

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001096.D
 Acq On : 27 Dec 2019 14:37
 Operator : SY/MD
 Sample : K6439-13
 Misc : 5.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF010-01

Quant Time: Dec 28 04:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	1234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	2501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	655	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	1092	89.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.44%	
35) Dibromofluoromethane	7.80	113	19	1.29	ug/l	0.08
Spiked Amount	50.000		Recovery	=	2.58%	
50) Toluene-d8	10.18	98	2973	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.49	95	810	38.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.98%	

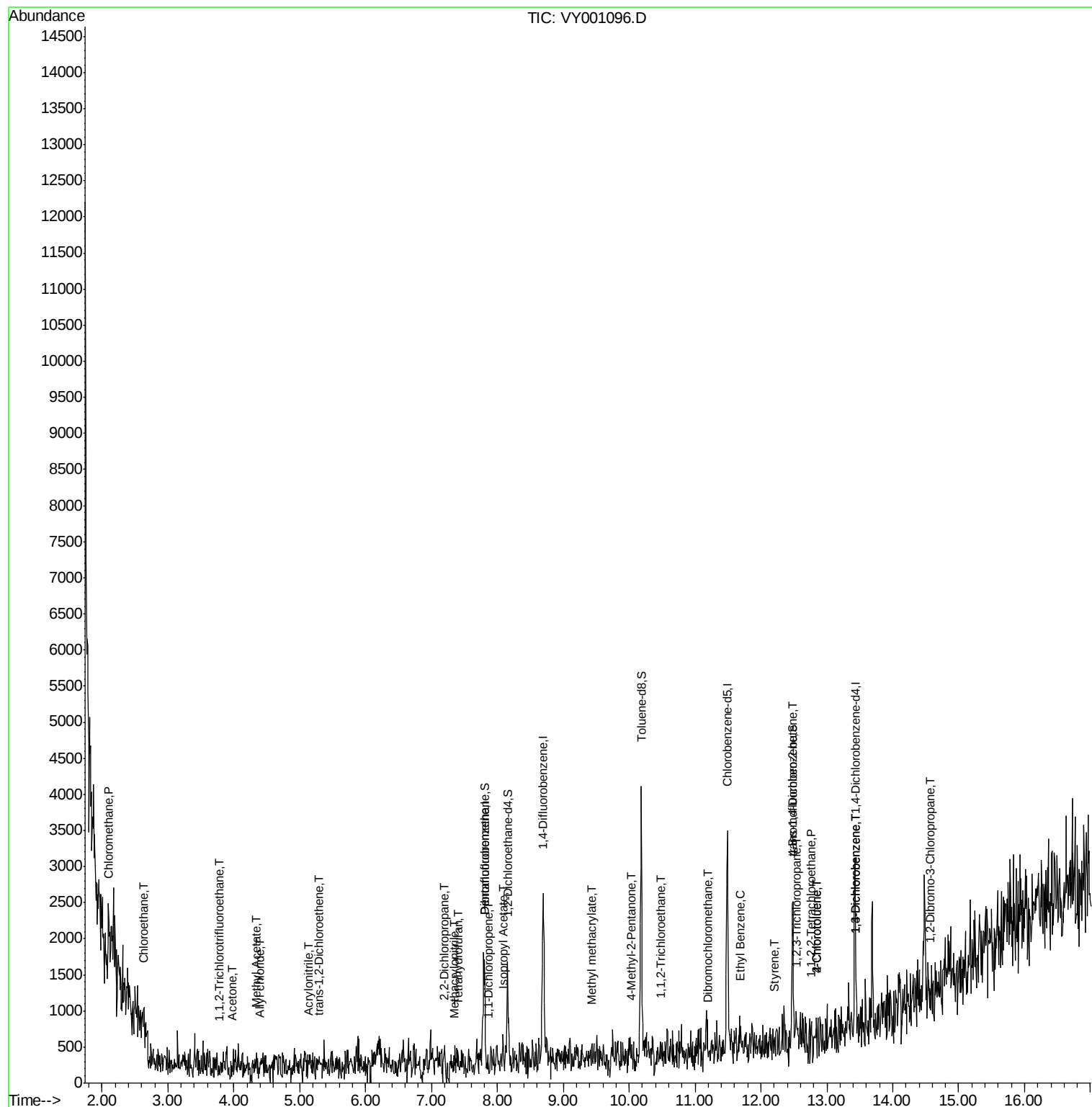
Target Compounds						Qvalue
3) Chloromethane	2.11	50	30	2.050	ug/l #	41
6) Chloroethane	2.64	64	51	5.761	ug/l #	40
9) 1,1,2-Trichlorotrifluoroet	3.77	101	25	1.826	ug/l #	21
14) Allyl chloride	4.40	41	51	2.368	ug/l #	27
15) Acrylonitrile	5.13	53	28	6.584	ug/l #	19
16) Acetone	3.97	43	81	28.889	ug/l #	35
18) Methyl Acetate	4.34	43	51	4.741	ug/l #	49
21) trans-1,2-Dichloroethene	5.29	96	23	1.497	ug/l #	1
26) 2,2-Dichloropropane	7.21	77	30	1.419	ug/l #	51
29) Tetrahydrofuran	7.41	42	29	8.277	ug/l #	31
36) 1,1-Dichloropropene	7.87	75	27	1.132	ug/l #	1
41) Methacrylonitrile	7.35	41	42	7.333	ug/l #	100
43) Isopropyl Acetate	8.08	43	75	3.067	ug/l #	50
48) Methyl methacrylate	9.42	41	27	2.587	ug/l #	9
51) 4-Methyl-2-Pentanone	10.04	43	20	1.569	ug/l #	33
55) 1,1,2-Trichloroethane	10.49	97	56	4.030	ug/l #	13
60) Dibromochloromethane	11.20	129	22	1.482	ug/l #	10
67) Ethyl Benzene	11.69	91	164	2.202	ug/l #	43
70) Styrene	12.20	104	49	1.083	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.76	83	22	2.203	ug/l #	25
76) 1,2,3-Trichloropropane	12.54	75	49	6.068	ug/l #	100
79) 2-Chlorotoluene	12.84	91	53	1.554	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.48	75	266	70.257	ug/l #	19
82) 4-Chlorotoluene	12.84	91	53	1.496	ug/l #	40
87) 1,3-Dichlorobenzene	13.44	146	24	1.096	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	24	1.087	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.57	75	19	11.373	ug/l #	1

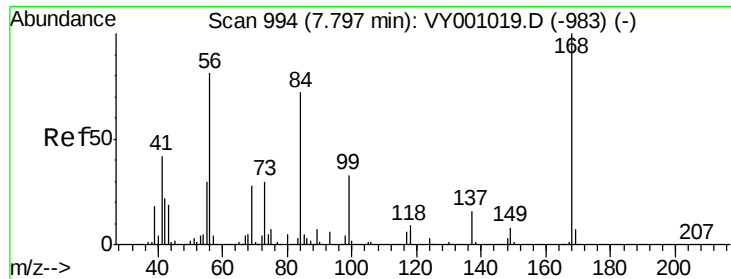
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

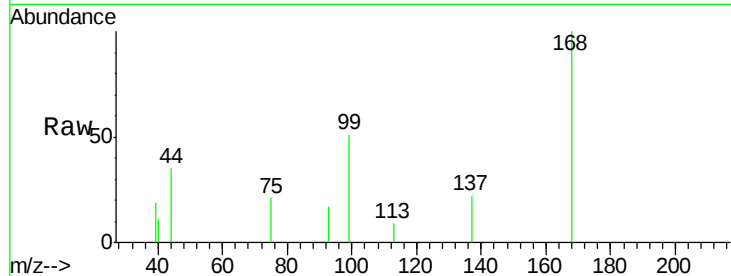
LIED-BF010-01

Tgt Ion:168 Resp: 1234

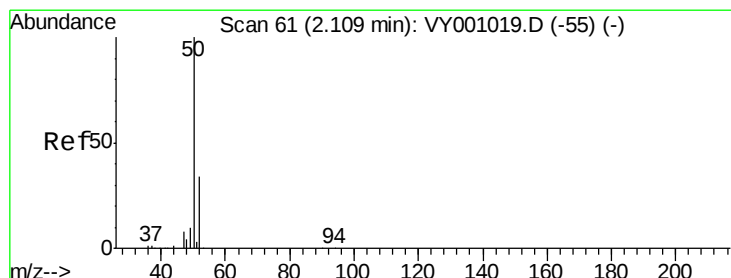
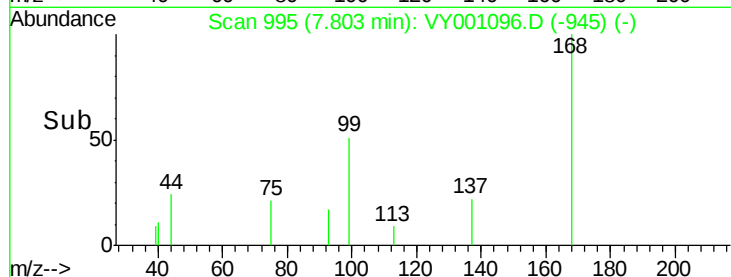
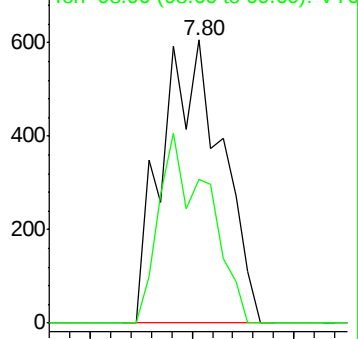
Ion Ratio Lower Upper

168 100

99 50.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)



#3

Chloromethane

Concen: 2.050 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY001096.D

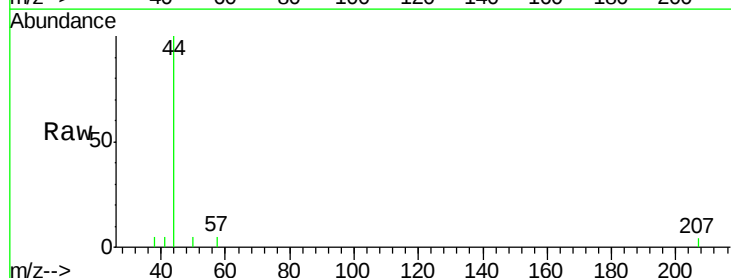
Acq: 27 Dec 2019 14:37

Tgt Ion: 50 Resp: 30

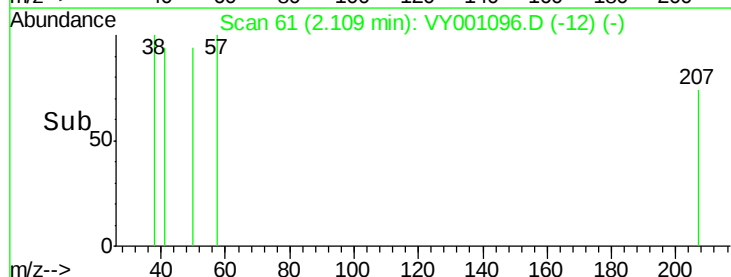
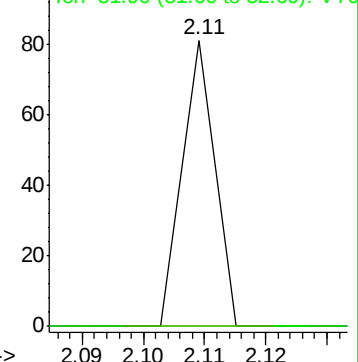
Ion Ratio Lower Upper

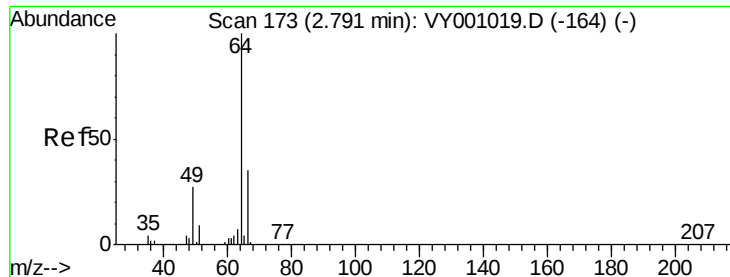
50 100

52 0.0 27.1 40.7#



Abundance Ion 49.90 (49.60 to 50.60): VY001019.D (-55) (-)





#6

Chloroethane

Concen: 5.761 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.15 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

