

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016990.D
 Acq On : 12 Jan 2024 14:11
 Operator : SY/MD
 Sample : P1123-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:05:31 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)

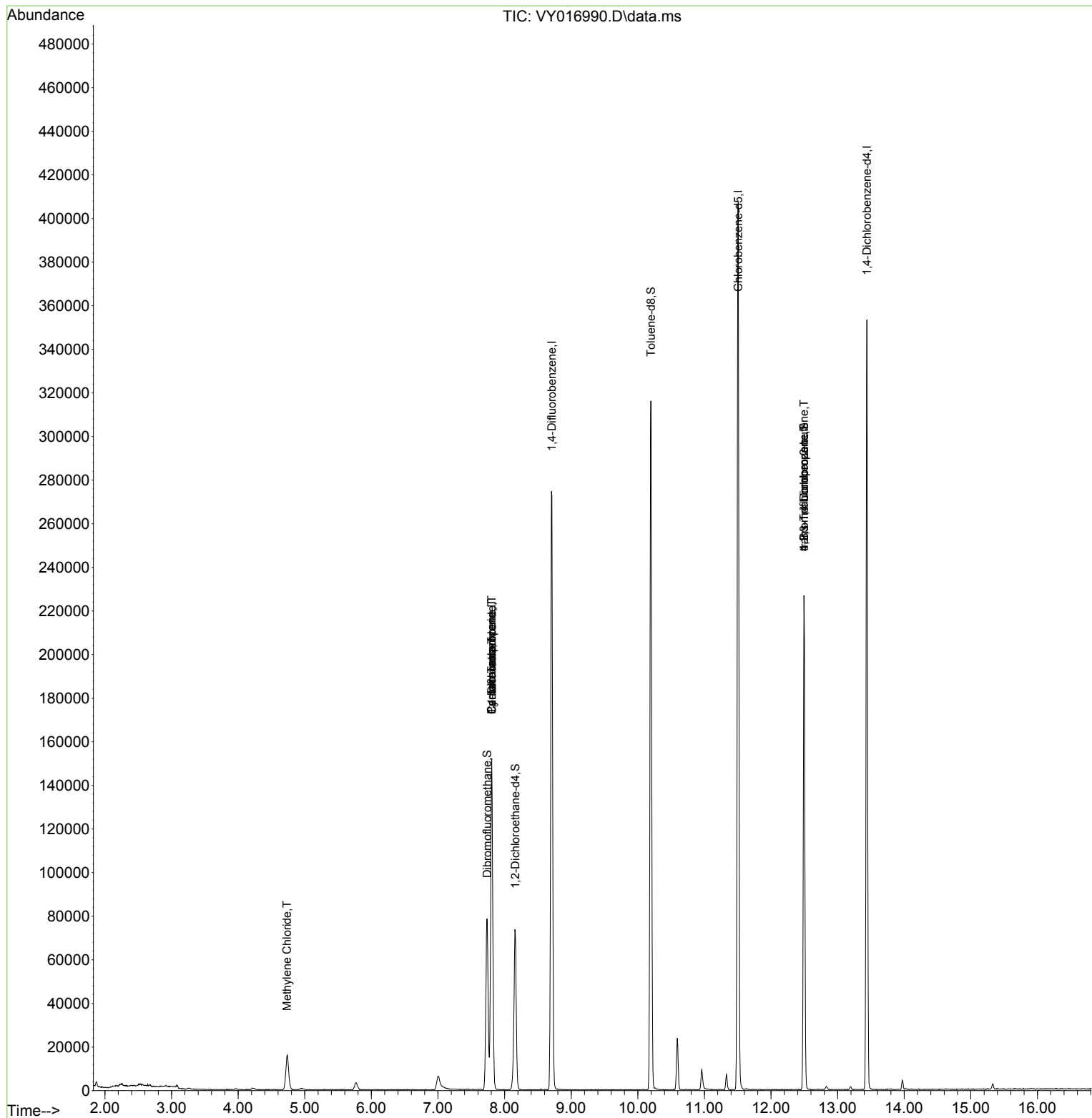
Internal Standards						
1) Pentafluorobenzene	7.807	168	112407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	237740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	231297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	87099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55065	49.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.740	113	57446	37.919	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.840%
50) Toluene-d8	10.197	98	207439	39.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.520%
62) 4-Bromofluorobenzene	12.495	95	65754	37.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	835	Below Cal	#	75
16) Acetone	3.960	43	811	Below Cal	#	74
20) Methylene Chloride	4.734	84	11498	1.166	ug/l	93
25) 2-Butanone	7.002	43	462	Below Cal	#	48
31) Cyclohexane	7.807	56	2368	1.242	ug/l	# 1
36) 1,1-Dichloropropene	7.807	75	9772	4.426	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	11585	5.165	ug/l	# 17
76) 1,2,3-Trichloropropane	12.495	75	35509	37.568	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	35509	85.308	ug/l	# 12

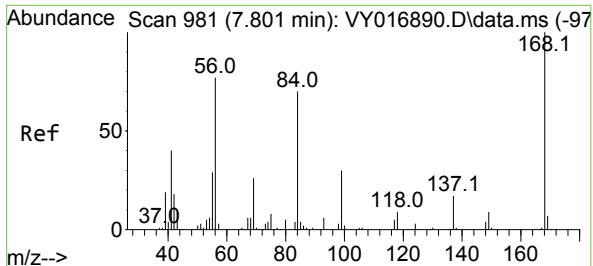
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

