

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001781.D
 Acq On : 26 Feb 2020 13:49
 Operator : SY/MD
 Sample : L1679-03RE
 Misc : 6.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

Quant Time: Feb 26 15:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115252	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	91000	54.27	ug/l	-0.01
Spiked Amount						
35) Dibromofluoromethane	7.74	113	84328	50.91	ug/l	-0.01
Spiked Amount						
50) Toluene-d8	10.19	98	350137	53.95	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.49	95	117939	46.78	ug/l	0.00
Spiked Amount						

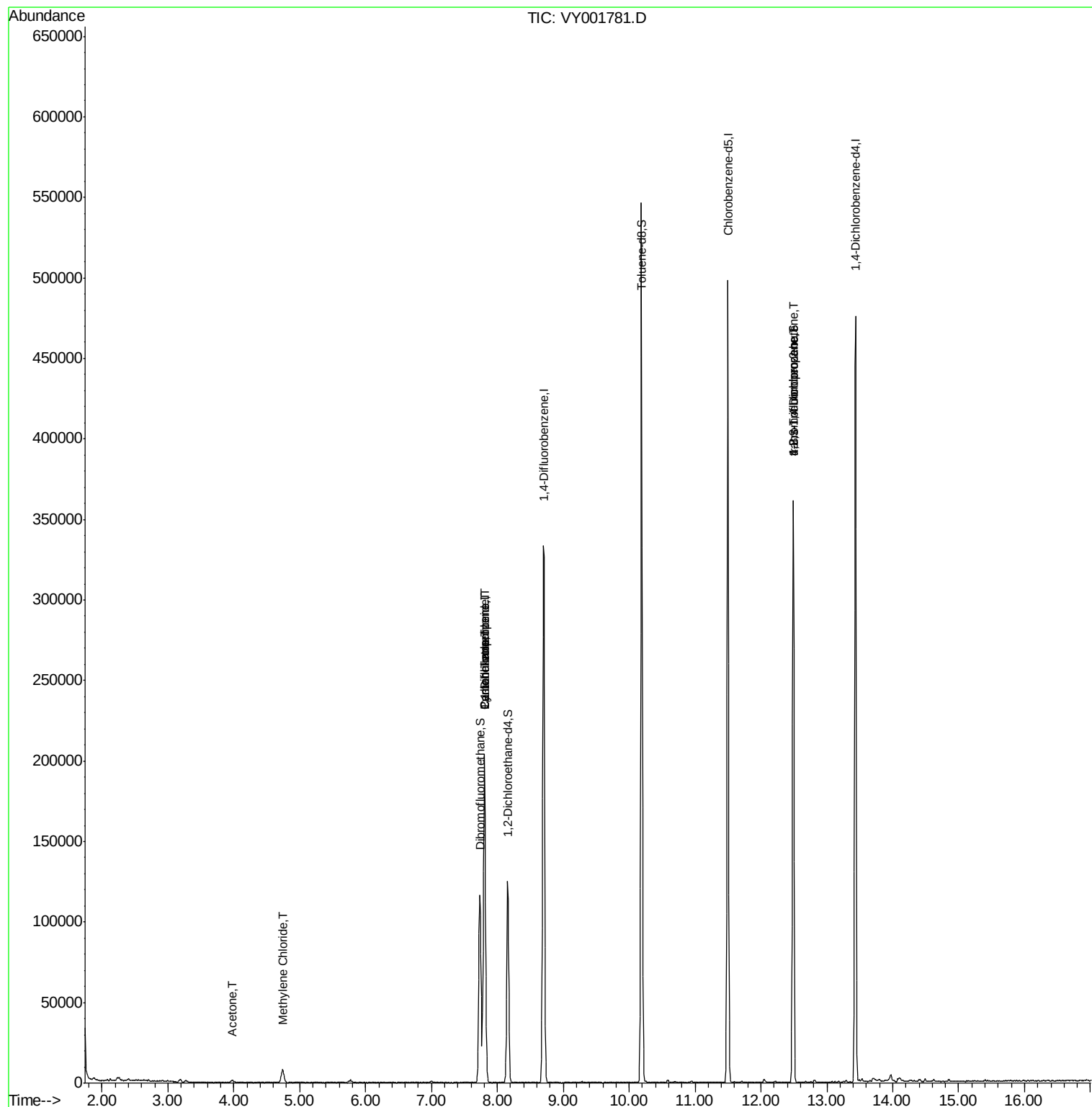
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	1084	Below Cal	#	74
16) Acetone	3.97	43	2732	4.71	ug/l	90
20) Methylene Chloride	4.75	84	6468	3.14	ug/l	# 83
31) Cyclohexane	7.80	56	3538	1.00	ug/l	# 1
36) 1,1-Dichloropropene	7.80	75	12691	4.59	ug/l	# 51
38) Carbon Tetrachloride	7.80	117	15443	6.36	ug/l	# 18
76) 1,2,3-Trichloropropane	12.49	75	59410	44.94	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	59410	85.25	ug/l	# 17

