

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016970.D
 Acq On : 10 Jan 2024 14:03
 Operator : SY/MD
 Sample : P1085-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:12:15 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	7.801	168	93411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	145667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	49753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30905	33.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.940%
35) Dibromofluoromethane	7.728	113	36119	32.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.520%
50) Toluene-d8	10.191	98	151935	39.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.820%
62) 4-Bromofluorobenzene	12.495	95	38881	29.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.780%

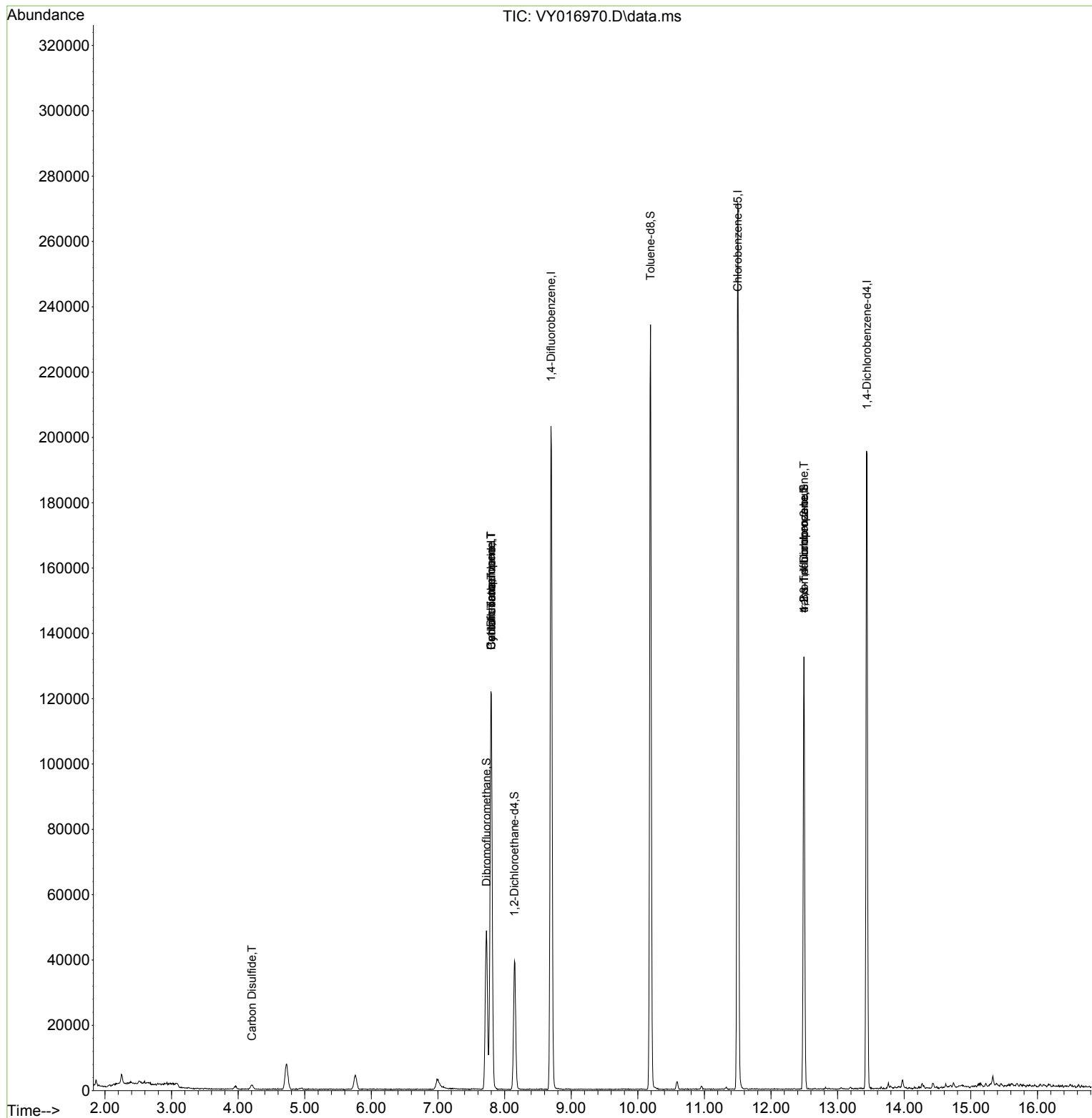
Target Compounds					Qvalue
11) Tert butyl alcohol	4.942	59	74	Below Cal	# 75
16) Acetone	3.960	43	1659	Below Cal	98
17) Carbon Disulfide	4.204	76	2155	1.014 ug/l	# 88
20) Methylene Chloride	4.722	84	6184	Below Cal	# 83
25) 2-Butanone	7.002	43	444	Below Cal	# 82
31) Cyclohexane	7.801	56	2235	1.410 ug/l	# 13
36) 1,1-Dichloropropene	7.795	75	7986	4.895 ug/l	# 49
38) Carbon Tetrachloride	7.801	117	9294	5.607 ug/l	# 17
76) 1,2,3-Trichloropropane	12.495	75	20609	38.171 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	20609	86.677 ug/l	# 12

