

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001069.D
 Acq On : 26 Dec 2019 14:08
 Operator : SY/MD
 Sample : K6431-04
 Misc : 6.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 27 02:10:16 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	96526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	172520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	142337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	58715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	44336	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	7.73	113	47168	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
50) Toluene-d8	10.18	98	197831	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	60093	41.40	ug/l	0.00
Spiked Amount			Recovery	=	82.80%	

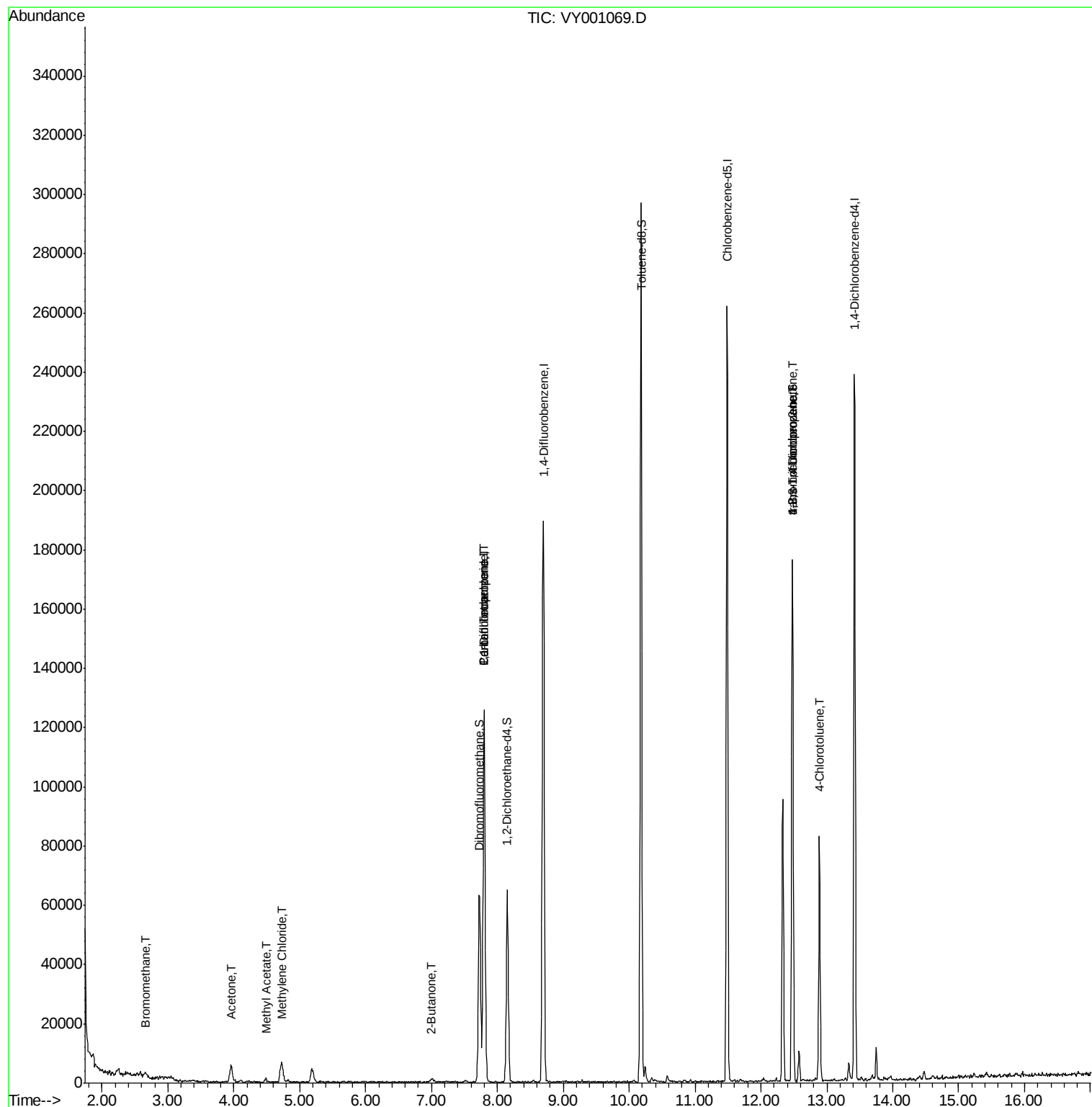
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	526	1.408	ug/l #	42
16) Acetone	3.96	43	9287	42.345	ug/l #	83
18) Methyl Acetate	4.49	43	2079	2.471	ug/l #	84
20) Methylene Chloride	4.74	84	5395	4.179	ug/l #	75
25) 2-Butanone	7.00	43	823	2.136	ug/l	98
36) 1,1-Dichloropropene	7.80	75	7822	4.753	ug/l #	49
38) Carbon Tetrachloride	7.80	117	9363	6.493	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	29351	40.549	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	29351	86.482	ug/l #	19
82) 4-Chlorotoluene	12.89	91	9982	3.143	ug/l #	40

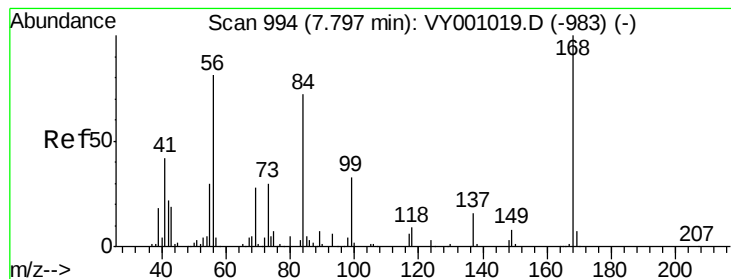
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
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Quant Time: Dec 27 02:10:16 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# 994

Delta R.T. 0.00 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

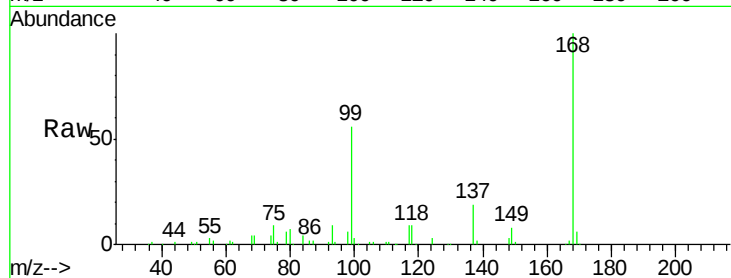
SB-3-(0-2)

