

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001095.D
 Acq On : 27 Dec 2019 14:15
 Operator : SY/MD
 Sample : K6439-17
 Misc : 4.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF014-01

Quant Time: Dec 28 04:02:31 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	50560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	91355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	77258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	24472	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.73	113	25700	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.18	98	102405	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.48	95	29479	38.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.70%	

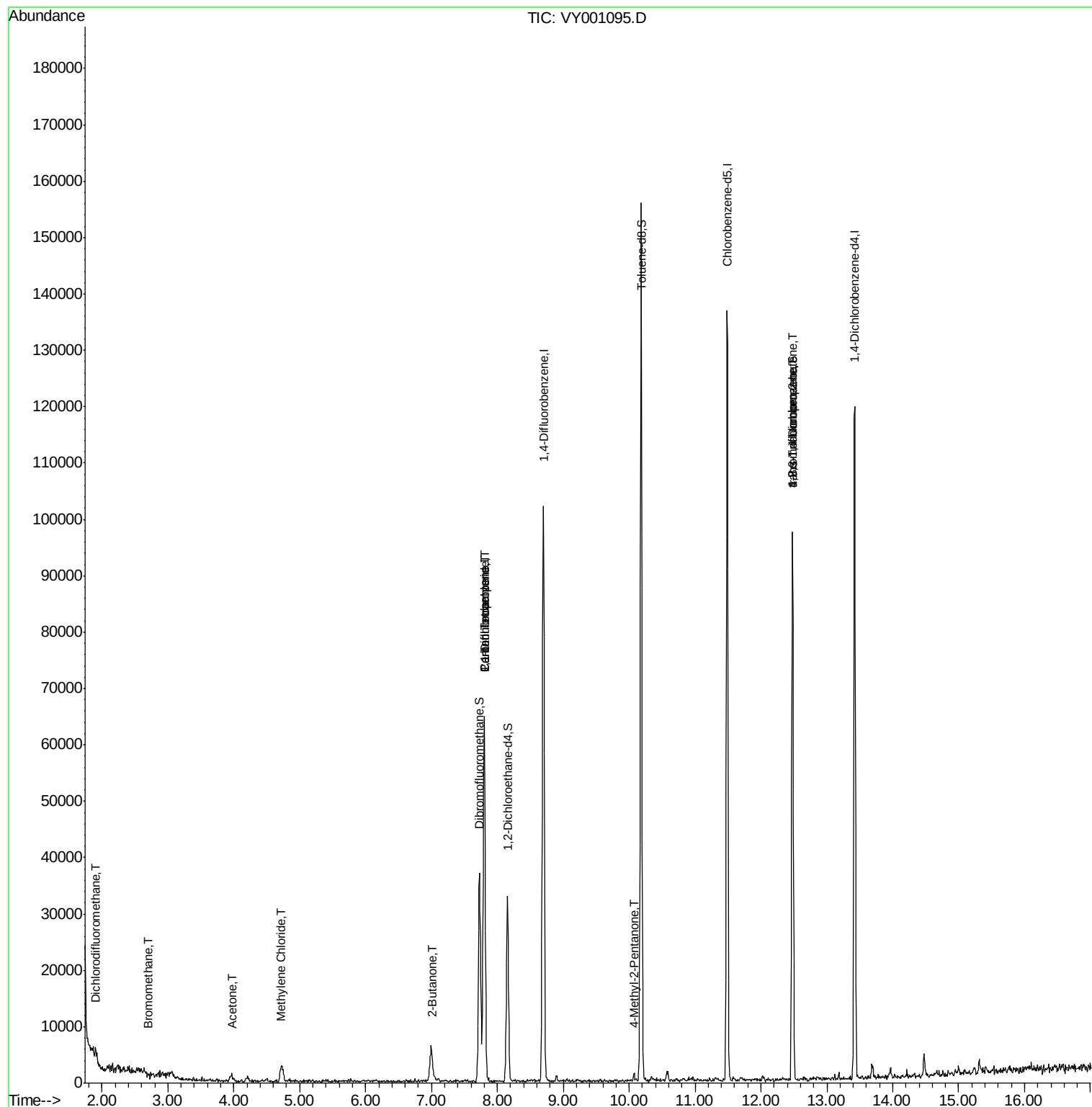
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	1967	4.465	ug/l	83
5) Bromomethane	2.69	94	111	1.013	ug/l #	3
16) Acetone	3.97	43	2149	18.707	ug/l #	77
20) Methylene Chloride	4.72	84	2505	3.705	ug/l #	62
25) 2-Butanone	7.02	43	645	3.196	ug/l #	47
36) 1,1-Dichloropropene	7.81	75	4045	4.641	ug/l #	45
38) Carbon Tetrachloride	7.80	117	5043	6.604	ug/l #	13
51) 4-Methyl-2-Pentanone	10.08	43	522	1.121	ug/l #	69
76) 1,2,3-Trichloropropane	12.48	75	15078	39.828	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	15078	84.944	ug/l #	19

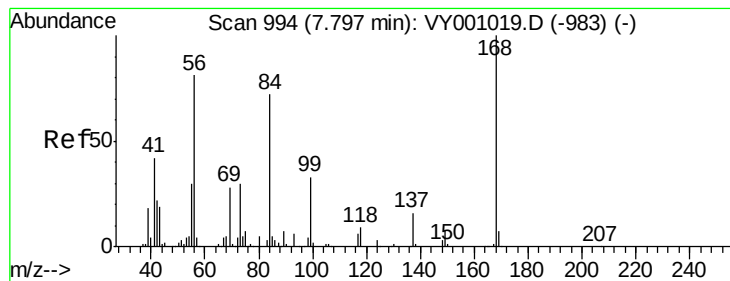
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001095.D
Acq On : 27 Dec 2019 14:15
Operator : SY/MD
Sample : K6439-17
Misc : 4.80G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF014-01