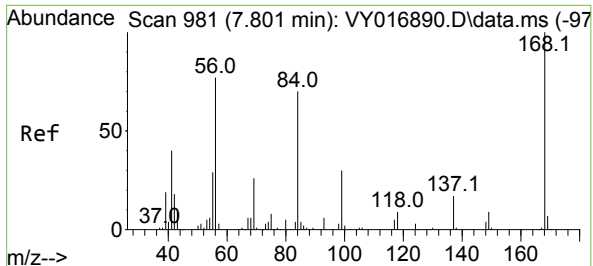
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

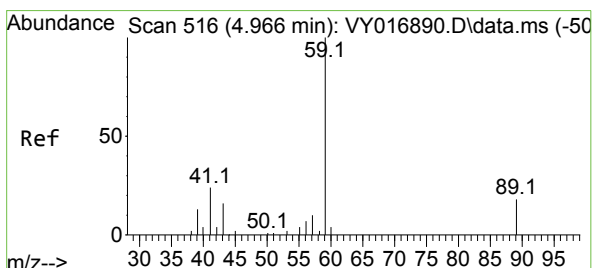
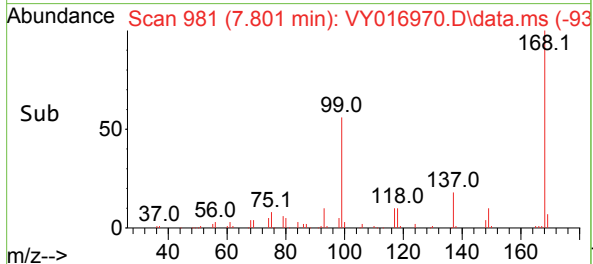
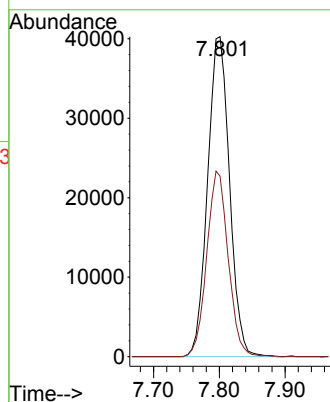
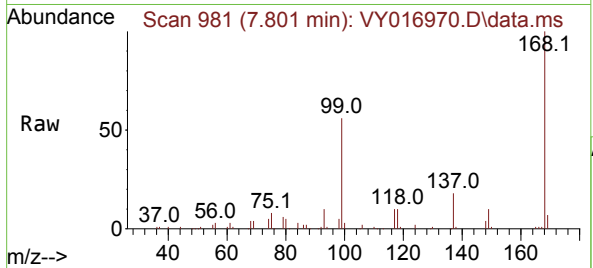




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

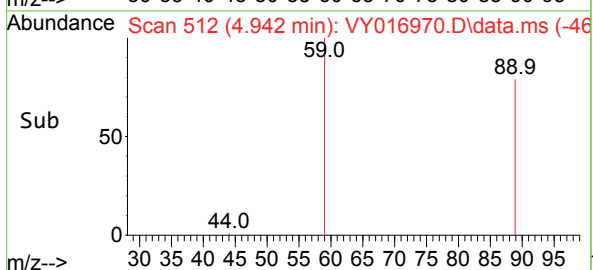
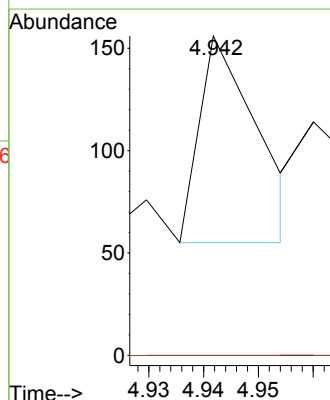
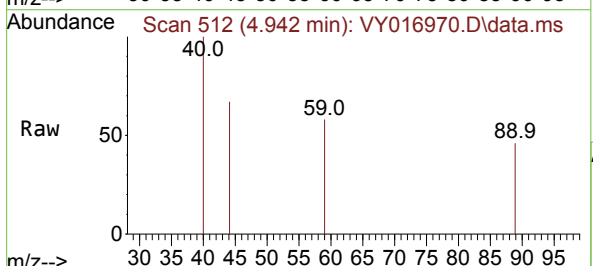
Instrument :
MSVOA_Y
ClientSampleId :

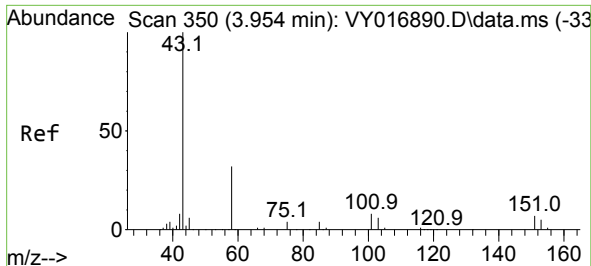
Tgt Ion:168 Resp: 93411
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