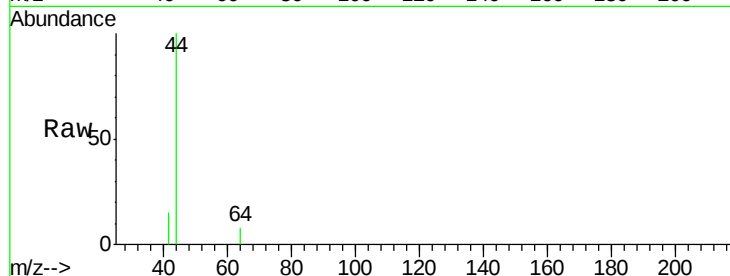
LIED-BF010-01

Tgt Ion: 64 Resp: 51

Ion Ratio Lower Upper

64 100

66 0.0 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.64

60

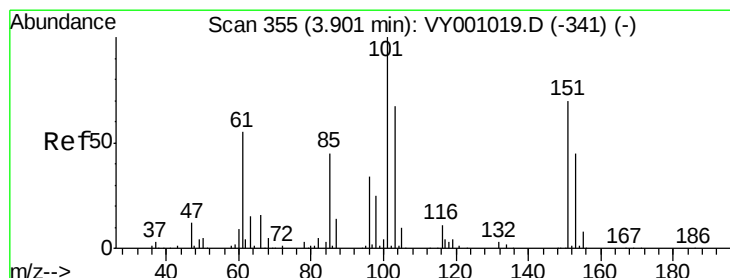
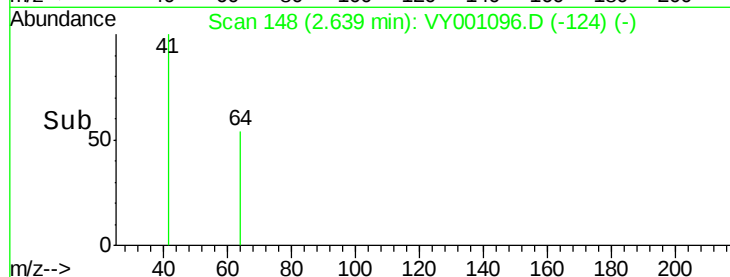
40

20

0

Time-->

2.62 2.64 2.66



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.826 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.13 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

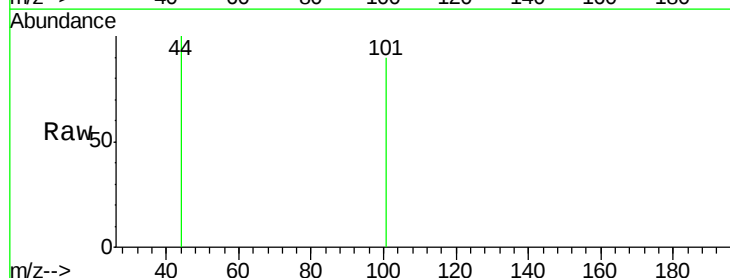
Tgt Ion: 101 Resp: 25

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V

3.77

80

60

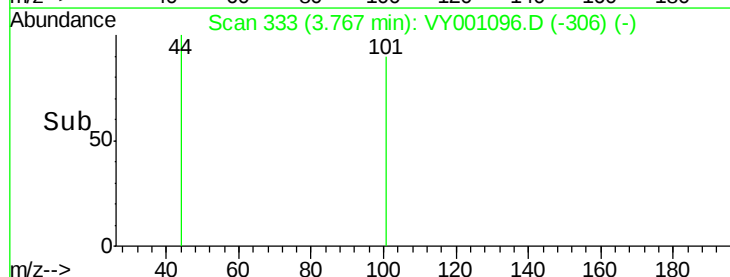
40

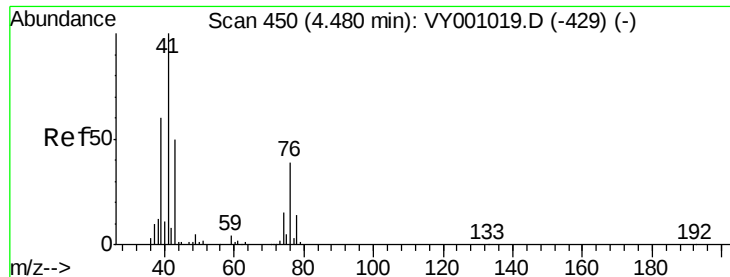
20

0

Time-->

3.75 3.76 3.77 3.78





#14

Allyl chloride

Concen: 2.368 ug/l

RT: 4.40 min Scan# 437

Delta R.T. -0.08 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

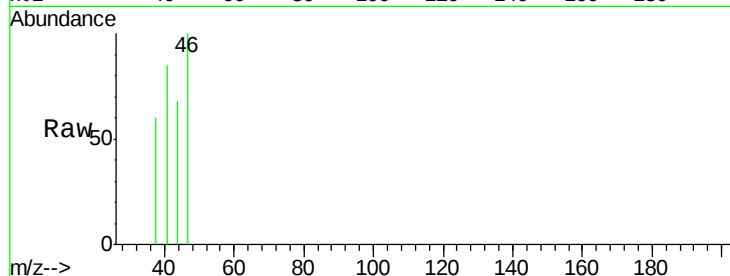
Tgt Ion: 41 Resp: 51

Ion Ratio Lower Upper

41 100

39 0.0 46.0 69.0#

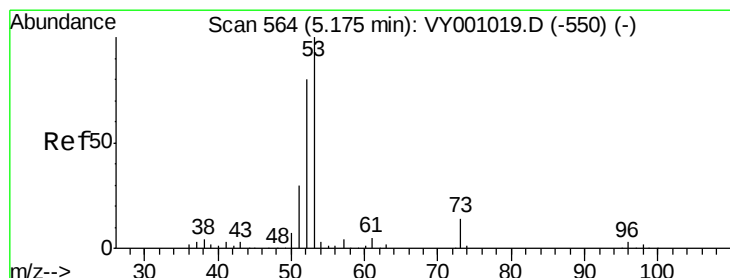
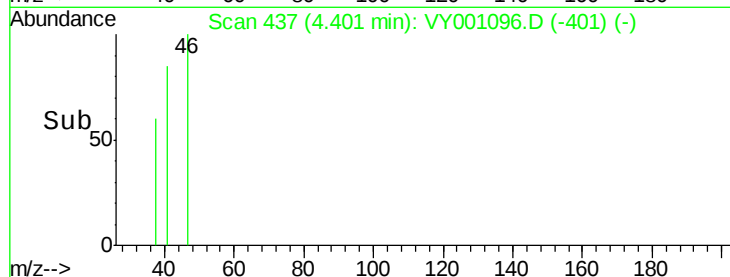
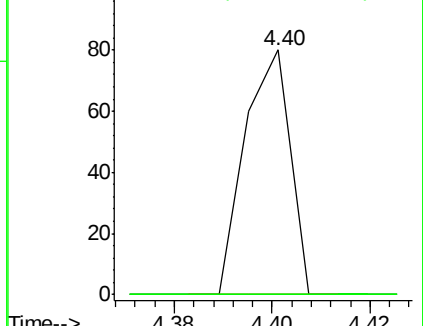
76 0.0 32.6 48.8#



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



#15

Acrylonitrile

Concen: 6.584 ug/l

RT: 5.13 min Scan# 556

Delta R.T. -0.05 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

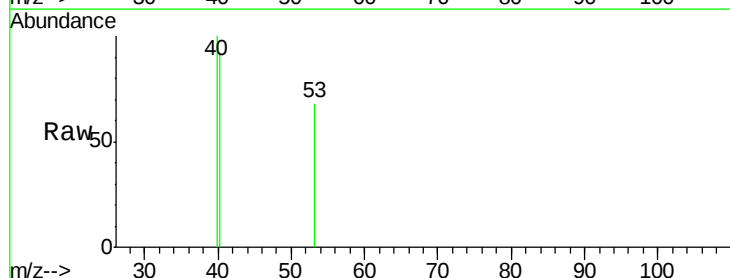
Tgt Ion: 53 Resp: 28

Ion Ratio Lower Upper

53 100

52 0.0 63.6 95.4#

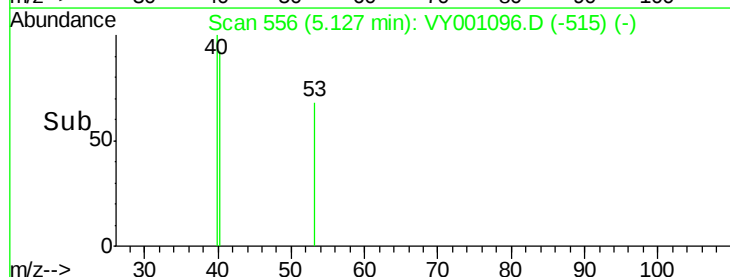
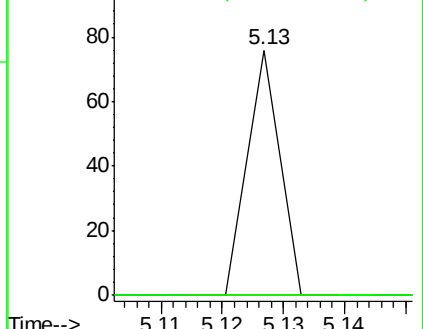
51 0.0 26.7 40.1#

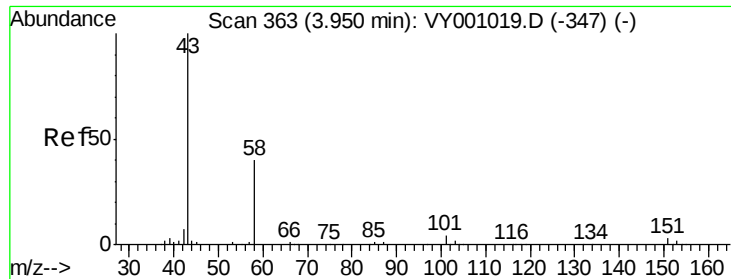


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0





#16

Acetone

Concen: 28.889 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

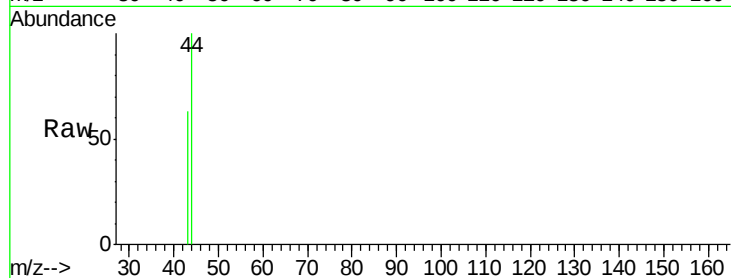
LIED-BF010-01

Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

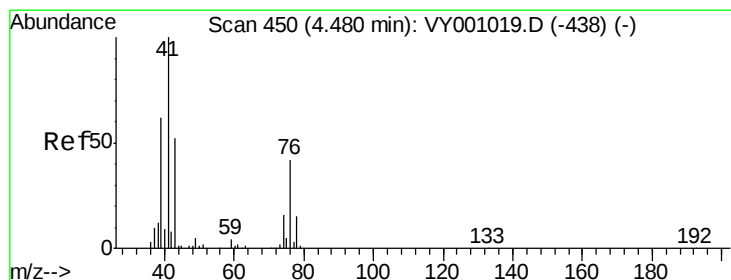
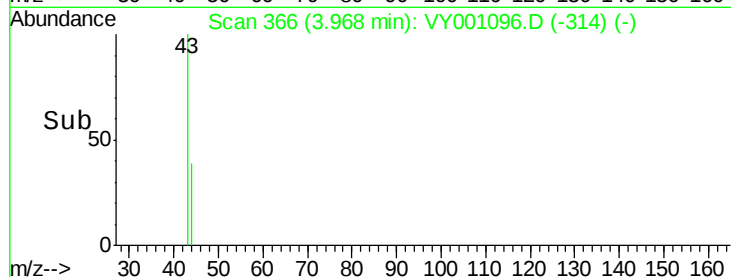
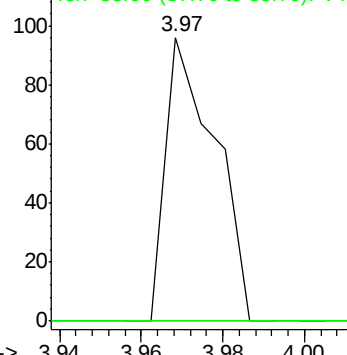
43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 4.741 ug/l