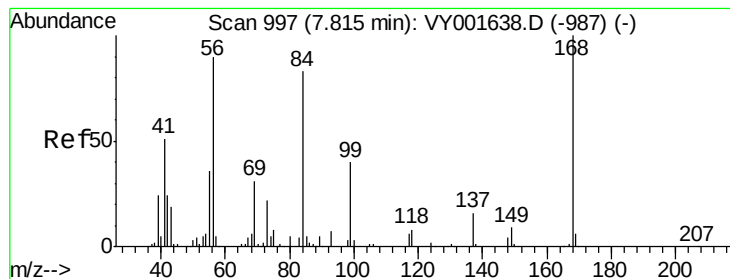
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

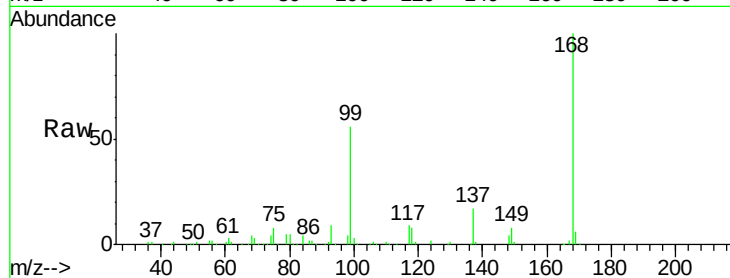
SB-3-12-12.5

Tgt Ion:168 Resp: 155880

Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001781.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001781.D (-948) (-)

7.81

60000

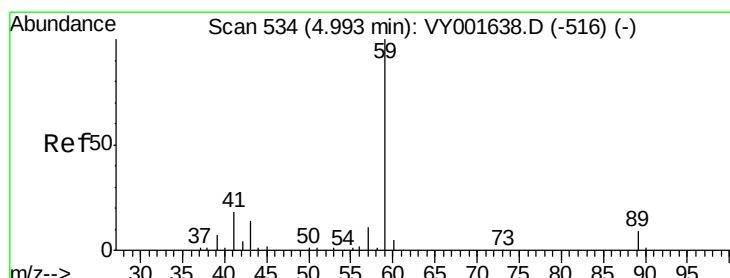
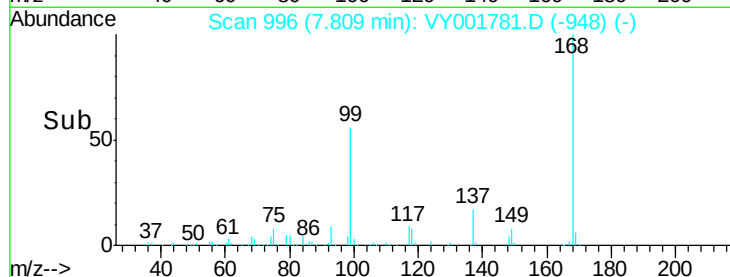
40000