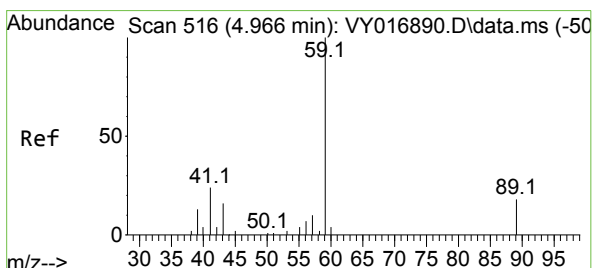
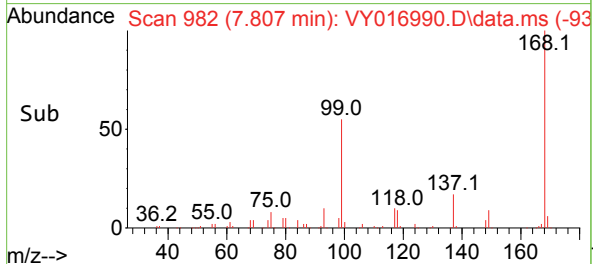
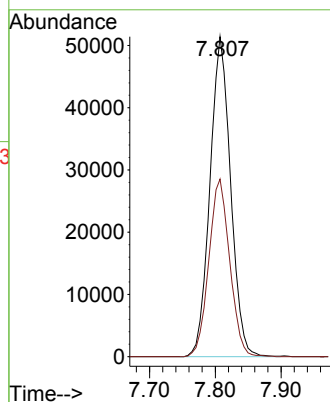
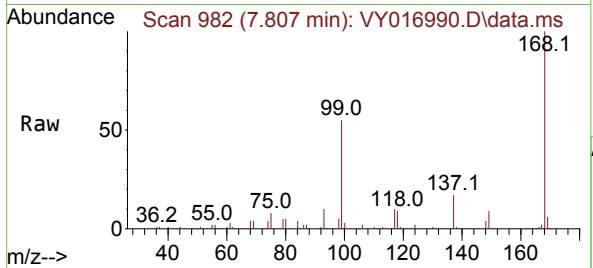




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

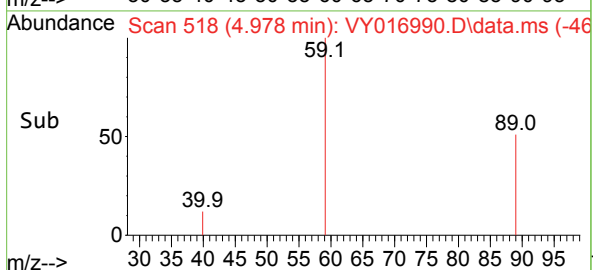
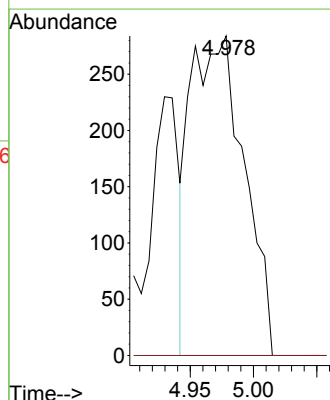
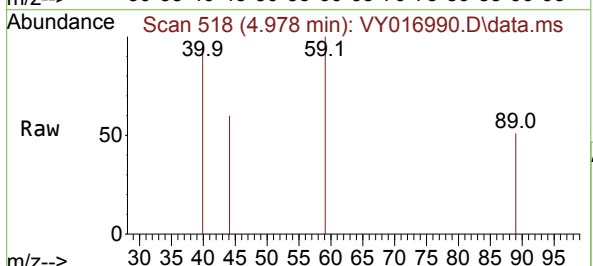
Instrument :
MSVOA_Y
ClientSampleId :

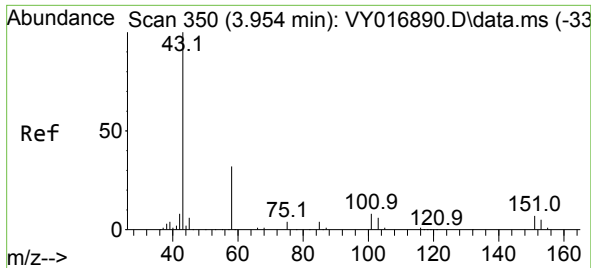
Tgt Ion:168 Resp: 112407
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

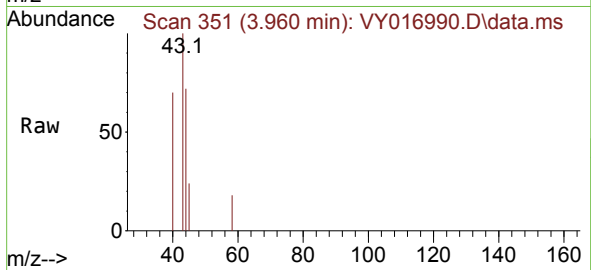
Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