RT: 4.34 min Scan# 427

Delta R.T. -0.14 min

Lab File: VY001096.D

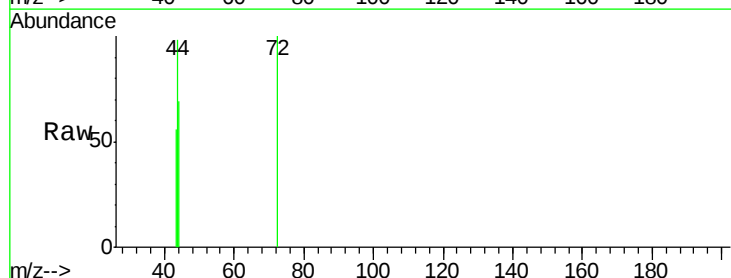
Acq: 27 Dec 2019 14:37

Tgt Ion: 43 Resp: 51

Ion Ratio Lower Upper

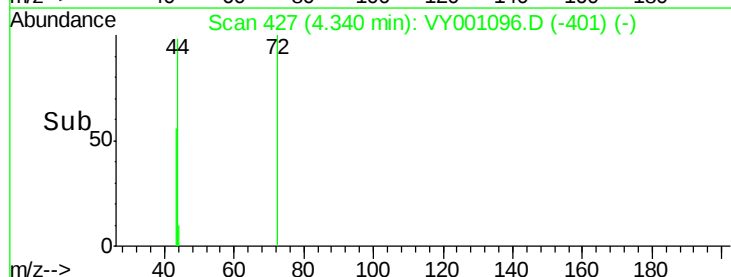
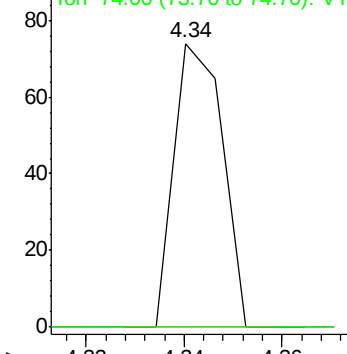
43 100

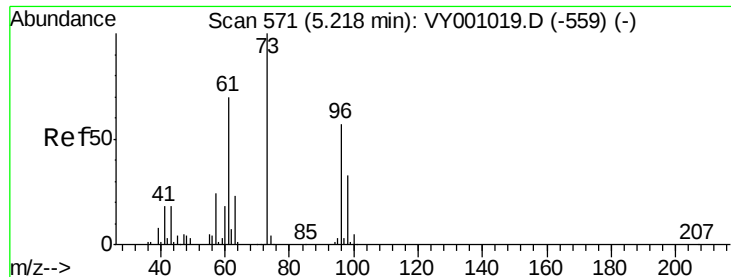
74 0.0 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#21

trans-1,2-Dichloroethene

Concen: 1.497 ug/l

RT: 5.29 min Scan# 582

Delta R.T. 0.07 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

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ClientSampleId :

LIED-BF010-01

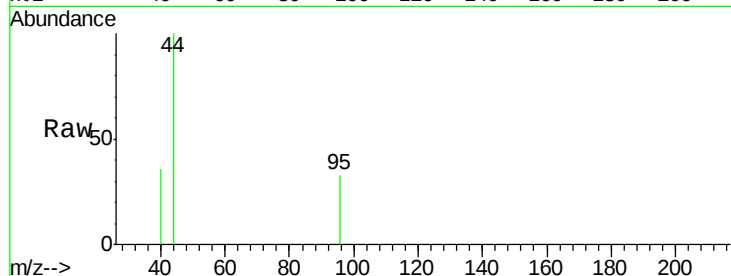
Tgt Ion: 96 Resp: 23

Ion Ratio Lower Upper

96 100

61 0.0 98.1 147.1#

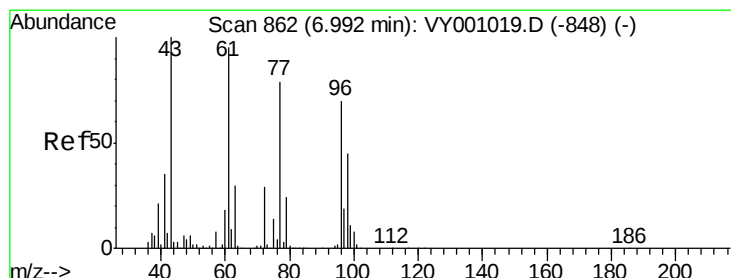
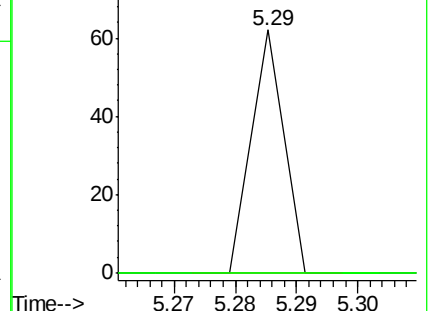
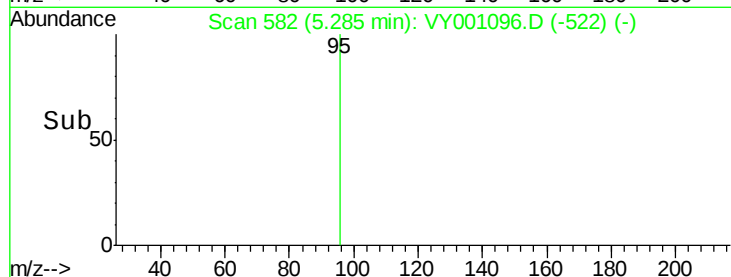
98 0.0 47.2 70.8#



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#26

2,2-Dichloropropane

Concen: 1.419 ug/l

RT: 7.21 min Scan# 897

Delta R.T. 0.21 min

Lab File: VY001096.D

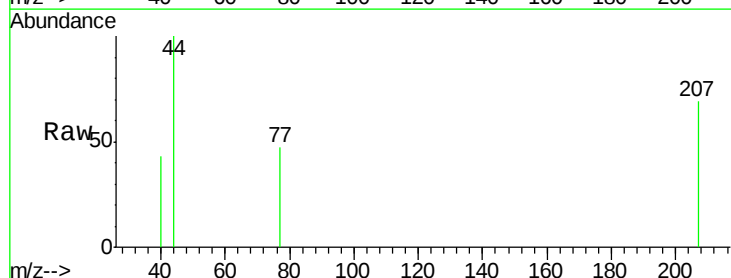
Acq: 27 Dec 2019 14:37

Tgt Ion: 77 Resp: 30

Ion Ratio Lower Upper

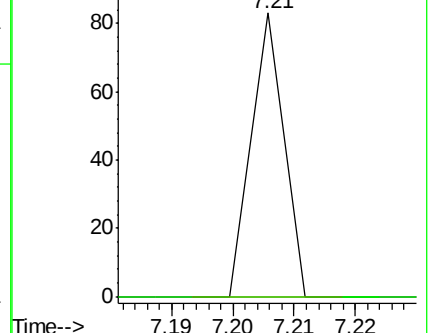
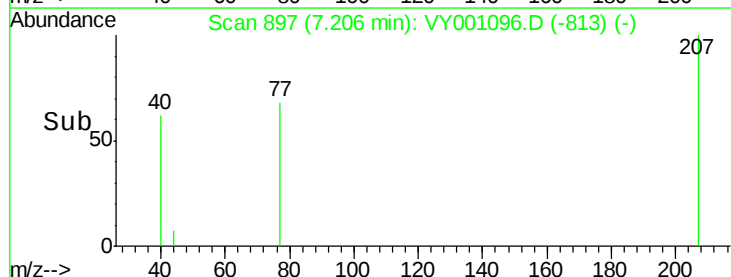
77 100

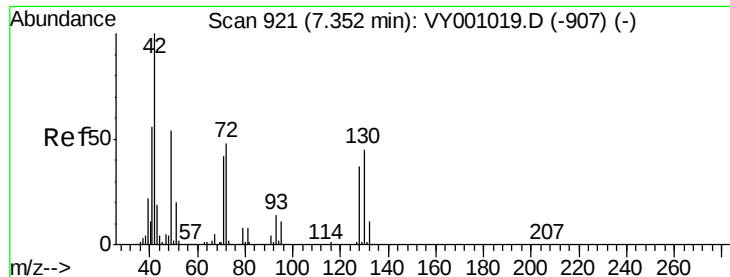
97 0.0 12.0 36.1#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

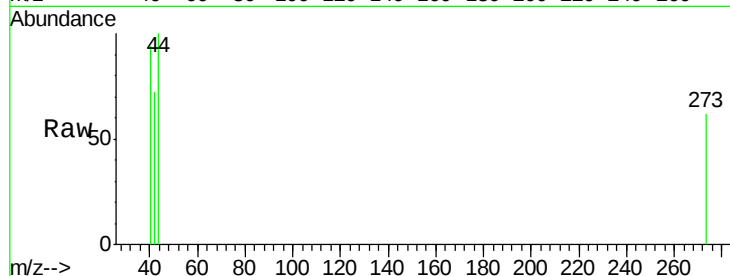




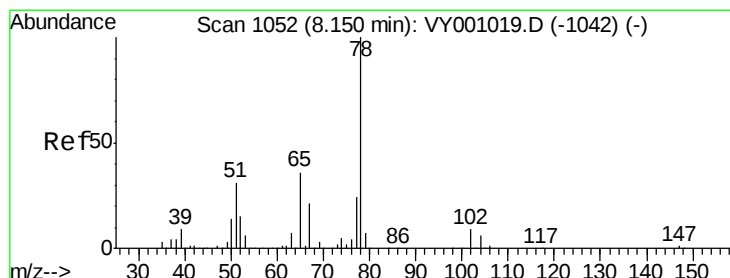
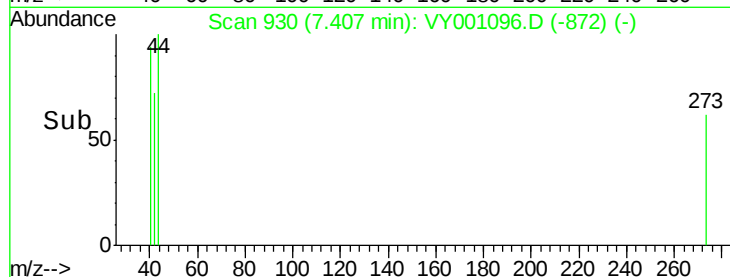
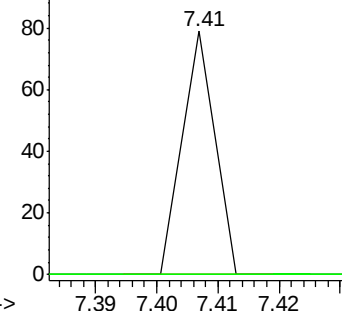
#29
Tetrahydrofuran
Concen: 8.277 ug/l
RT: 7.41 min Scan# 930
Delta R.T. 0.06 min
Lab File: VY001096.D
Acq: 27 Dec 2019 14:37

Instrument :
MSVOA_Y
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LIED-BF010-01

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
72 0.0 37.7 56.5#
71 0.0 34.6 51.8#

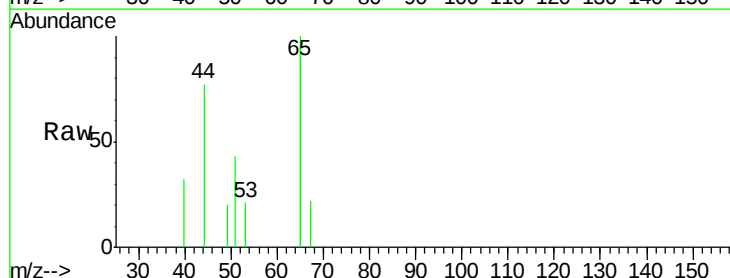


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

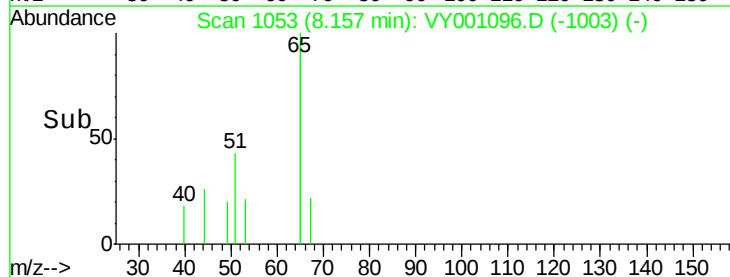
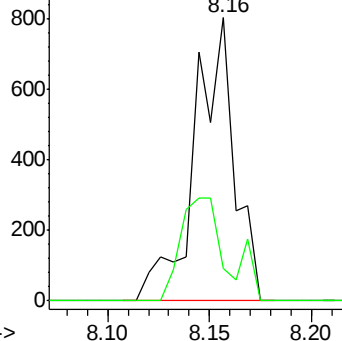


