

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002026.D
 Acq On : 19 Mar 2020 17:24
 Operator : SY/MD
 Sample : L1749-01
 Misc : 6.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-031920

Quant Time: Mar 20 01:58:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	28386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	48914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	34497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	13098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	12892	42.54	ug/l	0.00
Spiked Amount			Recovery	=	85.08%	
35) Dibromofluoromethane	7.74	113	12711	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.19	98	55554	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.49	95	14699	37.53	ug/l	0.00
Spiked Amount			Recovery	=	75.06%	

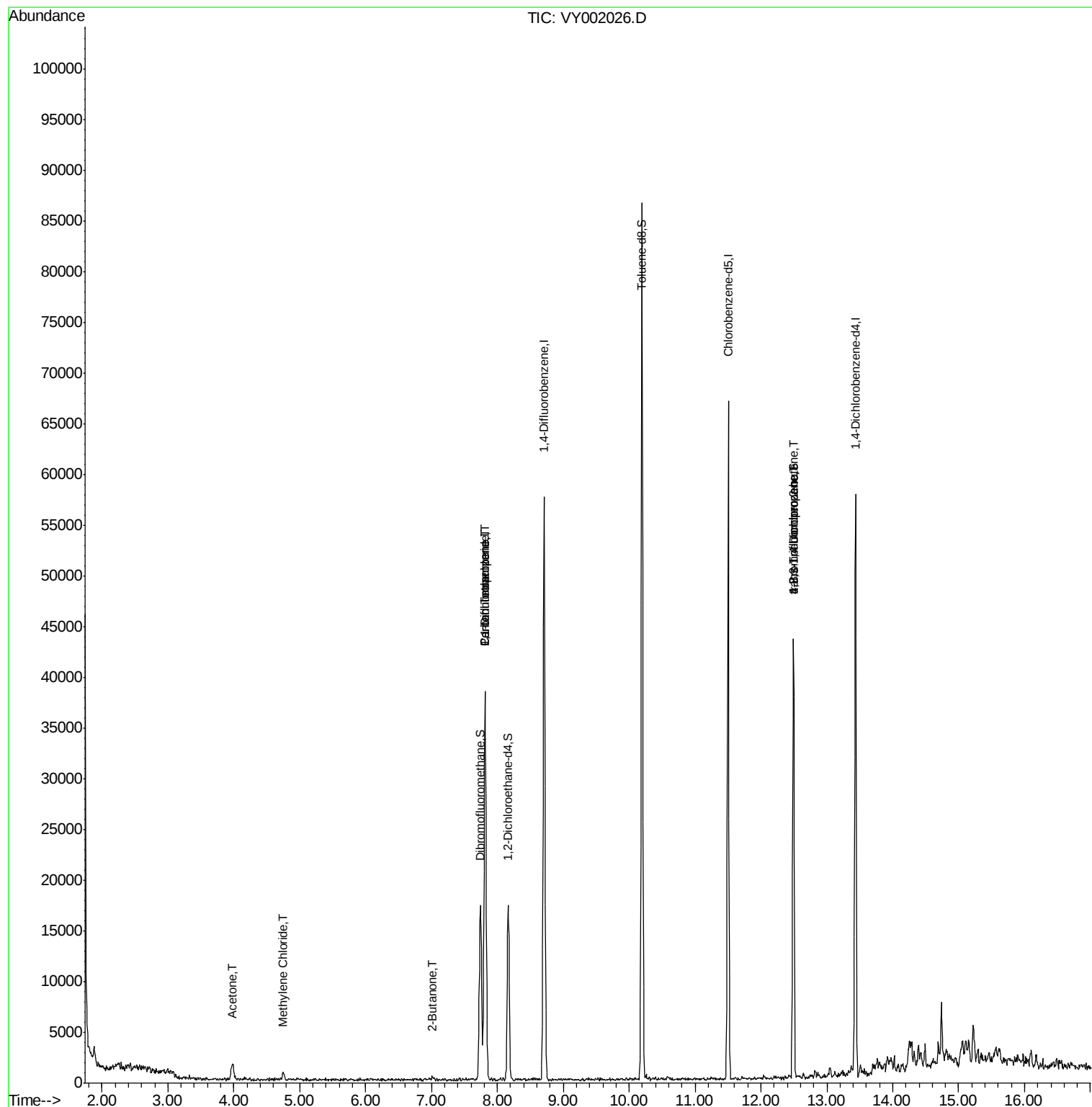
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	22	Below Cal	#	4
16) Acetone	3.97	43	2858	32.380	ug/l	96
20) Methylene Chloride	4.75	84	432	1.142	ug/l #	82
25) 2-Butanone	7.01	43	296	2.205	ug/l #	86
36) 1,1-Dichloropropene	7.82	75	2721	5.781	ug/l #	50
38) Carbon Tetrachloride	7.81	117	2967	7.379	ug/l #	12
76) 1,2,3-Trichloropropane	12.49	75	7341	47.234	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	7341	95.411	ug/l #	17

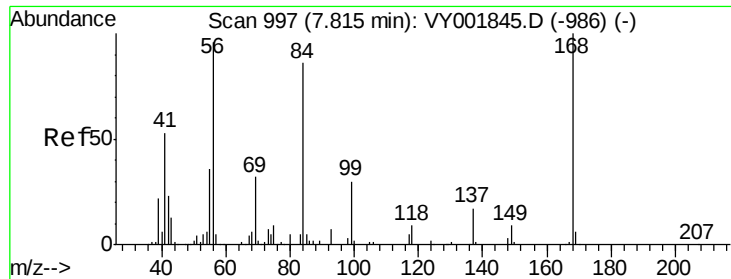
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