Tgt Ion:168 Resp: 96526

Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0

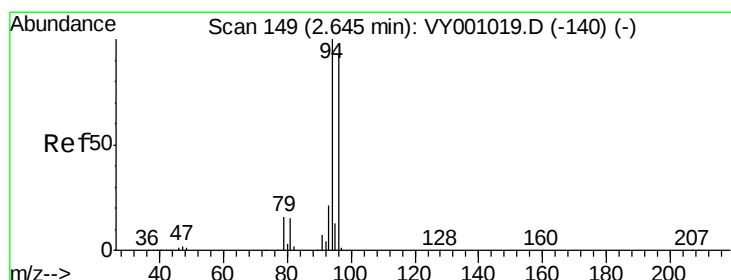
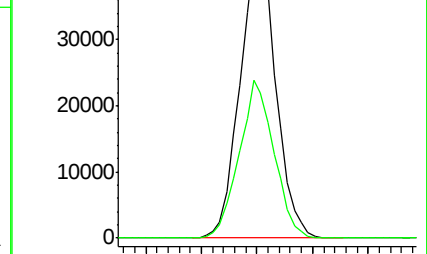
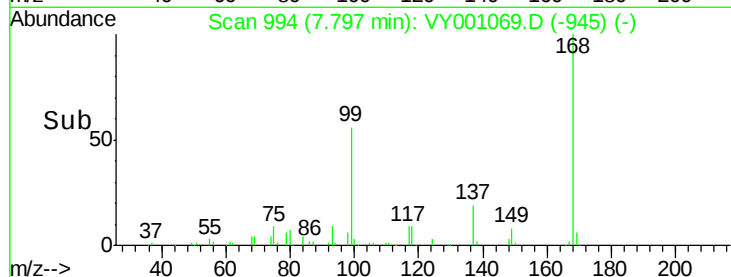


Abundance Ion 167.90 (167.60 to 168.60): VY001069.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001069.D (-945) (-)

7.80

Time-->



#5

Bromomethane

Concen: 1.408 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY001069.D

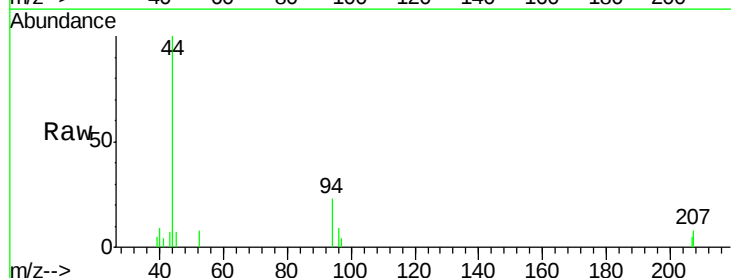
Acq: 26 Dec 2019 14:08

Tgt Ion: 94 Resp: 526

Ion Ratio Lower Upper

94 100

96 37.4 74.2 111.4#

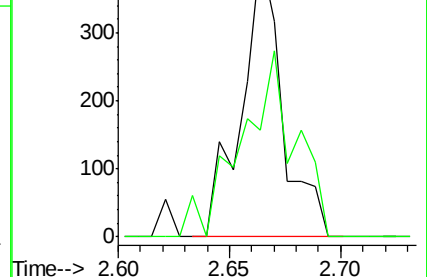
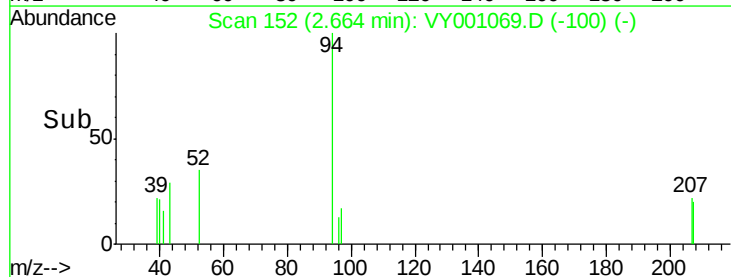


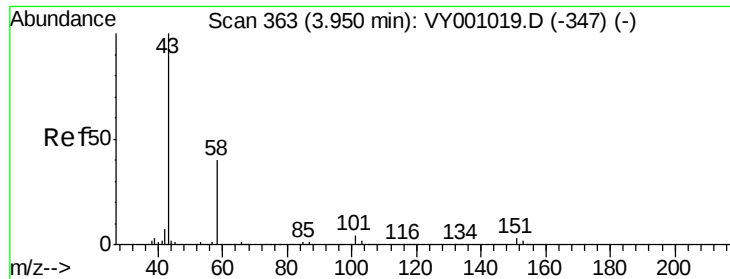
Abundance Ion 93.90 (93.60 to 94.60): VY001069.D (-100) (-)

Ion 95.90 (95.60 to 96.60): VY001069.D (-100) (-)

2.66

Time-->





#16

Acetone

Concen: 42.345 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

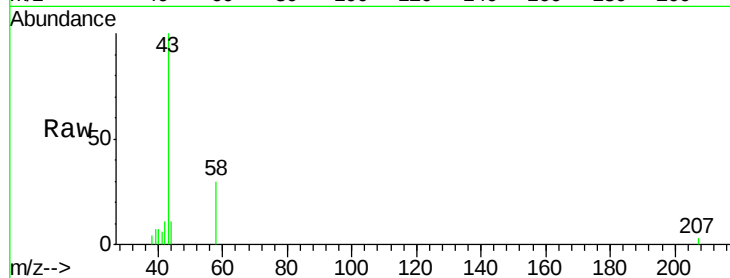
SB-3-(0-2)

Tgt Ion: 43 Resp: 9287

Ion Ratio Lower Upper

43 100

58 29.8 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001069.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001069.D (-314) (-)

3.96

4000

3000

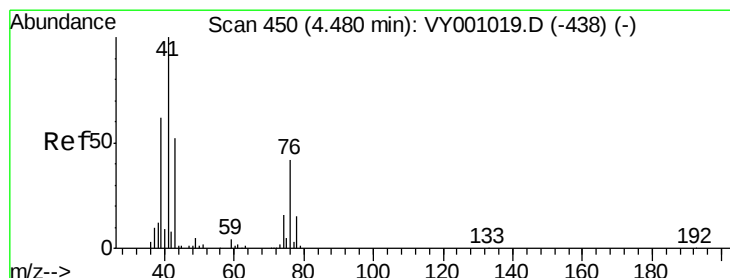
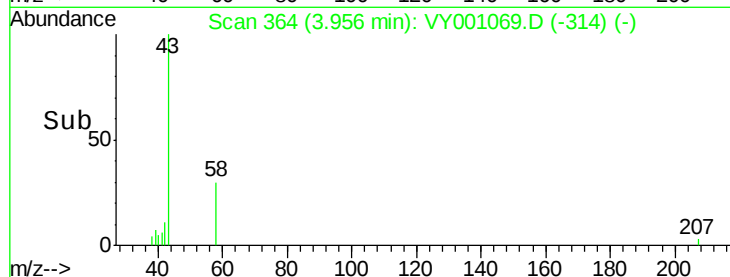
2000