Quant Time: Dec 28 04:02:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

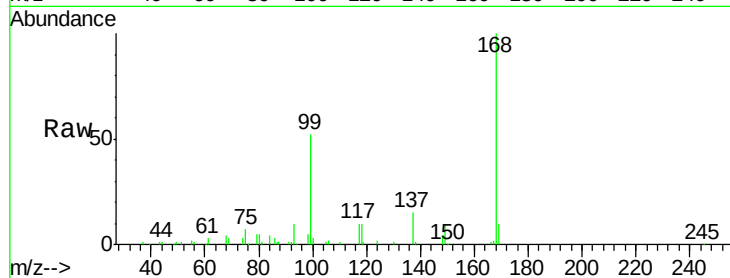
LIED-BF014-01

Tgt Ion:168 Resp: 50560

Ion Ratio Lower Upper

168 100

99 52.0 44.0 66.0



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

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

25000

20000

15000

10000

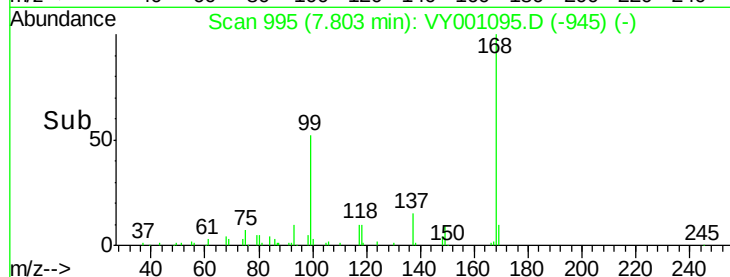
5000

0

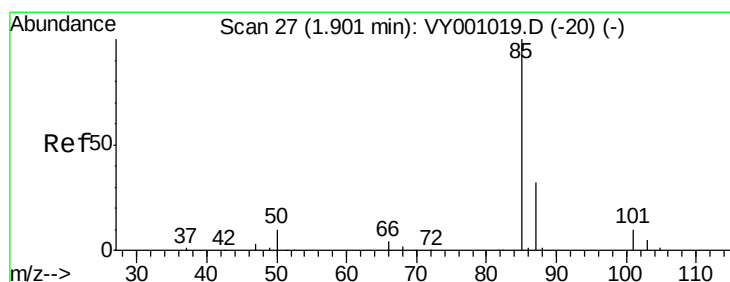
7.70

7.80

7.90



Time-->



#2

Dichlorodifluoromethane

Concen: 4.465 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001095.D

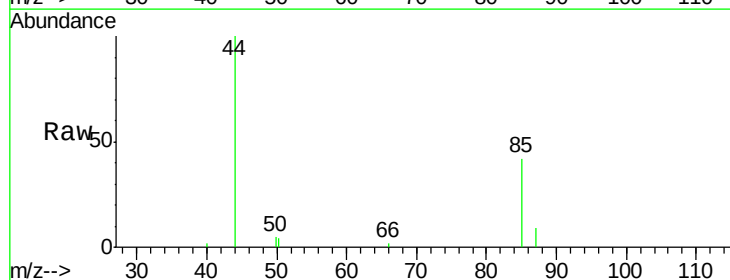
Acq: 27 Dec 2019 14:15

Tgt Ion: 85 Resp: 1967

Ion Ratio Lower Upper

85 100

87 22.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

1500

1000

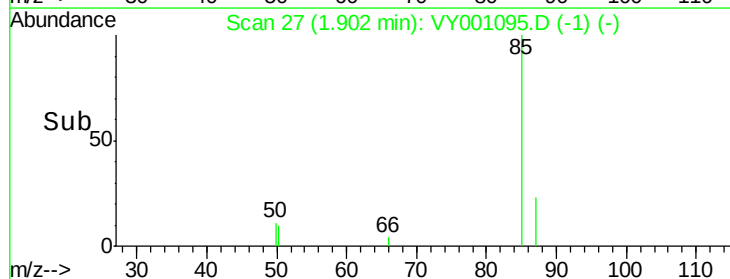
500

0

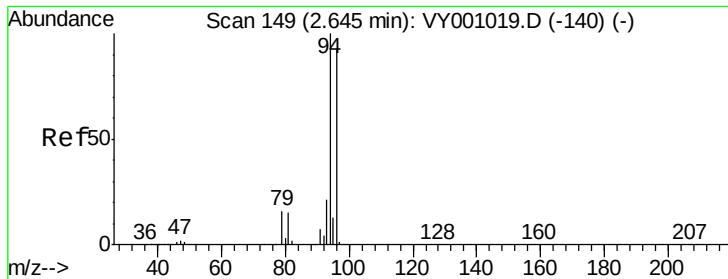
1.85

1.90

1.95



Time-->



#5

Bromomethane

Concen: 1.013 ug/l

RT: 2.69 min Scan# 157

Delta R.T. 0.05 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

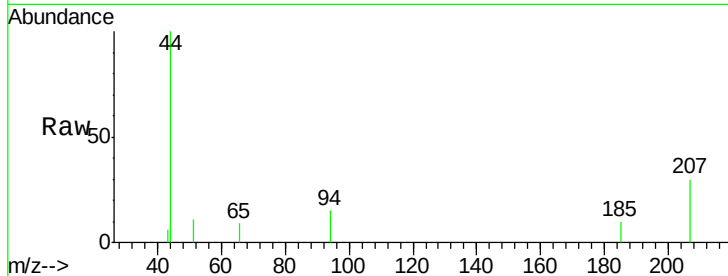
LIED-BF014-01

Tgt Ion: 94 Resp: 111

Ion Ratio Lower Upper

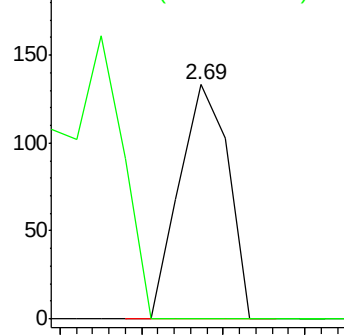
94 100

96 0.0 74.2 111.4#

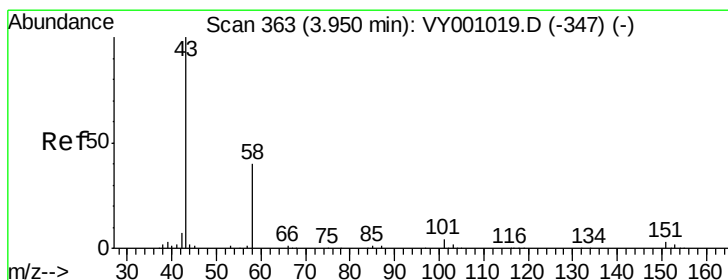
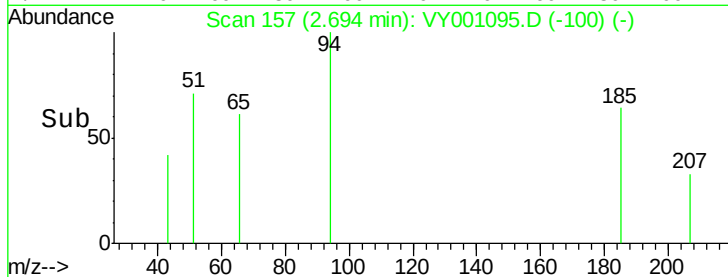


