

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019858.D
 Acq On : 10 Oct 2024 16:51
 Operator : SY/MD
 Sample : P4364-12
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:45:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

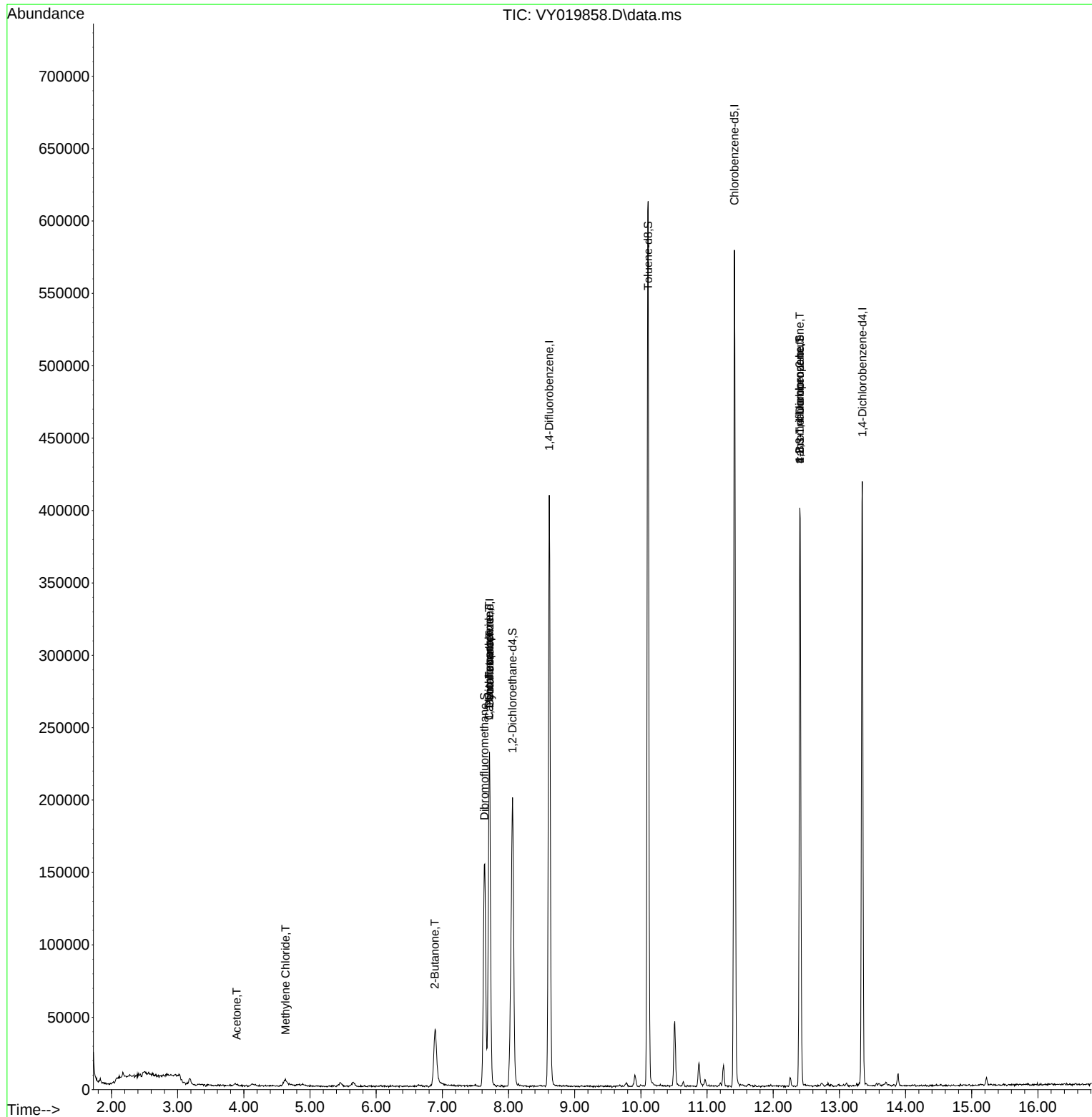
Internal Standards						
1) Pentafluorobenzene	7.713	168	163866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	95874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122560	60.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.480%	
35) Dibromofluoromethane	7.634	113	112864	52.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.109	98	392649	49.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.401	95	117796	41.106	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	1510	Below Cal	#	81
16) Acetone	3.891	43	2996	5.704	ug/l #	78
20) Methylene Chloride	4.628	84	2768	1.306	ug/l #	71
25) 2-Butanone	6.884	43	3015	4.289	ug/l #	77
31) Cyclohexane	7.713	56	4624	1.372	ug/l #	32
36) 1,1-Dichloropropene	7.707	75	15793	5.104	ug/l #	50
38) Carbon Tetrachloride	7.707	117	17630	5.315	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	67720	67.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	67720	145.538	ug/l #	8

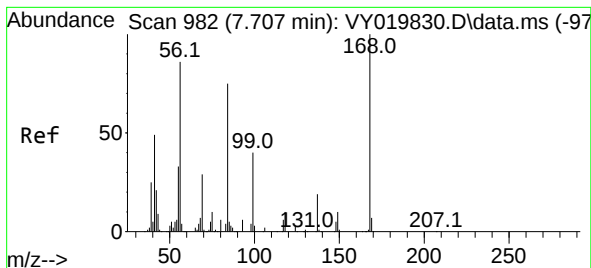
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
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QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