1000

0

Time-->

3.90 4.00



#18

Methyl Acetate

Concen: 2.471 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001069.D

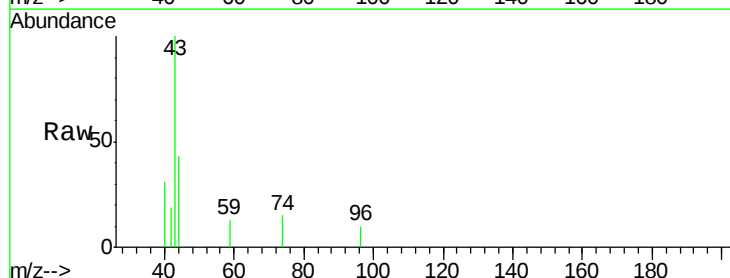
Acq: 26 Dec 2019 14:08

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

74 17.9 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001069.D (-401) (-)

Ion 74.00 (73.70 to 74.70): VY001069.D (-401) (-)

4.49

800

600

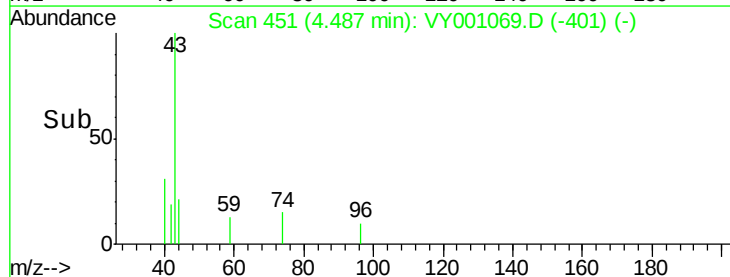
400

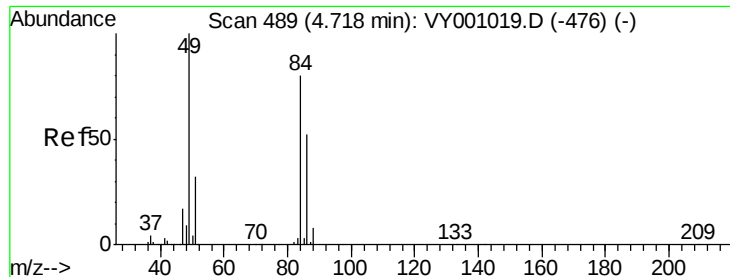
200

0

Time-->

4.40 4.45 4.50 4.55

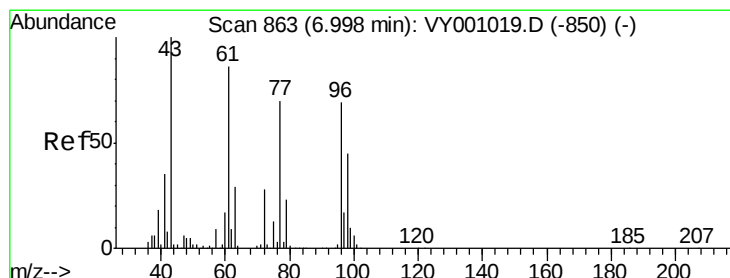
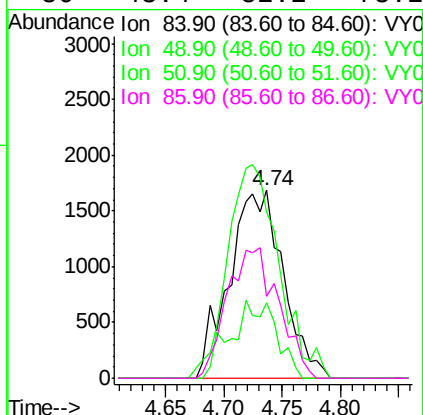
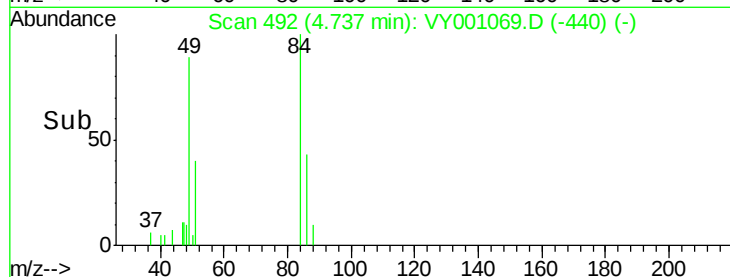
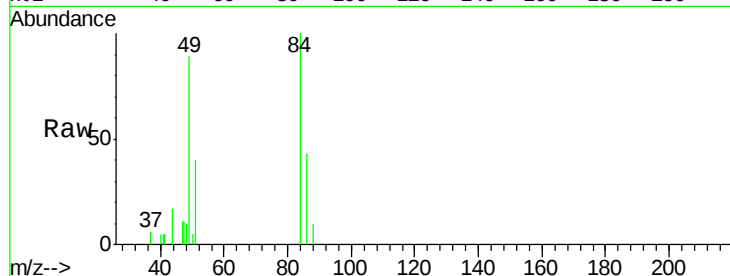




#20
Methylene Chloride
Concen: 4.179 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.02 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

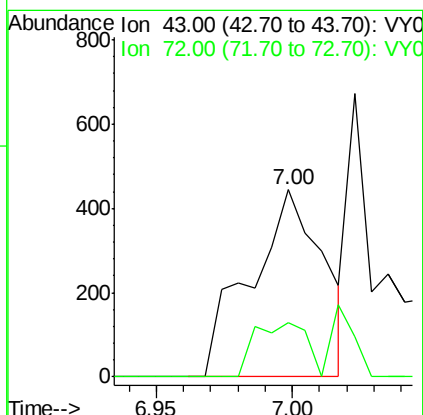
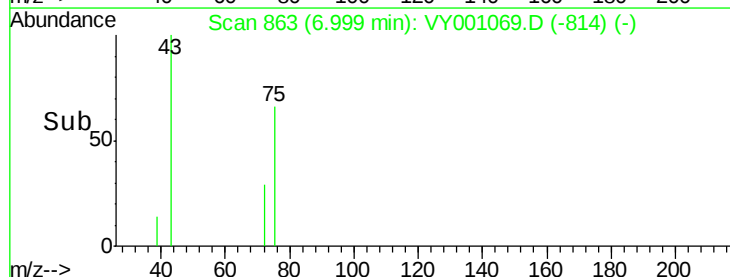
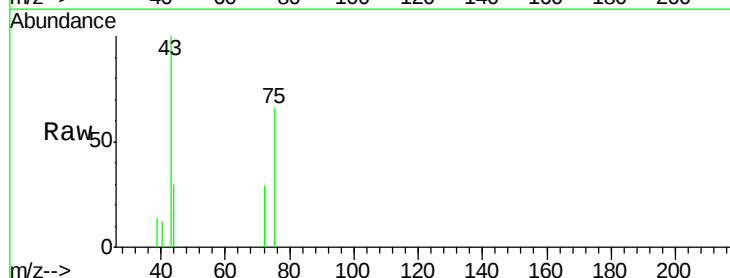
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(0-2)