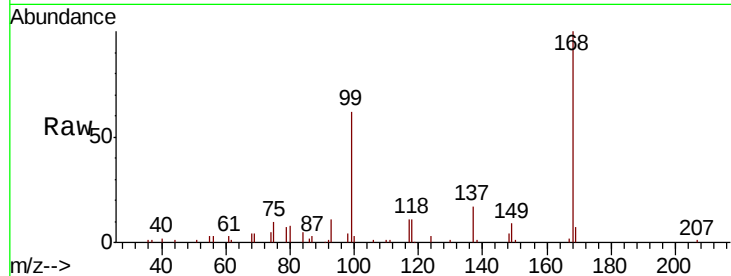
BU-02-031920

Tot Ion:168 Resp: 28386

Ion Ratio Lower Upper

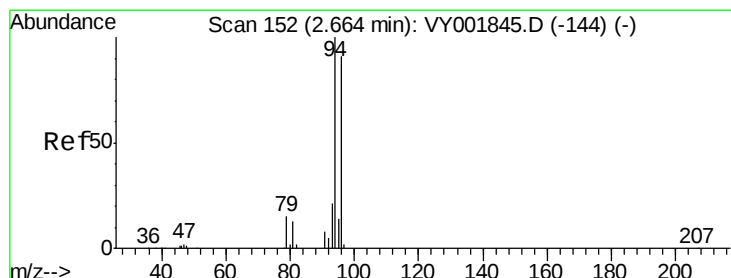
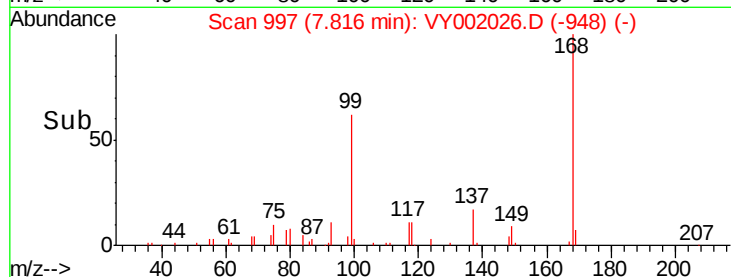
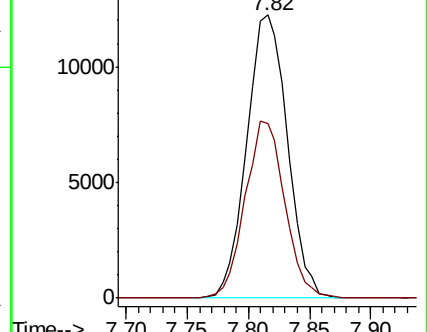
168 100

99 61.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002026.D

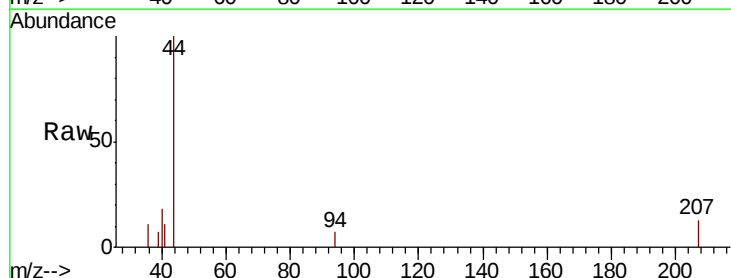
Acq: 19 Mar 2020 17:24

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

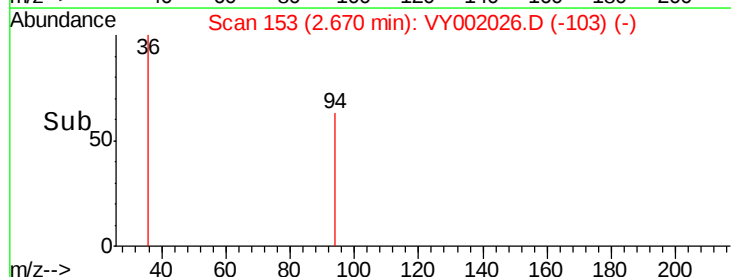
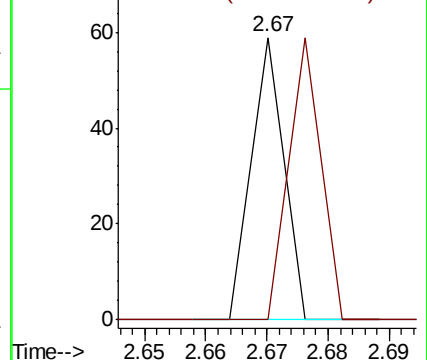
94 100

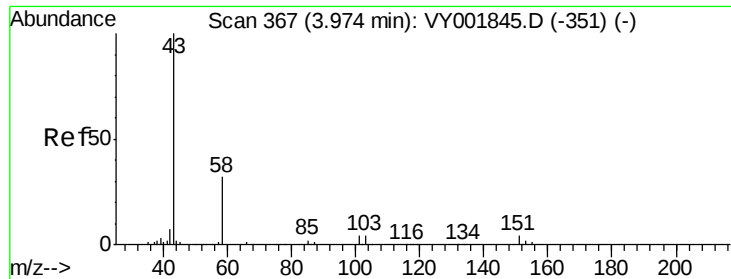
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)





#16

Acetone

Concen: 32.380 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Instrument :

MSVOA_Y

ClientSampled :