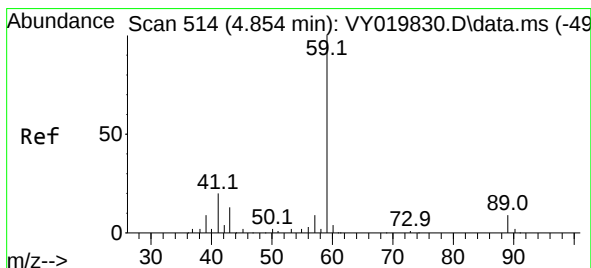
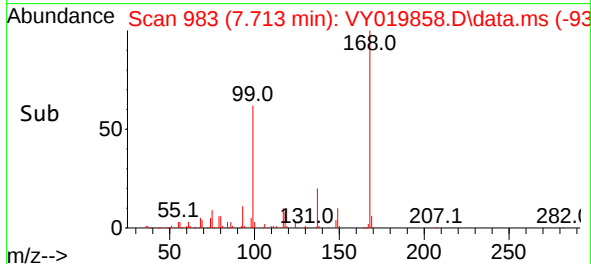
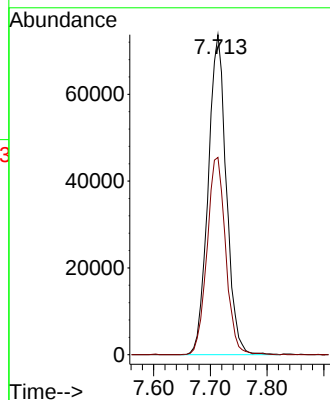
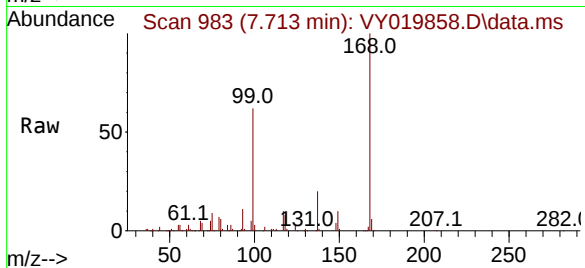
ClientSampleId :

Tgt Ion:168 Resp: 163866

Ion Ratio Lower Upper

168 100

99 61.6 52.6 78.8



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.842 min Scan# 512

Delta R.T. -0.012 min

Lab File: VY019858.D

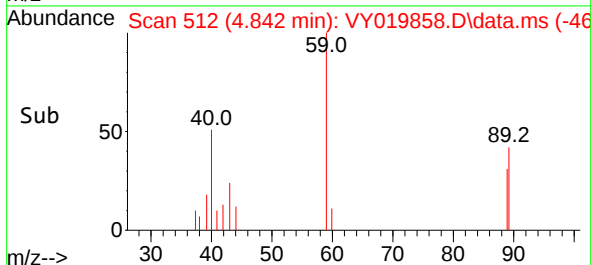
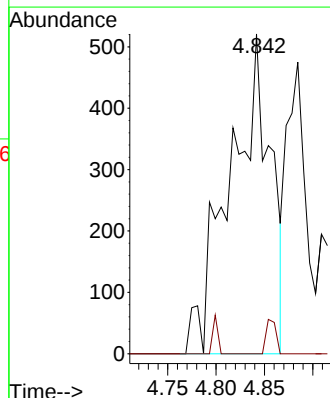
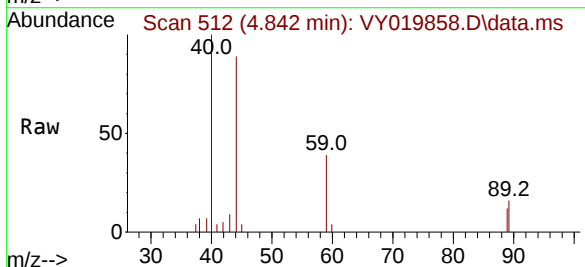
Acq: 10 Oct 2024 16:51