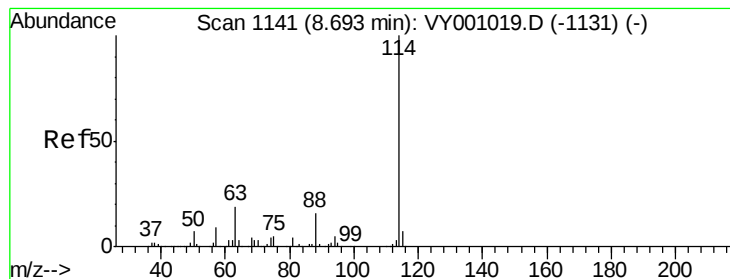
#33
1,2-Dichloroethane-d4
Concen: 89.724 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY001096.D
Acq: 27 Dec 2019 14:37

Tgt Ion: 65 Resp: 1092
Ion Ratio Lower Upper
65 100
67 42.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

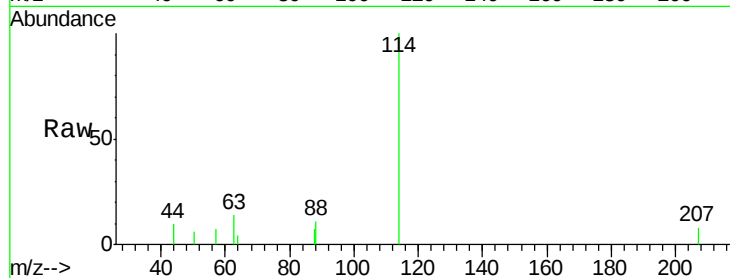
Tgt Ion:114 Resp: 2501

Ion Ratio Lower Upper

114 100

63 13.6 0.0 37.0

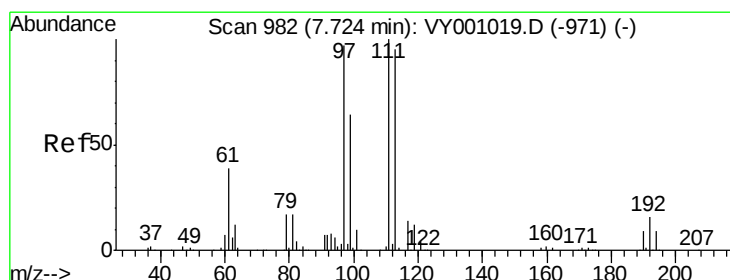
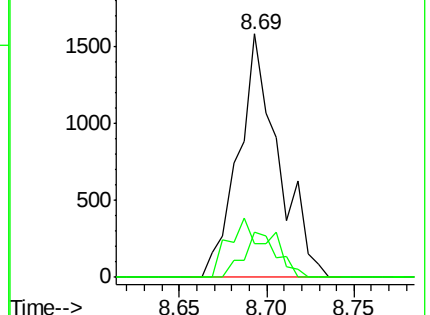
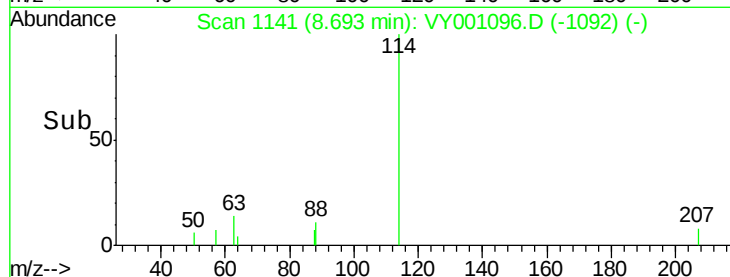
88 18.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 1.290 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.08 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

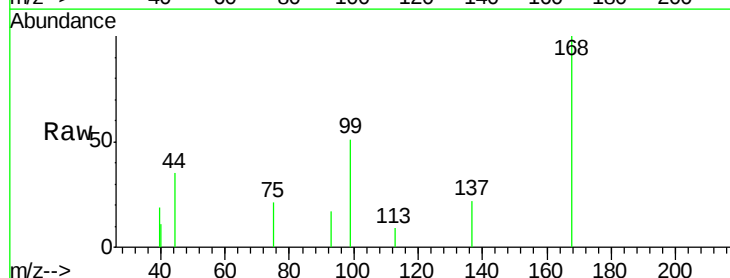
Tgt Ion:113 Resp: 19

Ion Ratio Lower Upper

113 100

111 0.0 83.0 124.4#

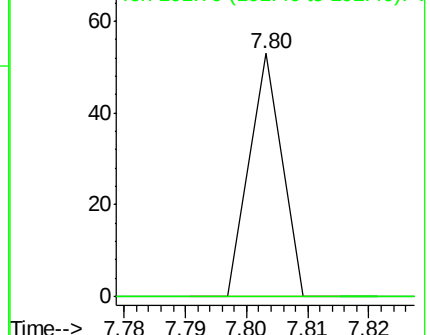
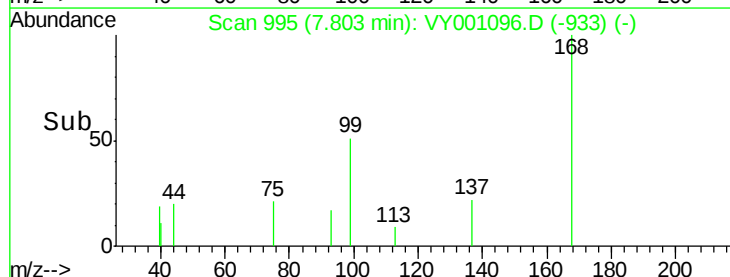
192 0.0 14.6 21.8#

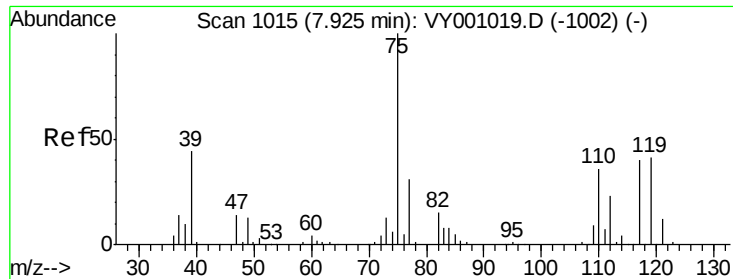


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 1.132 ug/l

RT: 7.87 min Scan# 1006

Delta R.T. -0.05 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

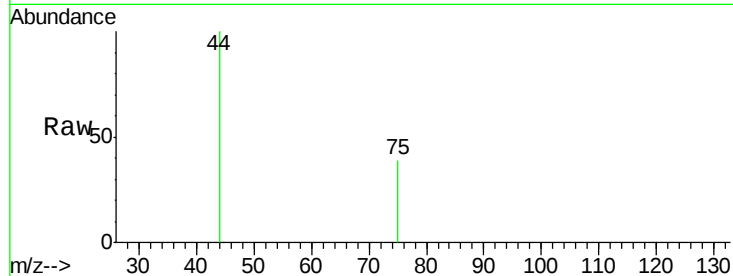
Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

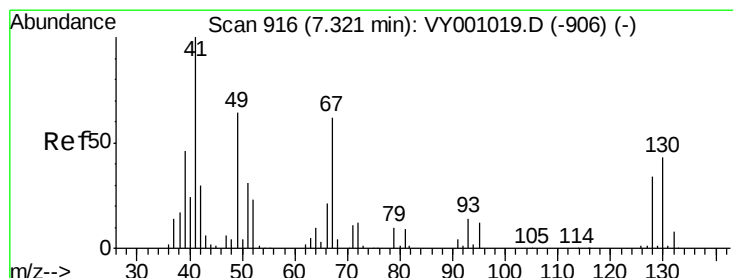
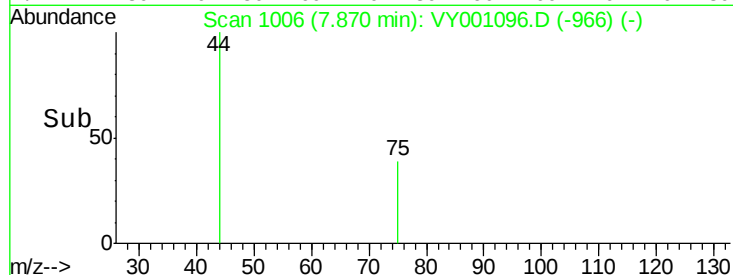
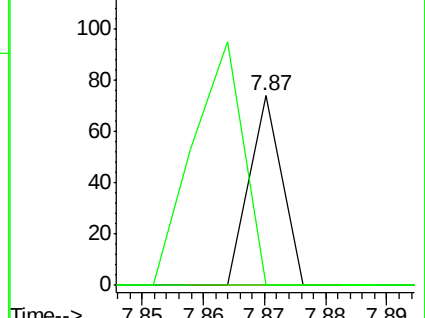
77 200.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#41

Methacrylonitrile

Concen: 7.333 ug/l

RT: 7.35 min Scan# 920

Delta R.T. 0.02 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Tgt Ion: 41 Resp: 42

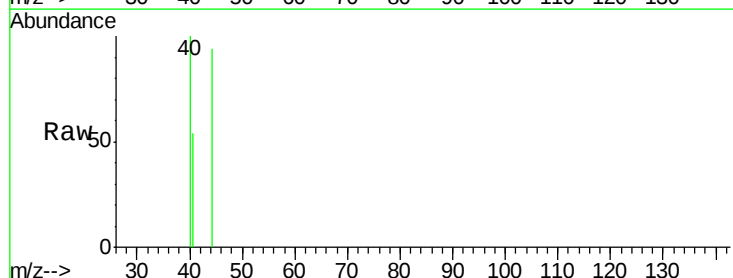
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

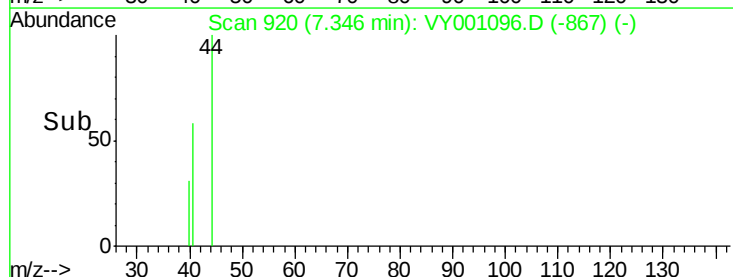
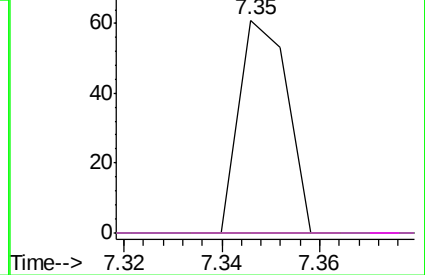


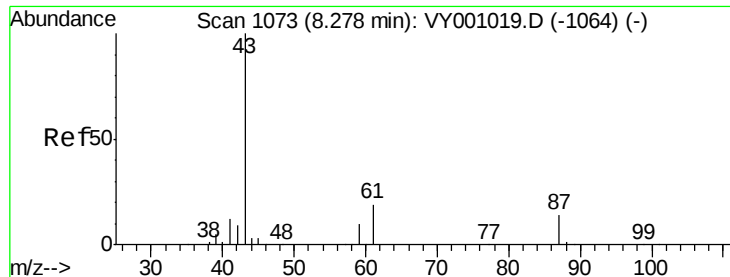
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#43

Isopropyl Acetate

Concen: 3.067 ug/l

RT: 8.08 min Scan# 1040

Delta R.T. -0.20 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

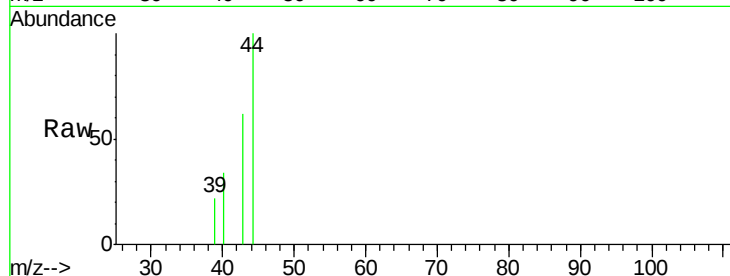
Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