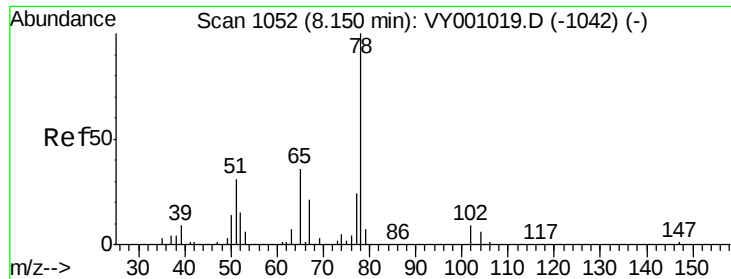
Tgt Ion: 84 Resp: 5395
Ion Ratio Lower Upper
84 100
49 88.9 99.8 149.6#
51 40.2 31.4 47.2
86 43.4 52.2 78.2#



#25
2-Butanone
Concen: 2.136 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
72 28.8 22.4 33.6

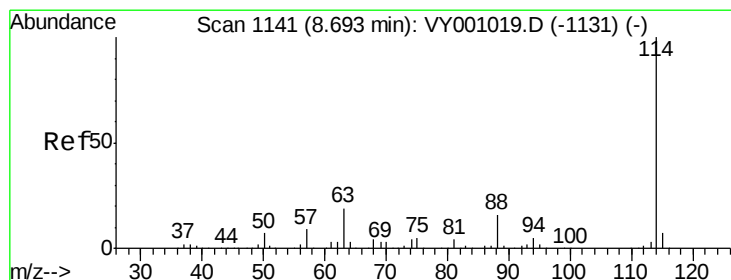
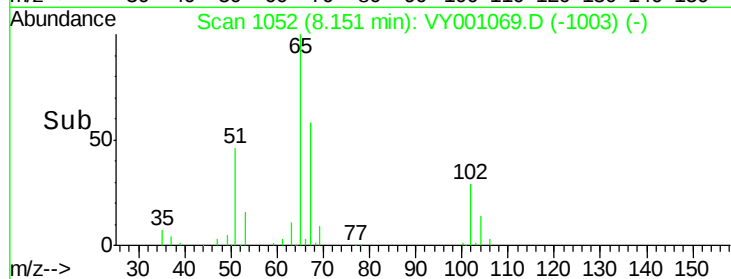
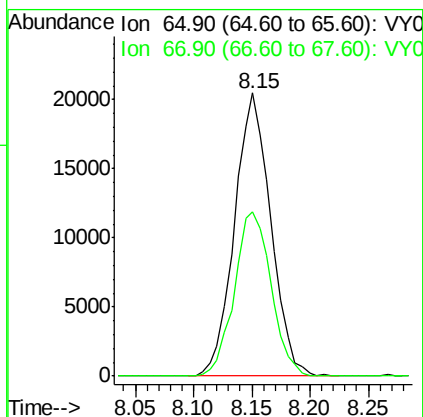
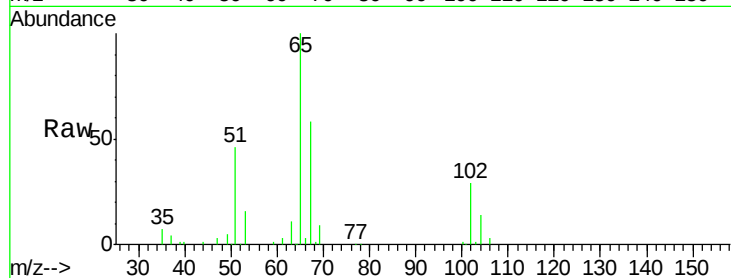




#33
 1,2-Dichloroethane-d4
 Concen: 46.571 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001069.D
 Acq: 26 Dec 2019 14:08

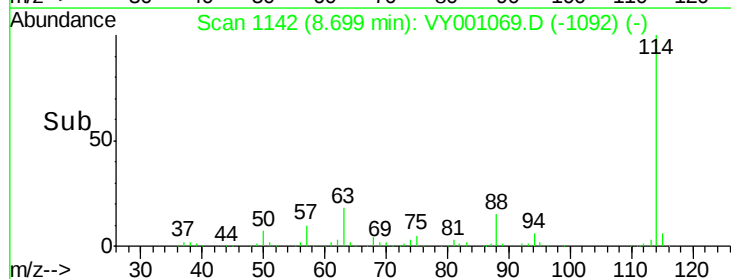
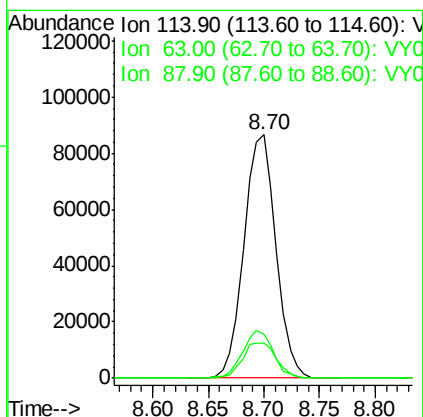
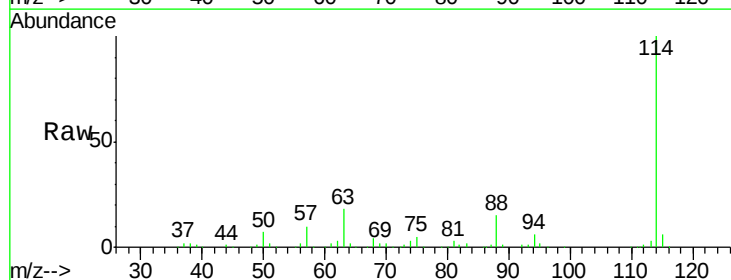
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(0-2)