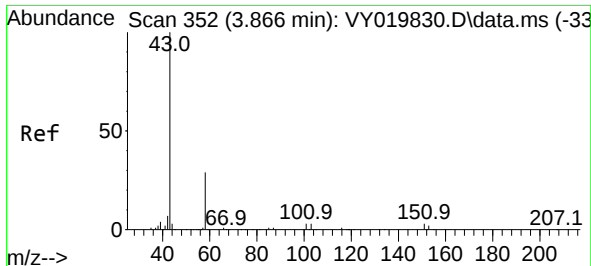
Tgt Ion: 59 Resp: 1510

Ion Ratio Lower Upper

59 100

57 2.6 7.7 11.5#

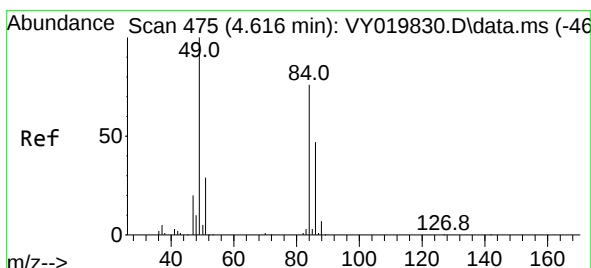
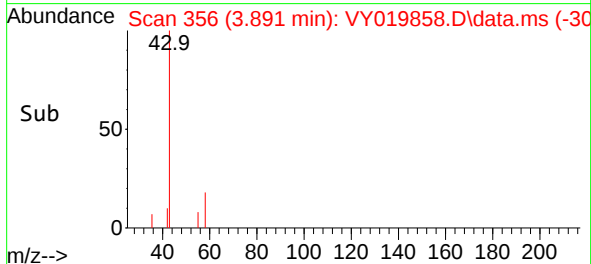
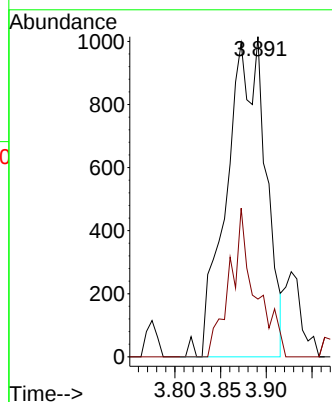
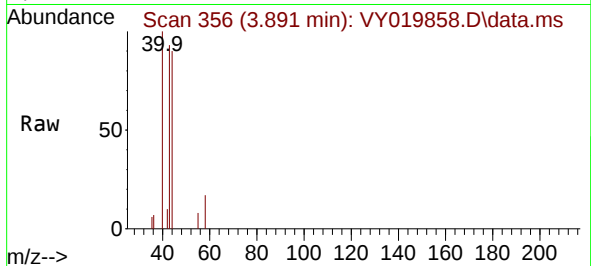




#16
Acetone
Concen: 5.704 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.024 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

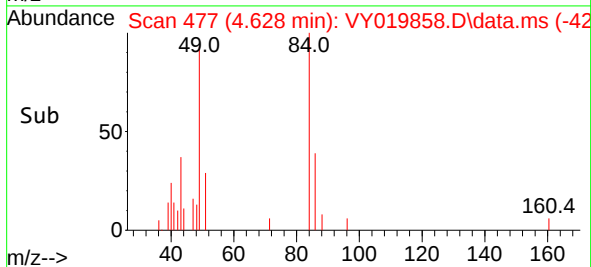
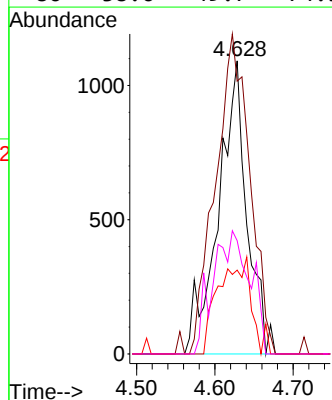
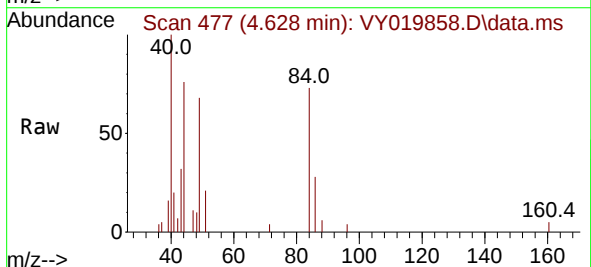
Instrument :
MSVOA_Y
ClientSampleId :

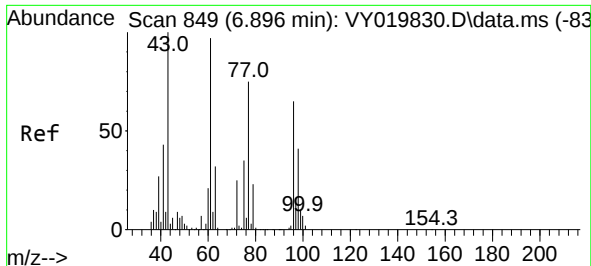
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
58 18.0 23.8 35.6#



#20
Methylene Chloride
Concen: 1.306 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Tgt Ion: 84 Resp: 2768
Ion Ratio Lower Upper
84 100
49 93.0 104.8 157.2#
51 28.6 30.4 45.6#
86 38.6 49.7 74.5#





#25

2-Butanone

Concen: 4.289 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

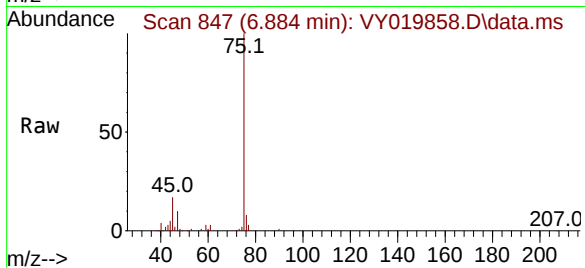
Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