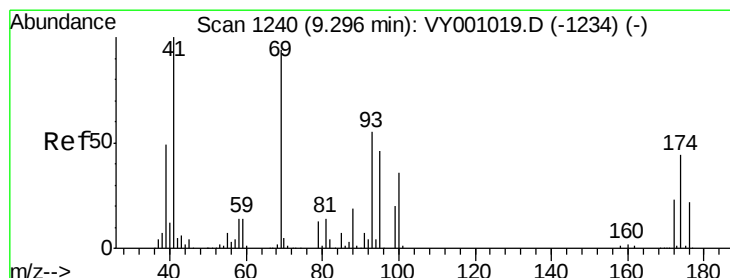
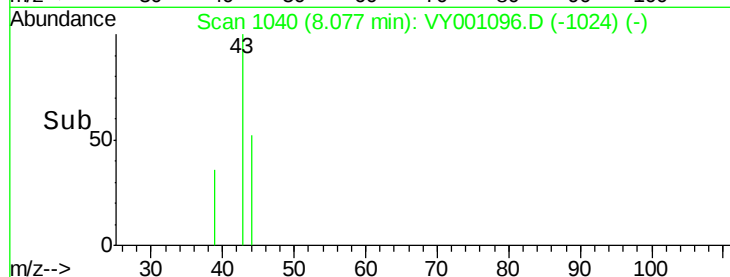
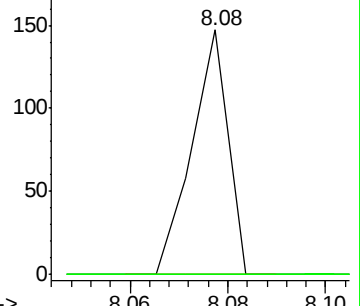
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#48

Methyl methacrylate

Concen: 2.587 ug/l

RT: 9.42 min Scan# 1261

Delta R.T. 0.13 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

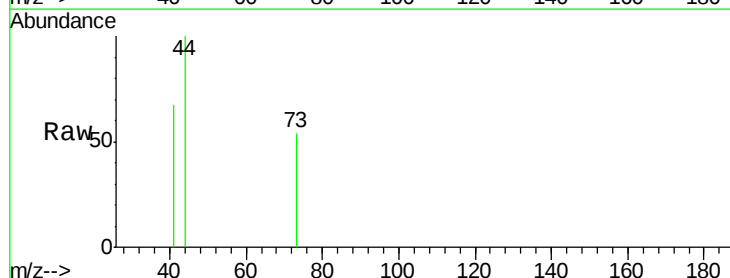
Tgt Ion: 41 Resp: 27

Ion Ratio Lower Upper

41 100

69 0.0 79.8 119.6#

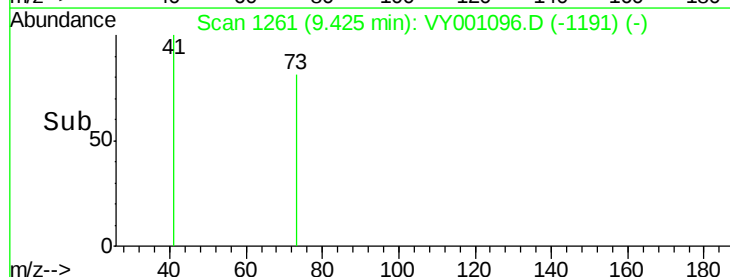
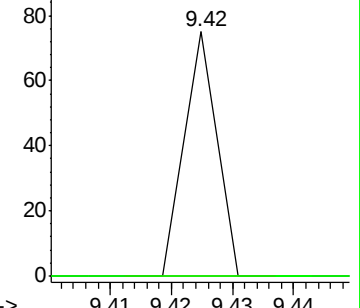
39 0.0 41.7 62.5#

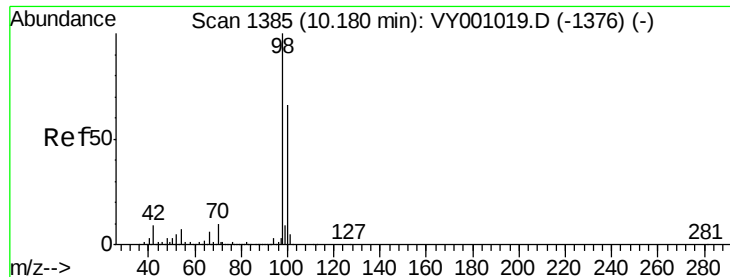


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 51.656 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

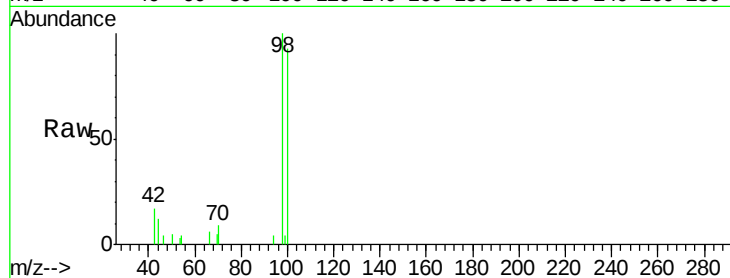
LIED-BF010-01

Tgt Ion: 98 Resp: 2973

Ion Ratio Lower Upper

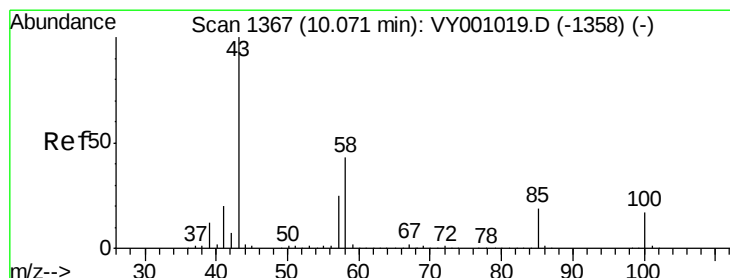
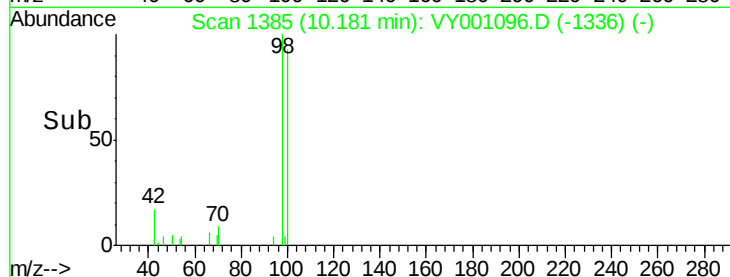
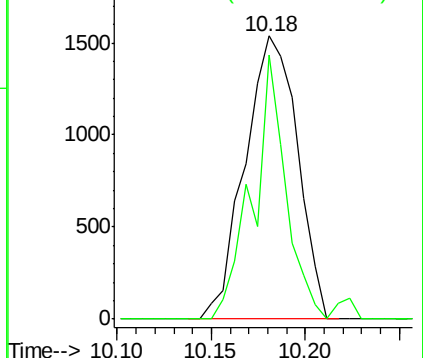
98 100

100 58.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#51

4-Methyl-2-Pentanone

Concen: 1.569 ug/l

RT: 10.04 min Scan# 1362

Delta R.T. -0.03 min

Lab File: VY001096.D

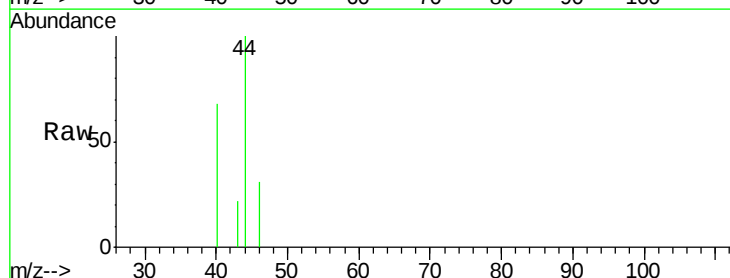
Acq: 27 Dec 2019 14:37

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

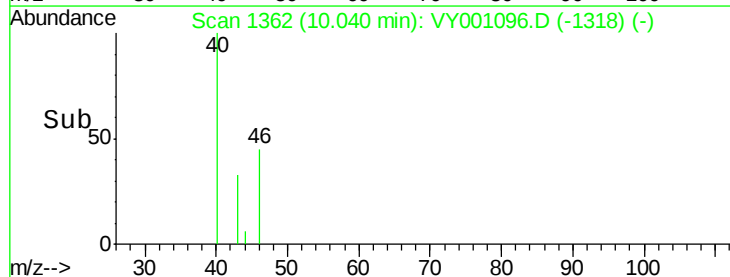
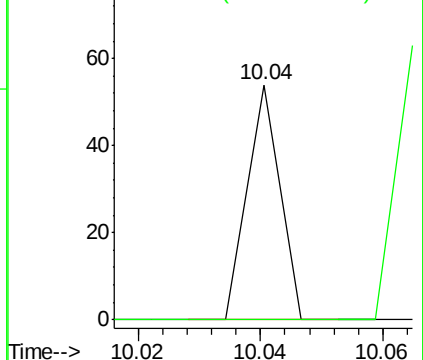
43 100

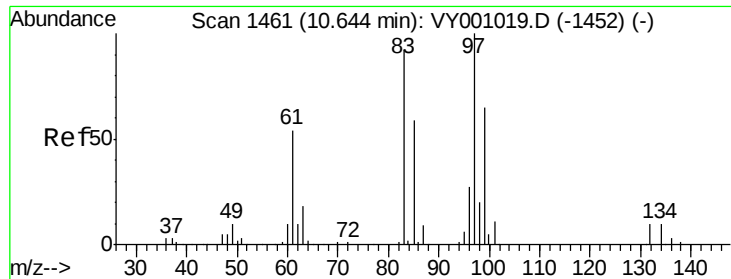
58 0.0 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#55

1,1,2-Trichloroethane

Concen: 4.030 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. -0.16 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampled :

LIED-BF010-01

Tgt Ion: 97 Resp: 56

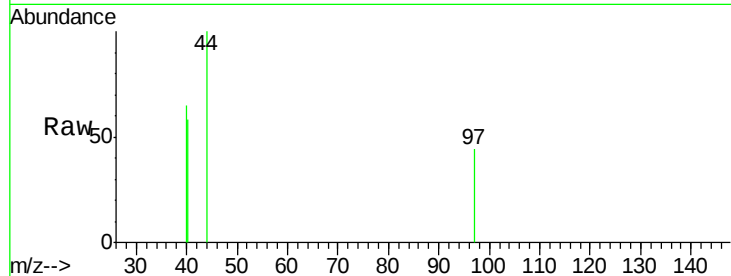
Ion Ratio Lower Upper

97 100

83 0.0 73.7 110.5#

85 0.0 47.3 70.9#

99 0.0 51.9 77.9#

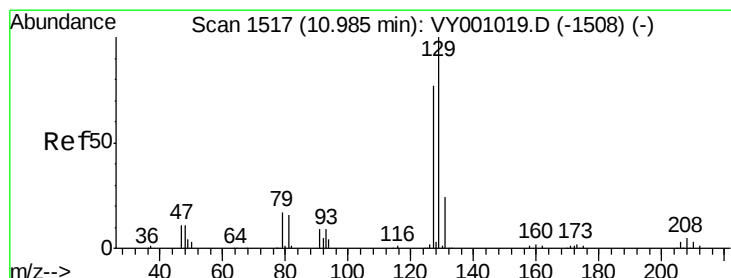
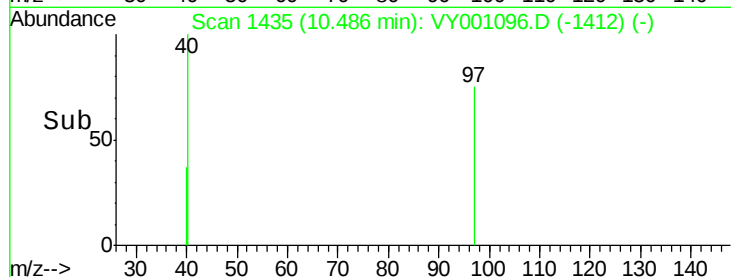
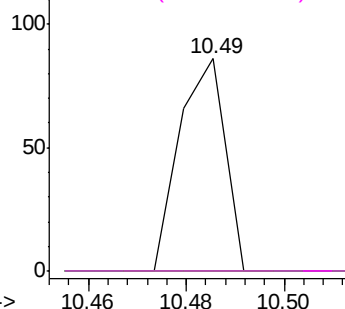