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



Time-->



#16

Acetone

Concen: 18.707 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY001095.D

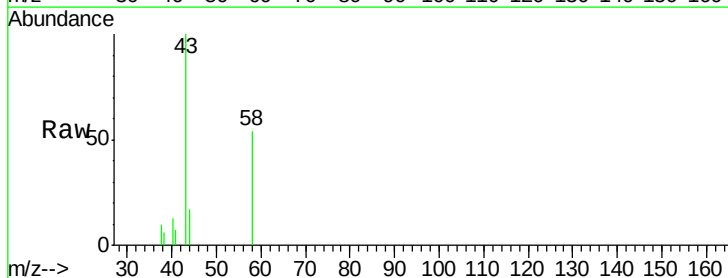
Acq: 27 Dec 2019 14:15

Tgt Ion: 43 Resp: 2149

Ion Ratio Lower Upper

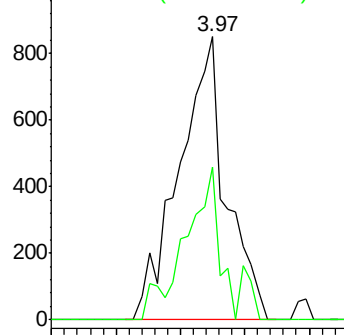
43 100

58 54.1 32.1 48.1#

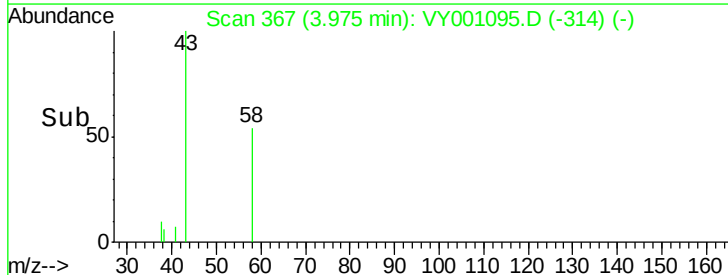


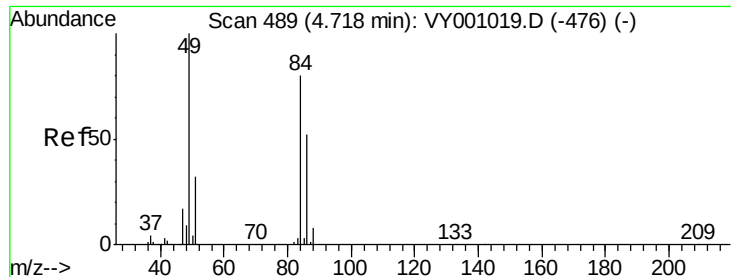
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->

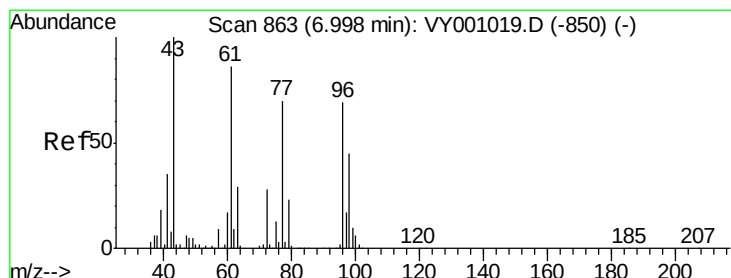
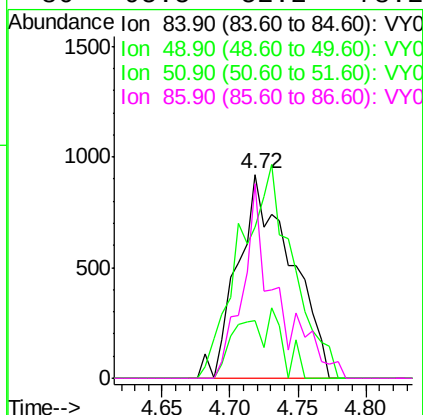
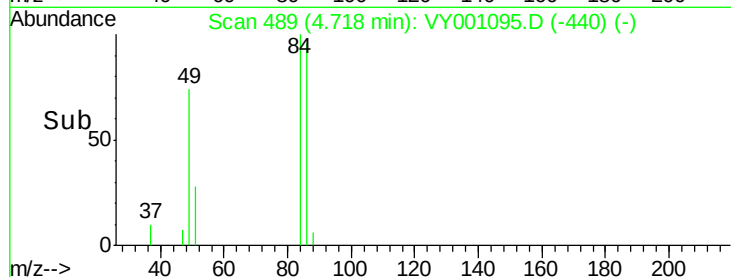
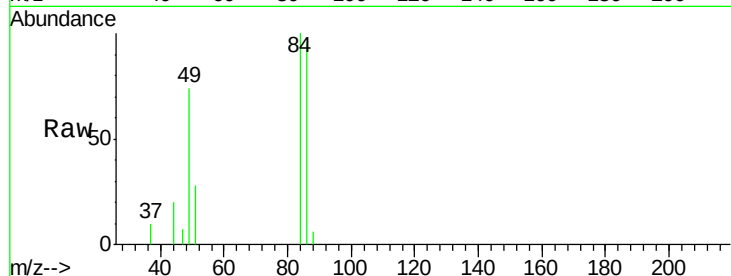




#20
Methylene Chloride
Concen: 3.705 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

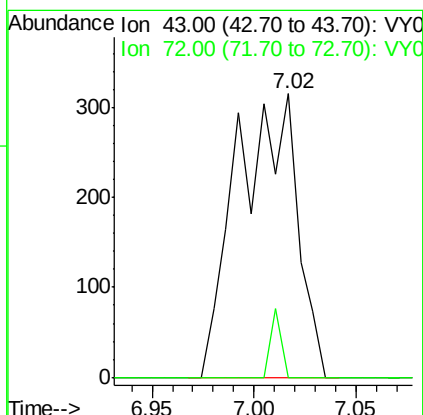
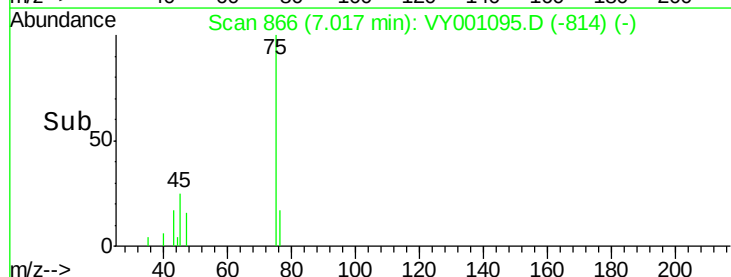
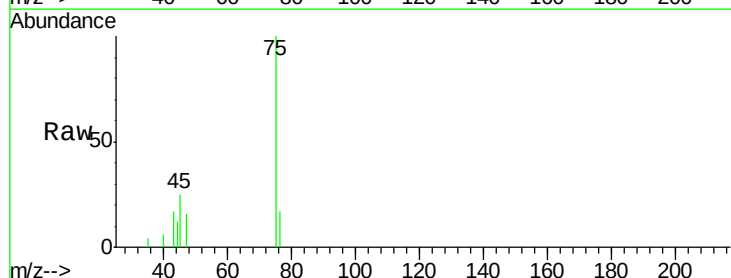
Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF014-01

