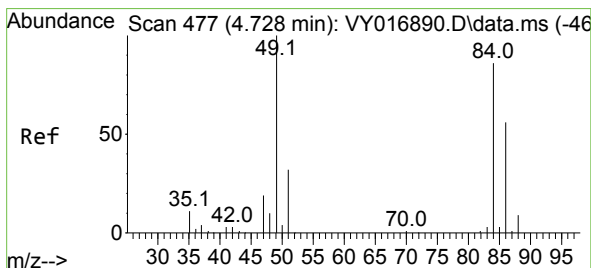
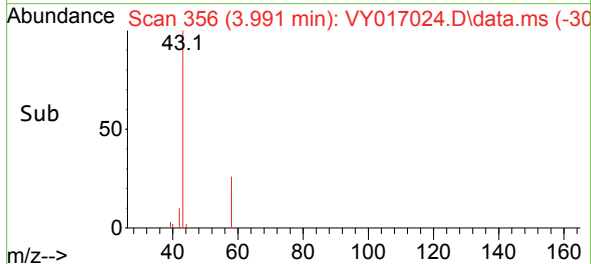
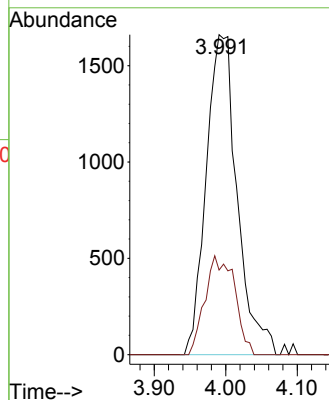
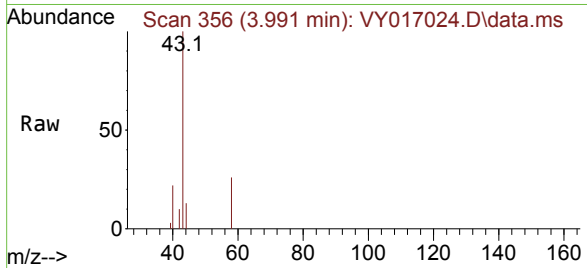
ClientSampleId :

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

43 100

58 26.4 26.6 39.8#



#20

Methylene Chloride

Concen: 9.564 ug/l

RT: 4.765 min Scan# 483

Delta R.T. 0.031 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Tgt Ion: 84 Resp: 20142

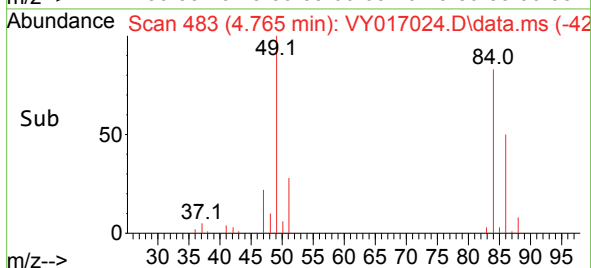
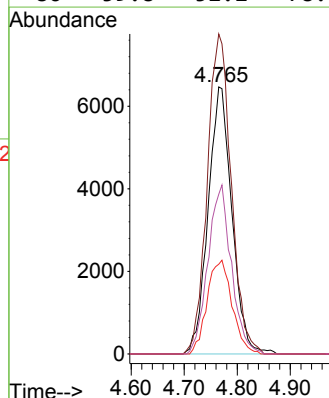
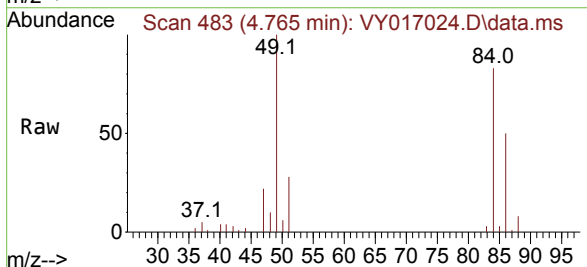
Ion Ratio Lower Upper