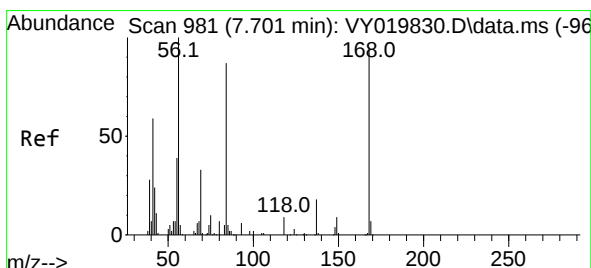
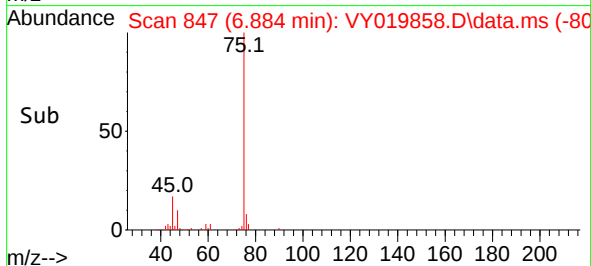
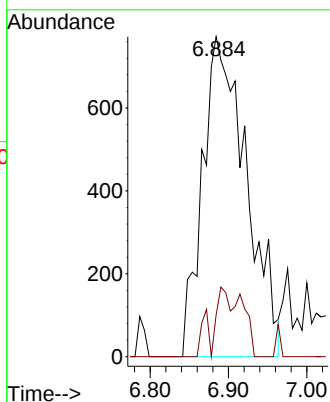


Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

43 100

72 13.1 19.8 29.6#



#31

Cyclohexane

Concen: 1.372 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

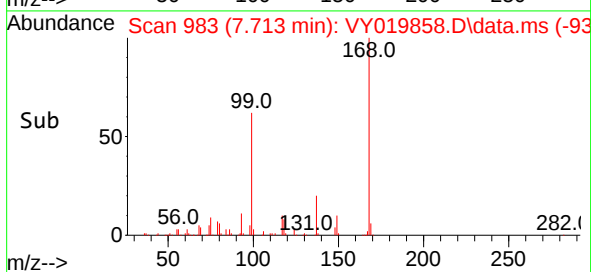
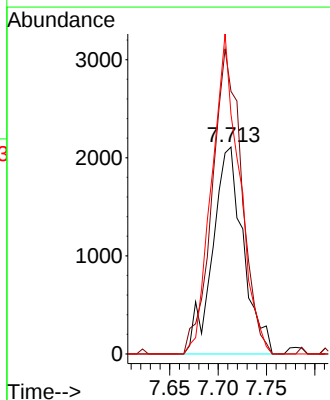
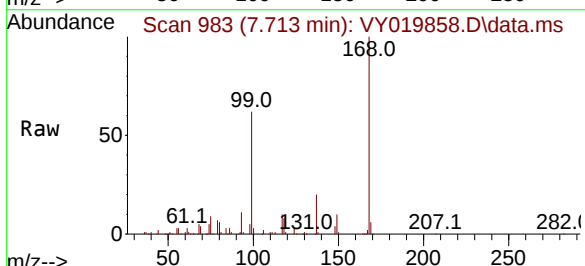
Tgt Ion: 56 Resp: 4624

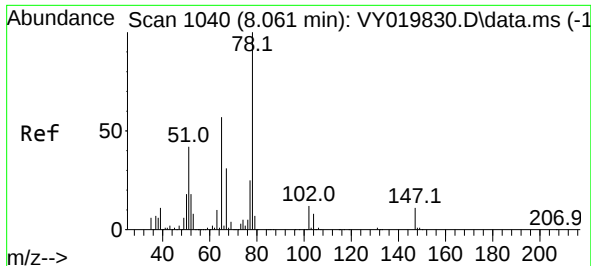
Ion Ratio Lower Upper

56 100

69 126.9 26.6 39.8#

84 115.7 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 60.743 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

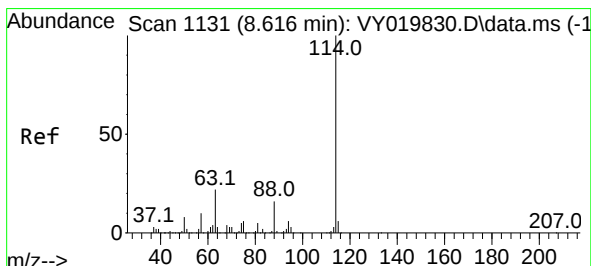
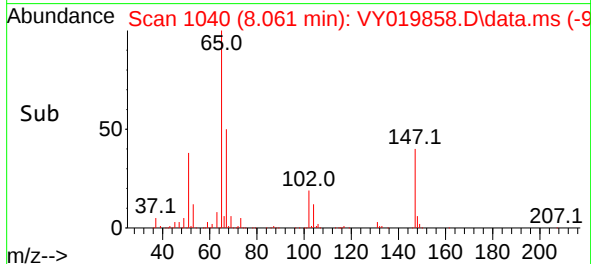
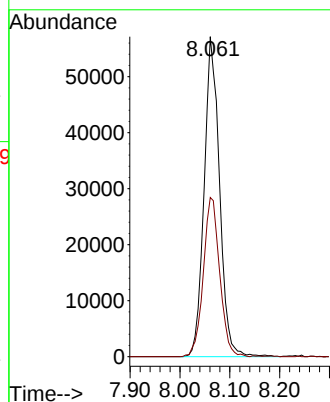
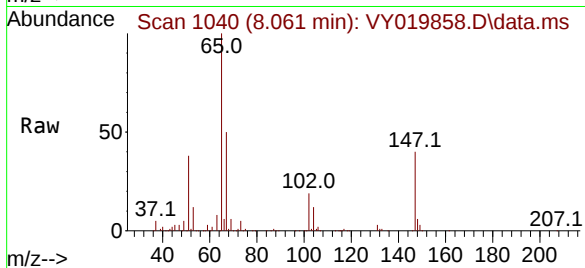
ClientSampleId :