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#60

Dibromochloromethane

Concen: 1.482 ug/l

RT: 11.20 min Scan# 1552

Delta R.T. 0.21 min

Lab File: VY001096.D

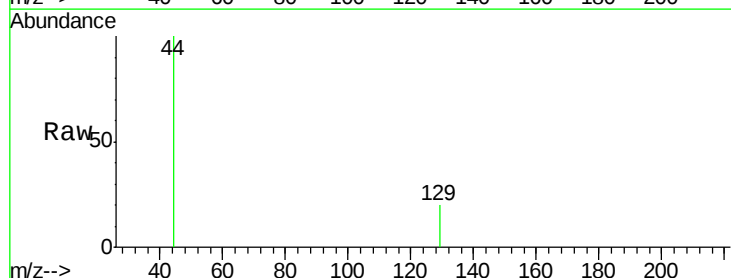
Acq: 27 Dec 2019 14:37

Tgt Ion: 129 Resp: 22

Ion Ratio Lower Upper

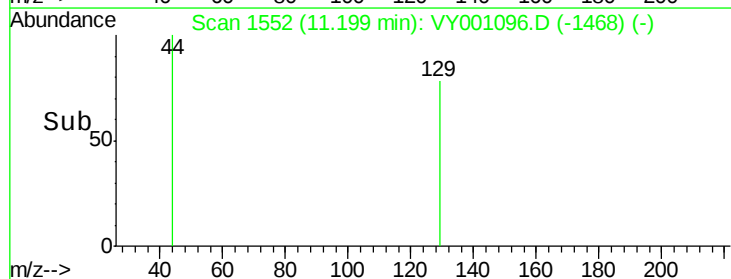
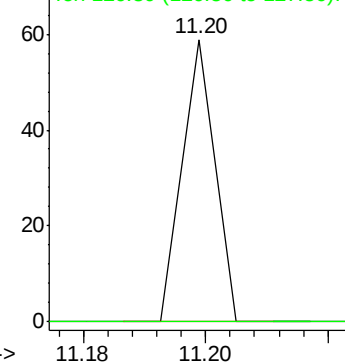
129 100

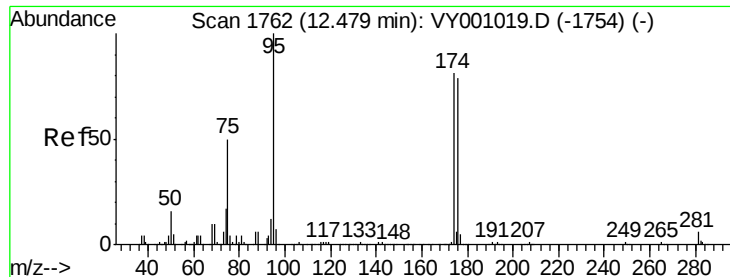
127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

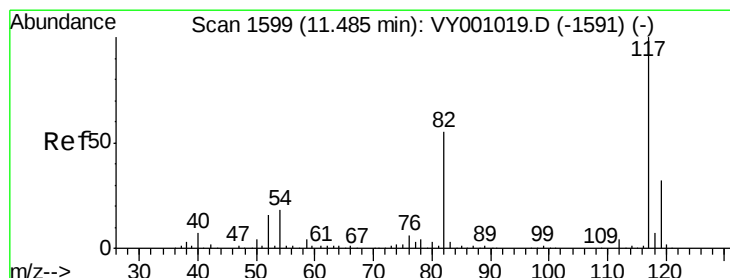
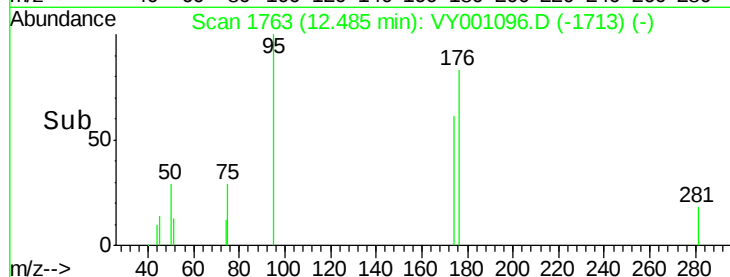
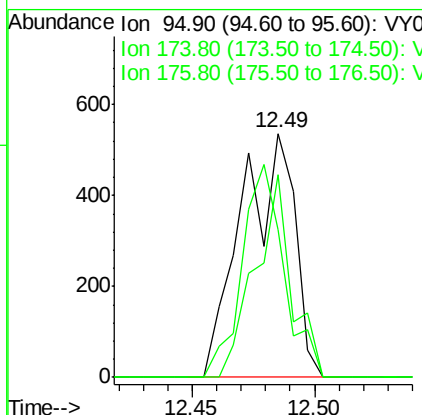
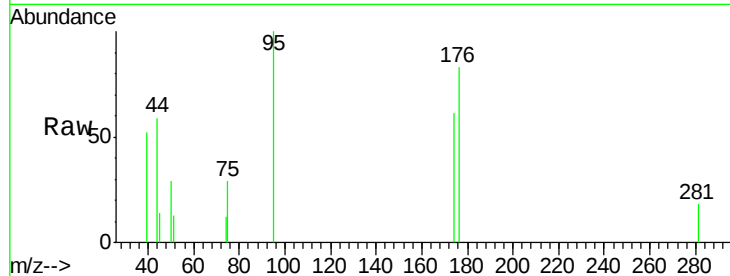




#62
4-Bromofluorobenzene
Concen: 38.493 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY001096.D
Acq: 27 Dec 2019 14:37

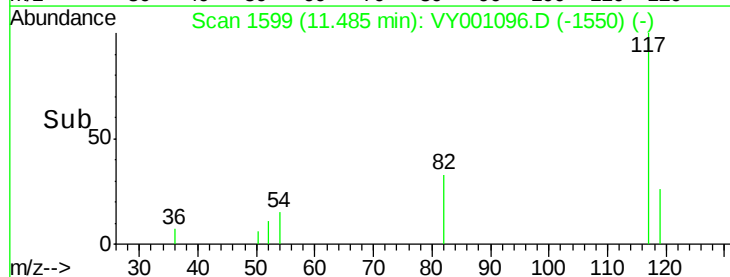
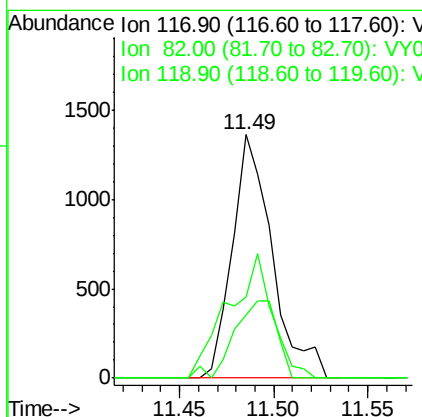
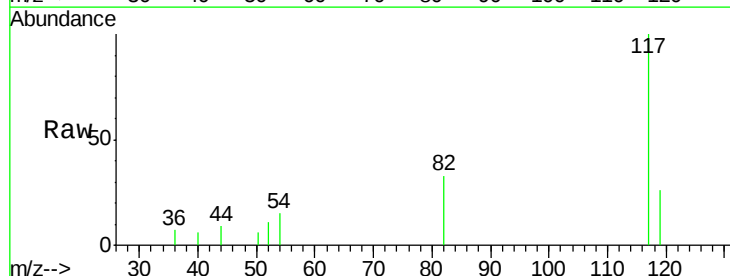
Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF010-01

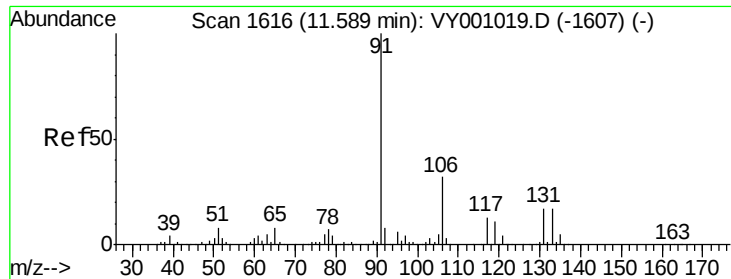
Tgt Ion: 95 Resp: 810
Ion Ratio Lower Upper
95 100
174 69.0 0.0 156.4
176 57.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001096.D
Acq: 27 Dec 2019 14:37

Tgt Ion: 117 Resp: 1996
Ion Ratio Lower Upper
117 100
82 33.3 43.8 65.8#
119 26.2 25.8 38.6

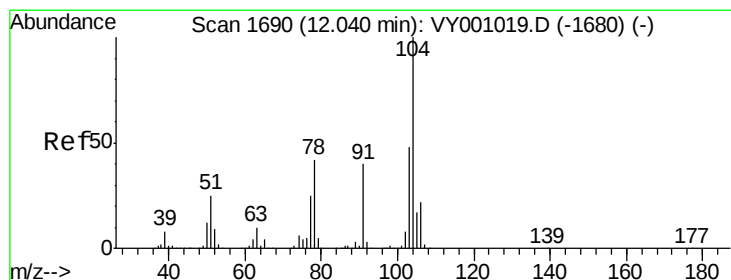
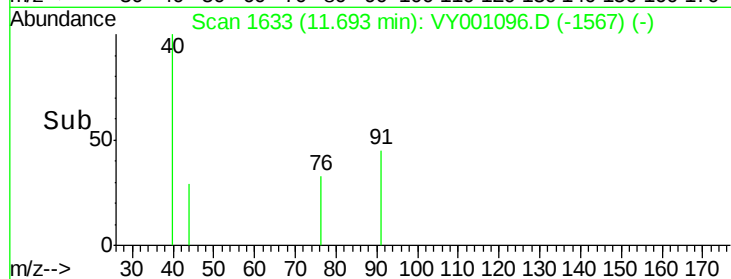
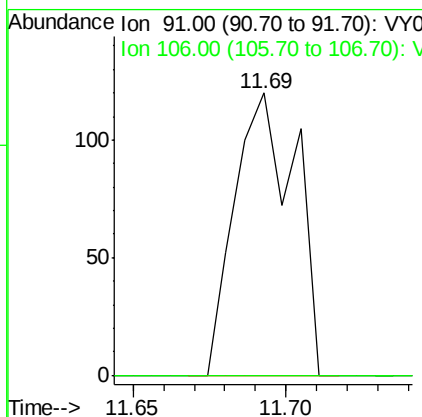
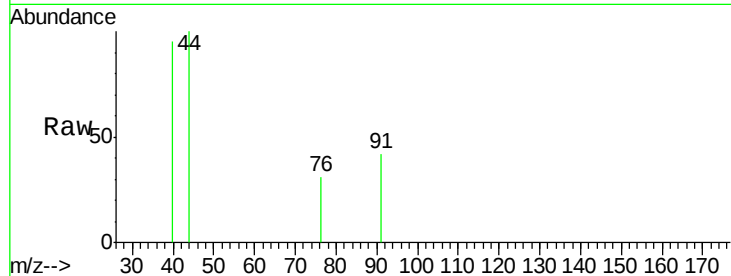




#67
 Ethyl Benzene
 Concen: 2.202 ug/l
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.10 min
 Lab File: VY001096.D
 Acq: 27 Dec 2019 14:37