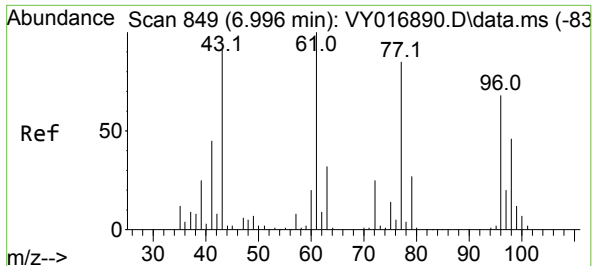
84 100

49 119.8 95.2 142.8

51 33.6 29.9 44.9

86 59.8 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.033 min Scan# 81

Delta R.T. 0.037 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Instrument :

MSVOA_Y

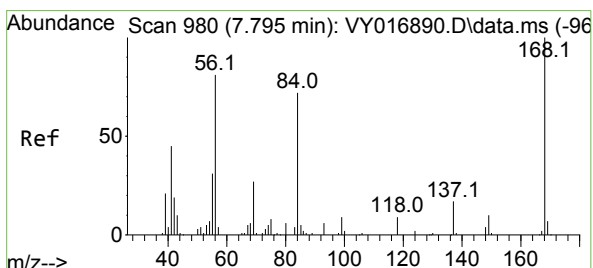
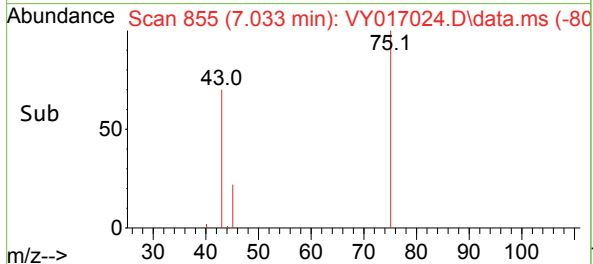
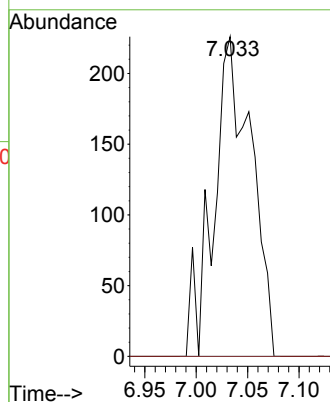
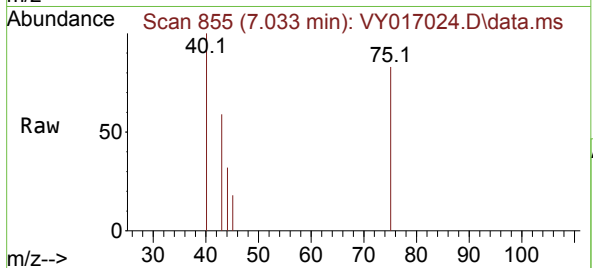
ClientSampleId :

Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 7.832 min Scan# 986

Delta R.T. 0.031 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

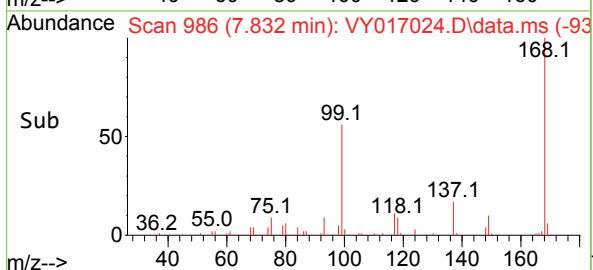
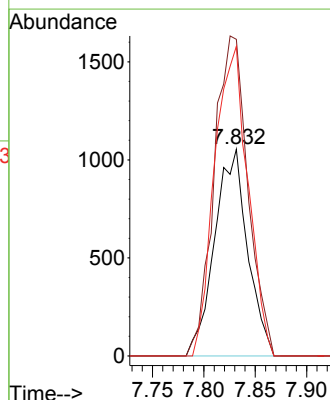
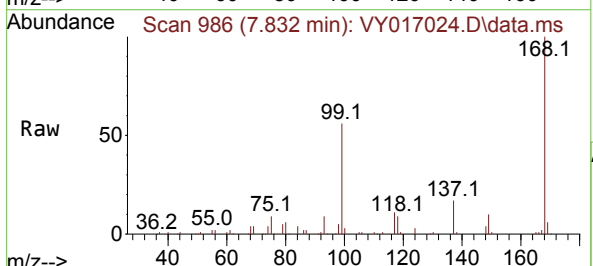
Tgt Ion: 56 Resp: 2347