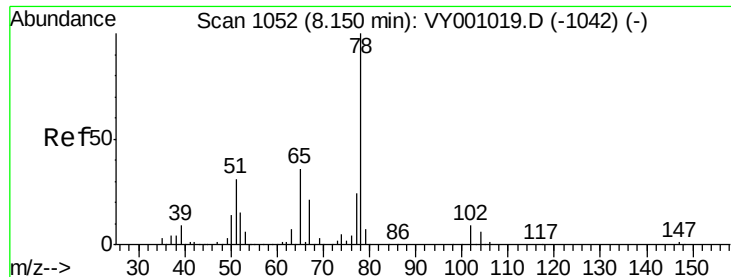
Tgt Ion:	84	Resp:	2505
Ion	Ratio	Lower	Upper
84	100		
49	74.0	99.8	149.6#
51	28.4	31.4	47.2#
86	95.5	52.2	78.2#



#25
2-Butanone
Concen: 3.196 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Tgt Ion:	43	Resp:	645
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.4	33.6#

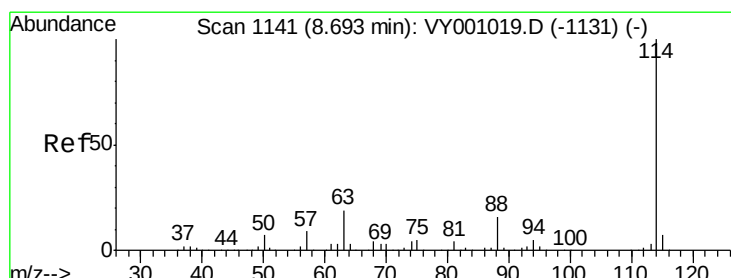
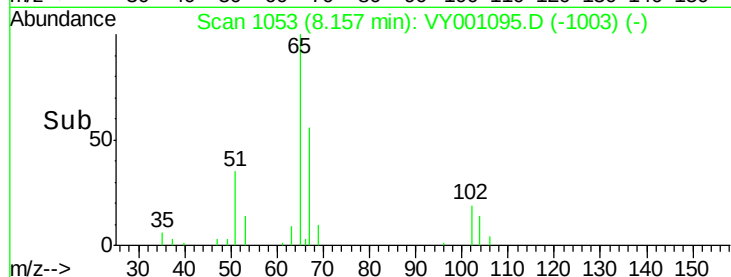
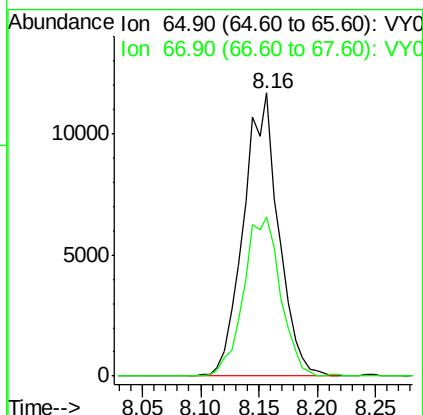
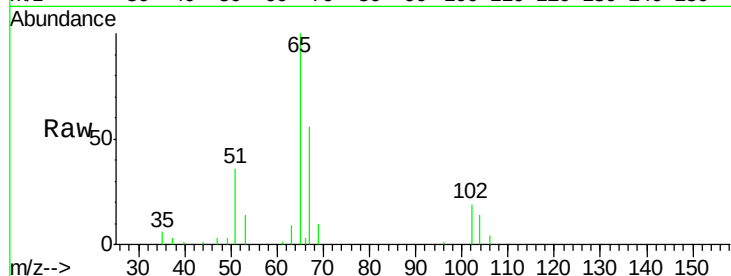




#33
 1,2-Dichloroethane-d4
 Concen: 49.075 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001095.D
 Acq: 27 Dec 2019 14:15

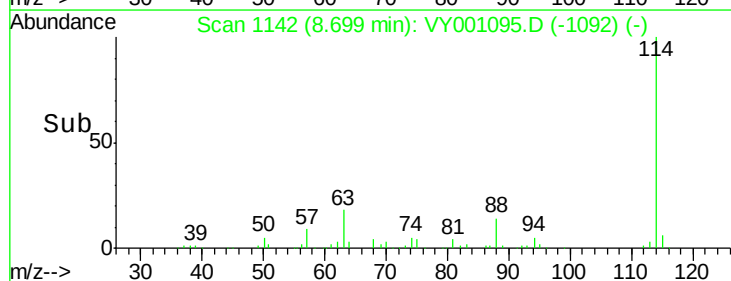
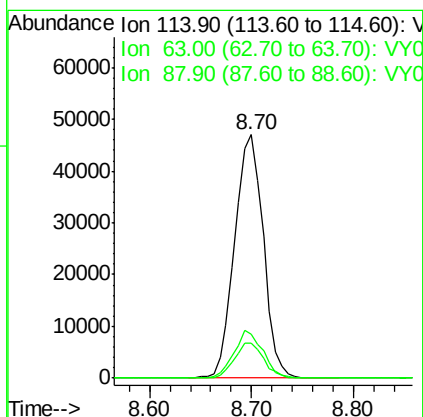
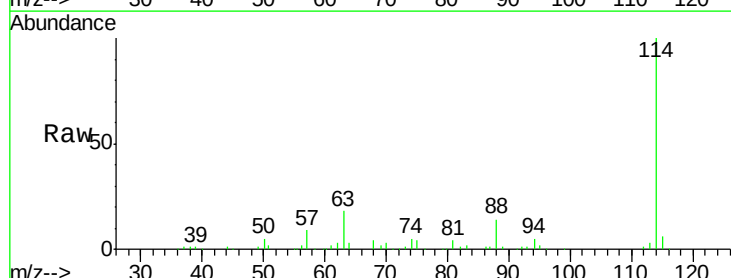
Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-BF014-01