20000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. -0.02 min

Lab File: VY001781.D

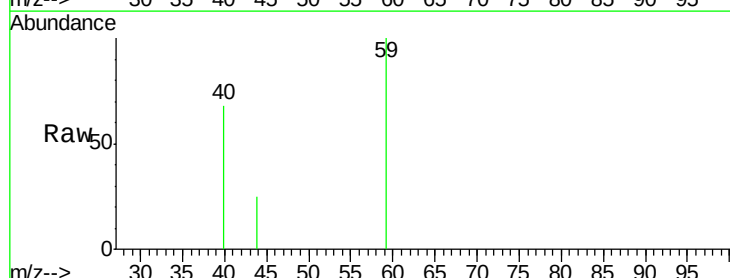
Acq: 26 Feb 2020 13:49

Tgt Ion: 59 Resp: 1084

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001781.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001781.D (-485) (-)

4.97

400

300

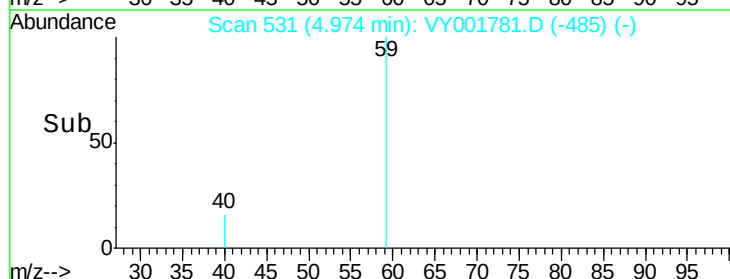
200

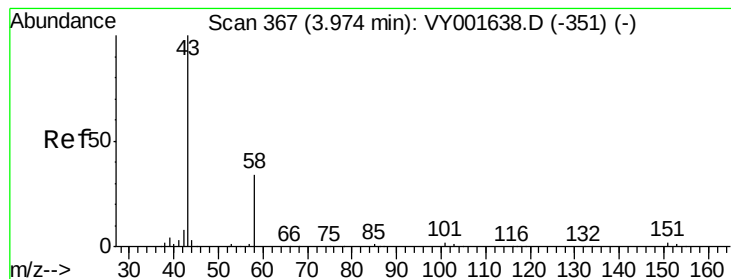
100

0

4.90 4.95 5.00 5.05

Time-->





#16

Acetone

Concen: 4.71 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

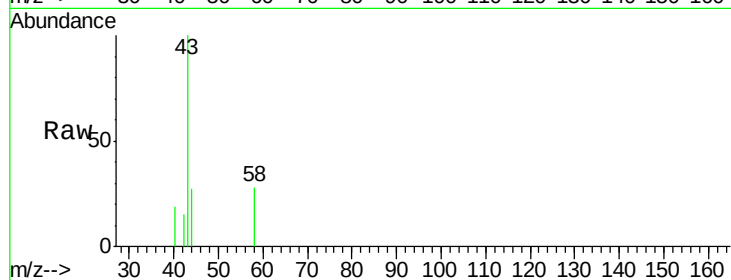
SB-3-12-12.5

Tgt Ion: 43 Resp: 2732

Ion Ratio Lower Upper