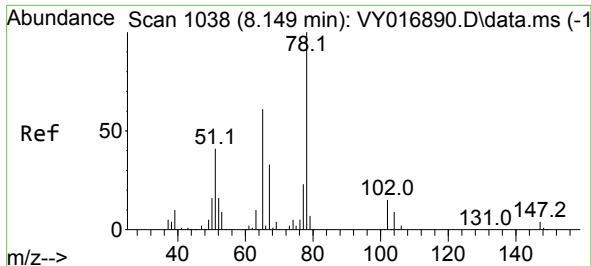
Ion Ratio Lower Upper

56 100

69 153.2 27.0 40.6#

84 149.8 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.963 ug/l

RT: 8.179 min Scan# 110

Delta R.T. 0.024 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Instrument :

MSVOA_Y

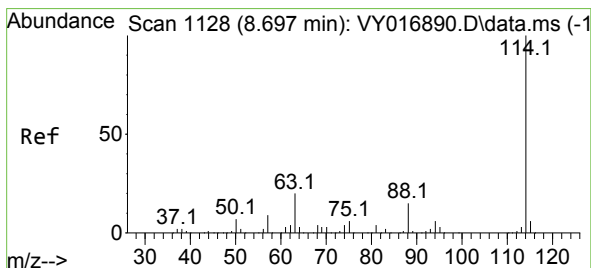
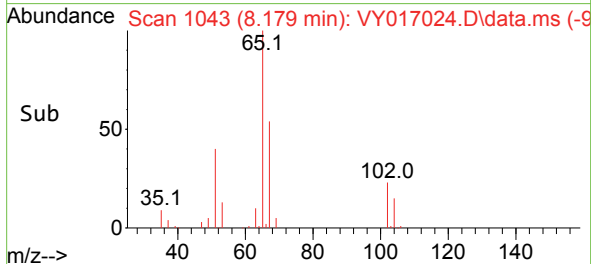
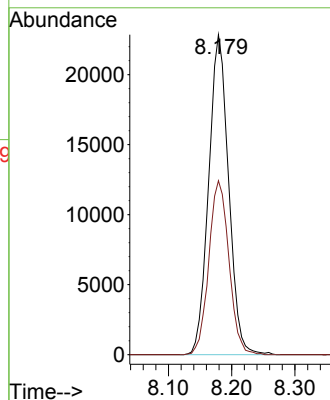
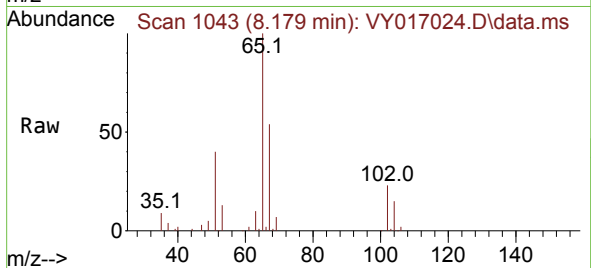
ClientSampleId :

Tgt Ion: 65 Resp: 49997

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

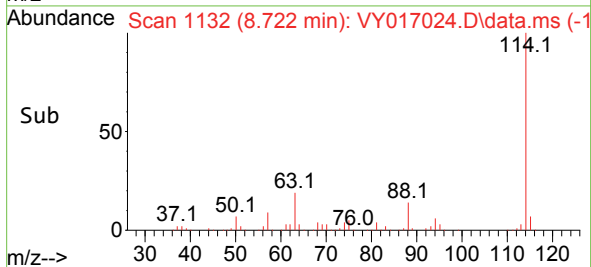
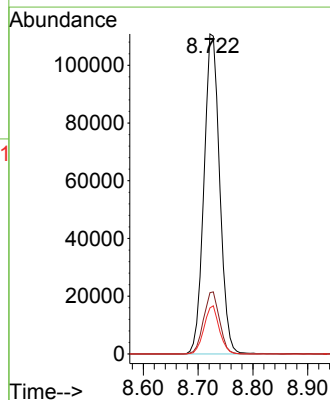
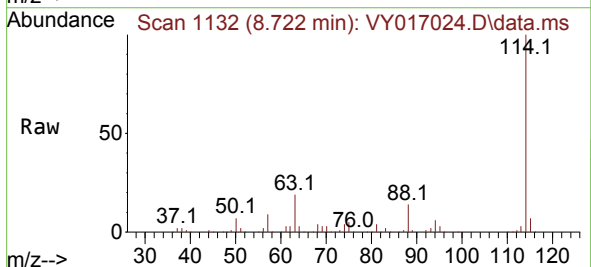
Tgt Ion: 114 Resp: 220327