Tgt Ion: 65 Resp: 122560

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

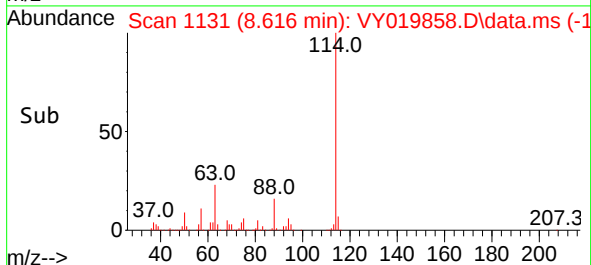
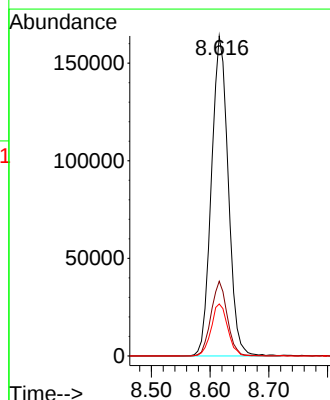
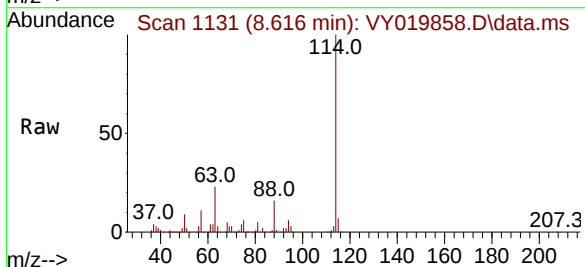
Tgt Ion: 114 Resp: 325456

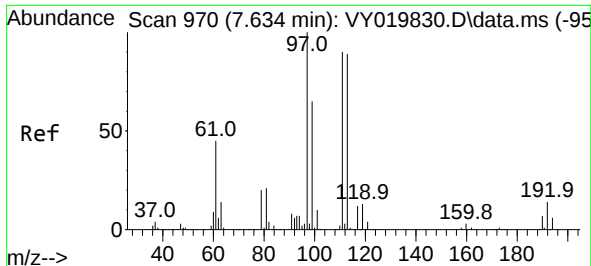
Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.8

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.552 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

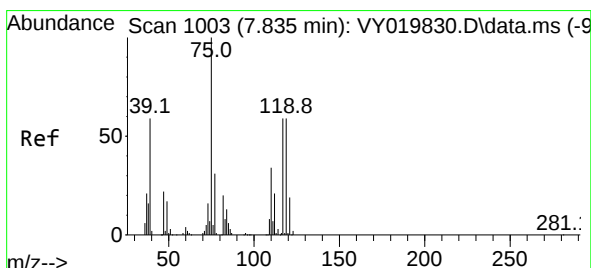
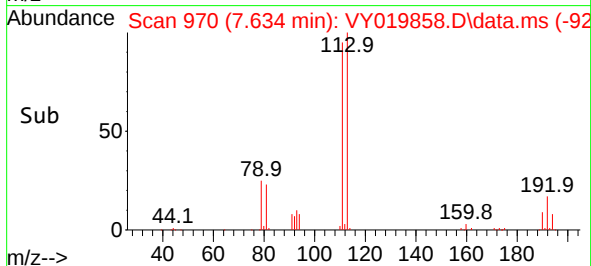
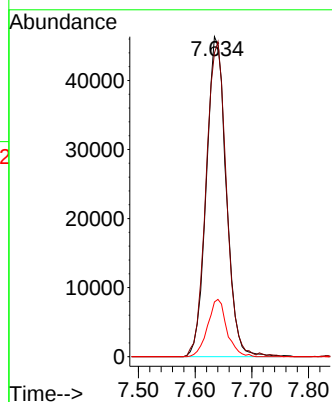
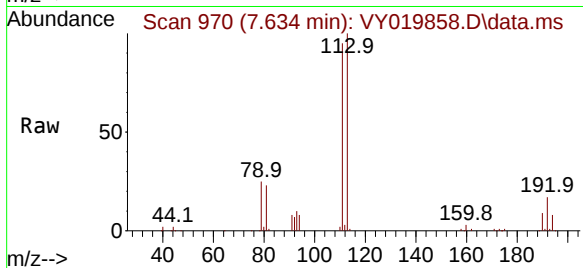
Tgt Ion:113 Resp: 112864