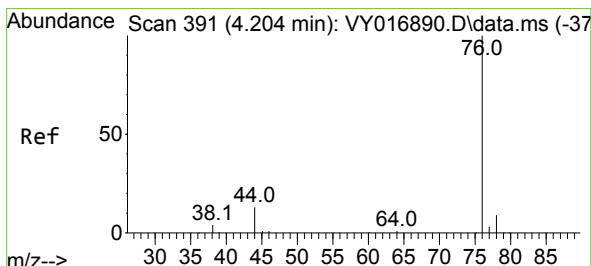
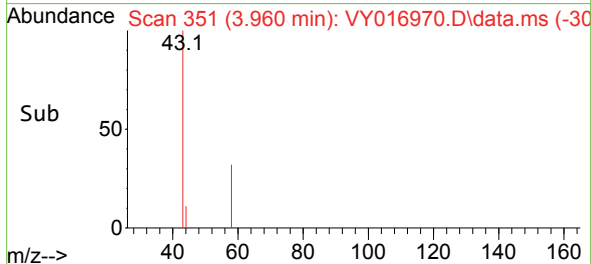
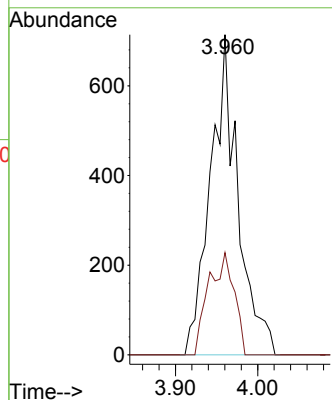
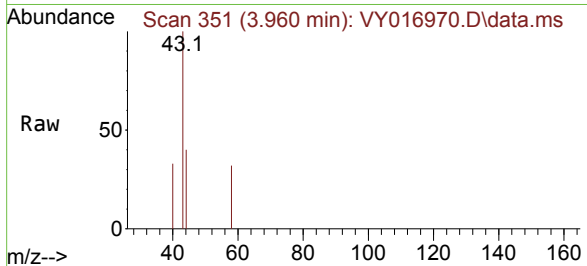




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

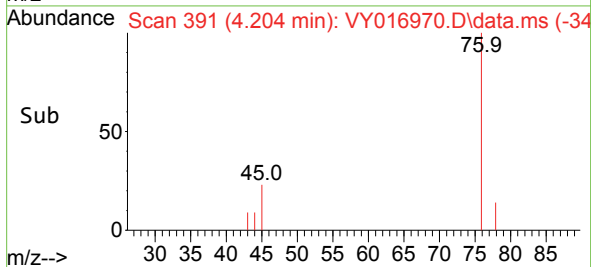
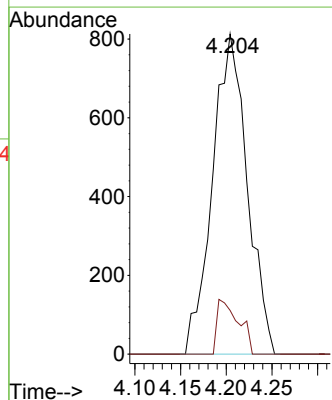
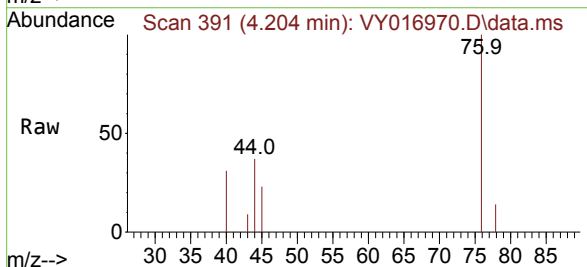
Instrument :
MSVOA_Y
ClientSampleId :

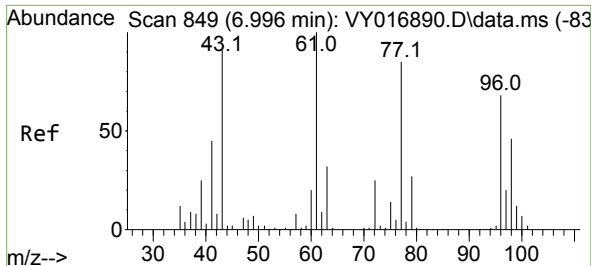
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 31.9 26.6 39.8



#17
Carbon Disulfide
Concen: 1.014 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

Tgt Ion: 76 Resp: 2155
Ion Ratio Lower Upper
76 100
78 13.7 7.4 11.0#





#25

2-Butanone

Concen: Below Cal

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016970.D

Acq: 10 Jan 2024 14:03

Instrument :

MSVOA_Y

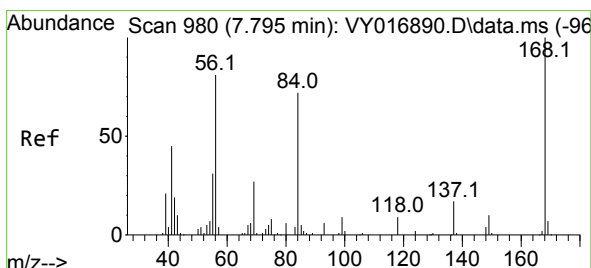
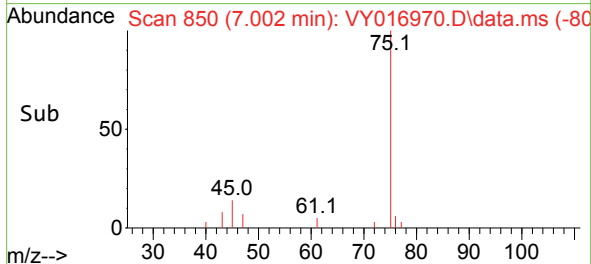
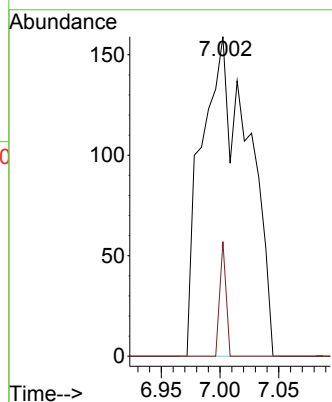
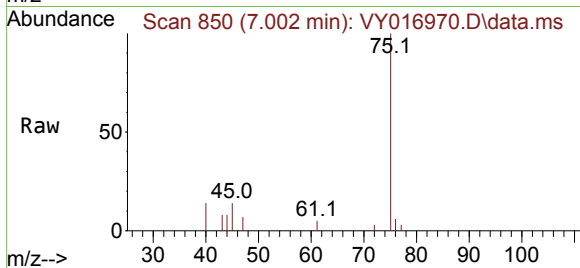
ClientSampleId :