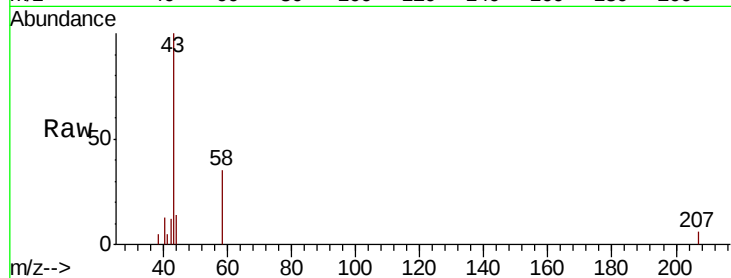
BU-02-031920

Tot Ion: 43 Resp: 2858

Ion Ratio Lower Upper

43 100

58 34.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

Time-->

3.90 3.95 4.00 4.05 4.10

1200

1000

800

600

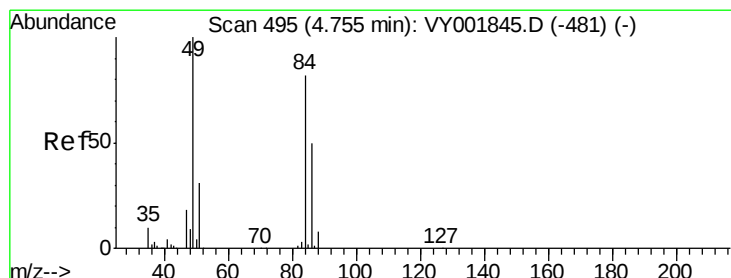
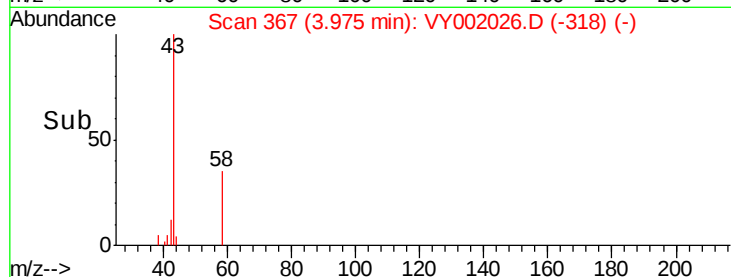
400

200

0

3.97

3.90 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 1.142 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Tgt Ion: 84 Resp: 432

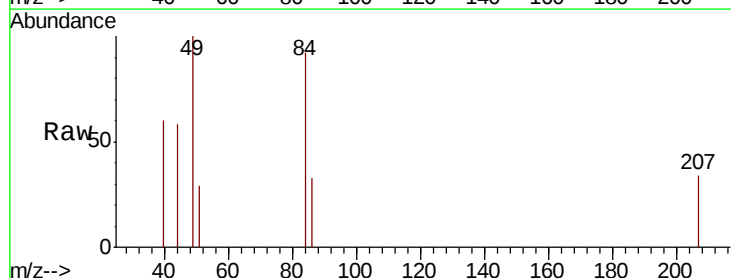
Ion Ratio Lower Upper

84 100

49 108.2 98.2 147.2

51 31.9 30.2 45.2

86 35.4 48.9 73.3#



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

Time-->

4.70 4.75 4.80

400

300

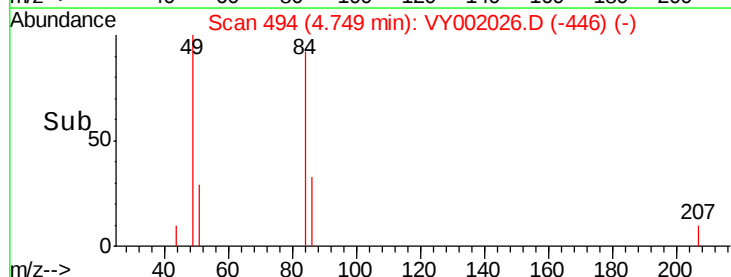
200

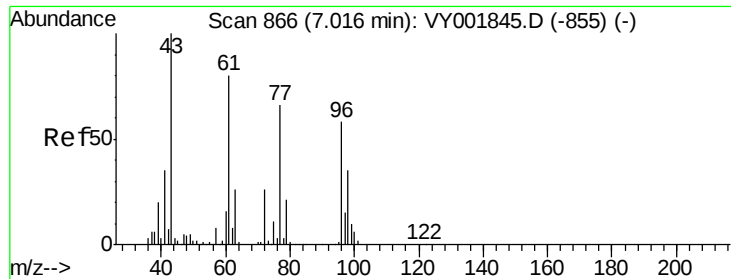
100

0

4.75

4.70 4.75 4.80

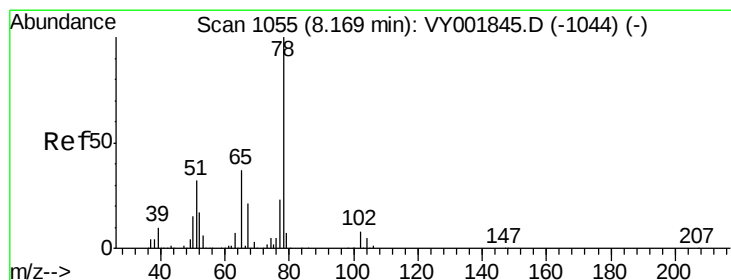
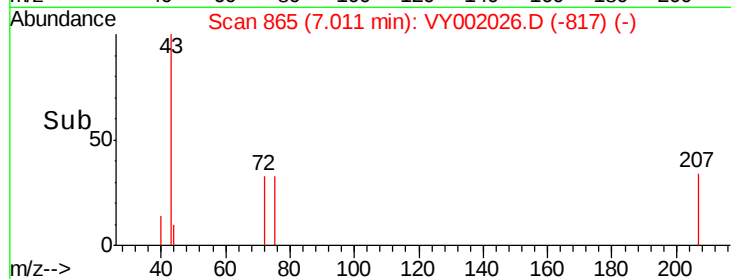
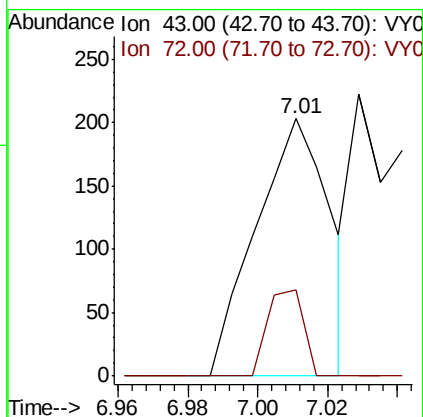
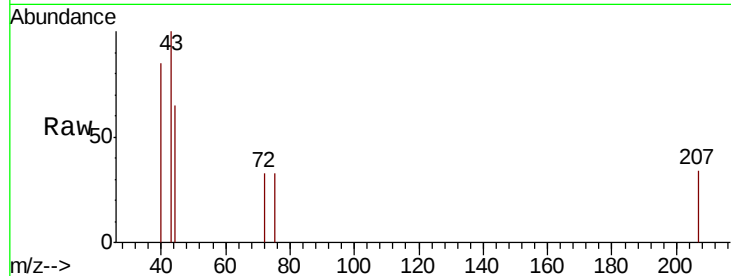