Ion Ratio Lower Upper

113 100

111 100.2 82.9 124.3

192 17.2 13.6 20.4



#36

1,1-Dichloropropene

Concen: 5.104 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

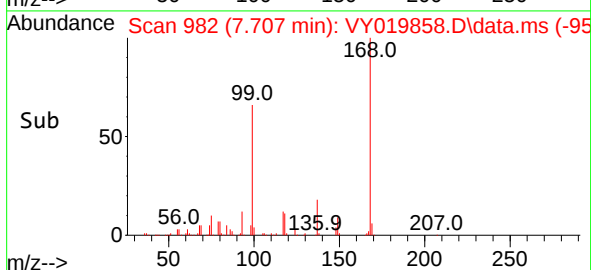
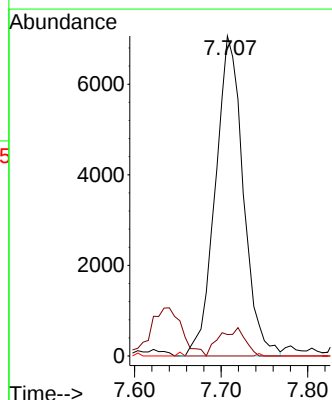
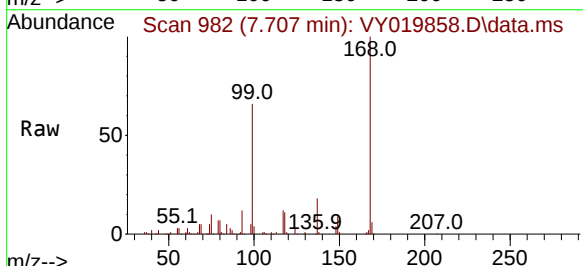
Tgt Ion: 75 Resp: 15793

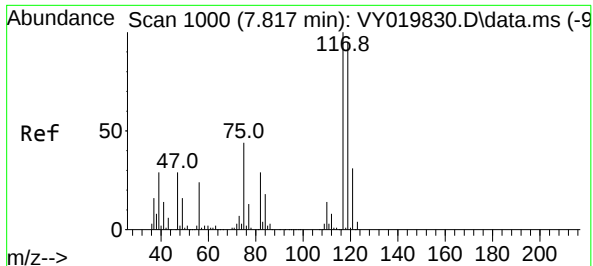
Ion Ratio Lower Upper

75 100

110 8.0 16.6 49.8#

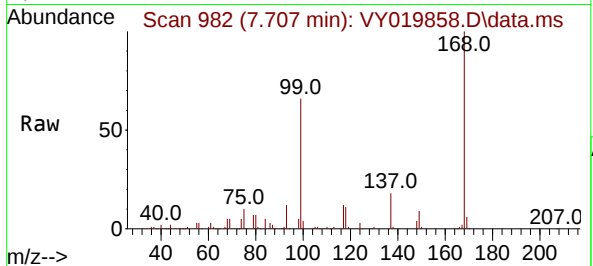
77 0.0 24.6 36.8#



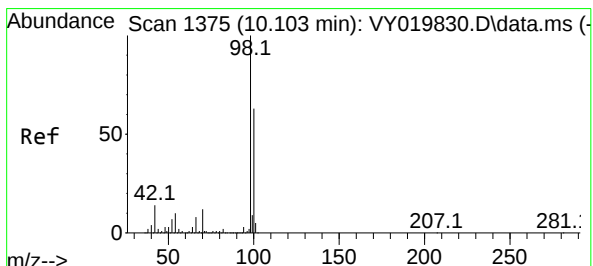
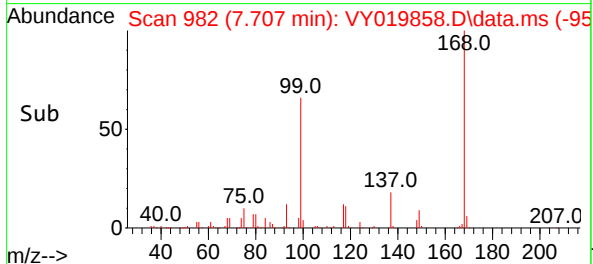
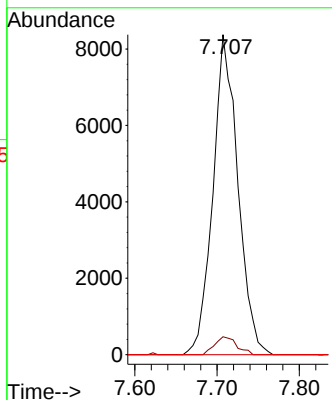


#38
Carbon Tetrachloride
Concen: 5.315 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

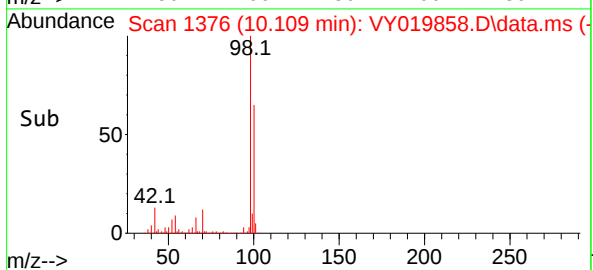
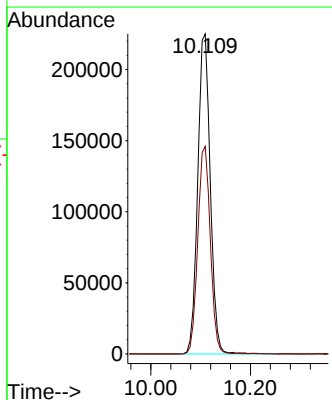
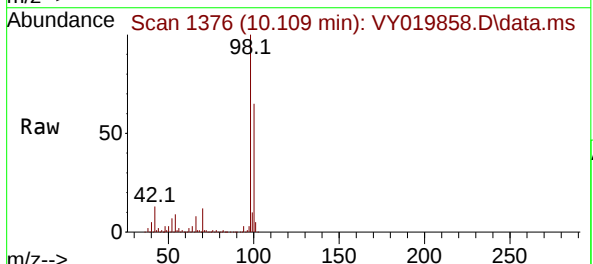