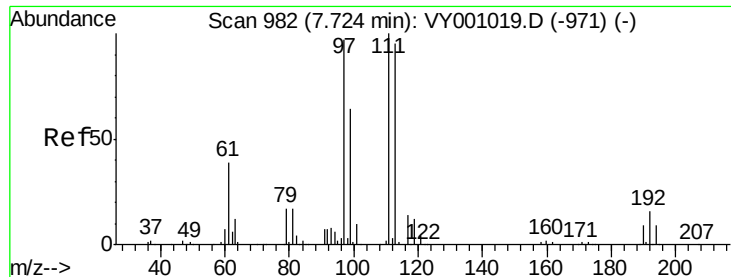
Tgt Ion: 65 Resp: 24472
 Ion Ratio Lower Upper
 65 100
 67 58.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001095.D
 Acq: 27 Dec 2019 14:15

Tgt Ion: 114 Resp: 91355
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 14.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.774 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

LIED-BF014-01

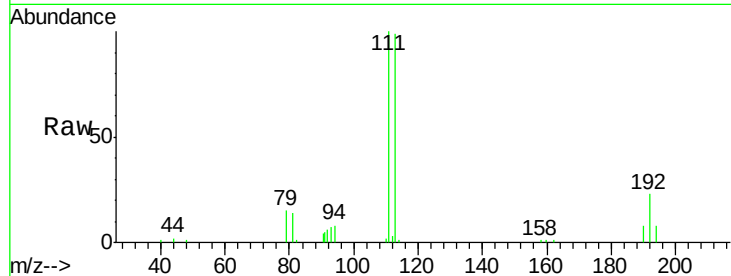
Tgt Ion:113 Resp: 25700

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

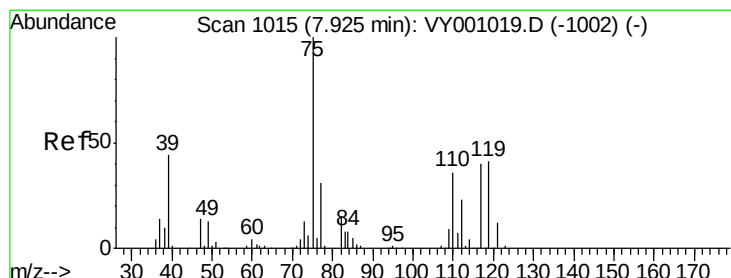
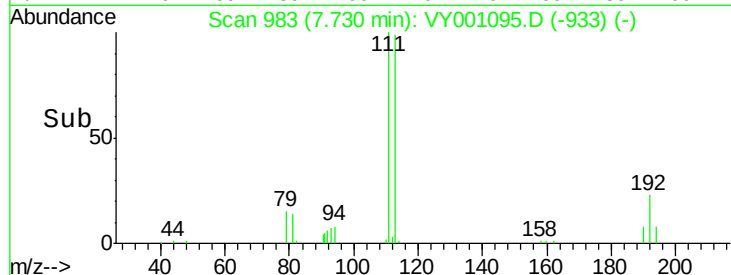
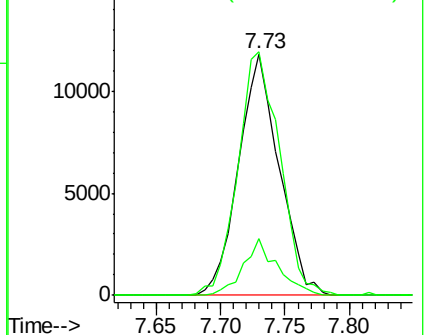
192 19.9 14.6 21.8



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: 4.641 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

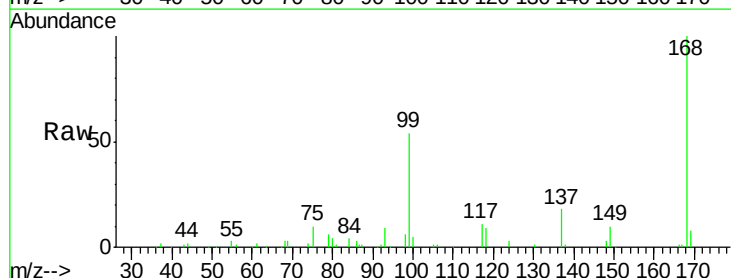
Tgt Ion: 75 Resp: 4045

Ion Ratio Lower Upper

75 100

110 4.9 18.1 54.4#

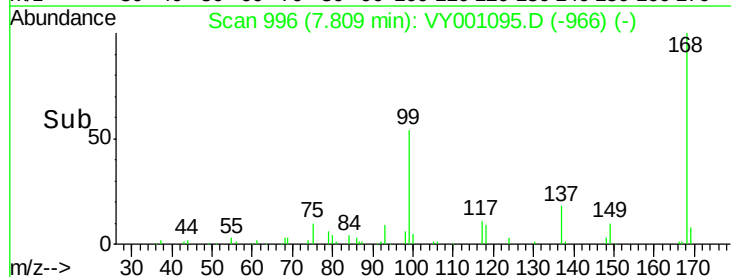
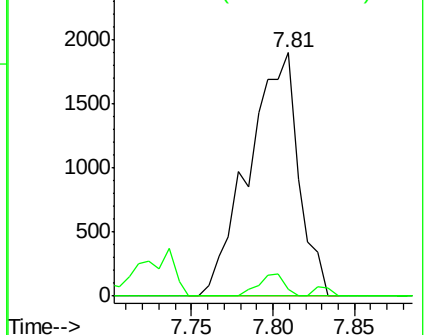
77 0.0 24.6 37.0#