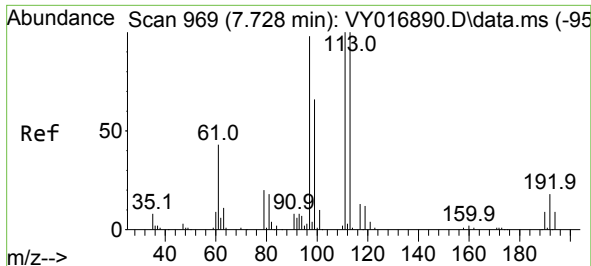
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

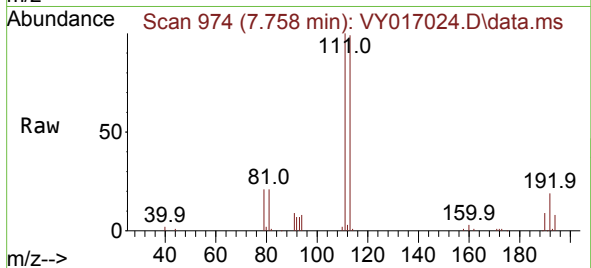
88 14.4 0.0 29.0



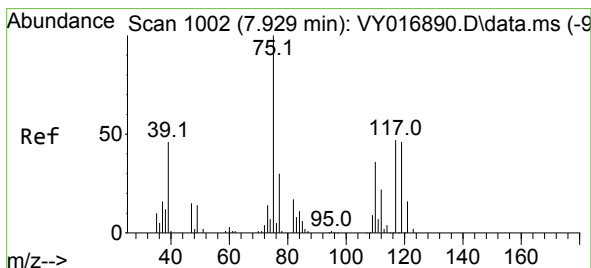
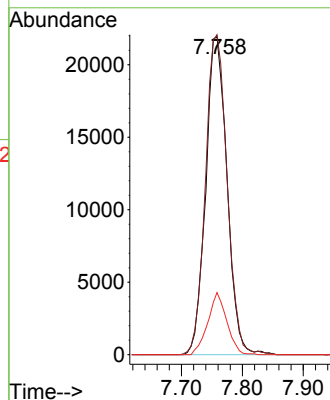
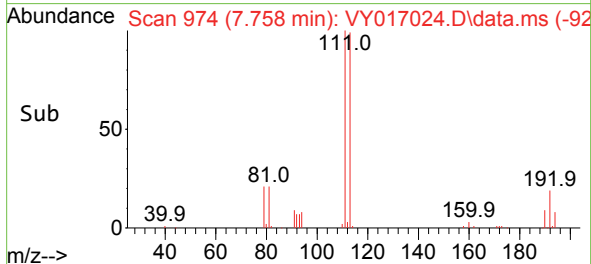


#35
Dibromofluoromethane
Concen: 37.934 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

Instrument :
MSVOA_Y
ClientSampleId :

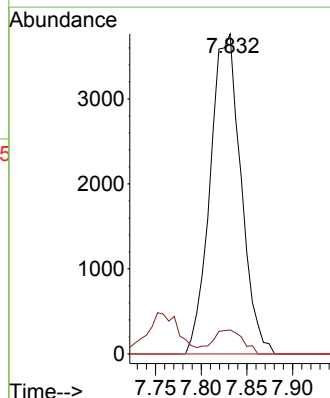
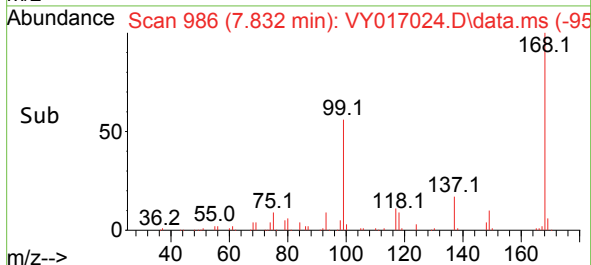
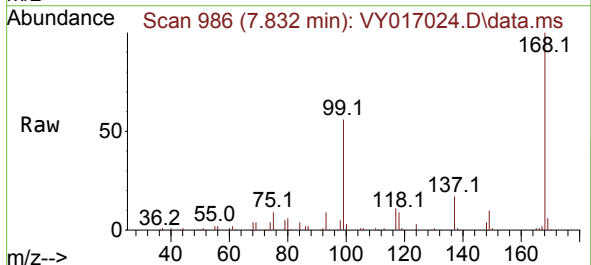


