

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020282.D
 Acq On : 13 Nov 2024 14:52
 Operator : SY/MD
 Sample : P4792-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 00:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	218166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	421481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	291008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	133900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	142515	52.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.680%
35) Dibromofluoromethane	7.640	113	140686	52.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.000%
50) Toluene-d8	10.109	98	391771	36.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.460%
62) 4-Bromofluorobenzene	12.408	95	129678	37.429	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.860%

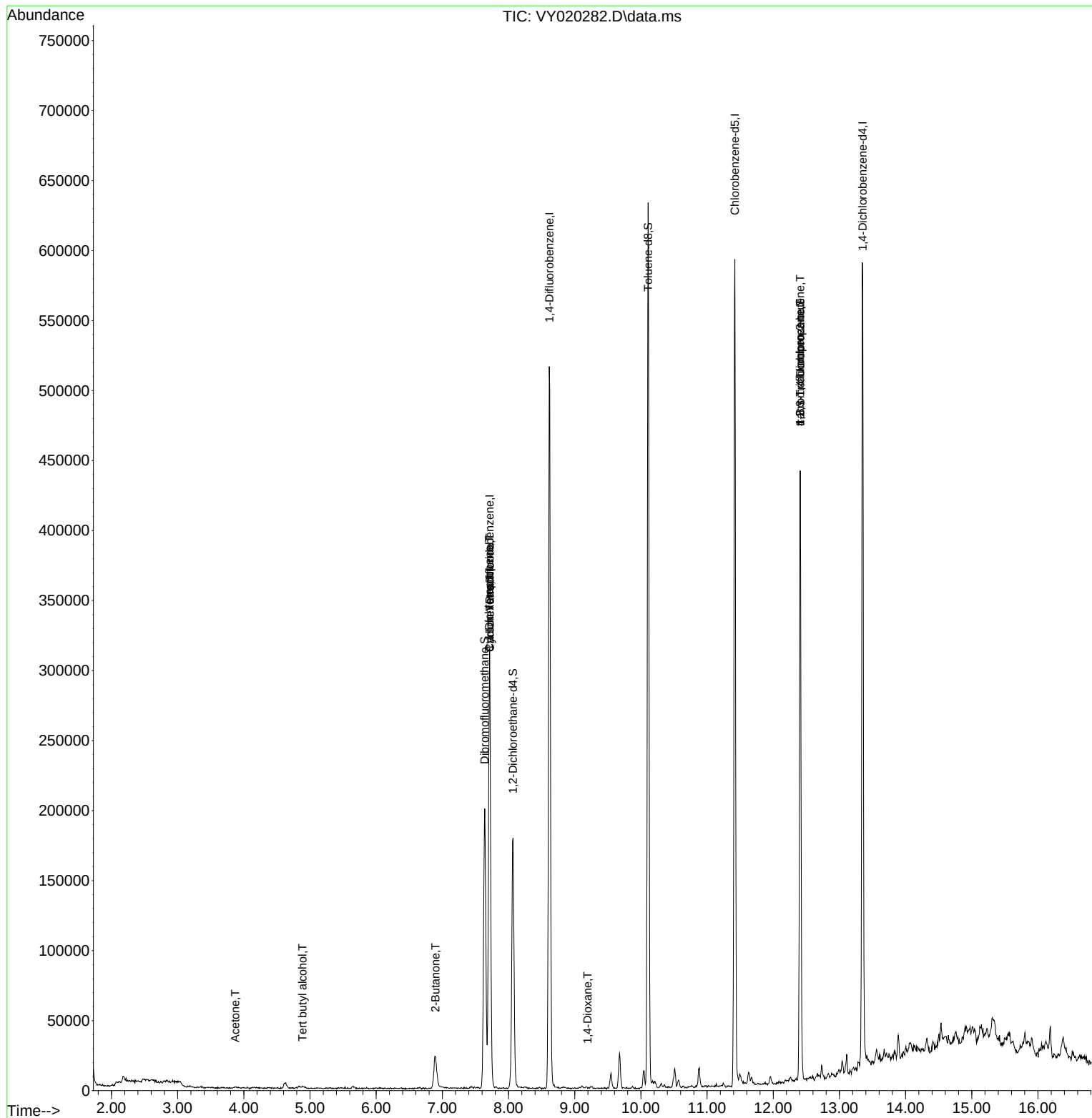
Target Compounds						Qvalue
11) Tert butyl alcohol	4.885	59	554	2.829	ug/l	# 82
16) Acetone	3.873	43	2095	3.309	ug/l	# 70
25) 2-Butanone	6.896	43	1652	1.925	ug/l	# 77
31) Cyclohexane	7.720	56	6102	1.235	ug/l	# 54
36) 1,1-Dichloropropene	7.707	75	20239	4.889	ug/l	# 48
38) Carbon Tetrachloride	7.720	117	24308	5.839	ug/l	# 16
49) 1,4-Dioxane	9.195	88	27	1.674	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	74298	59.193	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	74298	127.323	ug/l	# 16