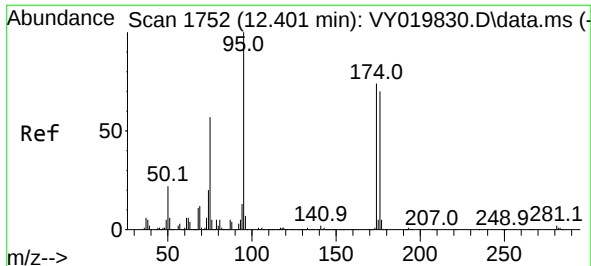
Tgt Ion:117 Resp: 17630
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.508 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Tgt Ion: 98 Resp: 392649
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7

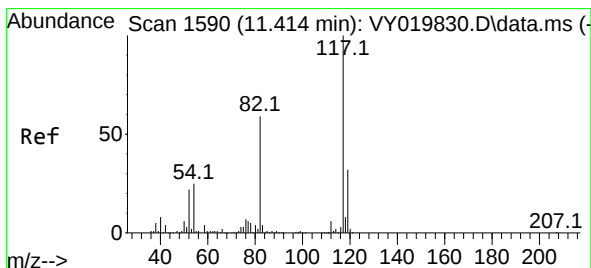
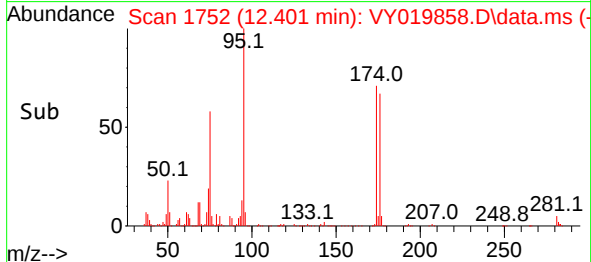
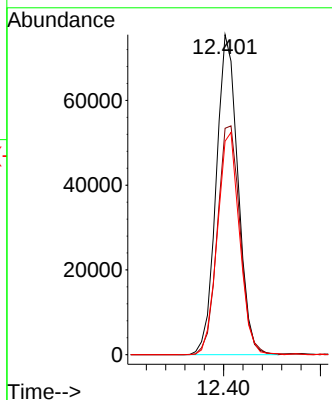
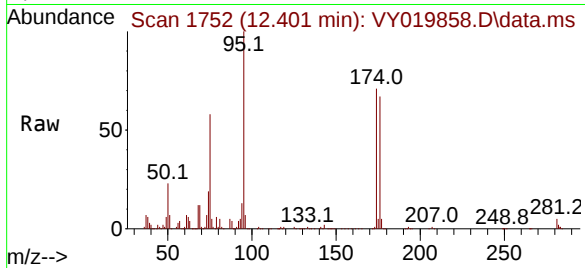




#62
4-Bromofluorobenzene
Concen: 41.106 ug/l
RT: 12.401 min Scan# 117796
Delta R.T. 0.000 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

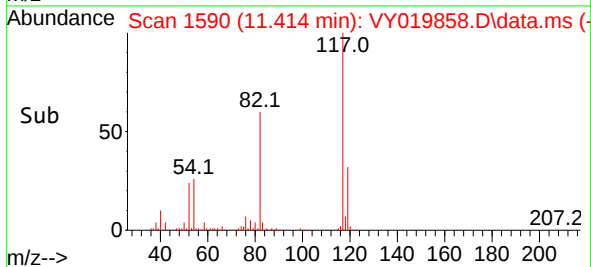
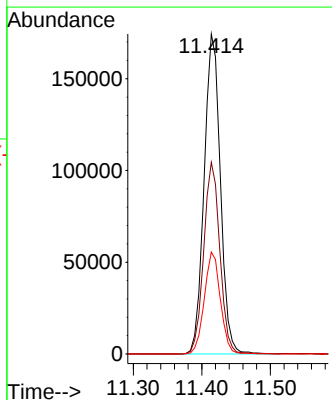
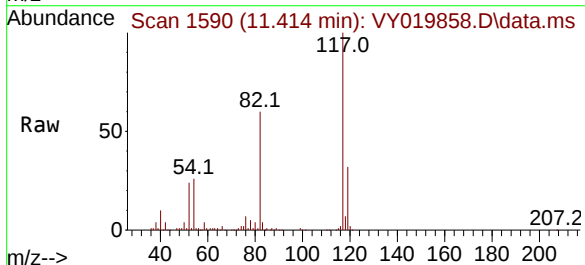
Instrument :
MSVOA_Y
ClientSampleId :

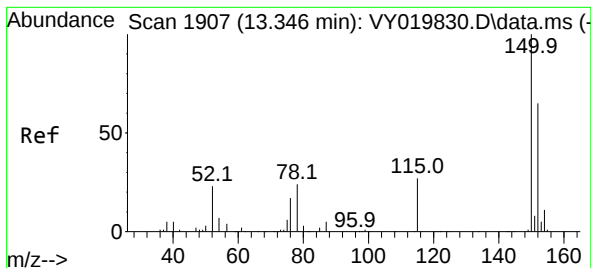
Tgt Ion: 95 Resp: 117796
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.0
176 70.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Tgt Ion: 117 Resp: 288079
Ion Ratio Lower Upper
117 100
82 59.9 46.9 70.3
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019858.D