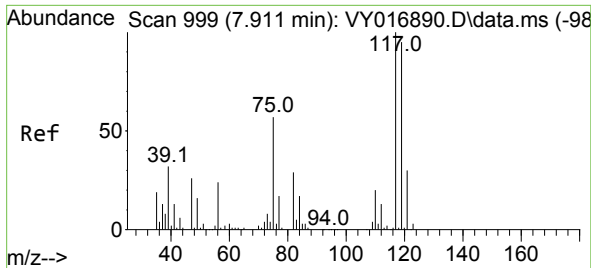
Tgt Ion:113 Resp: 53259
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 7.832 min Scan# 986
Delta R.T. -0.097 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

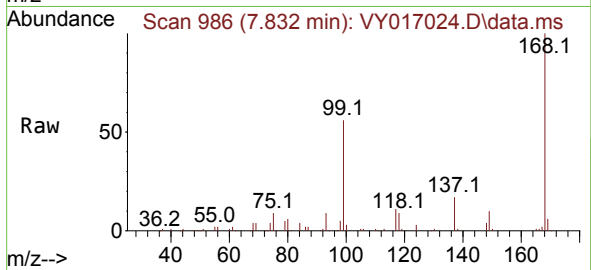
Tgt Ion: 75 Resp: 8794
Ion Ratio Lower Upper
75 100
110 7.5 17.4 52.3#
77 0.0 24.7 37.1#



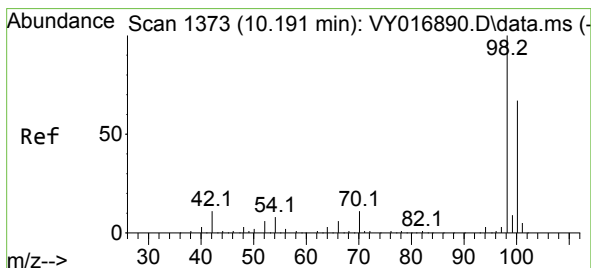
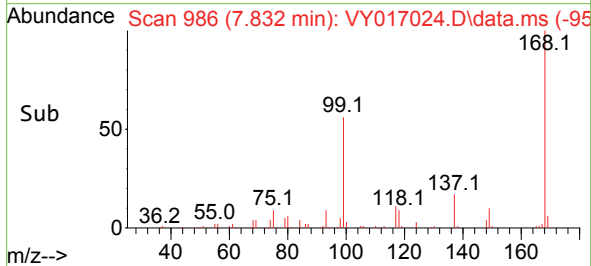
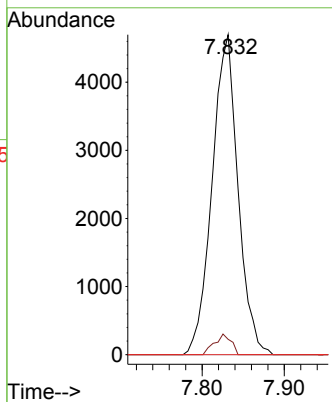


#38
Carbon Tetrachloride
Concen: 4.952 ug/l
RT: 7.832 min Scan# 91
Delta R.T. -0.085 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

Instrument :
MSVOA_Y
ClientSampleId :