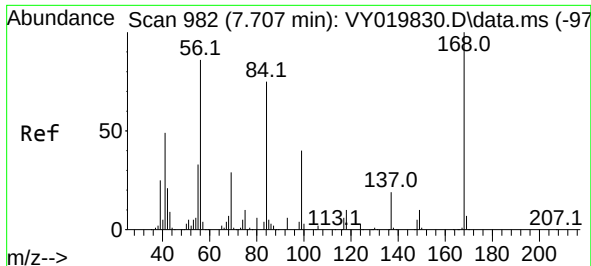
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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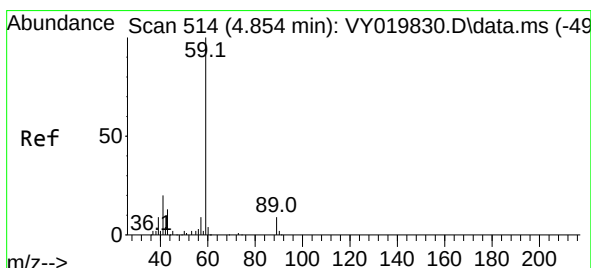
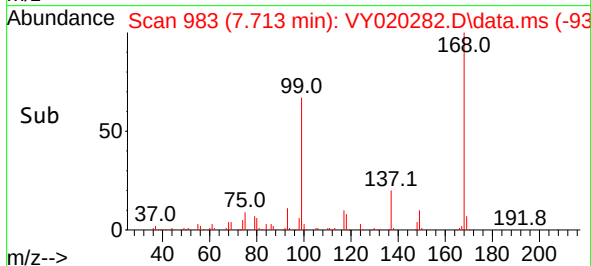
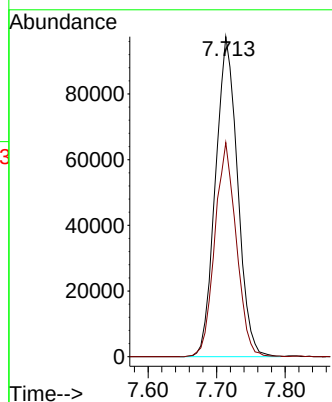
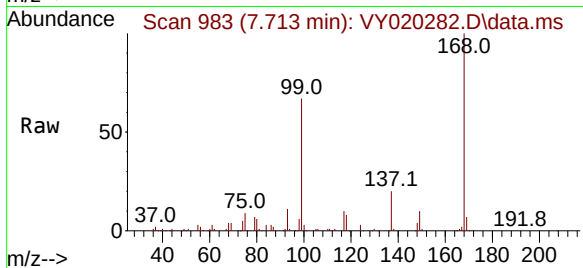




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

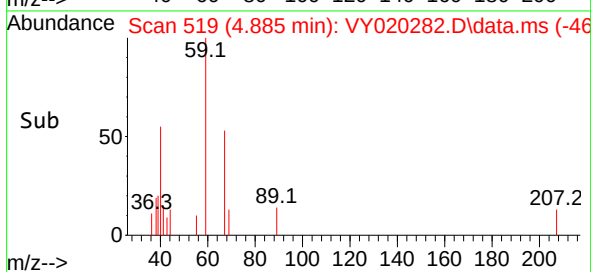
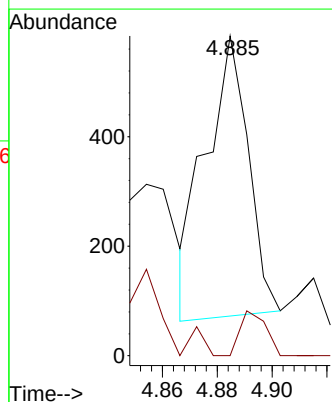
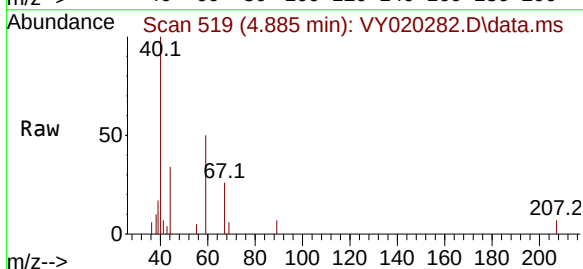
Instrument :
MSVOA_Y
ClientSampleId :

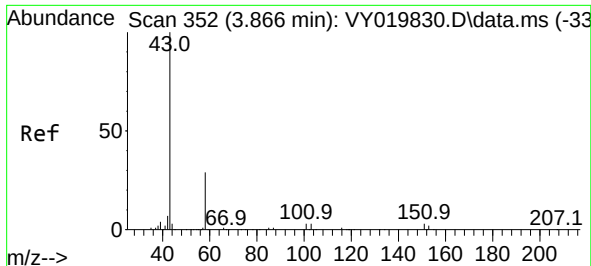
Tgt Ion:168 Resp: 218166
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.829 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.025 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Tgt Ion: 59 Resp: 554
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#