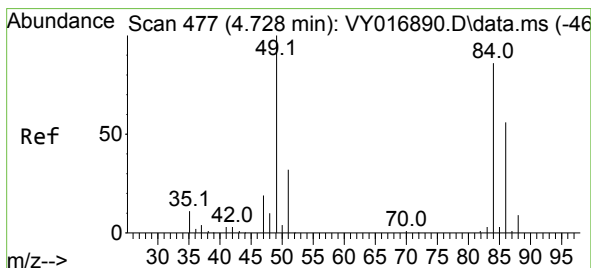
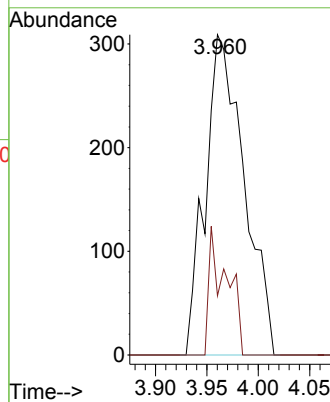
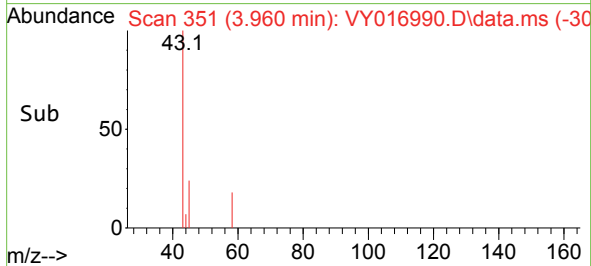


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Instrument :
MSVOA_Y
ClientSampleId :

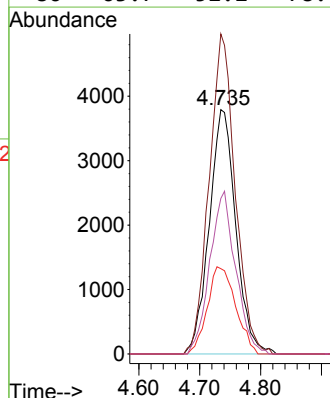
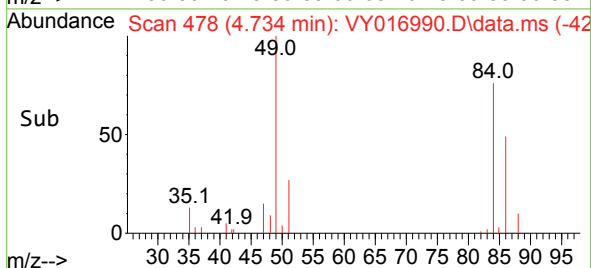
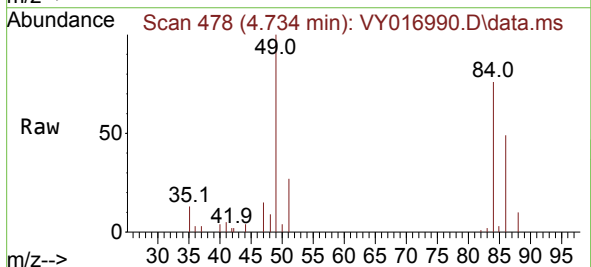


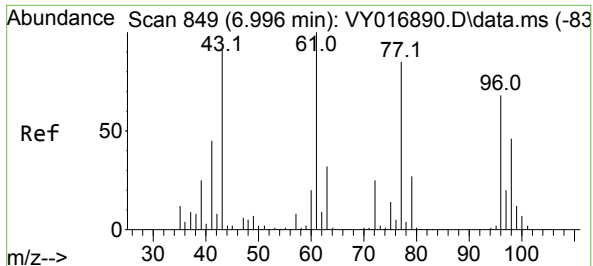
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 18.4 26.6 39.8#



#20
Methylene Chloride
Concen: 1.166 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Tgt Ion: 84 Resp: 11498
Ion Ratio Lower Upper
84 100
49 131.0 95.2 142.8
51 34.9 29.9 44.9
86 63.7 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

Instrument :

MSVOA_Y

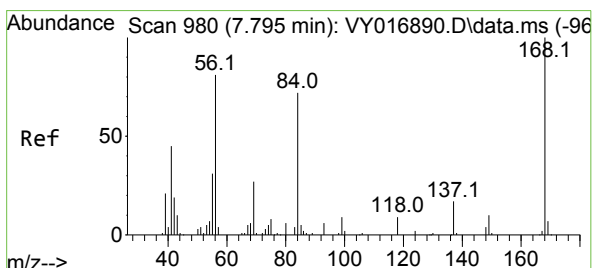
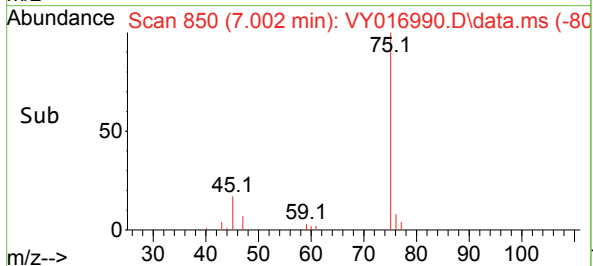
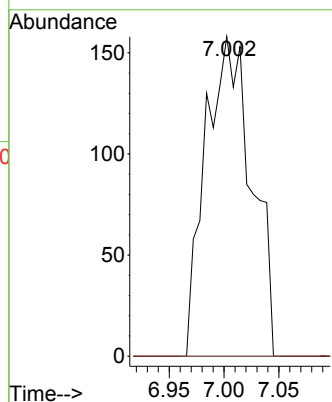
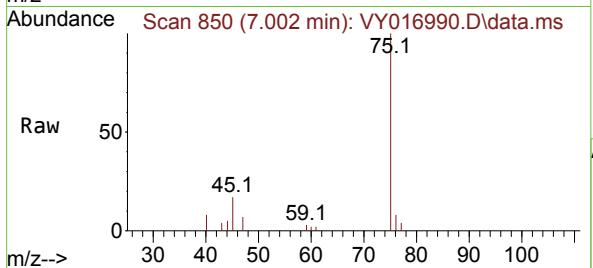
ClientSampleId :

Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

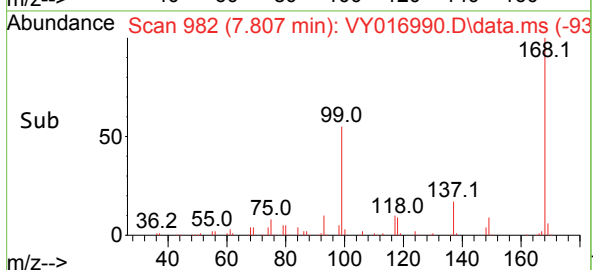
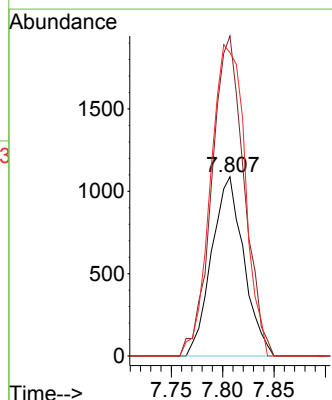
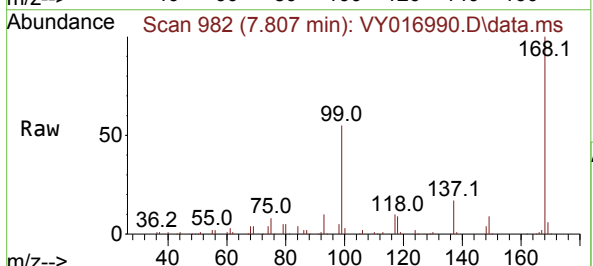
Tgt Ion: 56 Resp: 2368

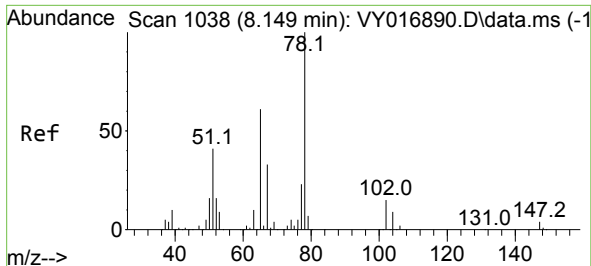
Ion Ratio Lower Upper

56 100

69 178.6 27.0 40.6#

84 169.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.564 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

Instrument :

MSVOA_Y

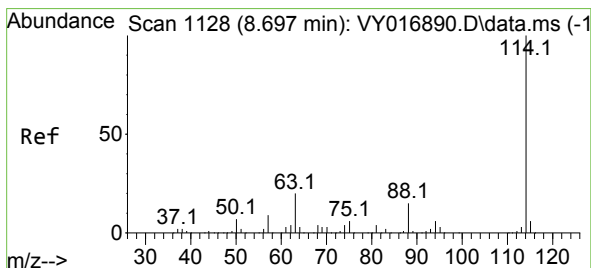
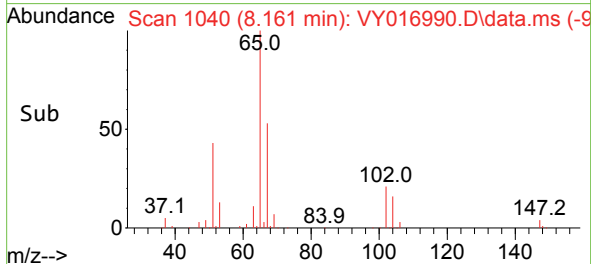
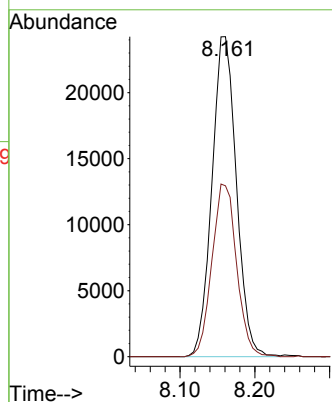
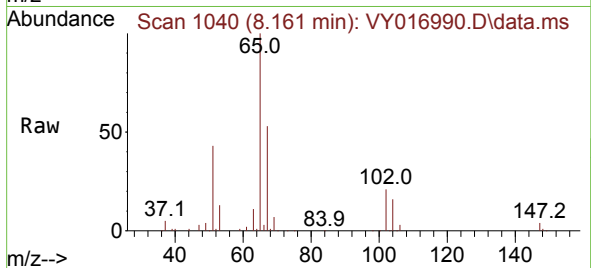
ClientSampleId :