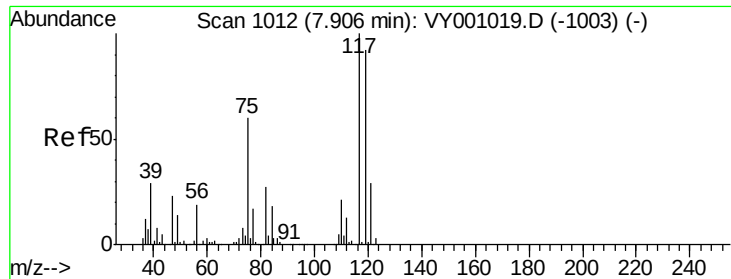


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

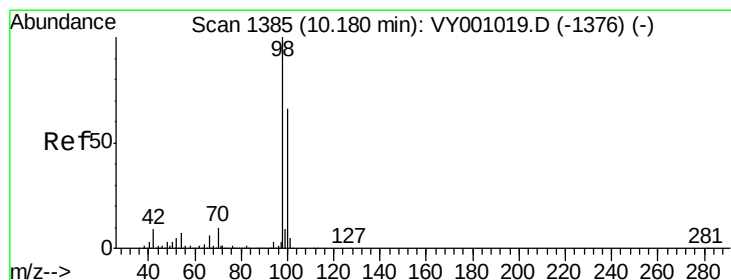
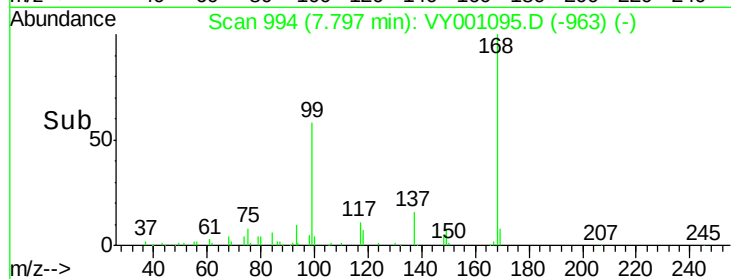
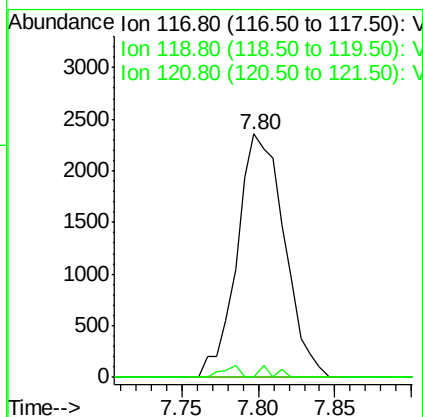
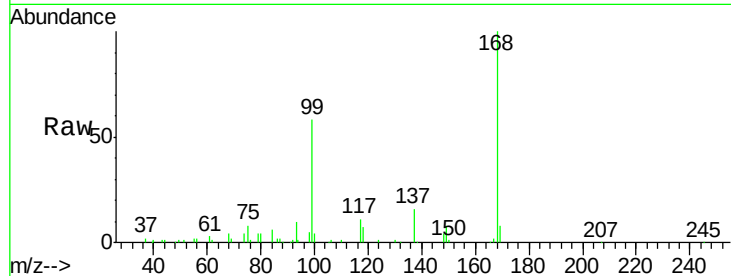




#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

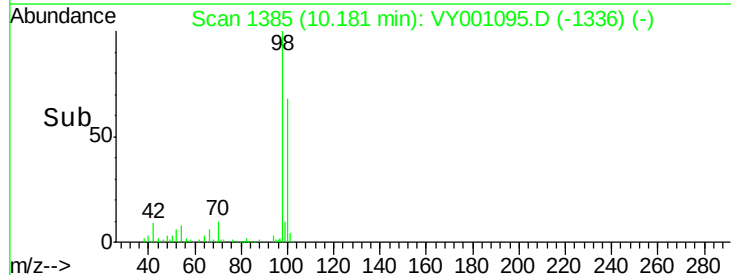
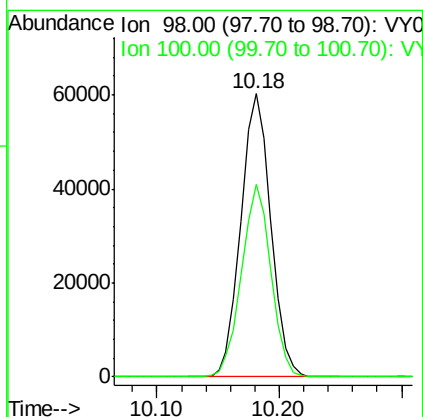
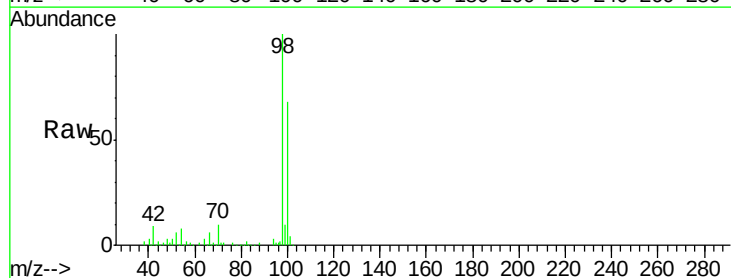
Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF014-01

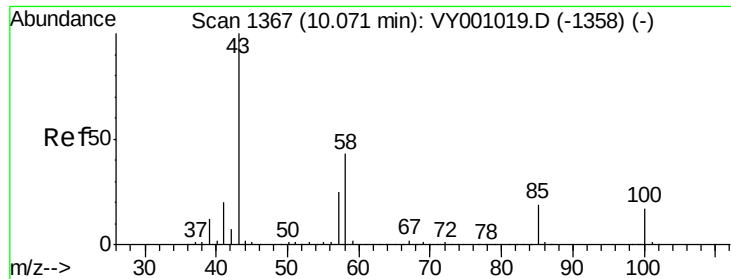
Tgt Ion:117 Resp: 5043
Ion Ratio Lower Upper
117 100
119 0.0 74.2 111.2#
121 0.0 22.9 34.3#



#50
Toluene-d8
Concen: 48.711 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Tgt Ion: 98 Resp: 102405
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