#25
2-Butanone
Concen: 2.205 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002026.D
Acq: 19 Mar 2020 17:24

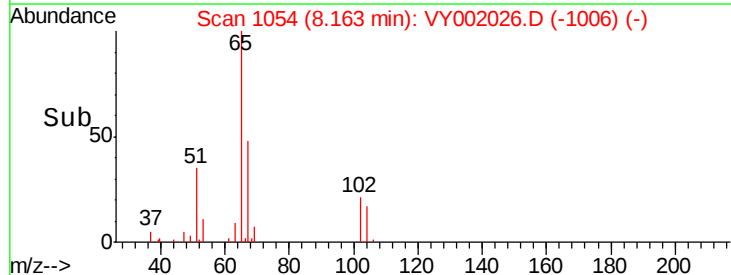
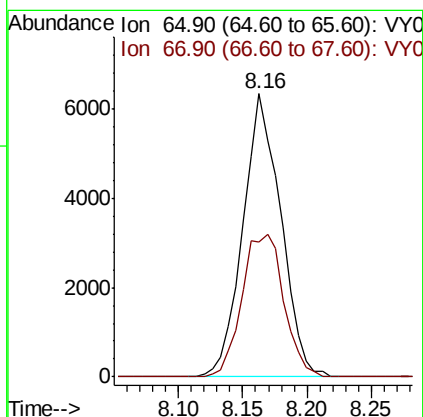
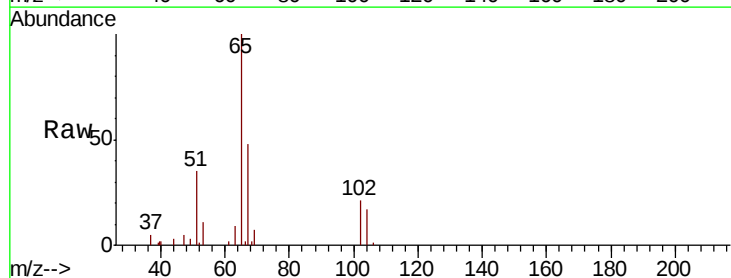
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-031920

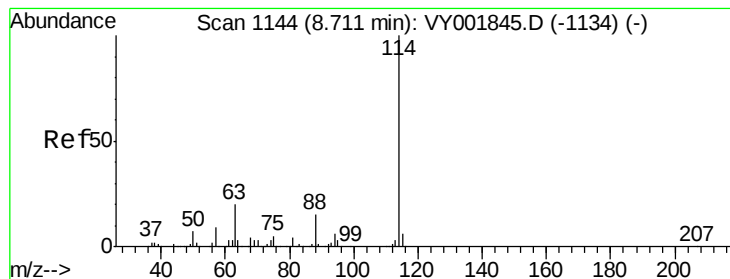
Tot Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
72 33.5 20.9 31.3#



#33
1,2-Dichloroethane-d4
Concen: 42.542 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002026.D
Acq: 19 Mar 2020 17:24

Tgt Ion: 65 Resp: 12892
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-031920

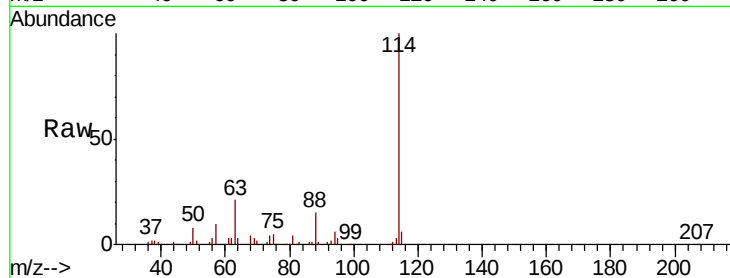
Tot Ion:114 Resp: 48914

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.4

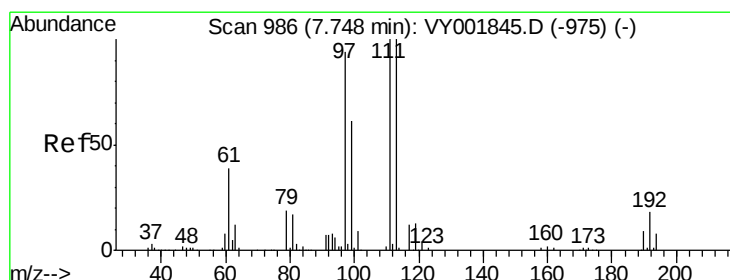
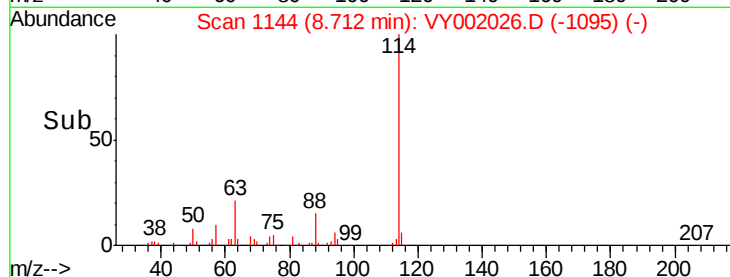
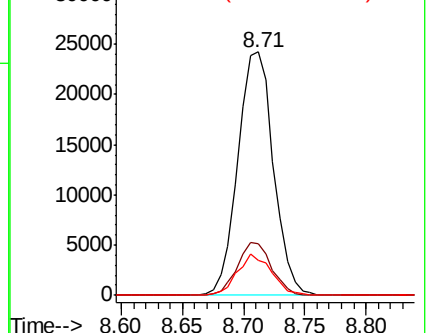
88 14.6 0.0 30.4