#16

Acetone

Concen: 3.309 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.000 min

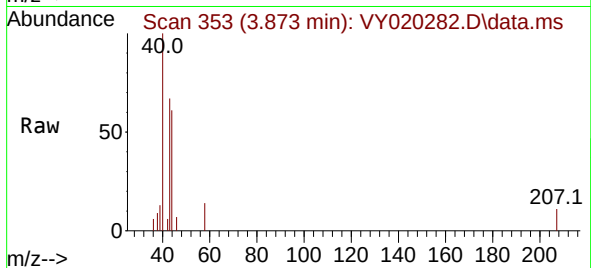
Lab File: VY020282.D

Acq: 13 Nov 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

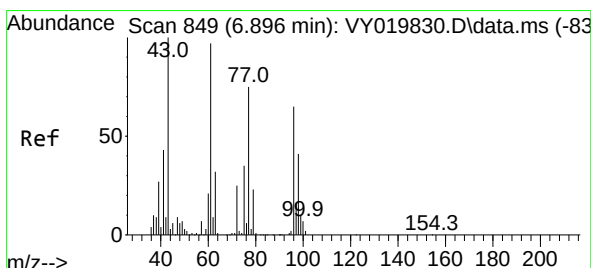
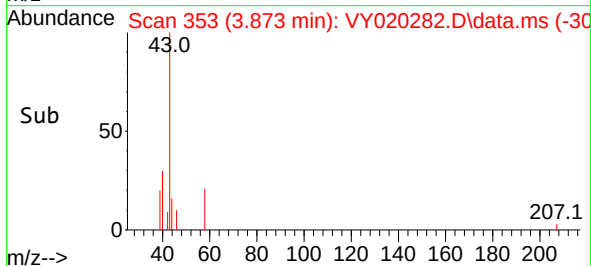
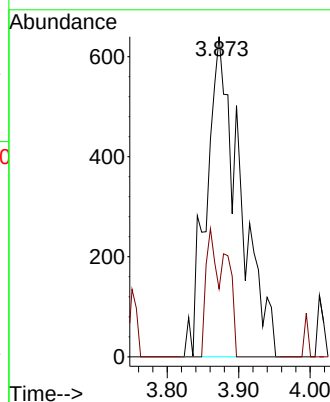


Tgt Ion: 43 Resp: 2095

Ion Ratio Lower Upper

43 100

58 21.3 31.7 47.5#



#25

2-Butanone

Concen: 1.925 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY020282.D

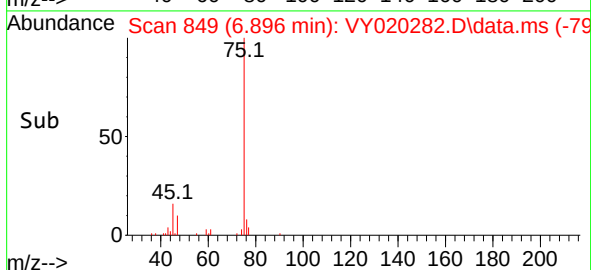
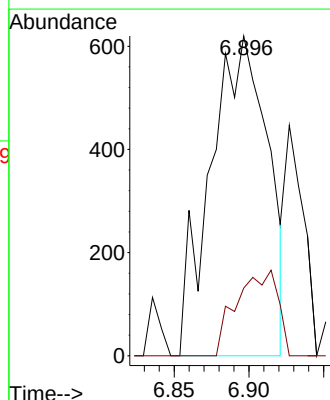
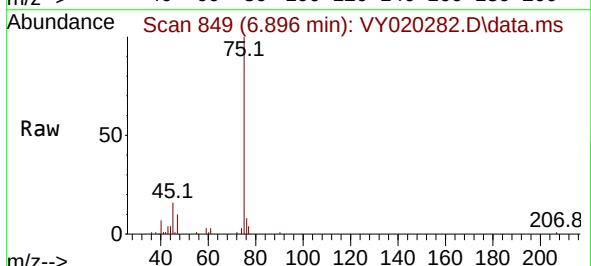
Acq: 13 Nov 2024 14:52

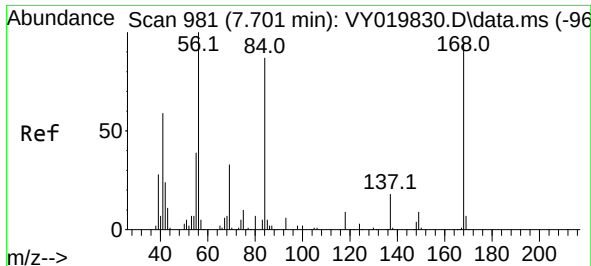
Tgt Ion: 43 Resp: 1652

Ion Ratio Lower Upper

43 100

72 21.1 27.3 40.9#

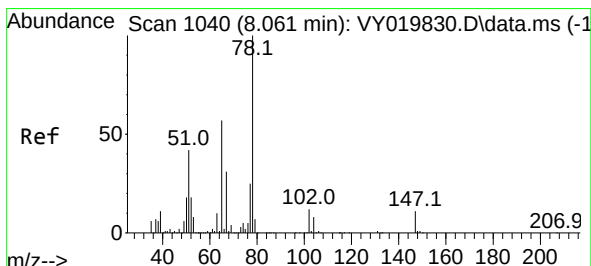
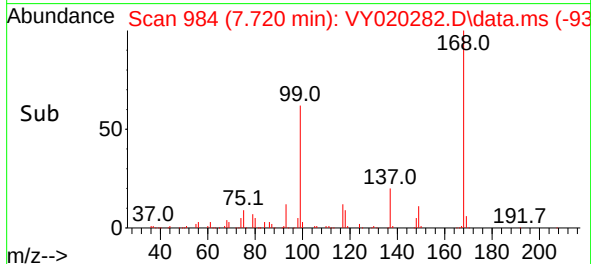
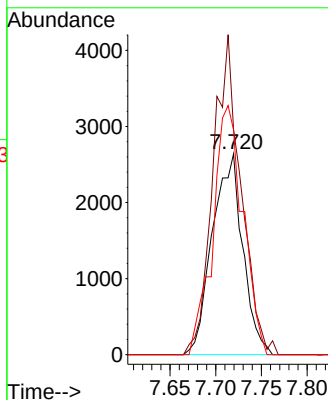
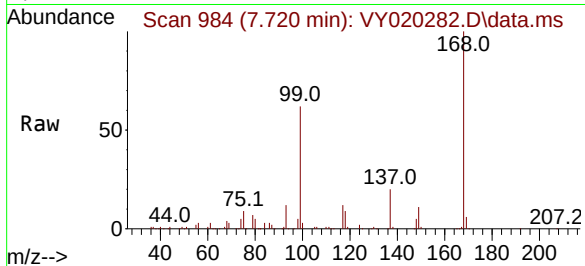