Tgt Ion: 65 Resp: 55065

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

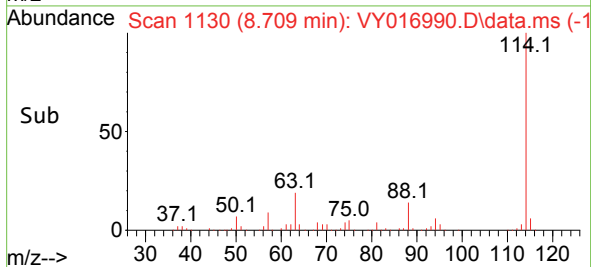
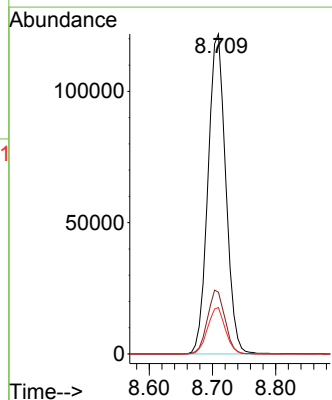
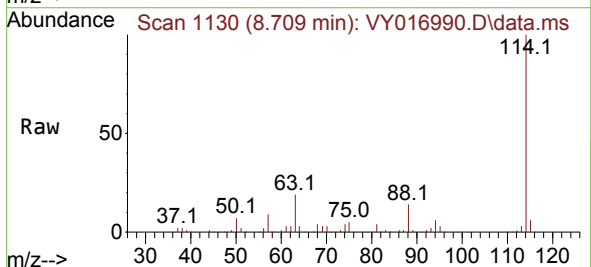
Tgt Ion: 114 Resp: 237740

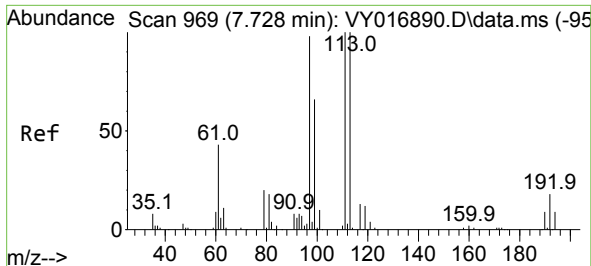
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 37.919 ug/l

RT: 7.740 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

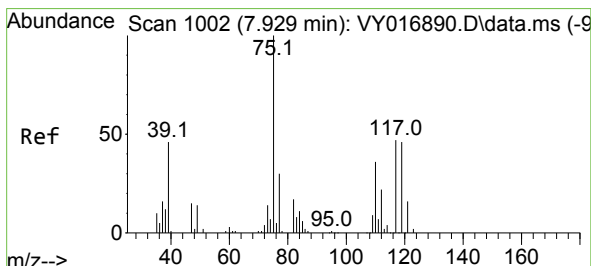
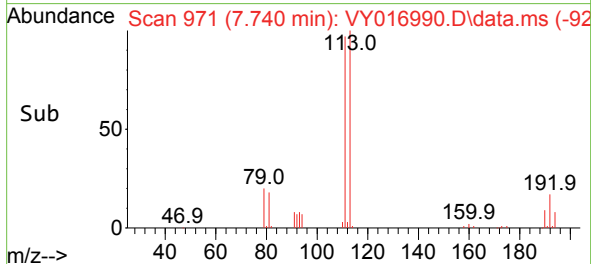
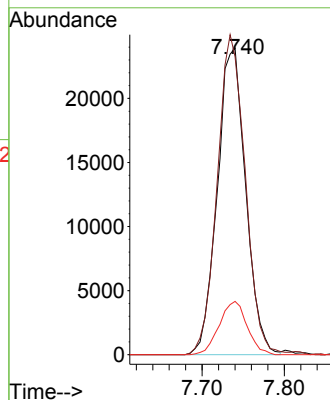
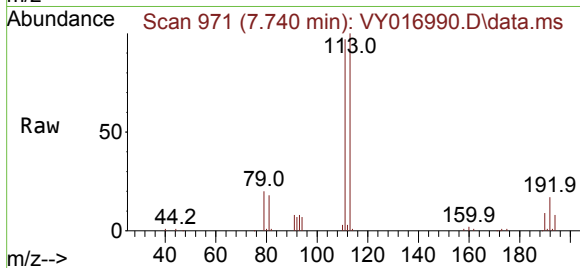
Tgt Ion:113 Resp: 57446

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.1 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