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: 47.590 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

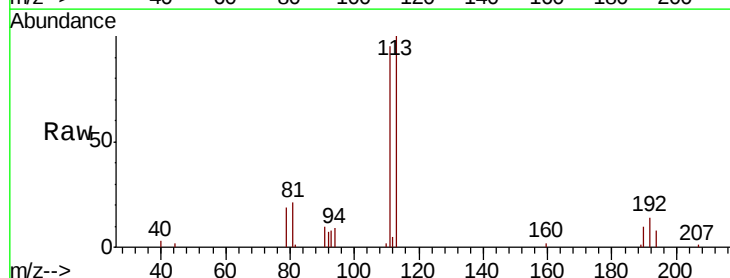
Tgt Ion:113 Resp: 12711

Ion Ratio Lower Upper

113 100

111 100.0 81.8 122.8

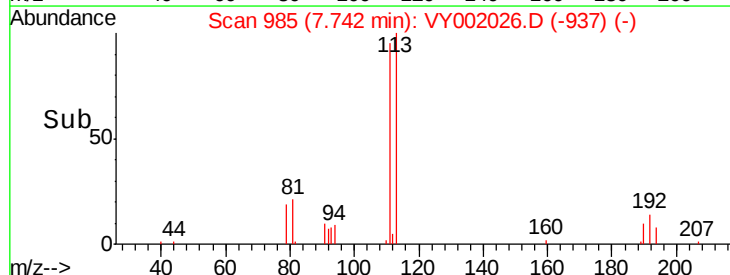
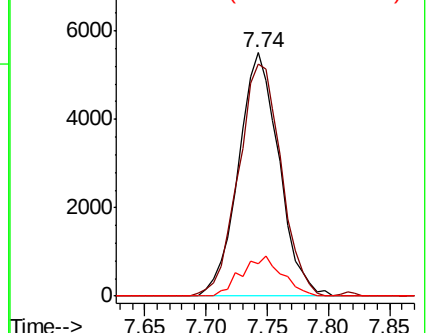
192 16.5 14.2 21.2

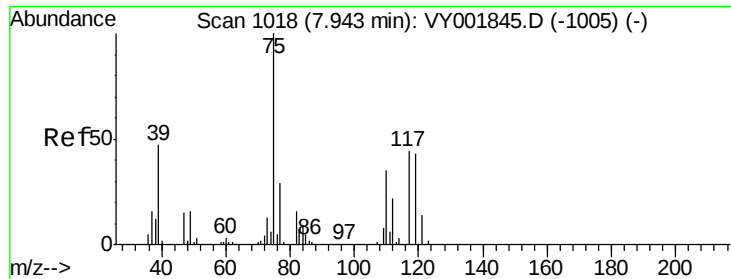


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

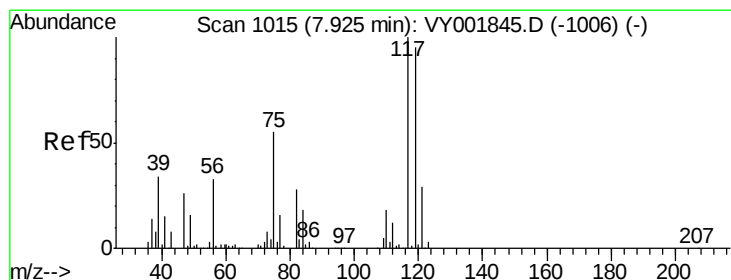
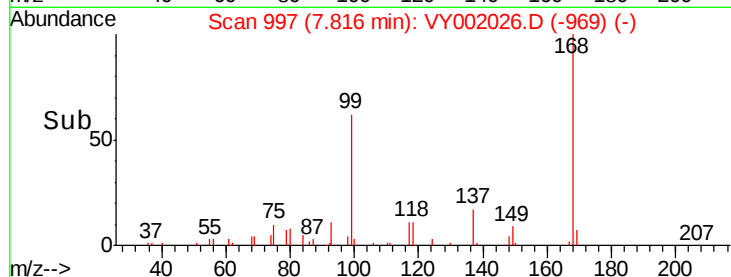
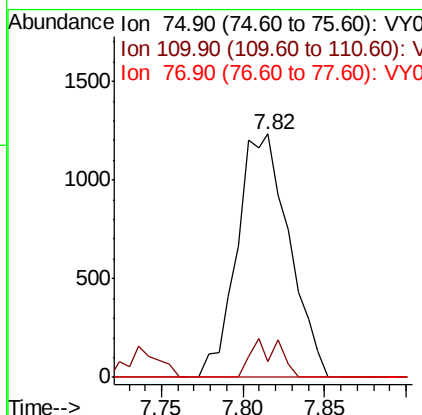
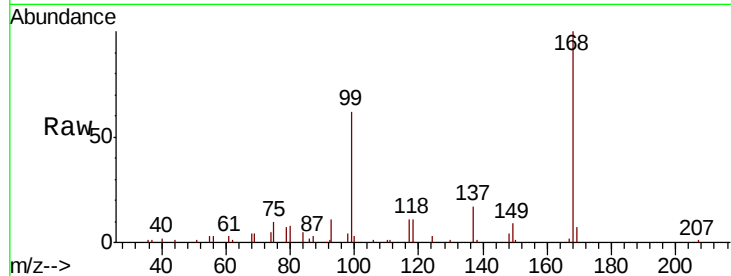