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.720 min Scan# 981
Delta R.T. 0.019 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

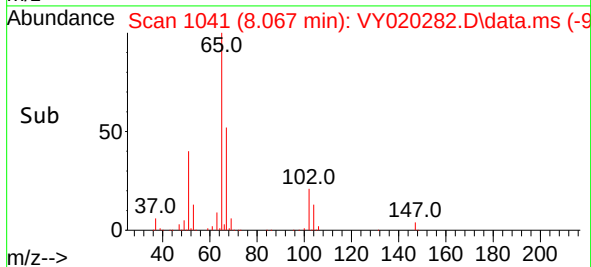
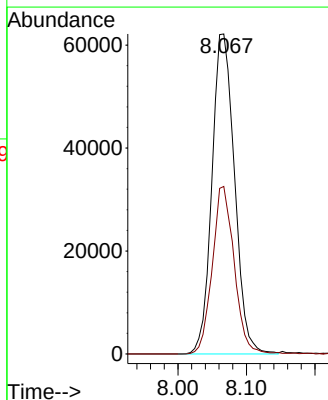
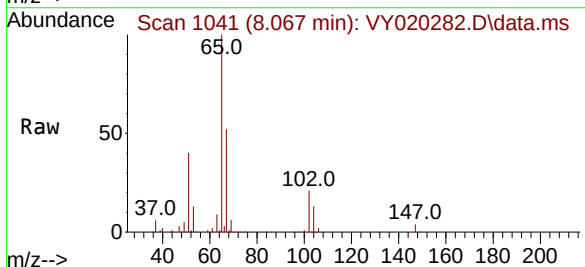
Instrument :
MSVOA_Y
ClientSampleId :

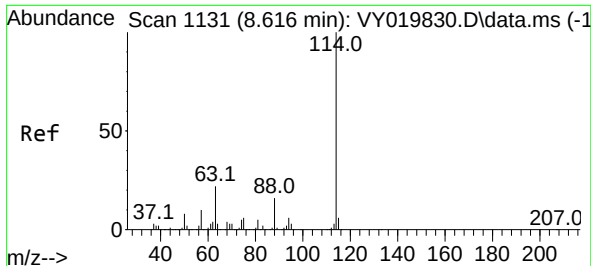
Tgt Ion: 56 Resp: 6102
Ion Ratio Lower Upper
56 100
69 112.2 28.7 43.1#
84 111.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 52.340 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

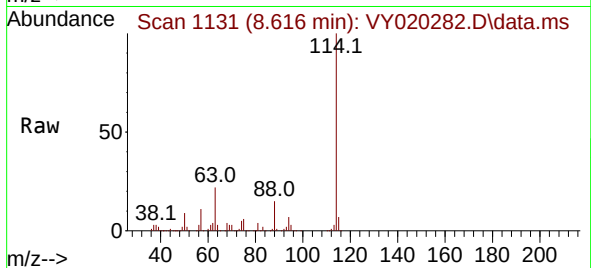
Tgt Ion: 65 Resp: 142515
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6



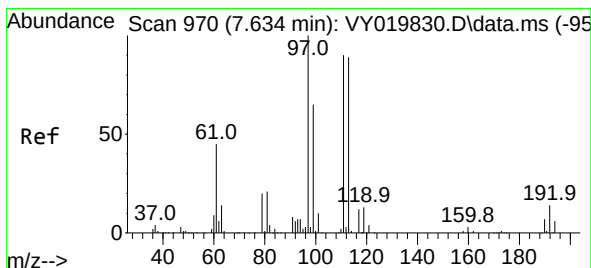
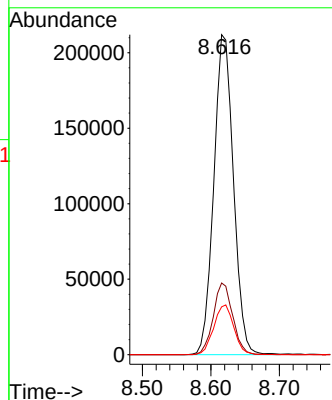
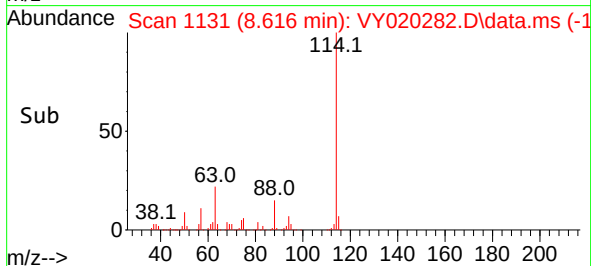