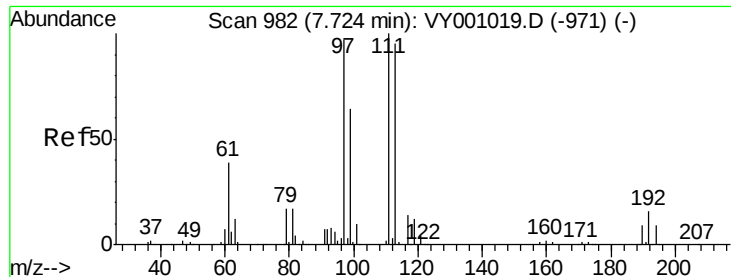
Tgt Ion: 65 Resp: 44336
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001069.D
 Acq: 26 Dec 2019 14:08

Tgt Ion: 114 Resp: 172520
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.430 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampled :

SB-3-(0-2)

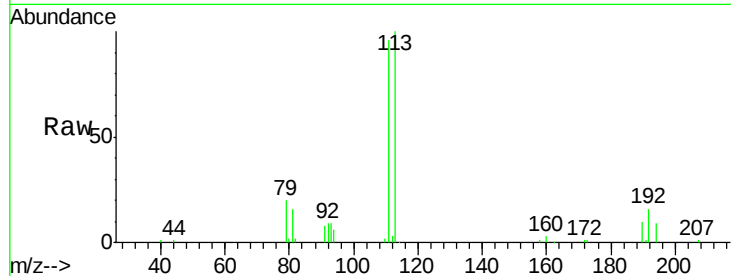
Tgt Ion:113 Resp: 47168

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

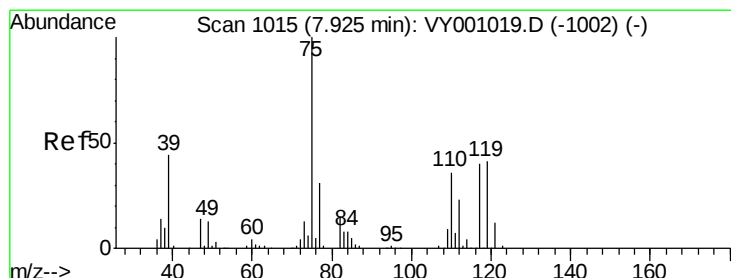
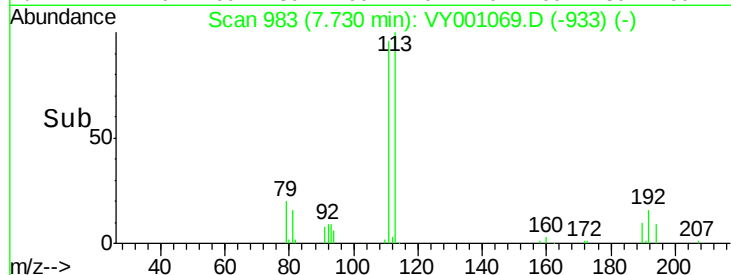
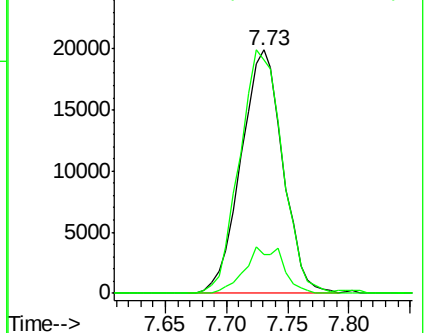
192 17.5 14.6 21.8



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: 4.753 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

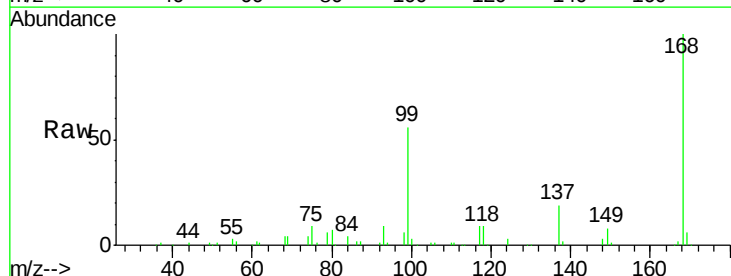
Tgt Ion: 75 Resp: 7822

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

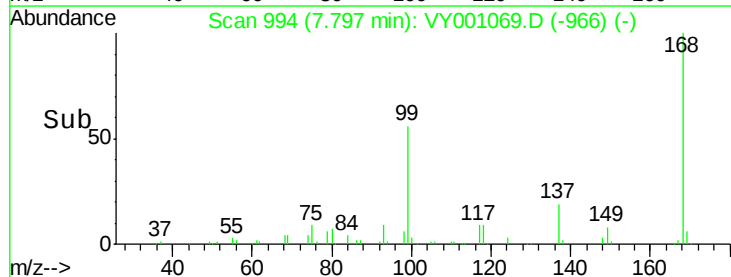
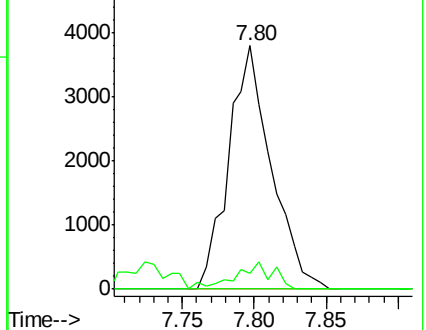
77 0.0 24.6 37.0#

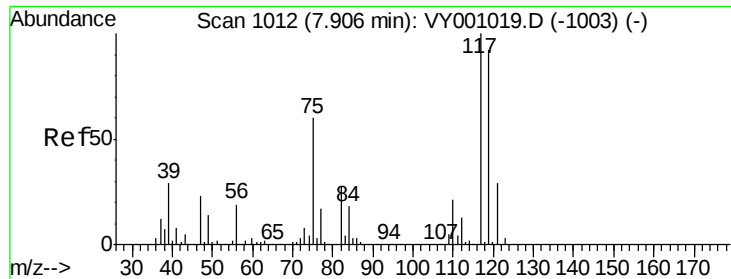


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.493 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(0-2)