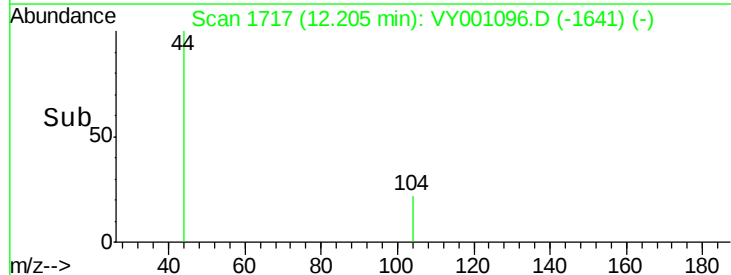
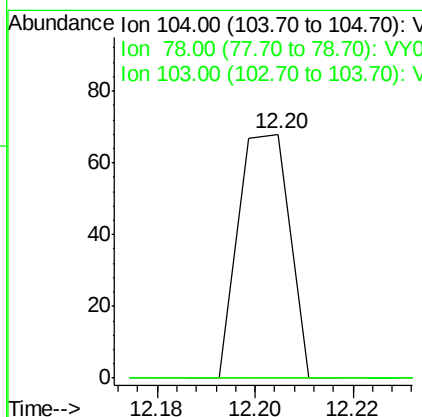
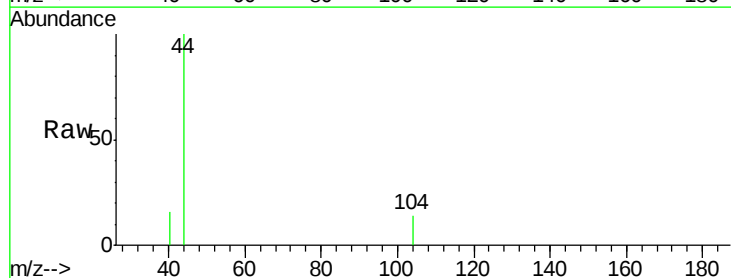
Instrument :
 MSVOA_Y
 ClientSampled :
 LIED-BF010-01

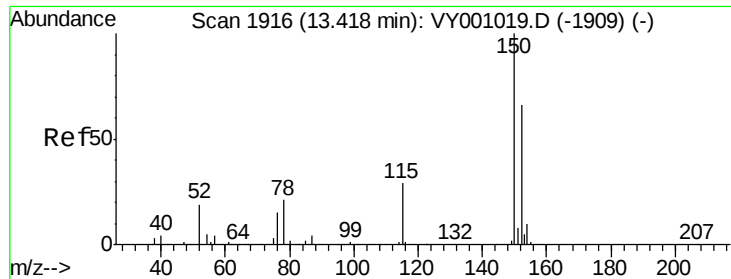
Tgt Ion: 91 Resp: 164
 Ion Ratio Lower Upper
 91 100
 106 0.0 25.3 37.9#



#70
 Styrene
 Concen: 1.083 ug/l
 RT: 12.20 min Scan# 1717
 Delta R.T. 0.16 min
 Lab File: VY001096.D
 Acq: 27 Dec 2019 14:37

Tgt Ion: 104 Resp: 49
 Ion Ratio Lower Upper
 104 100
 78 0.0 36.6 54.8#
 103 0.0 42.6 64.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

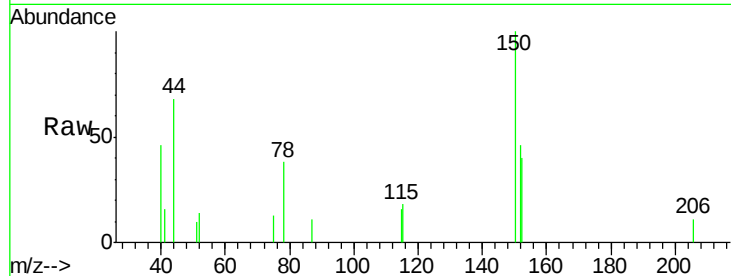
Tgt Ion:152 Resp: 655

Ion Ratio Lower Upper

152 100

115 75.9 29.8 89.3

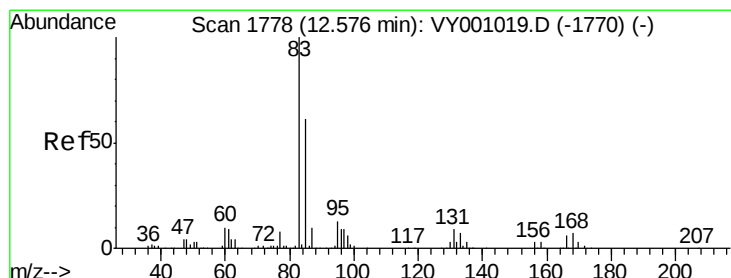
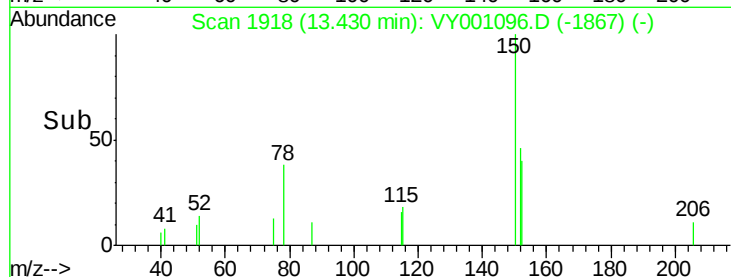
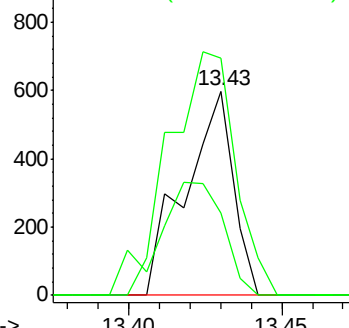
150 159.8 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: 2.203 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

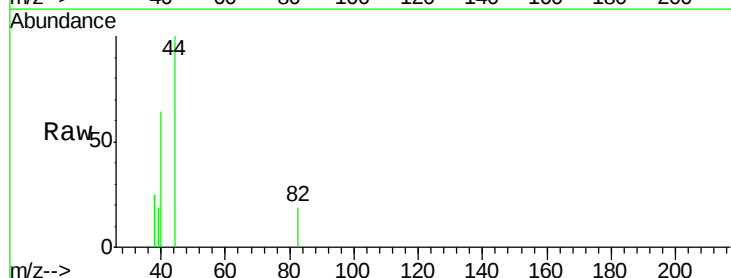
Tgt Ion: 83 Resp: 22

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

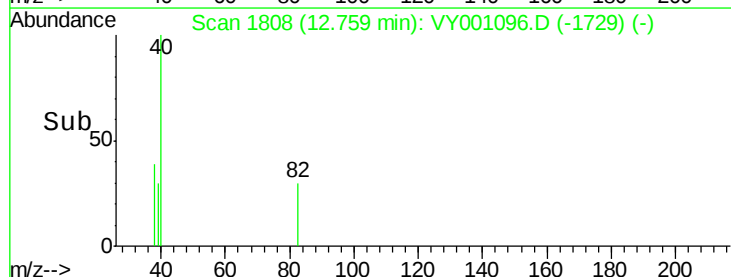
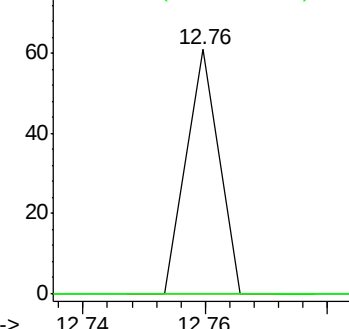
85 0.0 32.1 96.5#

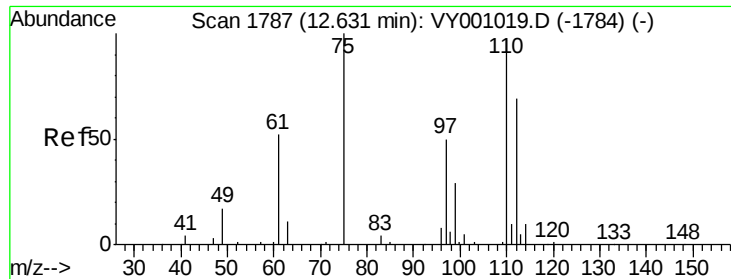


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

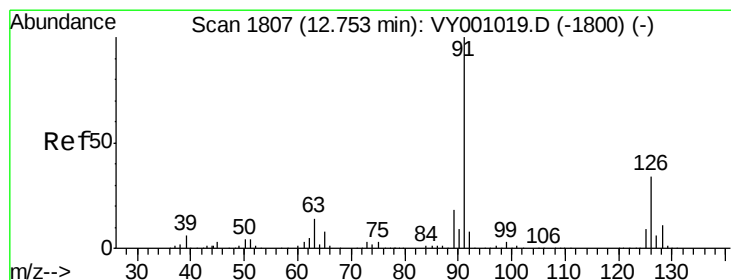
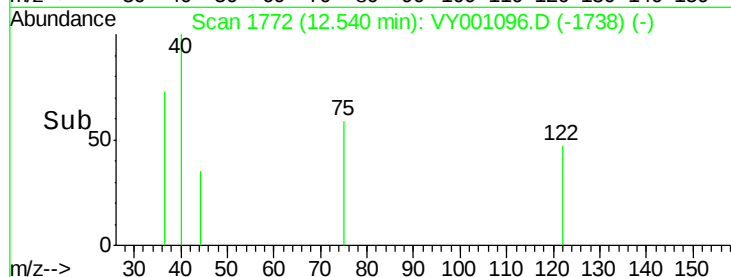
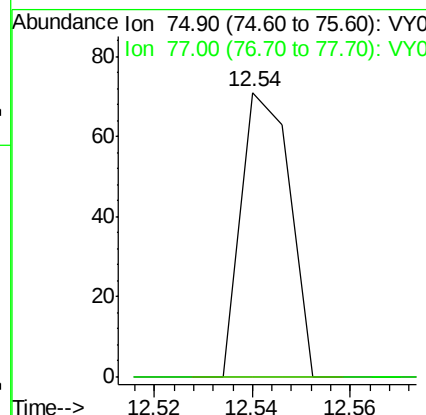
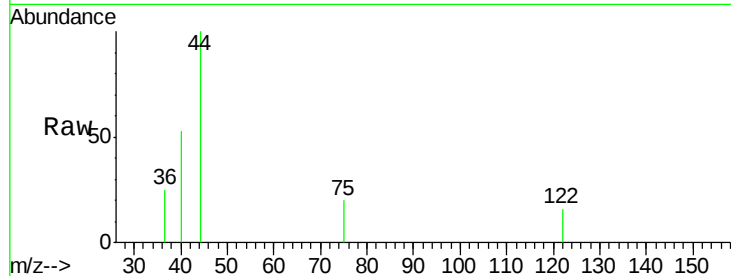




#76
 1,2,3-Trichloropropane
 Concen: 6.068 ug/l
 RT: 12.54 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: VY001096.D
 Acq: 27 Dec 2019 14:37

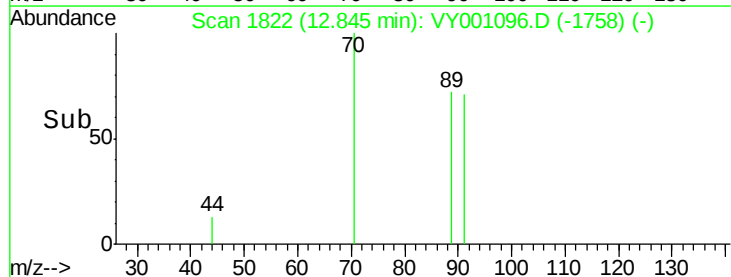
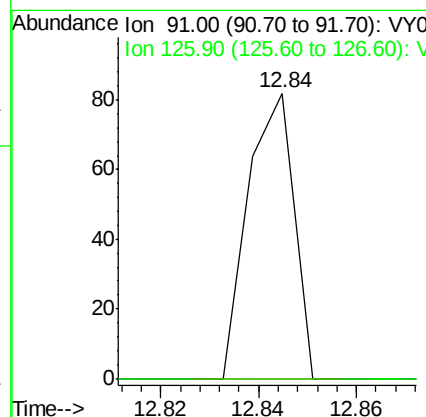
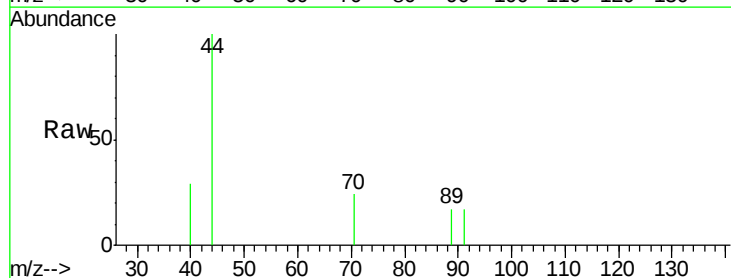
Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF010-01