Tgt Ion: 43 Resp: 444

Ion Ratio Lower Upper

43 100

72 35.8 21.4 32.2#



#31

Cyclohexane

Concen: 1.410 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016970.D

Acq: 10 Jan 2024 14:03

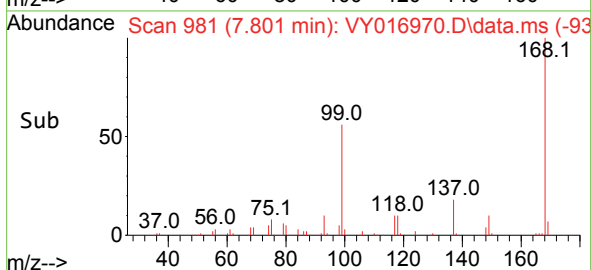
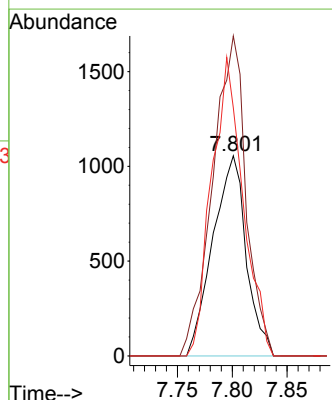
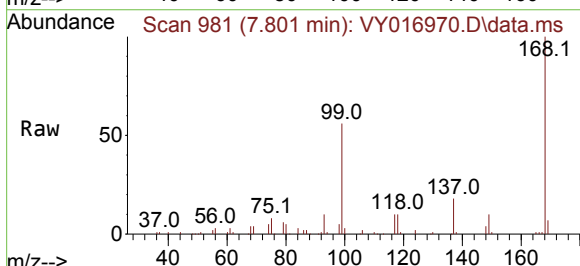
Tgt Ion: 56 Resp: 2235

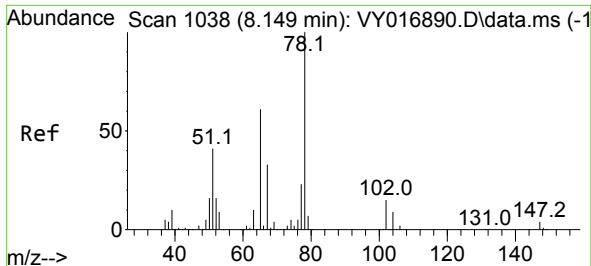
Ion Ratio Lower Upper

56 100

69 159.8 27.0 40.6#

84 124.0 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 33.475 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016970.D

Acq: 10 Jan 2024 14:03

Instrument :

MSVOA_Y

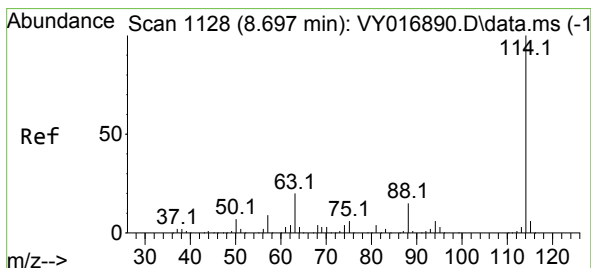
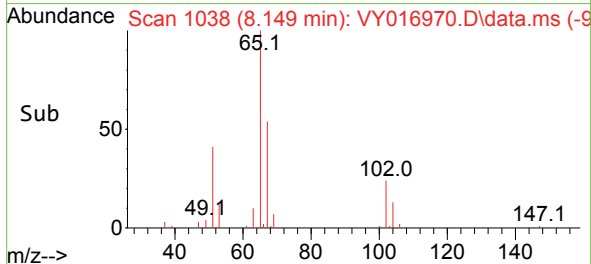
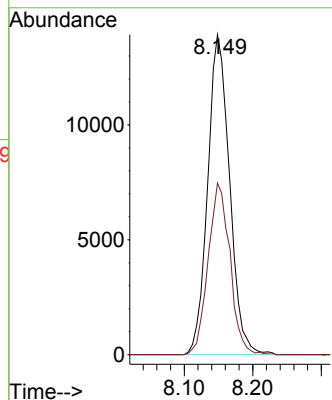
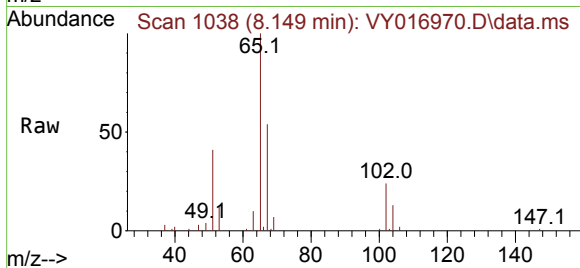
ClientSampleId :