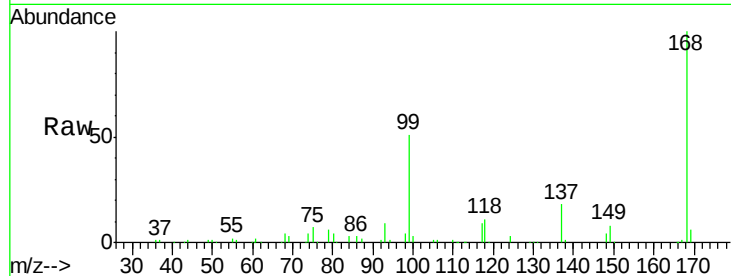
Tgt Ion:117 Resp: 9363

Ion Ratio Lower Upper

117 100

119 4.1 74.2 111.2#

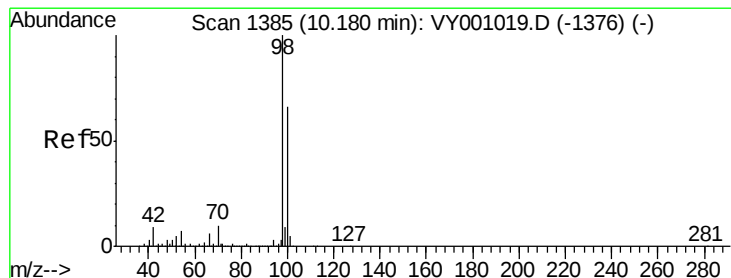
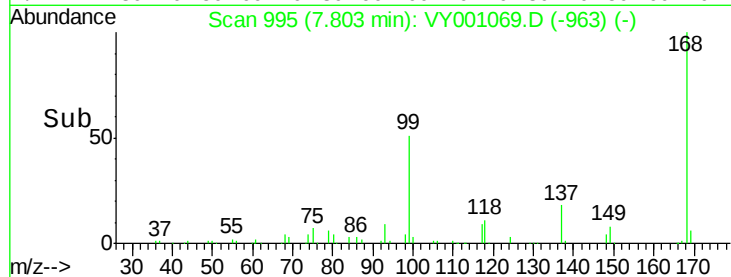
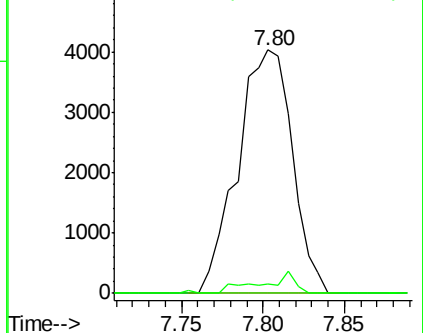
121 0.0 22.9 34.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.830 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001069.D

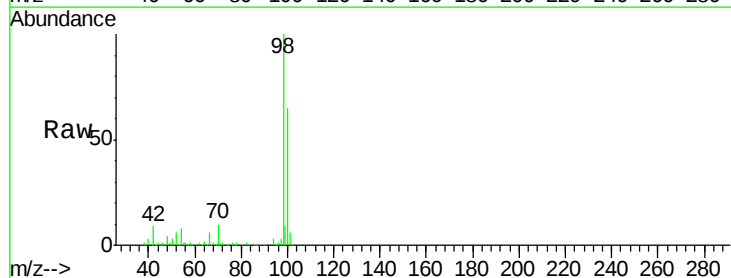
Acq: 26 Dec 2019 14:08

Tgt Ion: 98 Resp: 197831

Ion Ratio Lower Upper

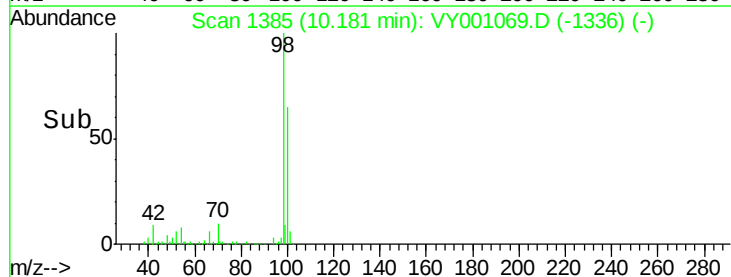
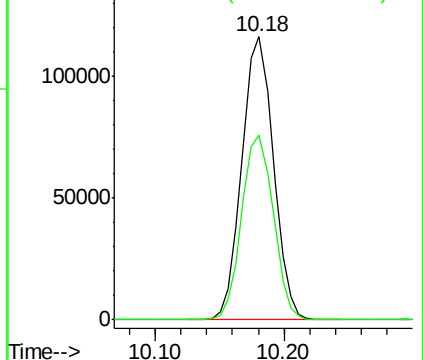
98 100

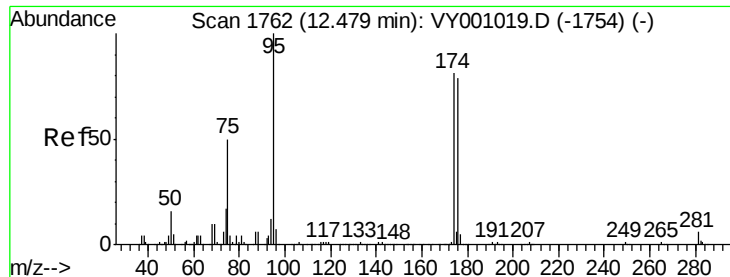
100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

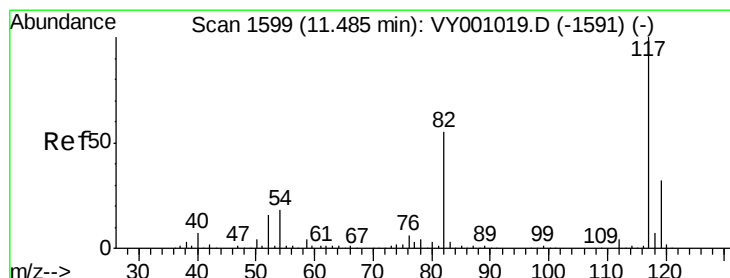
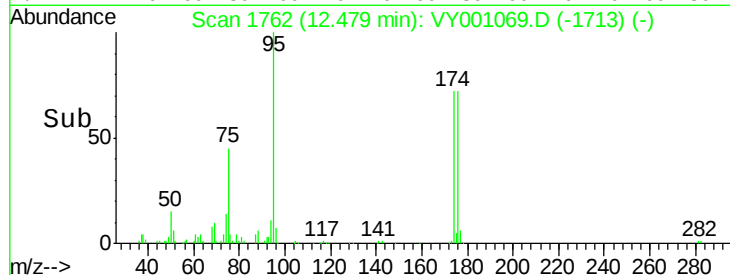
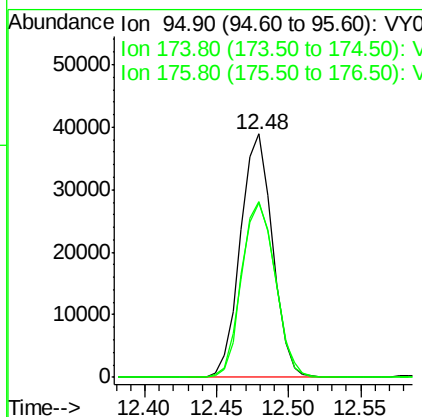
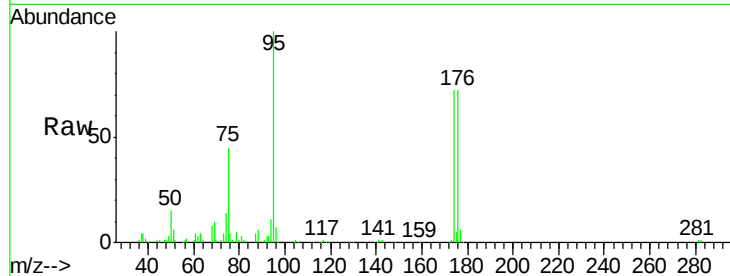