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

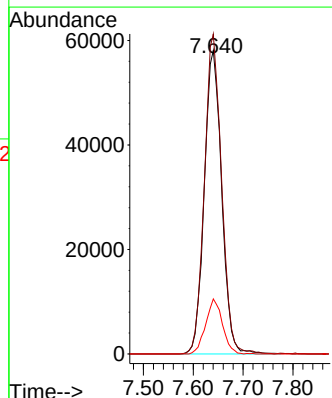
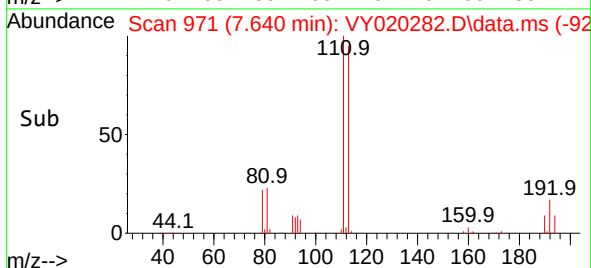
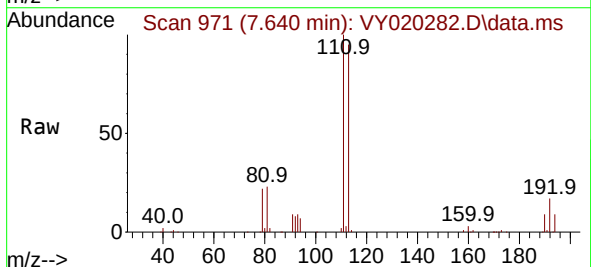


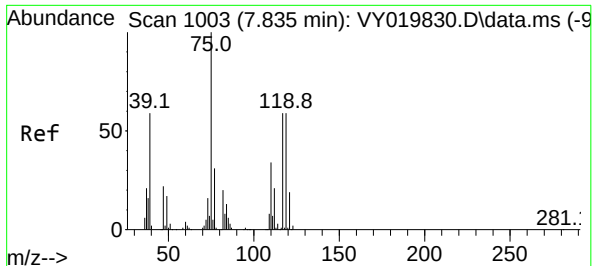
Tgt Ion:114 Resp: 421481
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.500 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Tgt Ion:113 Resp: 140686
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

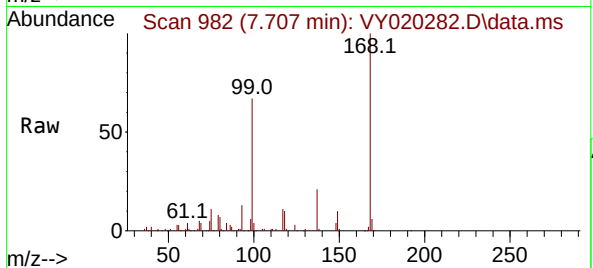
Lab File: VY020282.D

Acq: 13 Nov 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :



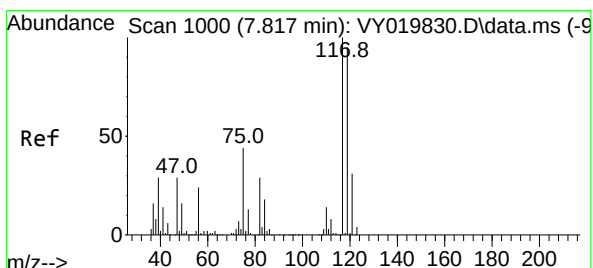
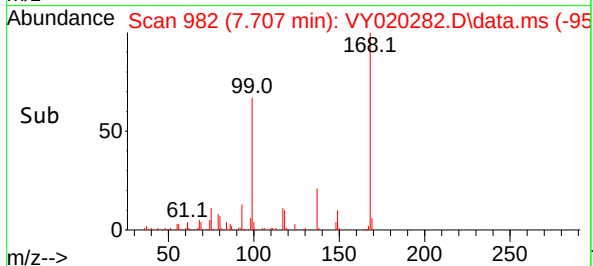
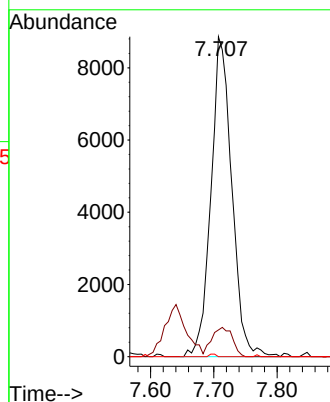
Tgt Ion: 75 Resp: 20239

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

77 0.3 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.839 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.097 min