Tgt Ion: 65 Resp: 30905

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016970.D

Acq: 10 Jan 2024 14:03

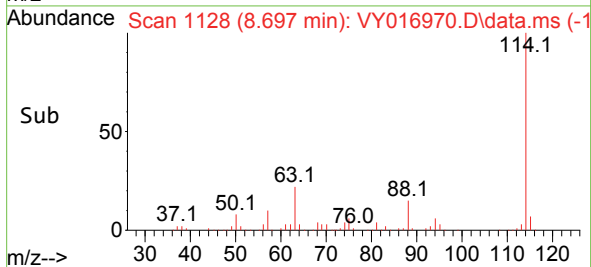
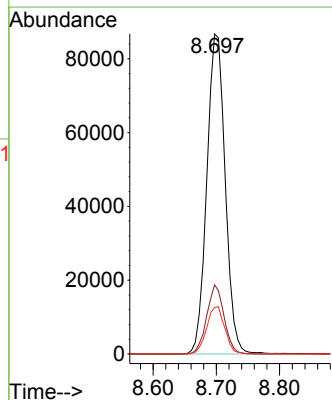
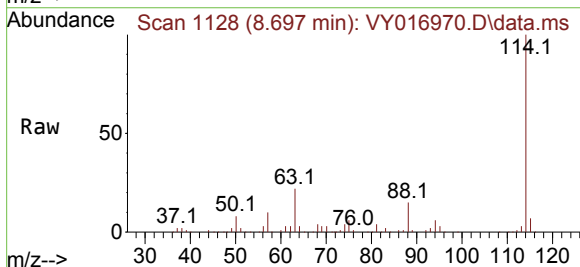
Tgt Ion: 114 Resp: 175689

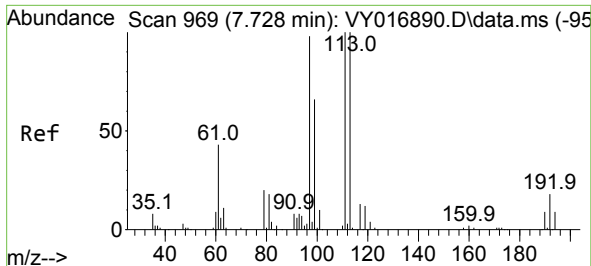
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

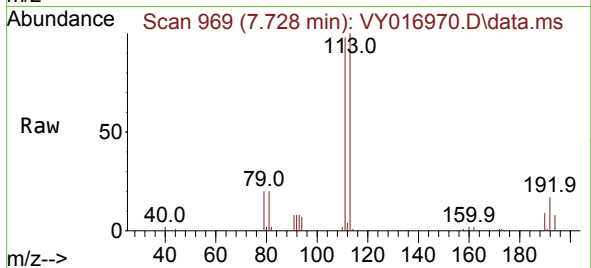
88 14.5 0.0 29.0



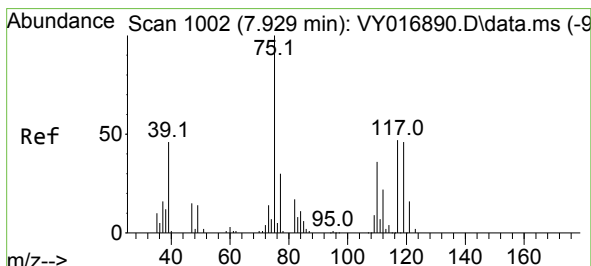
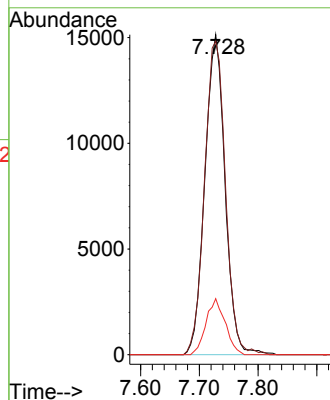
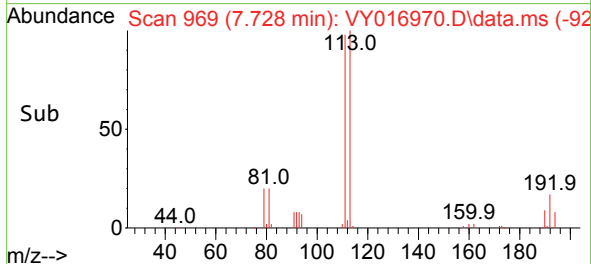


#35
 Dibromofluoromethane
 Concen: 32.262 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY016970.D
 Acq: 10 Jan 2024 14:03

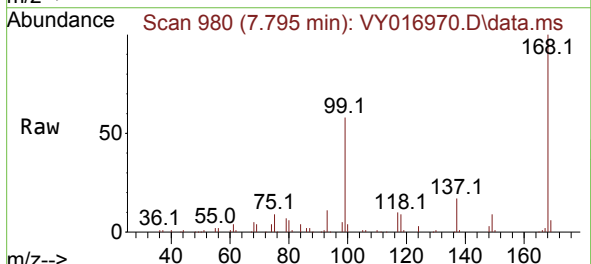
Instrument :
 MSVOA_Y
 ClientSampleId :