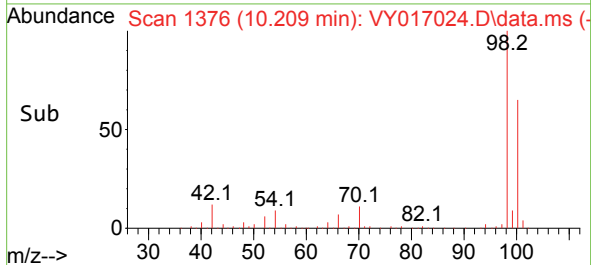
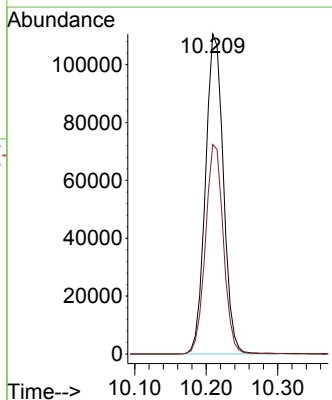
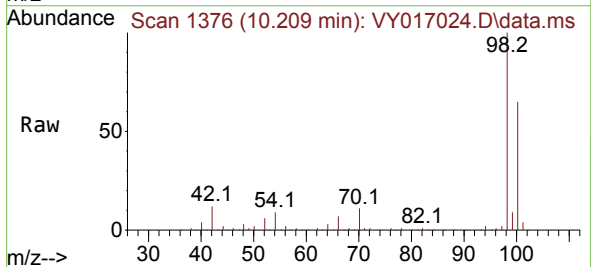


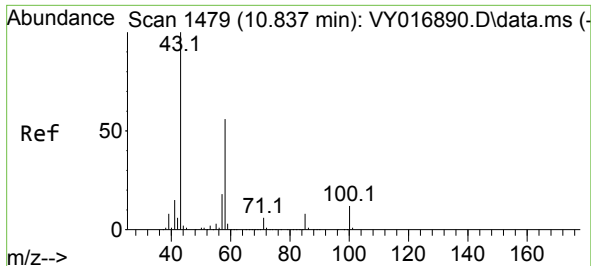
Tgt Ion:117 Resp: 10295
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.800 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

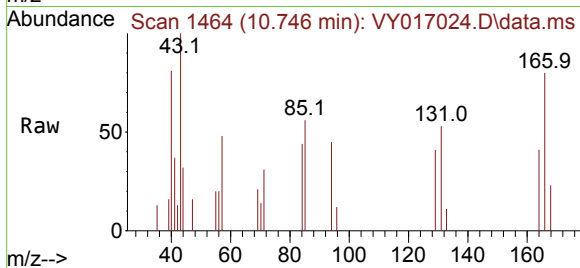
Tgt Ion: 98 Resp: 192421
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



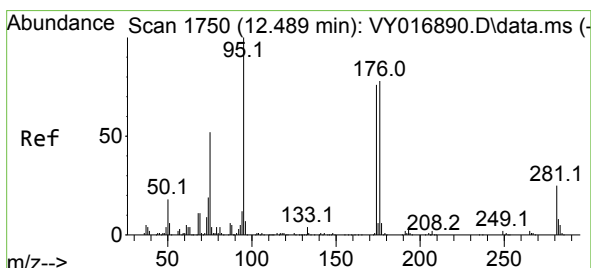
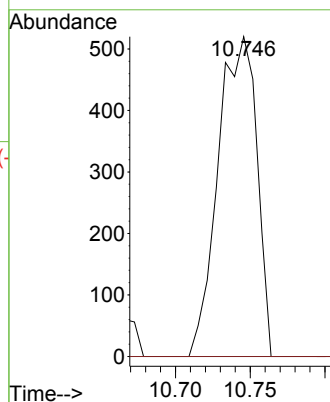
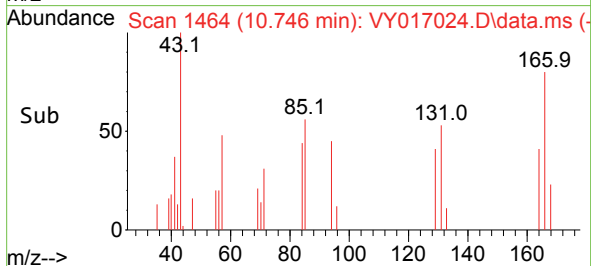


#59
2-Hexanone
Concen: 1.339 ug/l
RT: 10.746 min Scan# 1479
Delta R.T. -0.097 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

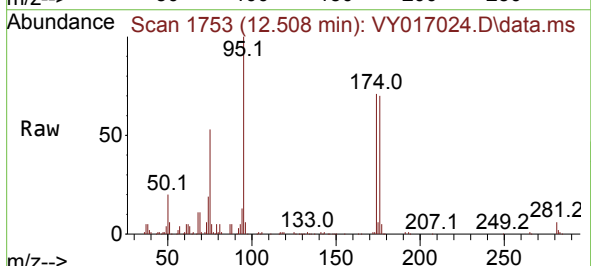
Instrument :
MSVOA_Y
ClientSampleId :