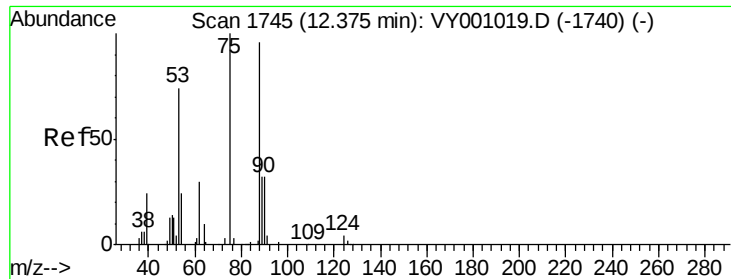
Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#79
 2-Chlorotoluene
 Concen: 1.554 ug/l
 RT: 12.84 min Scan# 1822
 Delta R.T. 0.09 min
 Lab File: VY001096.D
 Acq: 27 Dec 2019 14:37

Tgt Ion: 91 Resp: 53
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 51.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 70.257 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01

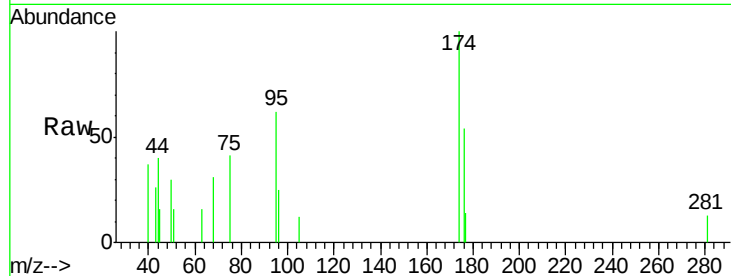
Tgt Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

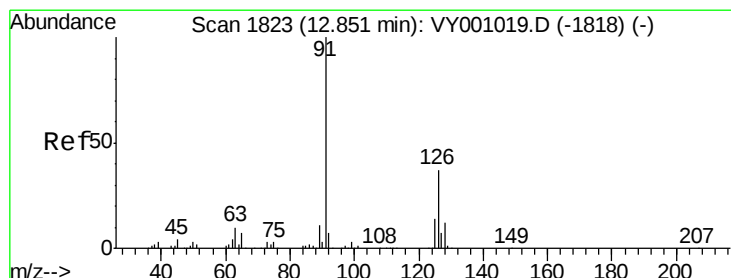
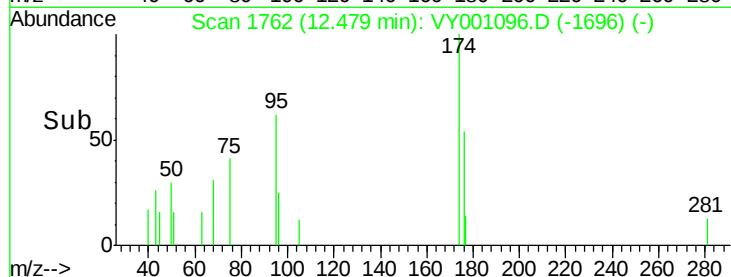
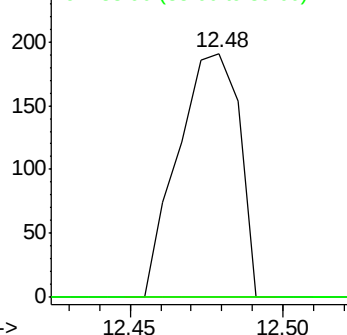
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 1.496 ug/l

RT: 12.84 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VY001096.D

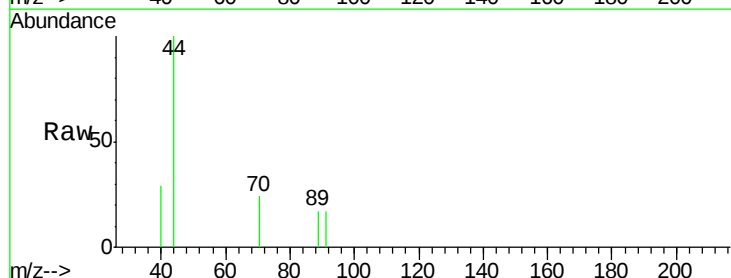
Acq: 27 Dec 2019 14:37

Tgt Ion: 91 Resp: 53

Ion Ratio Lower Upper

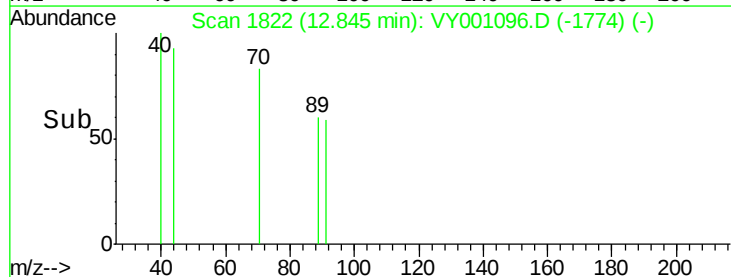
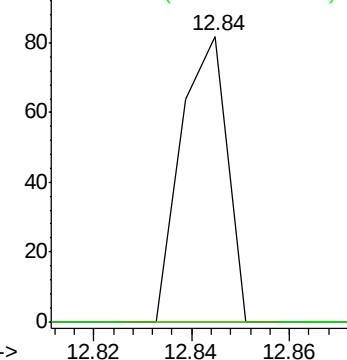
91 100

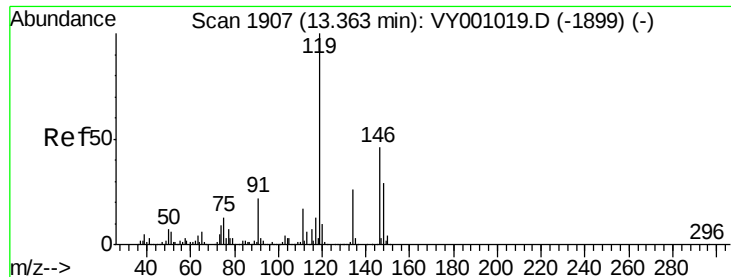
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#87

1,3-Dichlorobenzene

Concen: 1.096 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.08 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Instrument :

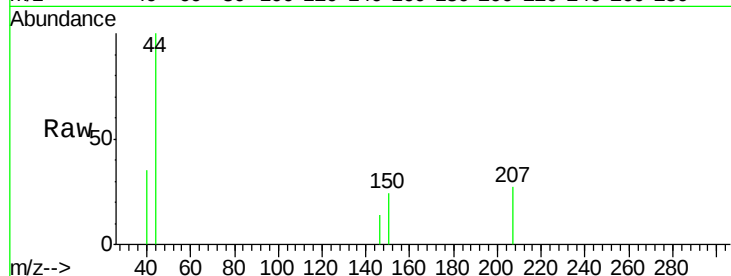
MSVOA_Y

ClientSampleId :

LIED-BF010-01

Tgt Ion:146 Resp: 24

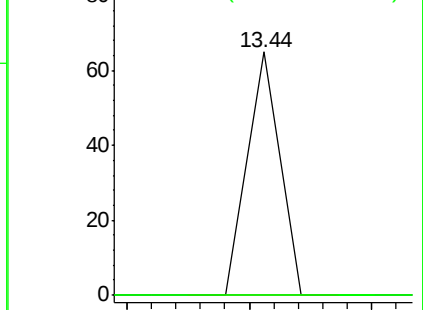
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.0#
148	0.0	31.9	95.5#



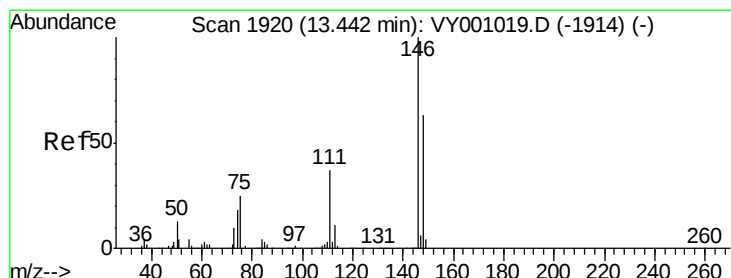
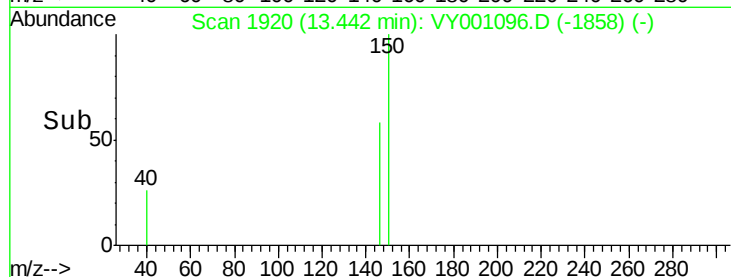
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 13.42 13.44 13.46



#88

1,4-Dichlorobenzene

Concen: 1.087 ug/l

RT: 13.44 min Scan# 1920

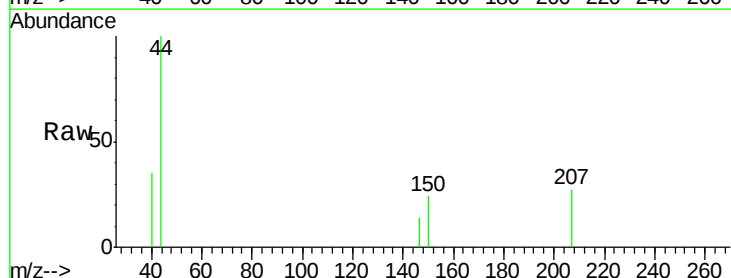
Delta R.T. 0.00 min

Lab File: VY001096.D

Acq: 27 Dec 2019 14:37

Tgt Ion:146 Resp: 24

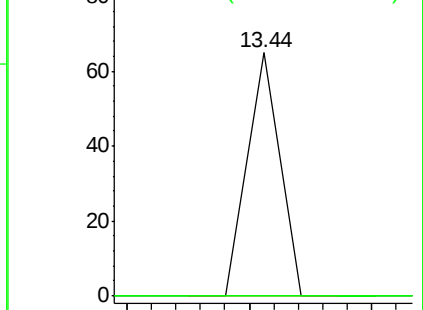
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	0.0	31.8	95.3#



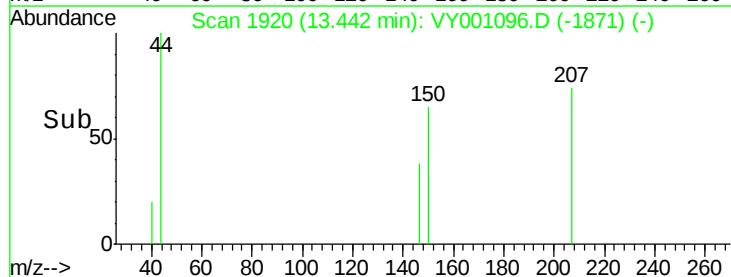
Abundance Ion 145.90 (145.60 to 146.60): V

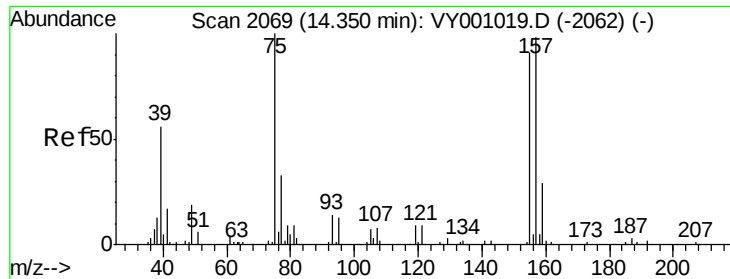
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 13.42 13.44 13.46





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.373 ug/l

RT: 14.57 min Scan# 2105

Delta R.T. 0.22 min

Lab File: VY001096.D

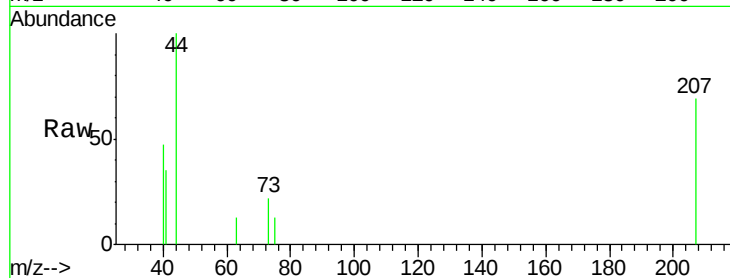
Acq: 27 Dec 2019 14:37

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF010-01



Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

155 0.0 46.3 138.9#

157 0.0 58.1 174.4#

Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