Lab File: VY020282.D

Acq: 13 Nov 2024 14:52

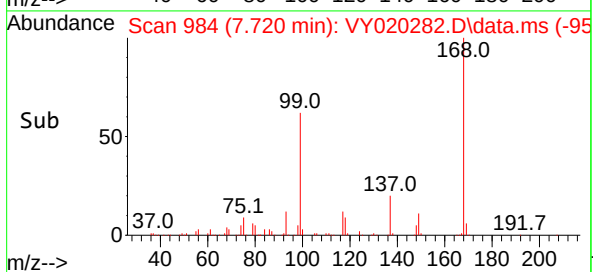
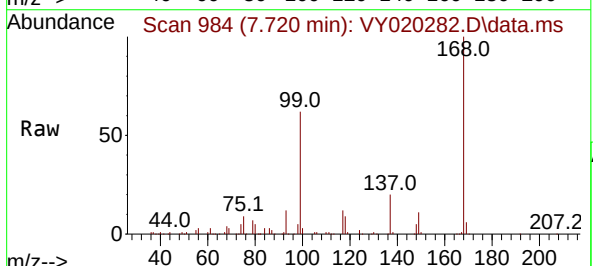
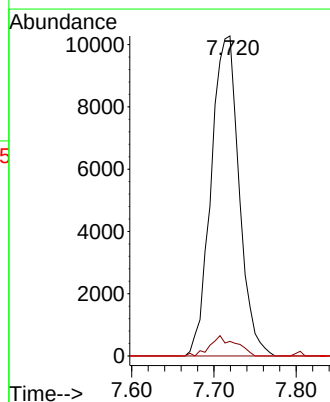
Tgt Ion: 117 Resp: 24308

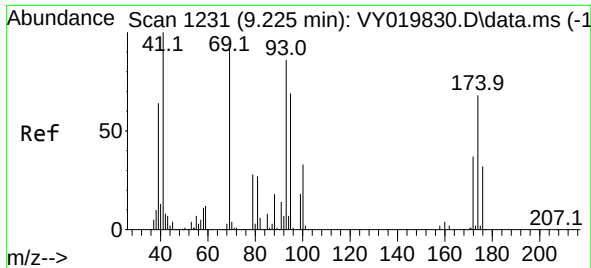
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

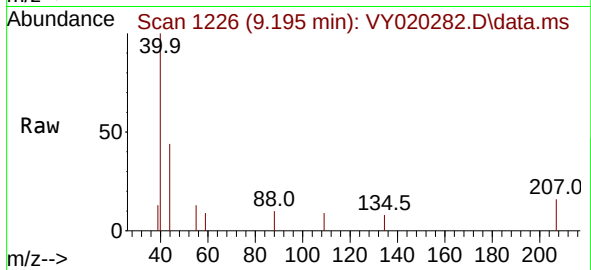
121 0.0 24.0 36.0#



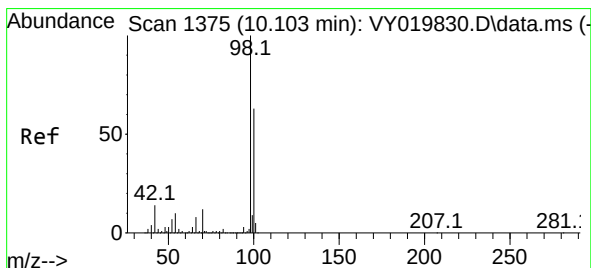
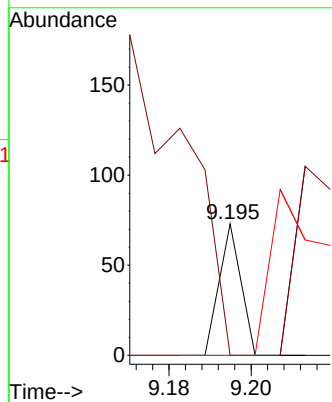
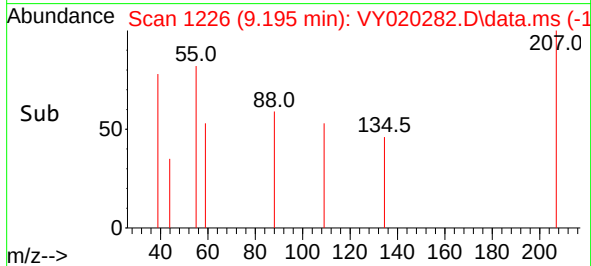


#49
1,4-Dioxane
Concen: 1.674 ug/l
RT: 9.195 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :

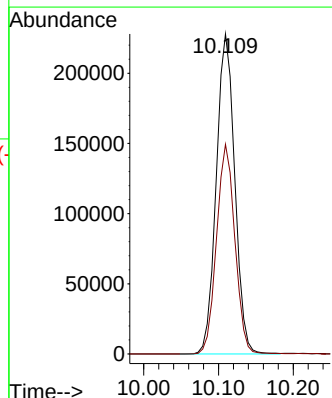
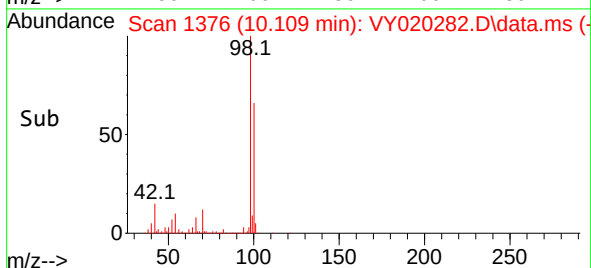
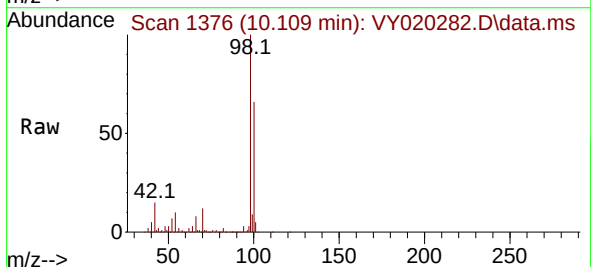