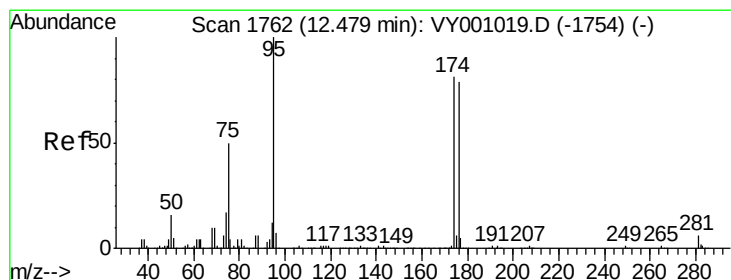
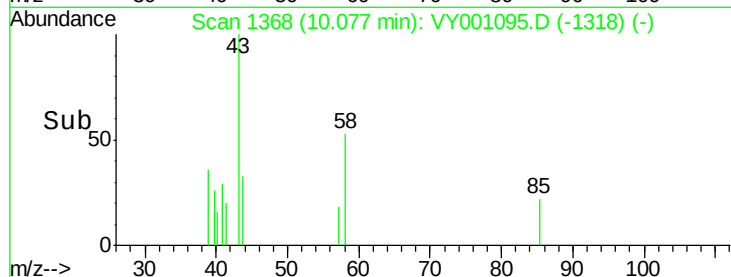
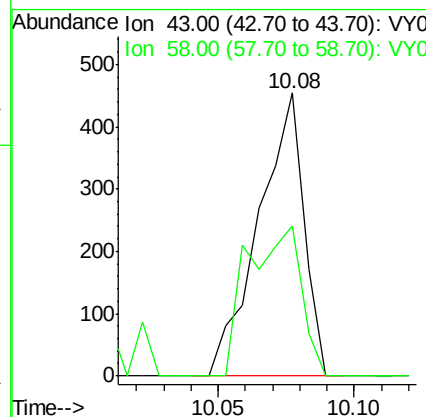
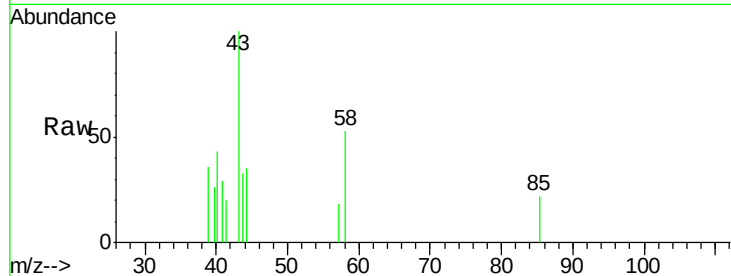




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

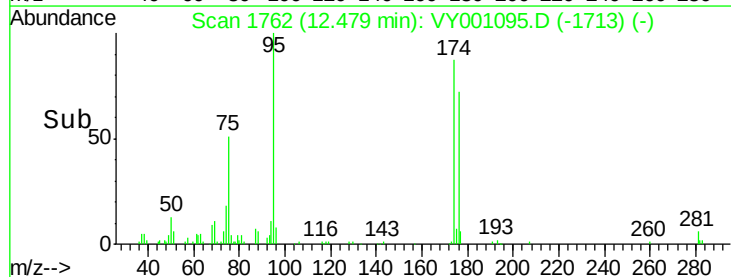
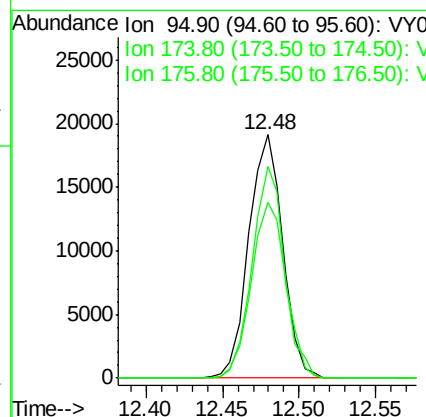
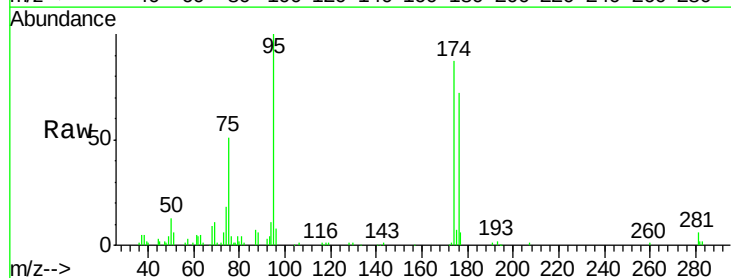
Instrument :
MSVOA_Y
ClientSampled :
LIED-BF014-01

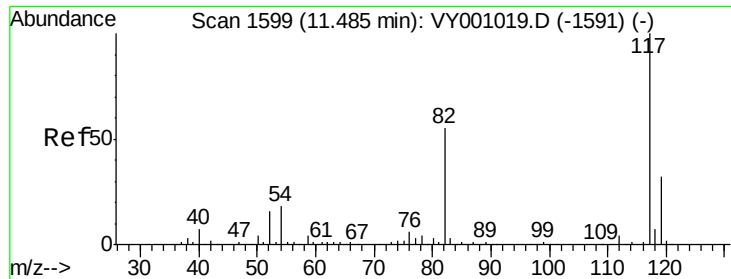
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 63.0 34.6 52.0#



#62
4-Bromofluorobenzene
Concen: 38.352 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Tgt Ion: 95 Resp: 29479
Ion Ratio Lower Upper
95 100
174 82.9 0.0 156.4
176 73.6 0.0 155.0

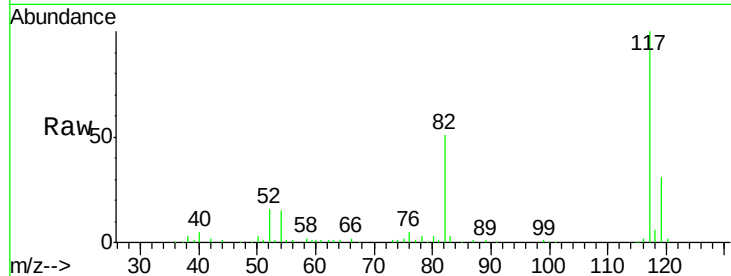




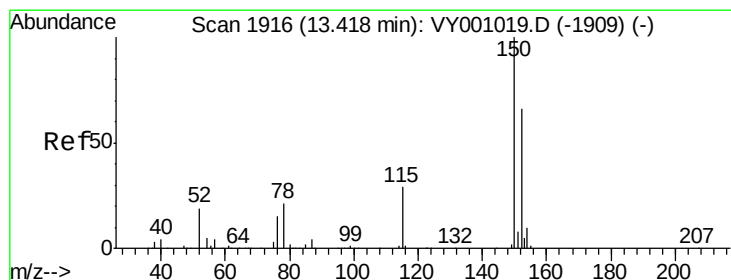
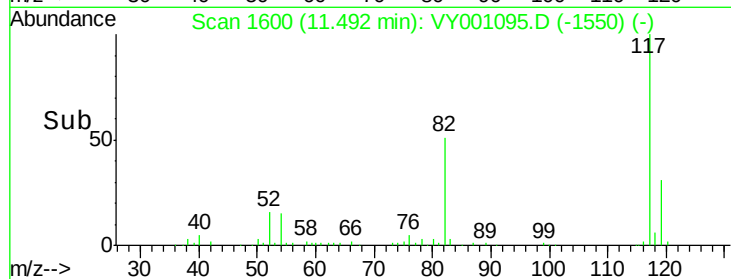
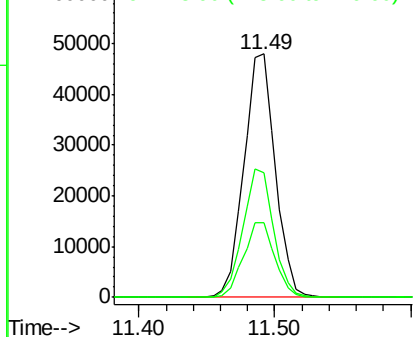
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :
LIED-BF014-01