#36
 1,1-Dichloropropene
 Concen: 5.781 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY002026.D
 Acq: 19 Mar 2020 17:24

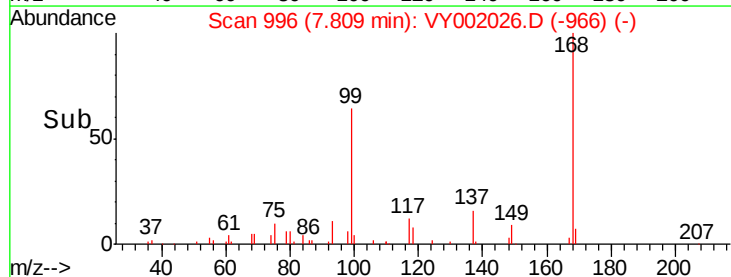
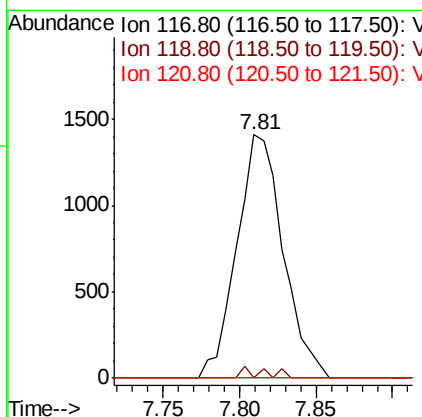
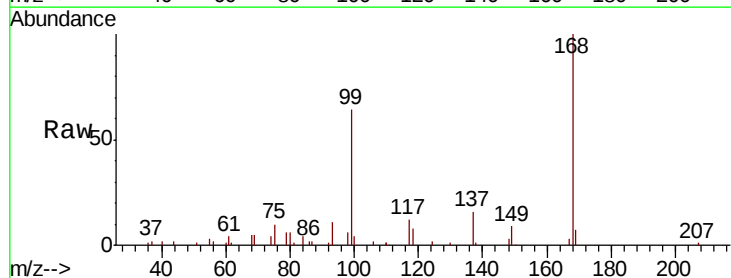
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-031920

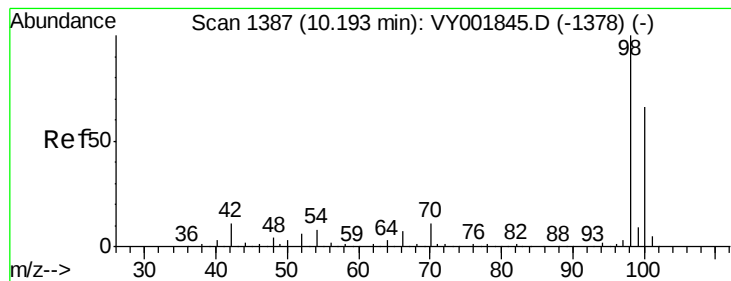
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.4	52.2#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 7.379 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002026.D
 Acq: 19 Mar 2020 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 49.325 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

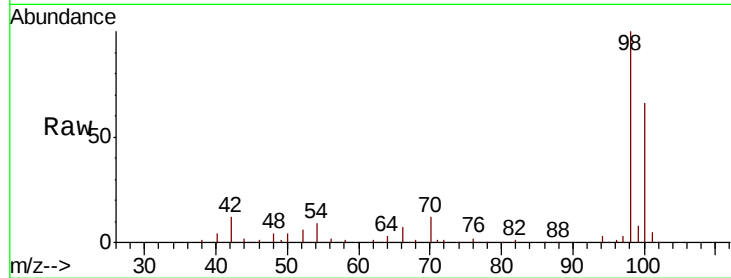
BU-02-031920

Tot Ion: 98 Resp: 55554

Ion Ratio Lower Upper

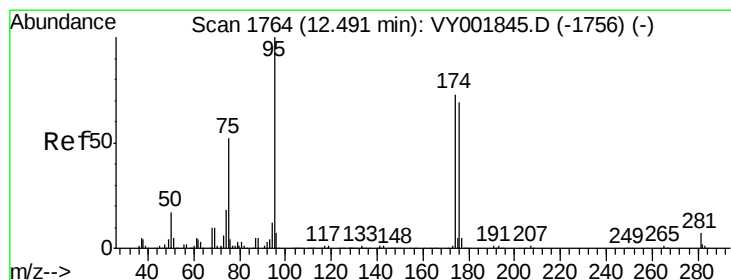
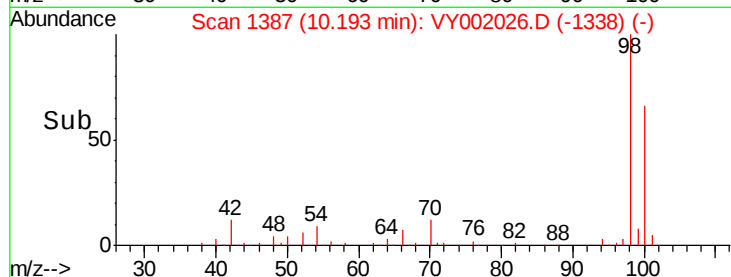
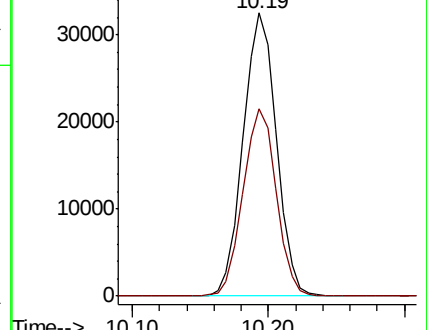
98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 37.534 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