#62
4-Bromofluorobenzene
Concen: 41.400 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

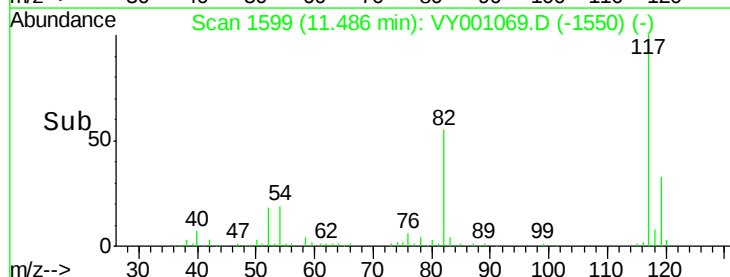
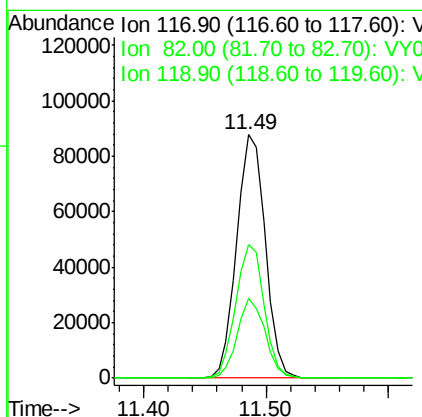
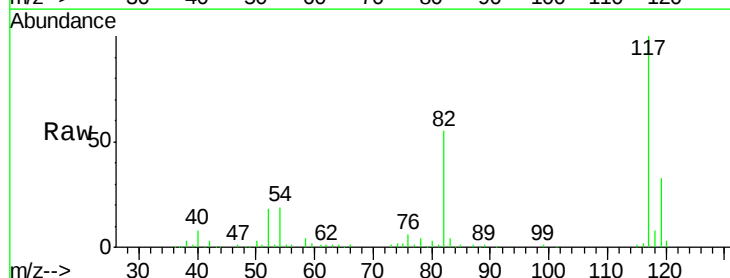
Instrument :
MSVOA_Y
ClientSampled :
SB-3-(0-2)

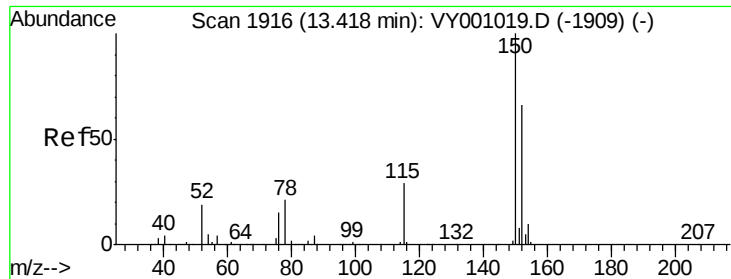
Tgt Ion: 95 Resp: 60093
Ion Ratio Lower Upper
95 100
174 76.2 0.0 156.4
176 75.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

Tgt Ion: 117 Resp: 142337
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(0-2)

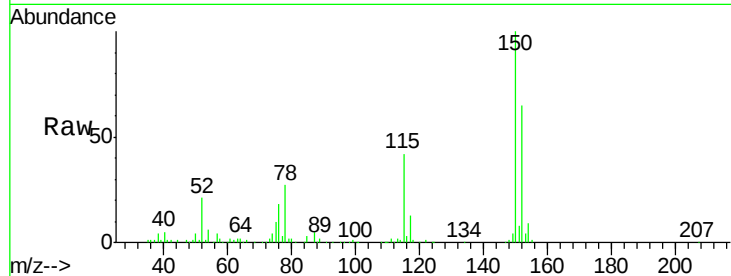
Tgt Ion:152 Resp: 58715

Ion Ratio Lower Upper

152 100

115 61.3 29.8 89.3

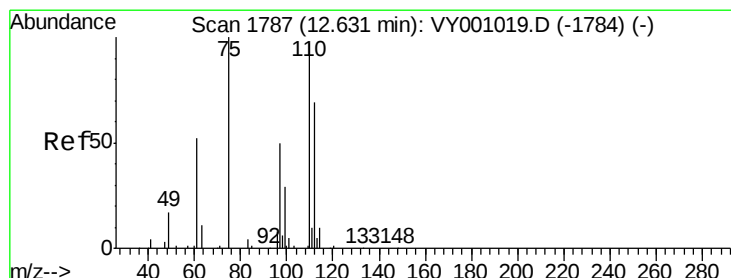
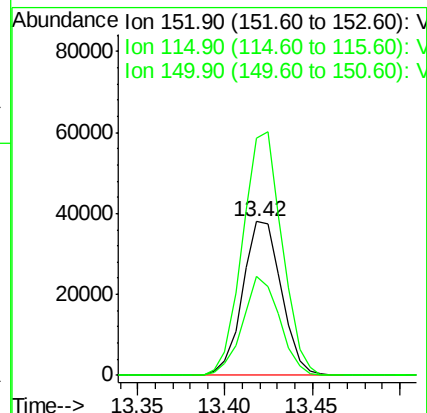
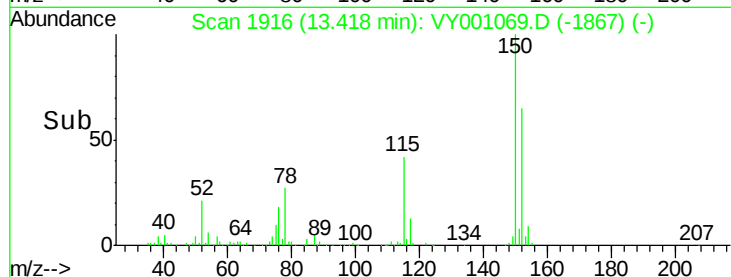
150 160.4 0.0 352.6