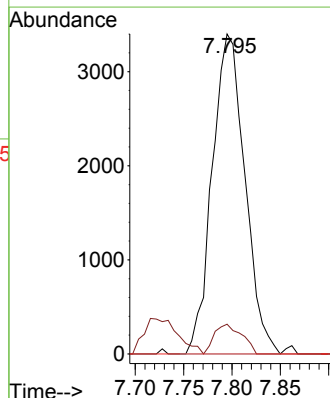
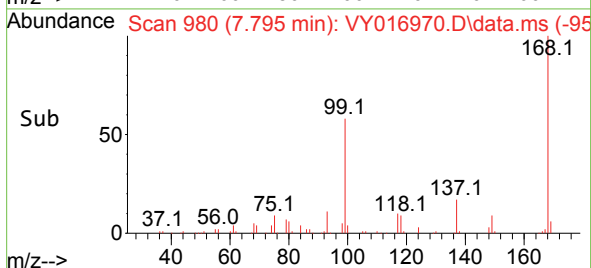
Tgt Ion:113 Resp: 36119
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.8 125.6
 192 16.7 14.5 21.7

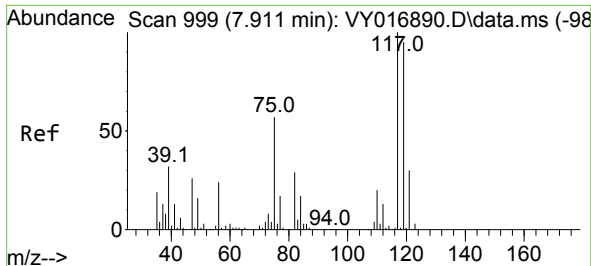


#36
 1,1-Dichloropropene
 Concen: 4.895 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY016970.D
 Acq: 10 Jan 2024 14:03



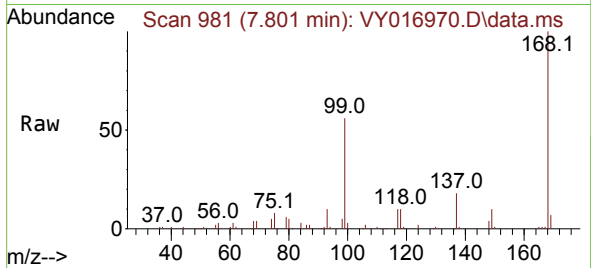
Tgt Ion: 75 Resp: 7986
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.4 52.3#
 77 0.0 24.7 37.1#



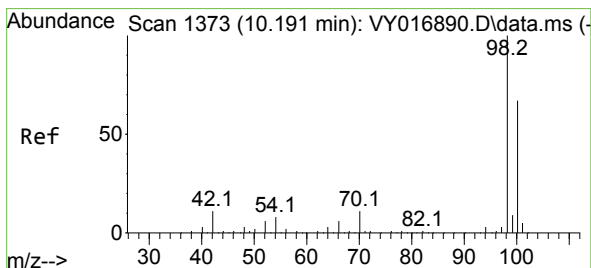
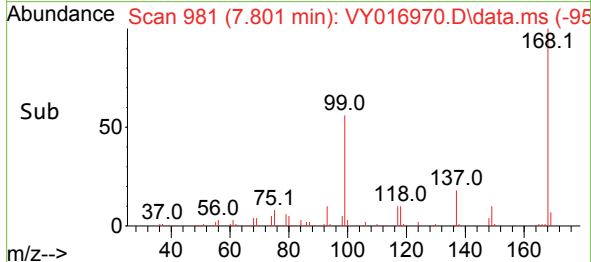
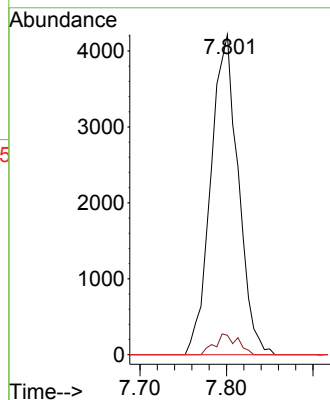


#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

Instrument :
MSVOA_Y
ClientSampleId :

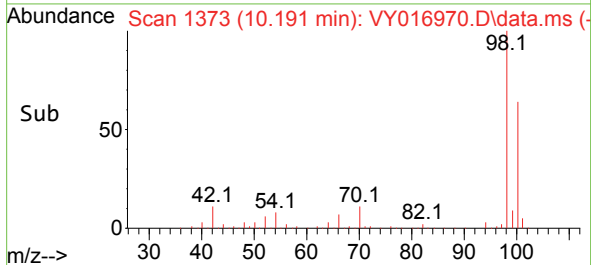
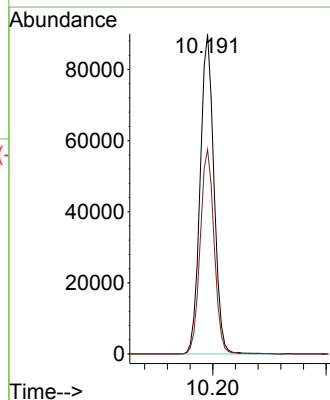
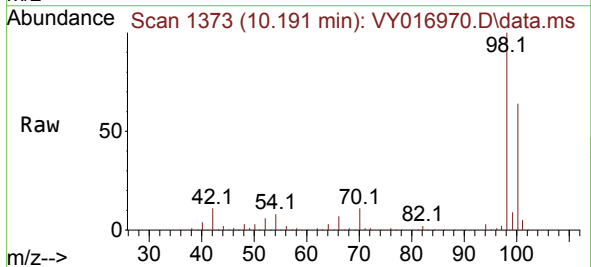