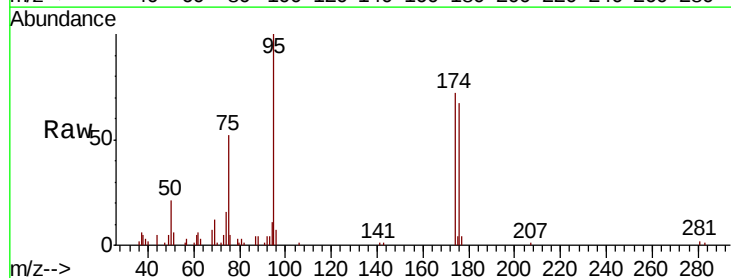
Tgt Ion: 95 Resp: 14699

Ion Ratio Lower Upper

95 100

174 68.1 0.0 145.0

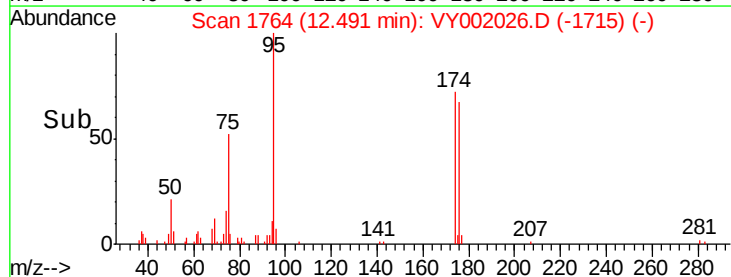
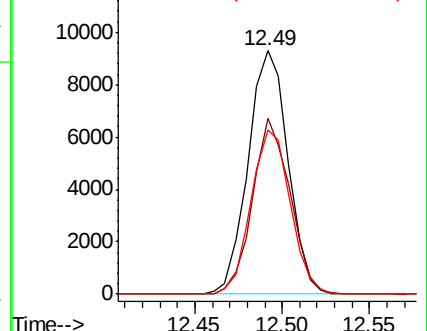
176 66.6 0.0 137.4

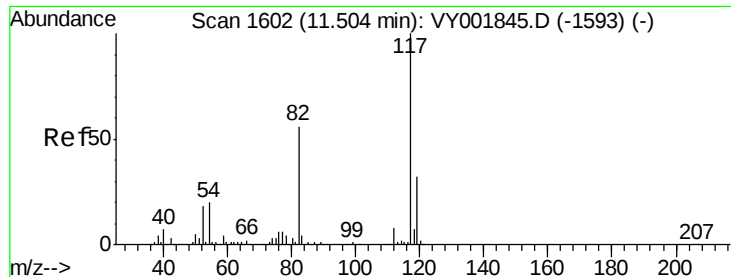


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

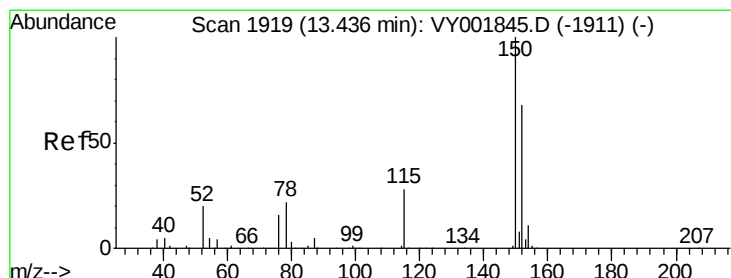
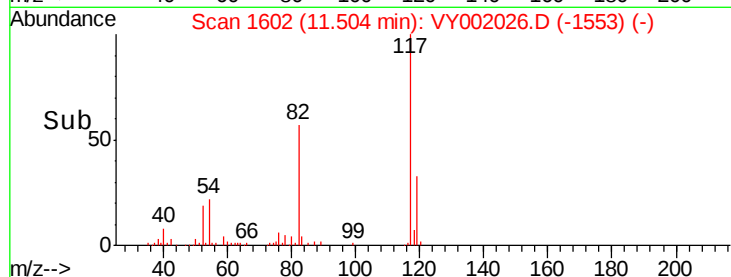
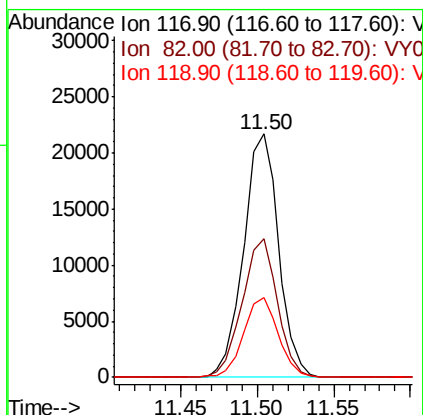
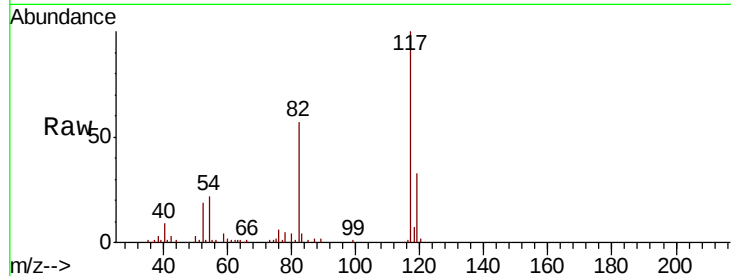




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002026.D
Acq: 19 Mar 2020 17:24