Tgt Ion:117 Resp: 77258
Ion Ratio Lower Upper
117 100
82 51.2 43.8 65.8
119 30.5 25.8 38.6

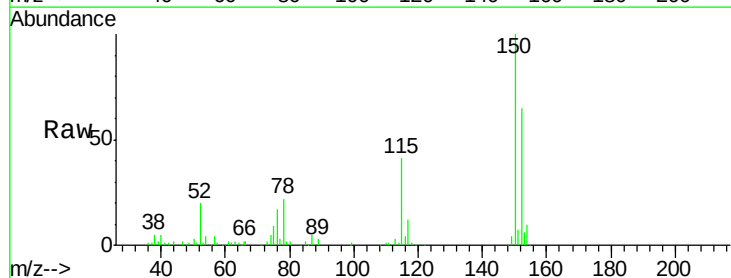


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

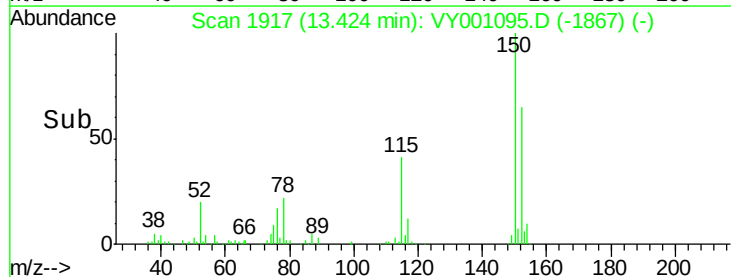
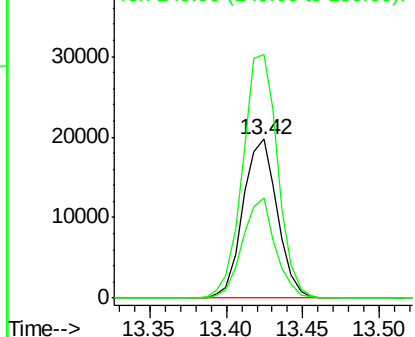


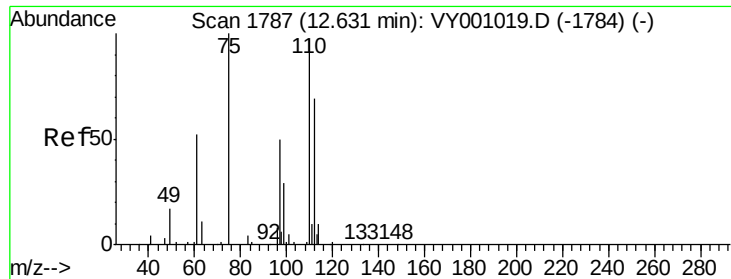
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001095.D
Acq: 27 Dec 2019 14:15

Tgt Ion:152 Resp: 30709
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 157.0 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





#76

1,2,3-Trichloropropane

Concen: 39.828 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

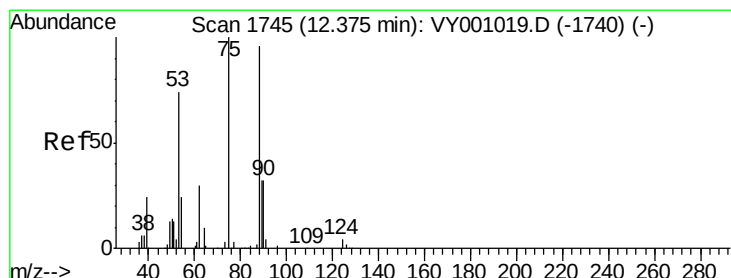
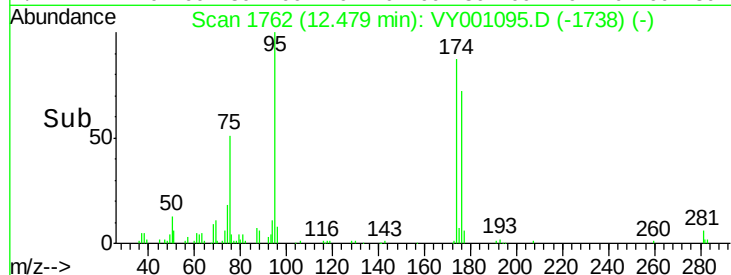
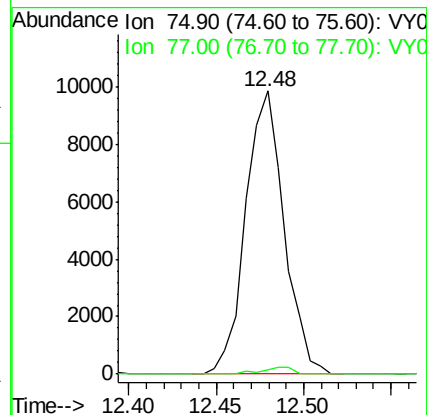
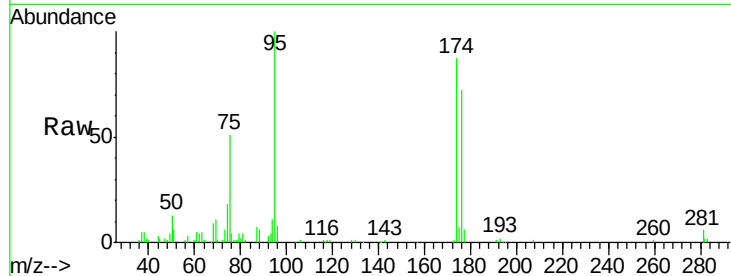
LIED-BF014-01

Tgt Ion: 75 Resp: 15078

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.944 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001095.D

Acq: 27 Dec 2019 14:15

Tgt Ion: 75 Resp: 15078

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

89 0.0 35.4 53.0#