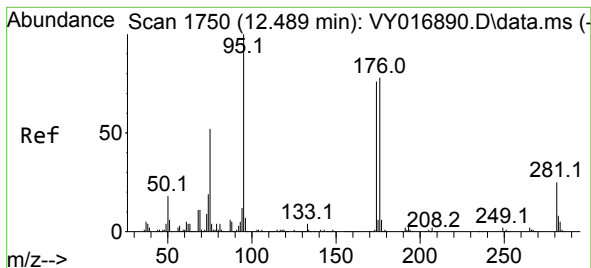
Tgt Ion:117 Resp: 9294
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.410 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

Tgt Ion: 98 Resp: 151935
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

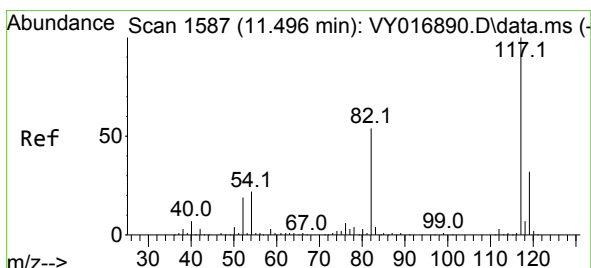
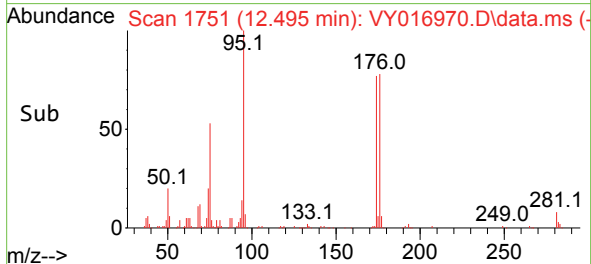
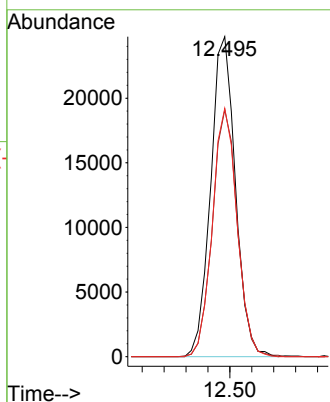
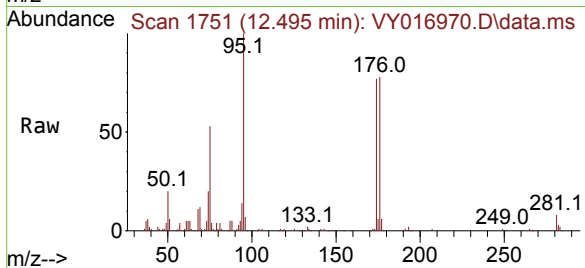




#62
4-Bromofluorobenzene
Concen: 29.892 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

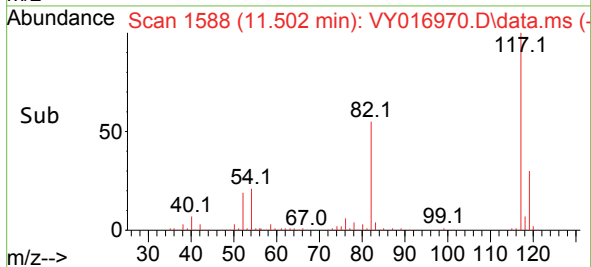
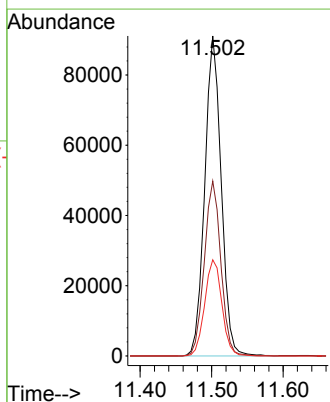
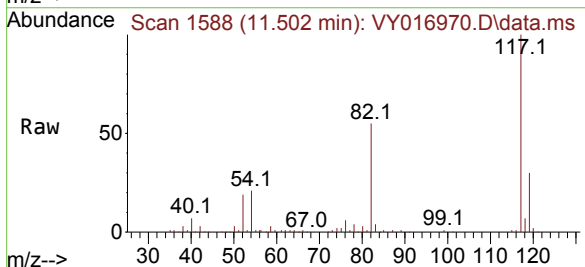
Instrument :
MSVOA_Y
ClientSampleId :

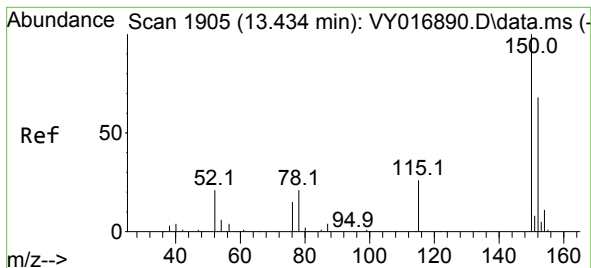
Tgt Ion: 95 Resp: 38881
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.0
176 77.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016970.D
Acq: 10 Jan 2024 14:03