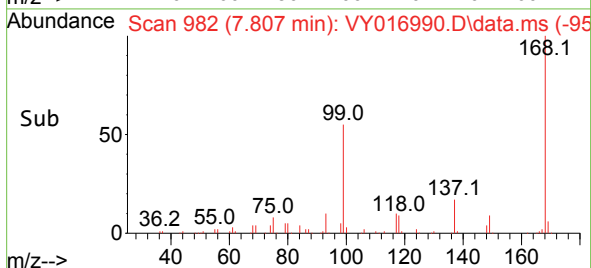
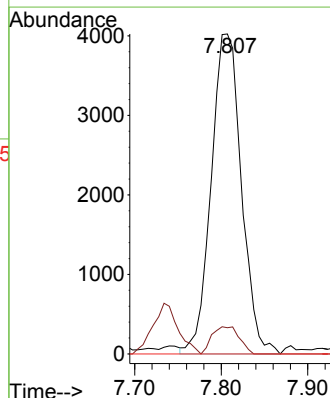
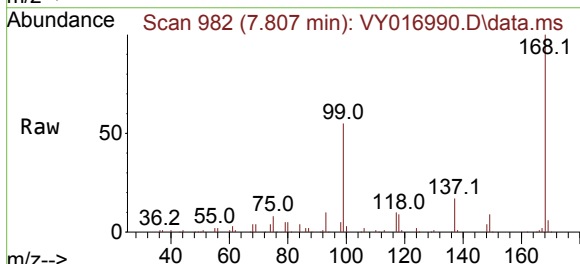
Tgt Ion: 75 Resp: 9772

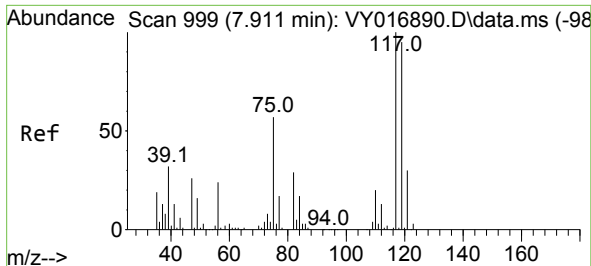
Ion Ratio Lower Upper

75 100

110 7.7 17.4 52.3#

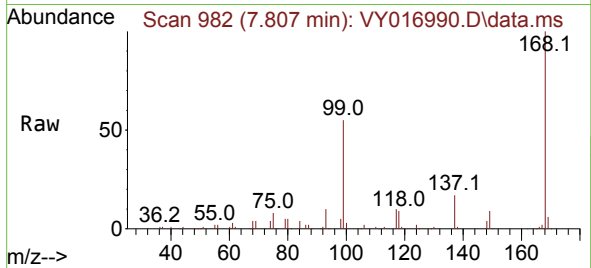
77 0.0 24.7 37.1#



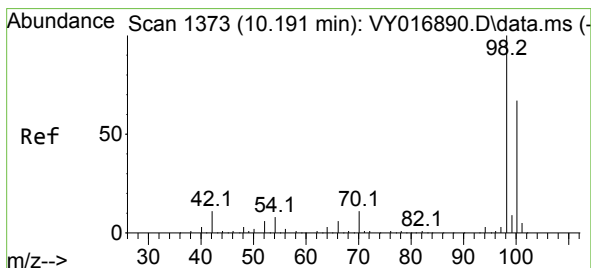
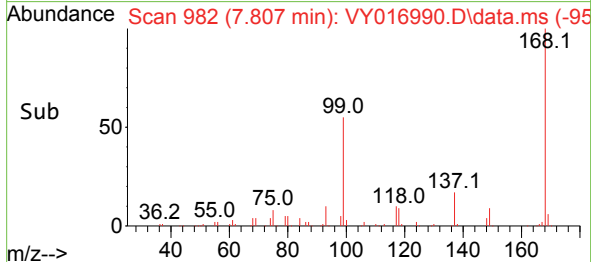
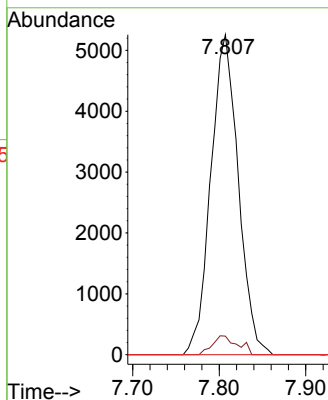


#38
Carbon Tetrachloride
Concen: 5.165 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Instrument :
MSVOA_Y
ClientSampleId :

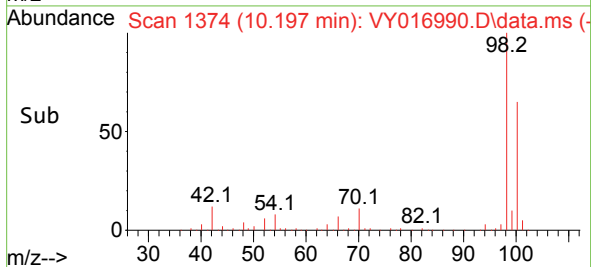
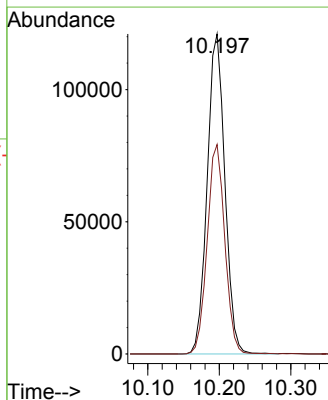
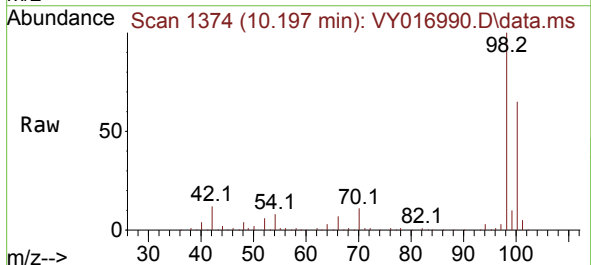