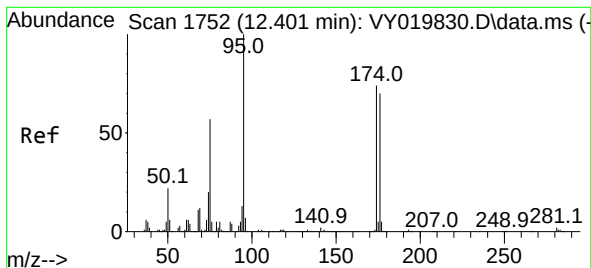
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 266.7 0.0 0.0#
58 292.6 49.3 73.9#



#50
Toluene-d8
Concen: 36.728 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Tgt Ion: 98 Resp: 391771
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

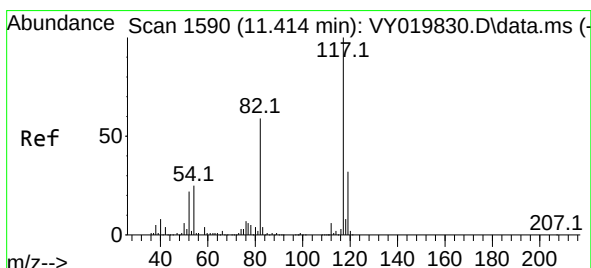
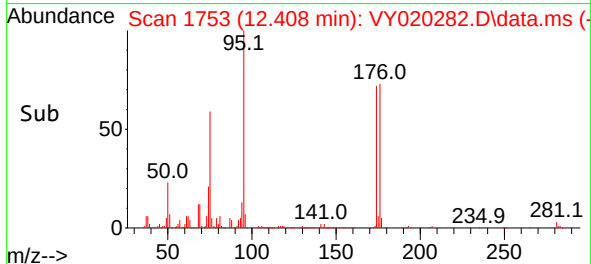
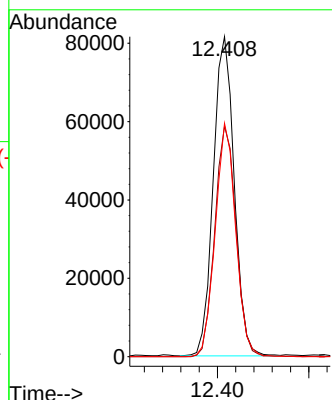
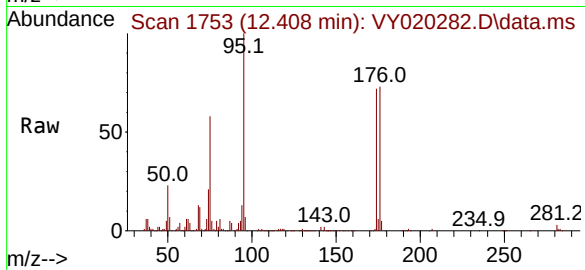




#62
4-Bromofluorobenzene
Concen: 37.429 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

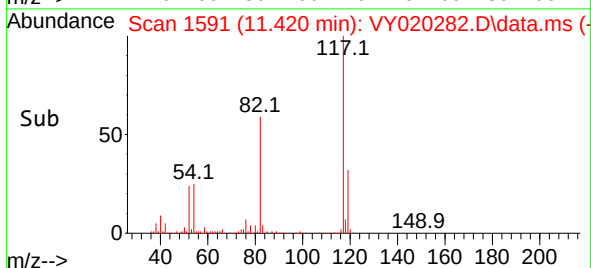
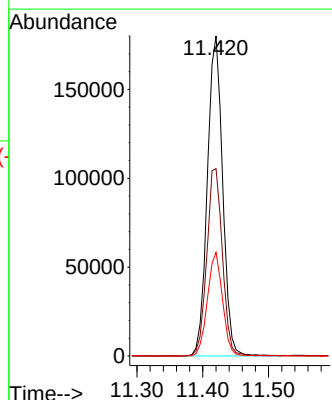
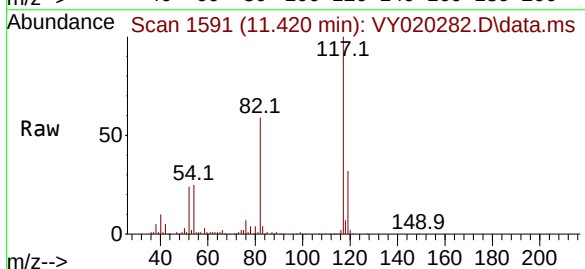
Instrument :
MSVOA_Y
ClientSampleId :

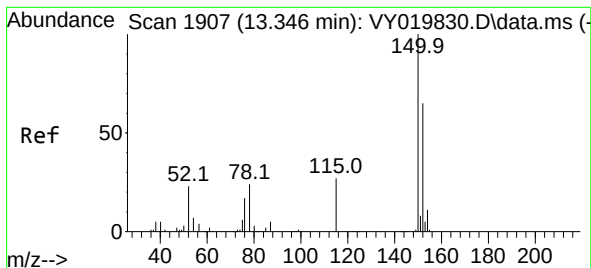
Tgt Ion: 95 Resp: 129678
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 71.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020282.D
Acq: 13 Nov 2024 14:52