Tgt Ion: 117 Resp: 145667
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 30.0 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: VY016970.D

Acq: 10 Jan 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

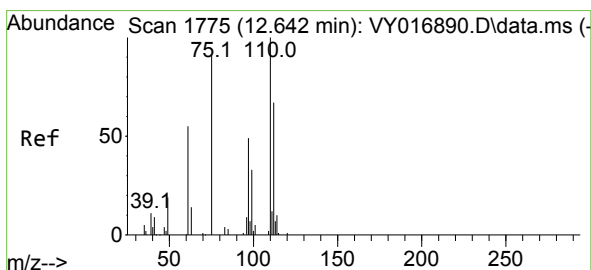
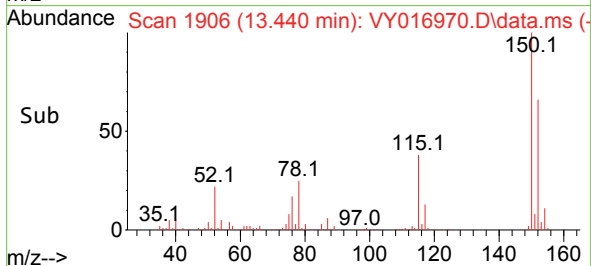
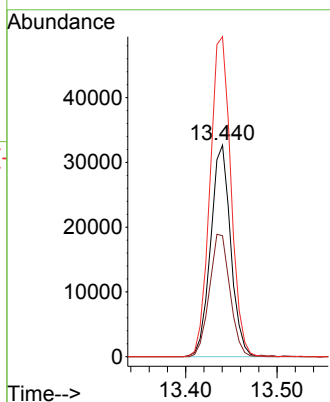
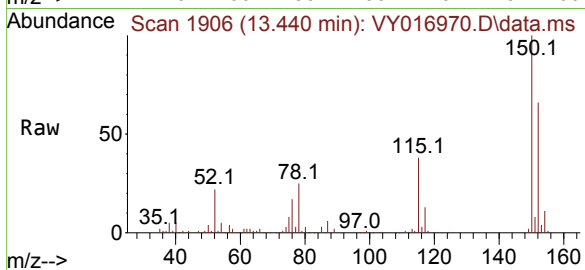
Tgt Ion:152 Resp: 49753

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 157.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 38.171 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016970.D

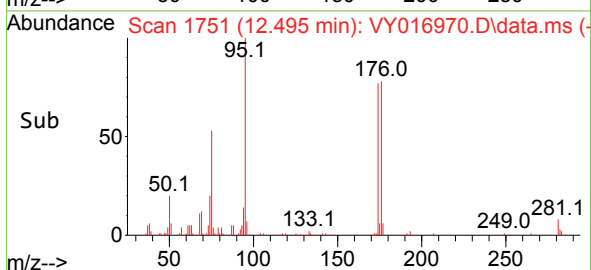
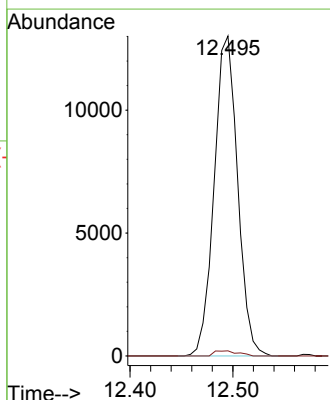
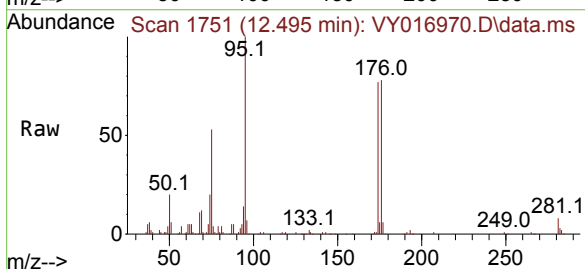
Acq: 10 Jan 2024 14:03

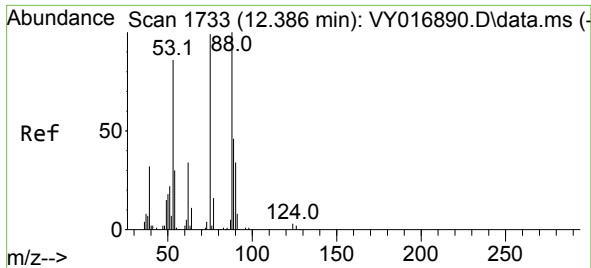
Tgt Ion: 75 Resp: 20609

Ion Ratio Lower Upper

75 100

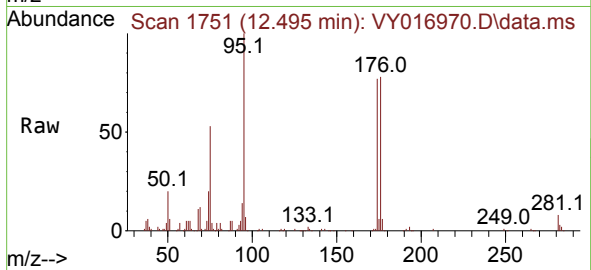
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.677 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016970.D
 Acq: 10 Jan 2024 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 20609
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