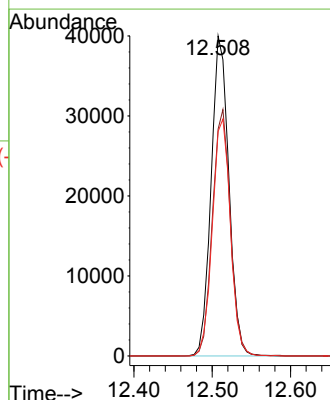
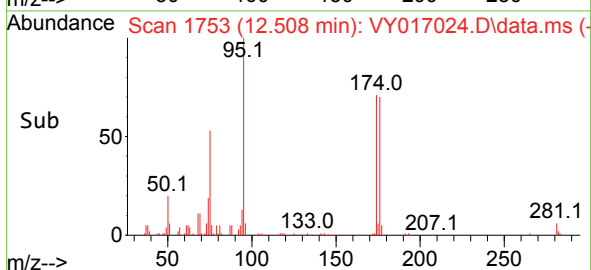
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

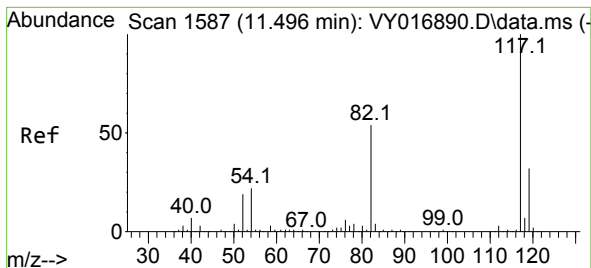


#62
4-Bromofluorobenzene
Concen: 38.534 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25



Tgt Ion: 95 Resp: 62856
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 75.5 0.0 151.8

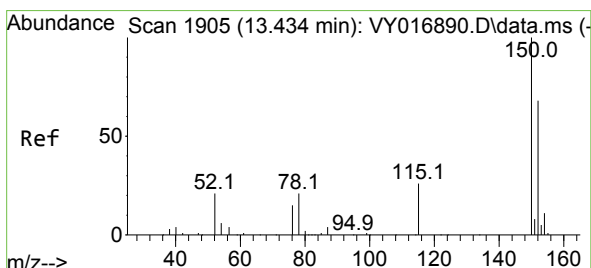
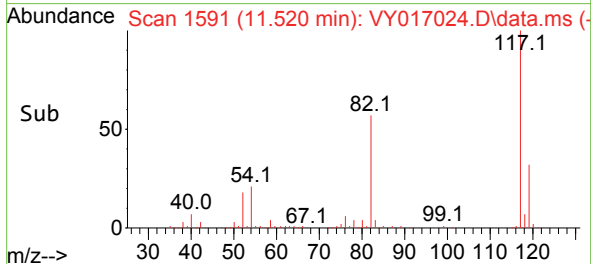
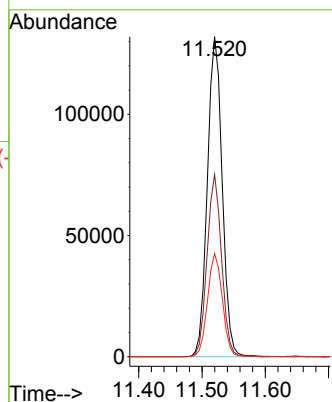
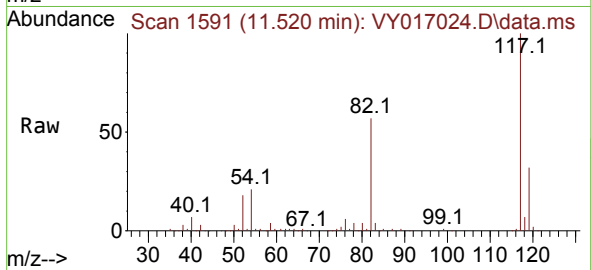