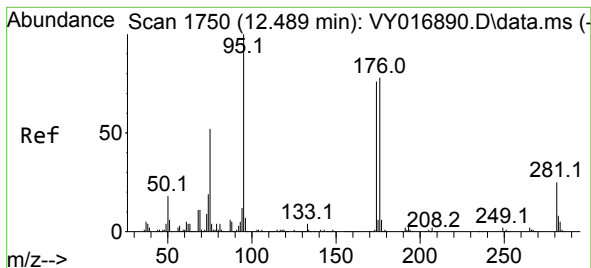
Tgt Ion:117 Resp: 11585
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.764 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Tgt Ion: 98 Resp: 207439
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

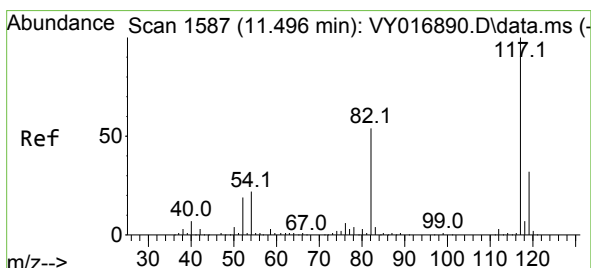
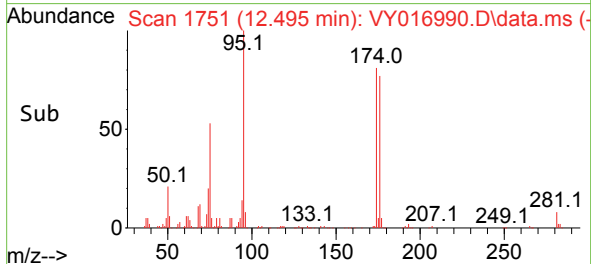
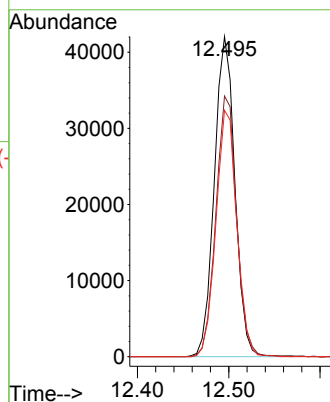
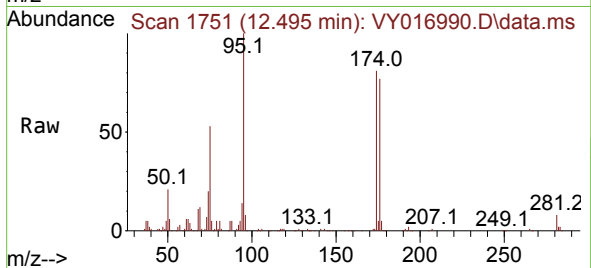




#62
4-Bromofluorobenzene
Concen: 37.358 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

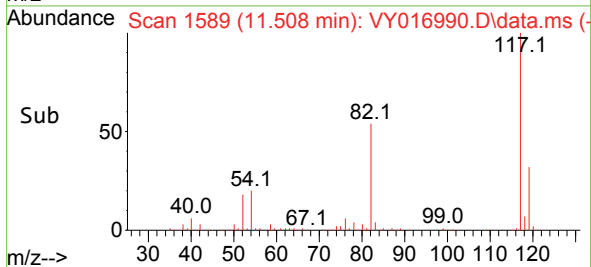
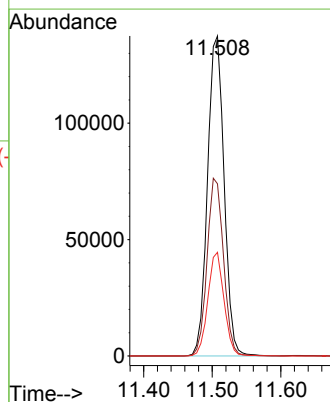
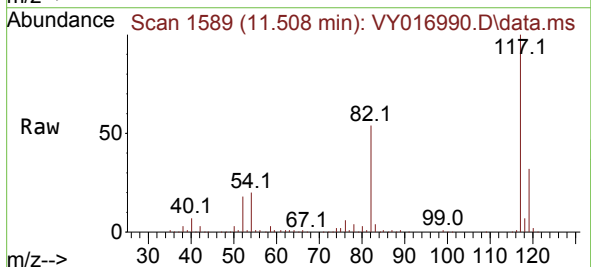
Instrument :
MSVOA_Y
ClientSampleId :

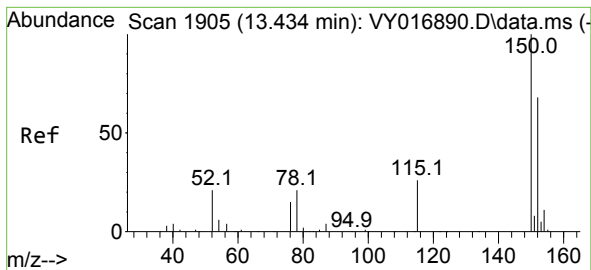
Tgt Ion: 95 Resp: 65754
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.0
176 78.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Tgt Ion: 117 Resp: 231297
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 32.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016990.D