Tgt Ion: 117 Resp: 291008
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY020282.D

Acq: 13 Nov 2024 14:52

Instrument :

MSVOA_Y

ClientSampleId :

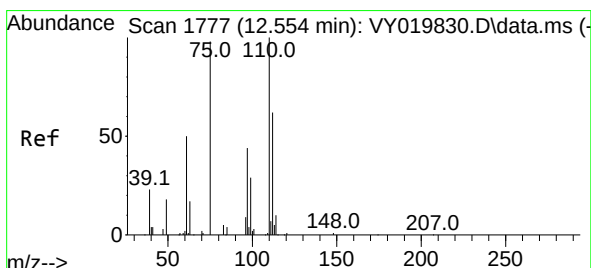
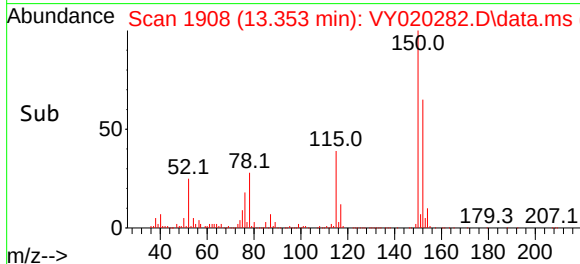
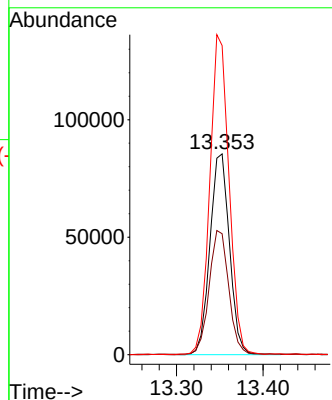
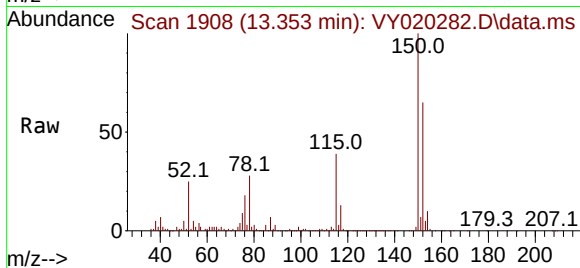
Tgt Ion:152 Resp: 133900

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.193 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020282.D

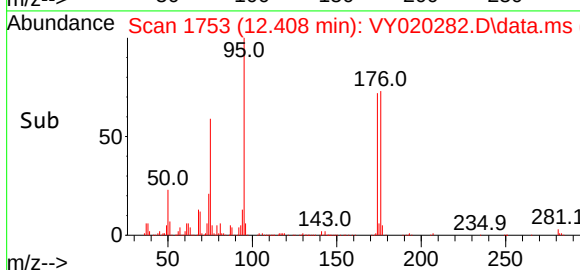
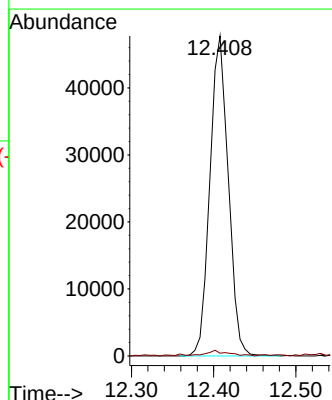
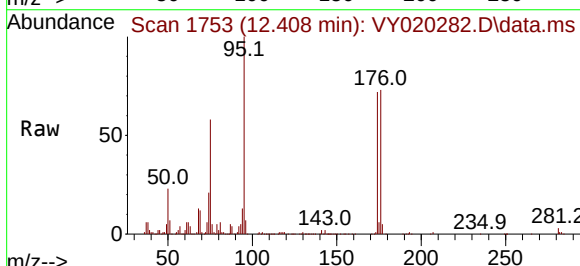
Acq: 13 Nov 2024 14:52

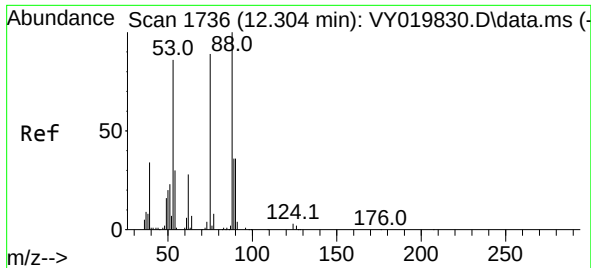
Tgt Ion: 75 Resp: 74298

Ion Ratio Lower Upper

75 100

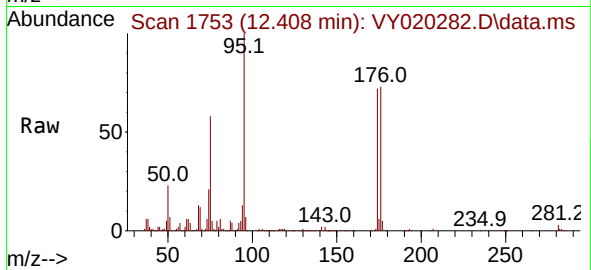
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.323 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020282.D
 Acq: 13 Nov 2024 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.1	35.8	53.6#