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

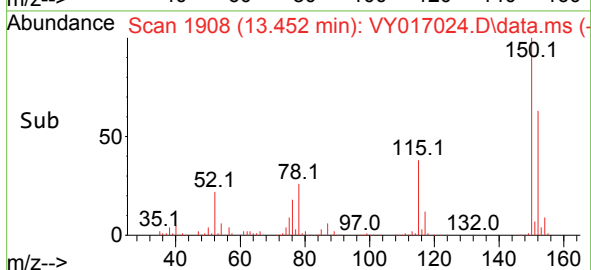
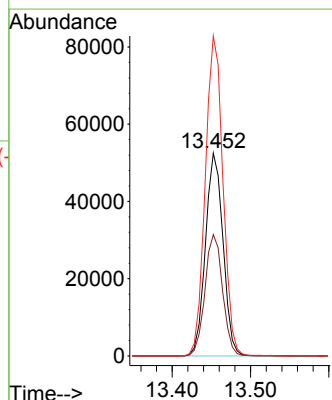
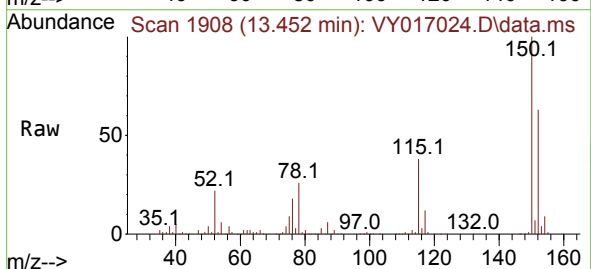
Instrument :
MSVOA_Y
ClientSampleId :

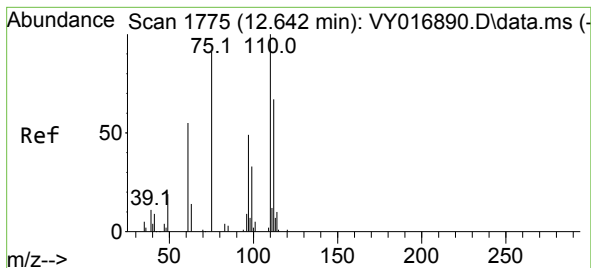
Tgt Ion:117 Resp: 215462
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY017024.D
Acq: 17 Jan 2024 20:25

Tgt Ion:152 Resp: 81629
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 158.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 37.290 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Instrument :

MSVOA_Y

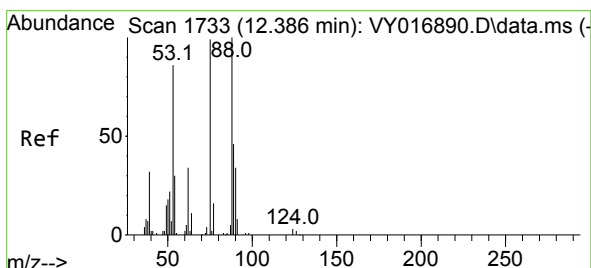
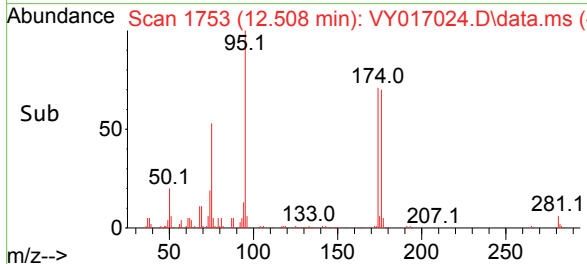
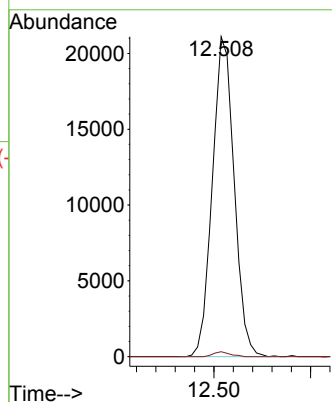
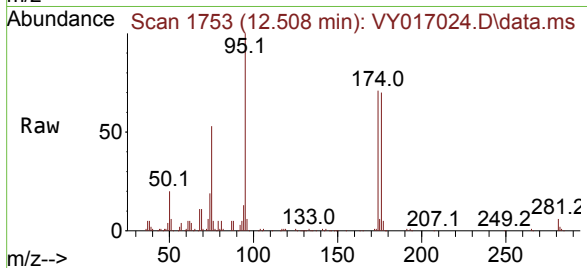
ClientSampleId :

Tgt Ion: 75 Resp: 33032

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.675 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.123 min

Lab File: VY017024.D

Acq: 17 Jan 2024 20:25

Tgt Ion: 75 Resp: 33032

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#