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: 40.549 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001069.D

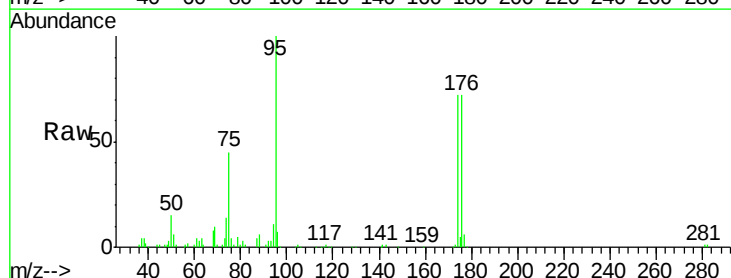
Acq: 26 Dec 2019 14:08

Tgt Ion: 75 Resp: 29351

Ion Ratio Lower Upper

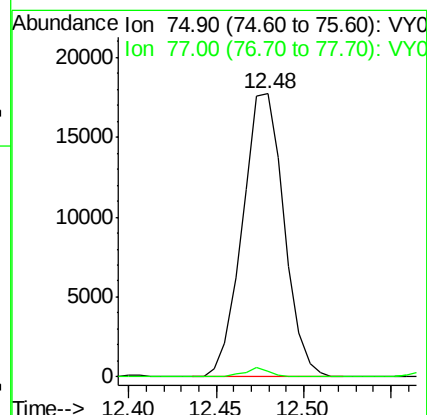
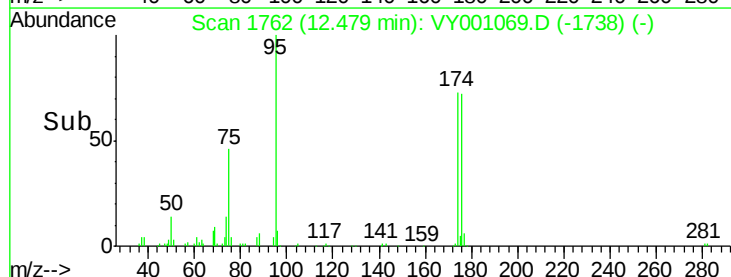
75 100

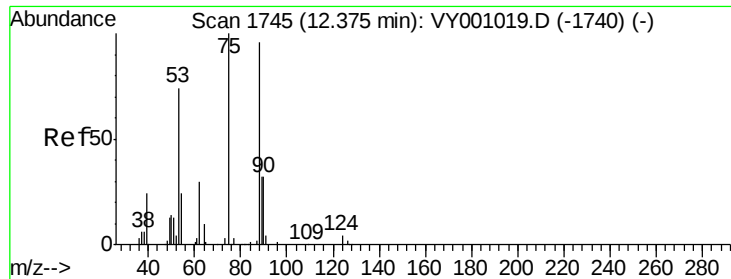
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 86.482 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(0-2)

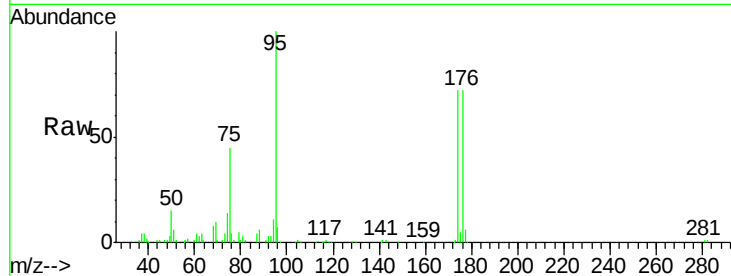
Tgt Ion: 75 Resp: 29351

Ion Ratio Lower Upper

75 100

53 0.0 60.6 91.0#

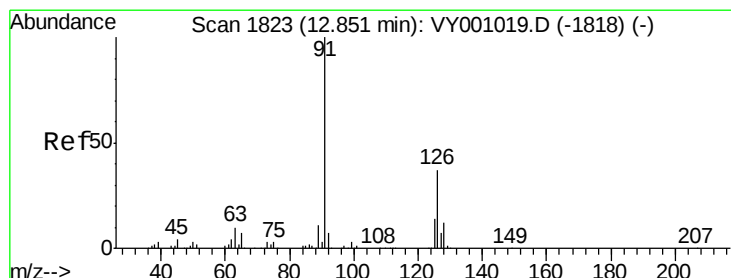
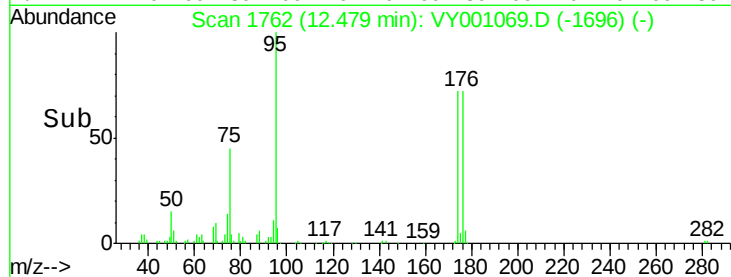
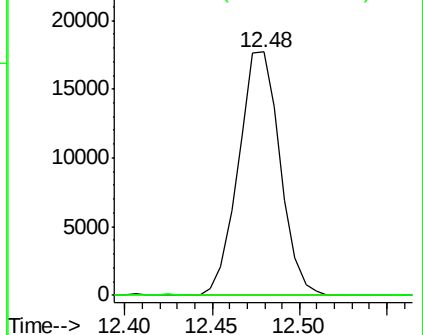
89 0.0 35.4 53.0#



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: 3.143 ug/l

RT: 12.89 min Scan# 1829

Delta R.T. 0.04 min

Lab File: VY001069.D

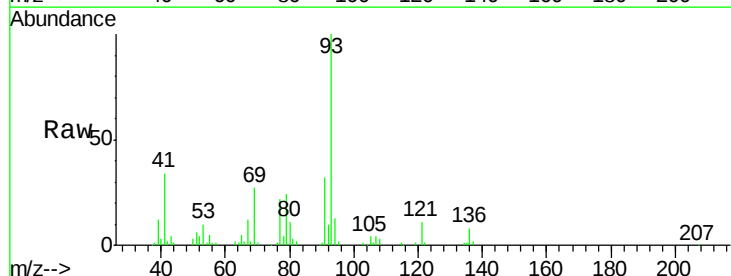
Acq: 26 Dec 2019 14:08

Tgt Ion: 91 Resp: 9982

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