Acq: 10 Oct 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

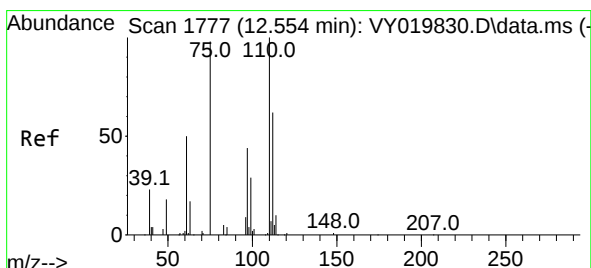
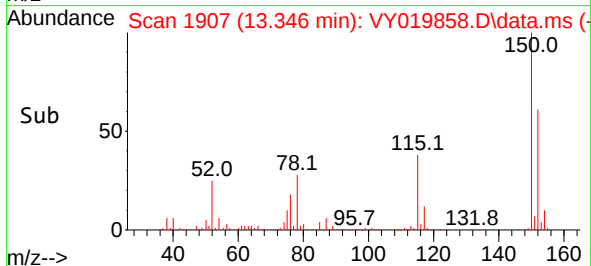
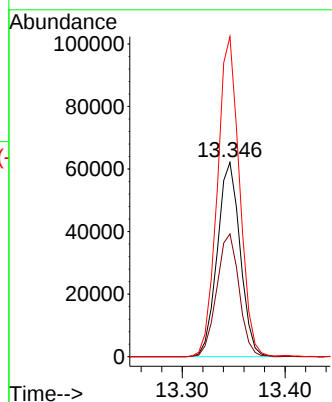
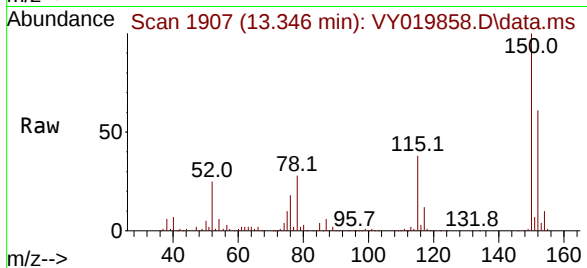
Tgt Ion:152 Resp: 95874

Ion Ratio Lower Upper

152 100

115 61.9 30.8 92.3

150 159.5 0.0 352.8



#76

1,2,3-Trichloropropane

Concen: 67.834 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019858.D

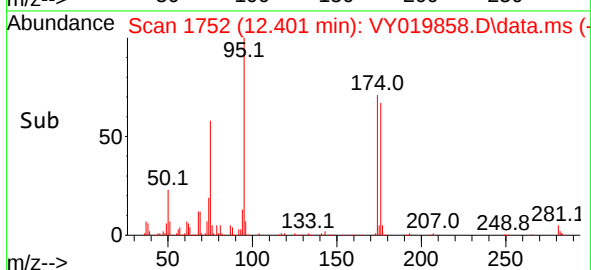
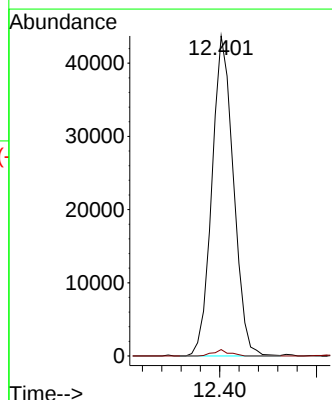
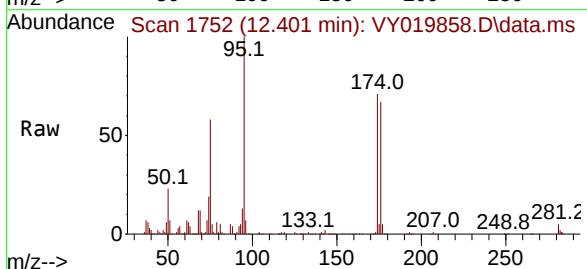
Acq: 10 Oct 2024 16:51

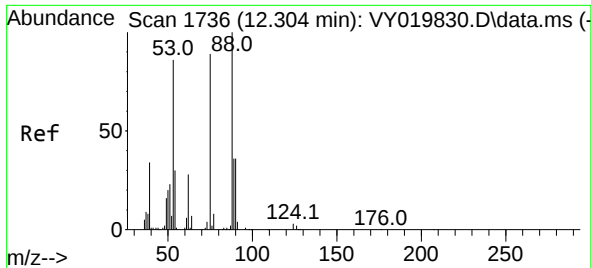
Tgt Ion: 75 Resp: 67720

Ion Ratio Lower Upper

75 100

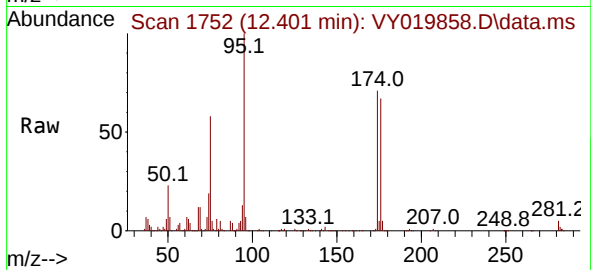
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 145.538 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019858.D
Acq: 10 Oct 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 67720
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.1 35.4 53.2#