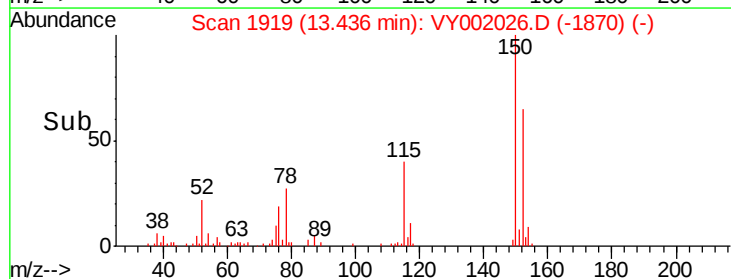
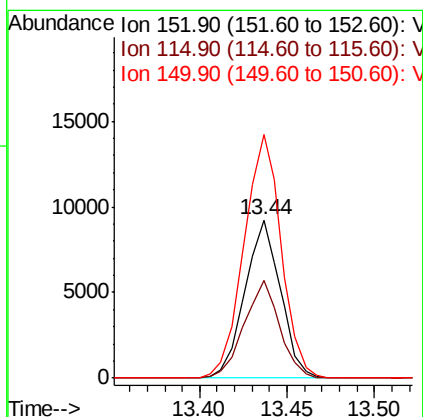
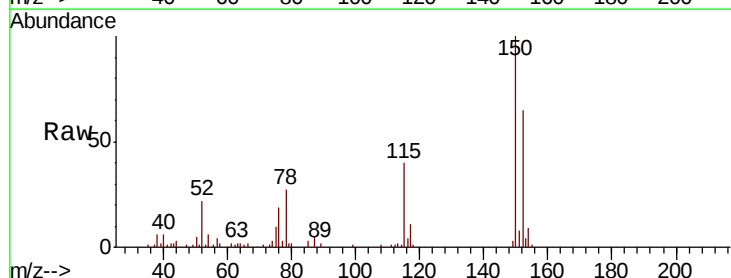
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-031920

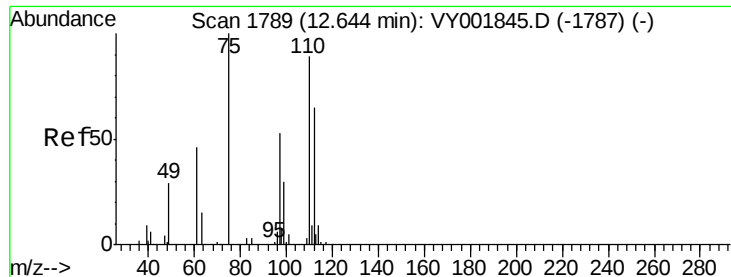
Tot Ion:117 Resp: 34497
Ion Ratio Lower Upper
117 100
82 56.9 44.5 66.7
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002026.D
Acq: 19 Mar 2020 17:24

Tgt Ion:152 Resp: 13098
Ion Ratio Lower Upper
152 100
115 61.2 29.9 89.7
150 160.9 0.0 340.6





#76

1,2,3-Trichloropropane

Concen: 47.234 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

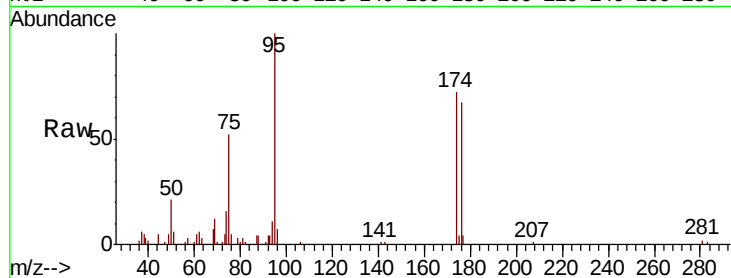
BU-02-031920

Tot Ion: 75 Resp: 7341

Ion Ratio Lower Upper

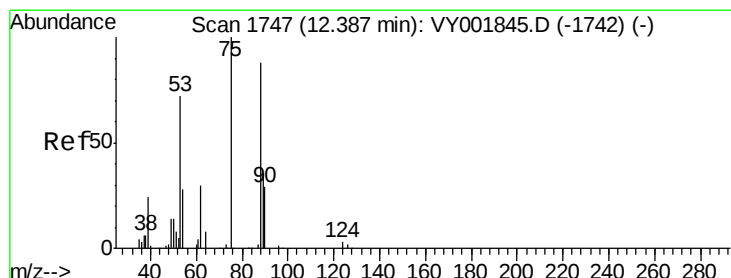
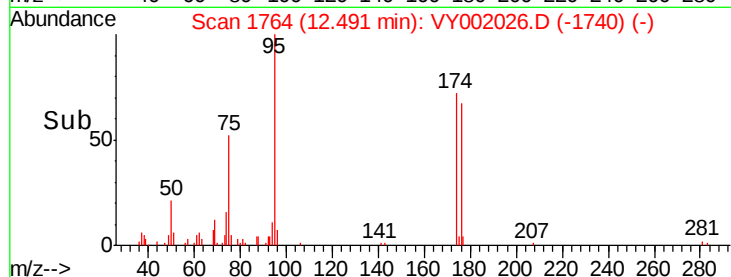
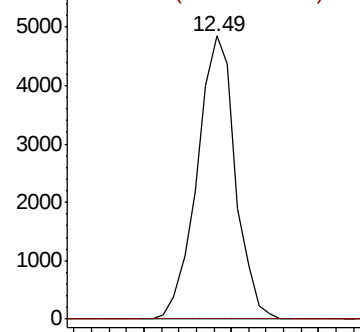
75 100

77 0.0 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: 95.411 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002026.D

Acq: 19 Mar 2020 17:24

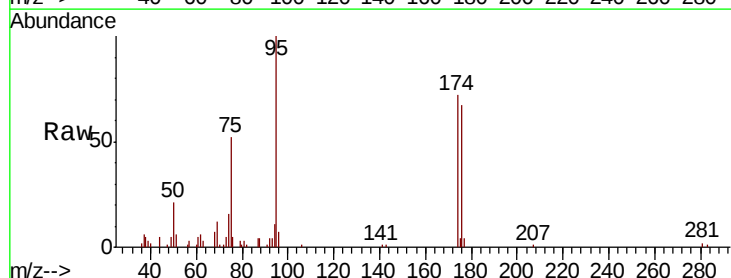
Tgt Ion: 75 Resp: 7341

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#



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