Acq: 12 Jan 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

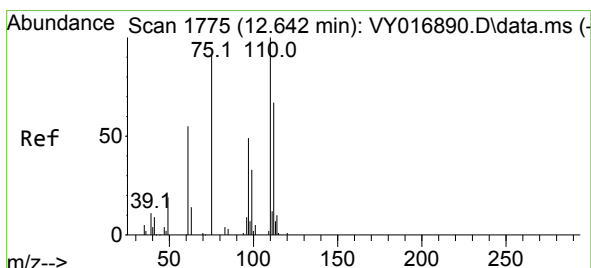
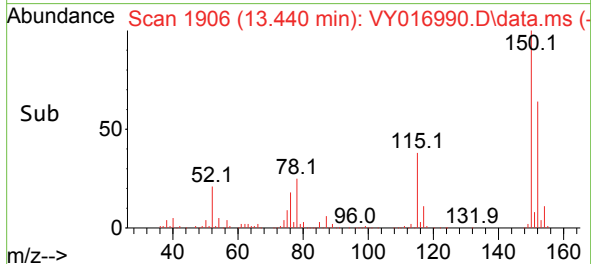
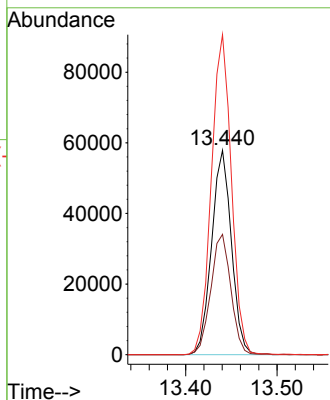
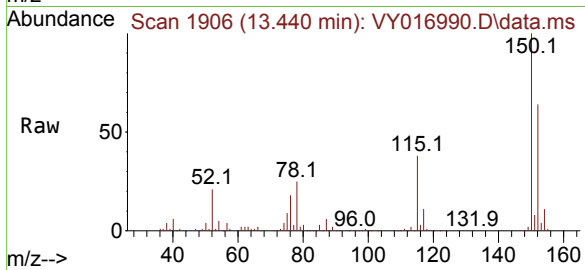
Tgt Ion:152 Resp: 87099

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 158.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.568 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016990.D

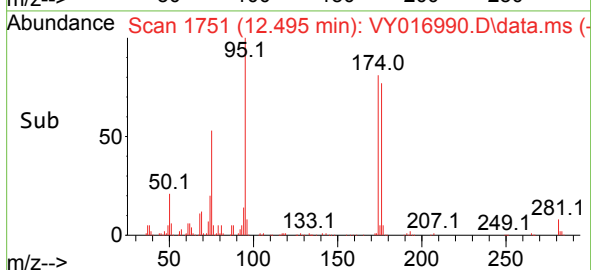
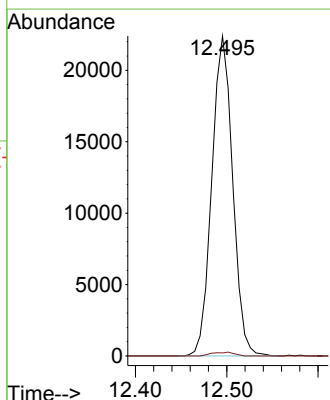
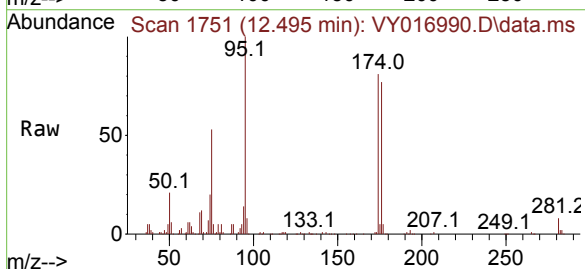
Acq: 12 Jan 2024 14:11

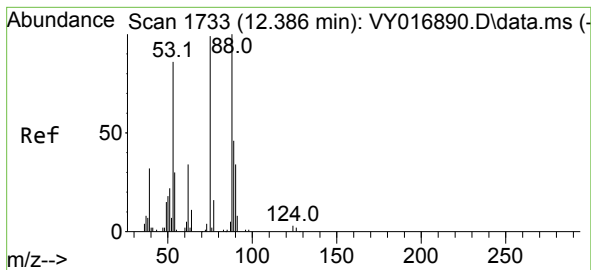
Tgt Ion: 75 Resp: 35509

Ion Ratio Lower Upper

75 100

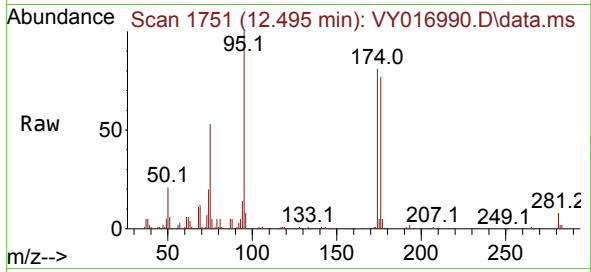
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.308 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016990.D
Acq: 12 Jan 2024 14:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.1	36.5	54.7#