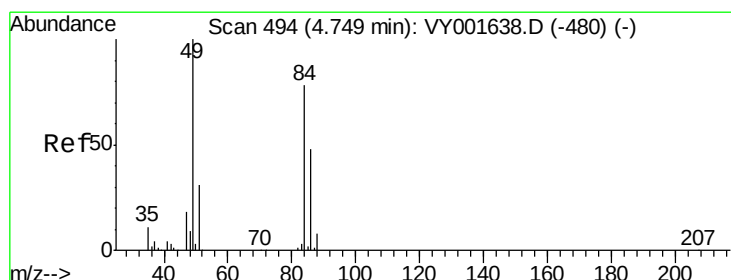
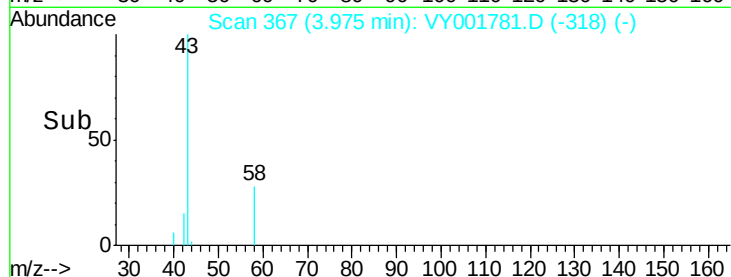
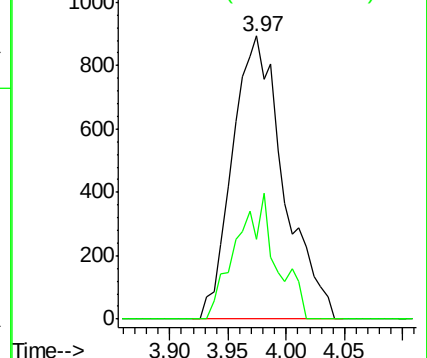
43 100

58 28.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001781.D (-367) (-)

Ion 58.00 (57.70 to 58.70): VY001781.D (-367) (-)



#20

Methylene Chloride

Concen: 3.14 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Tgt Ion: 84 Resp: 6468

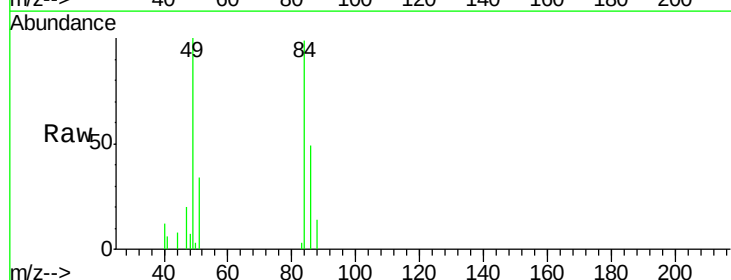
Ion Ratio Lower Upper

84 100

49 101.5 99.2 148.8

51 34.4 31.5 47.3

86 49.7 51.0 76.6#

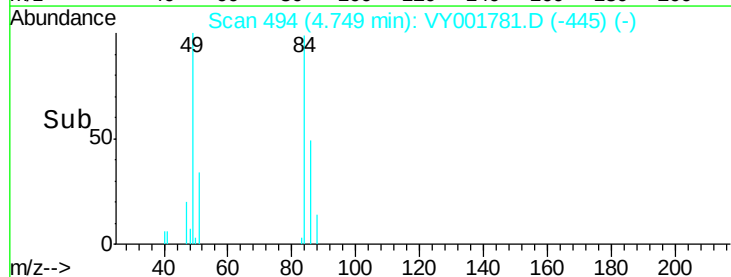
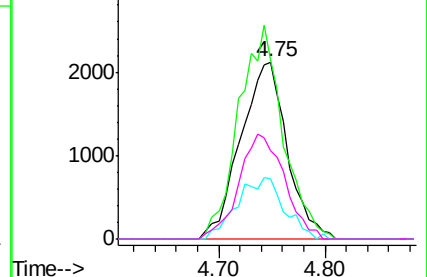


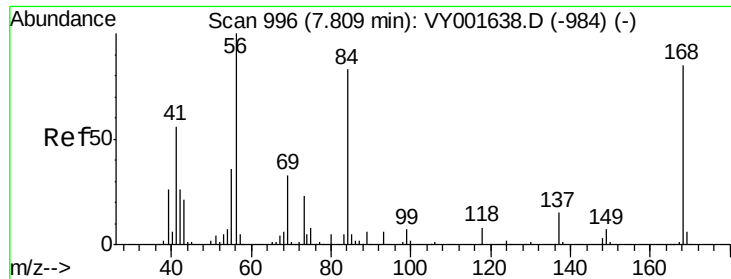
Abundance Ion 83.90 (83.60 to 84.60): VY001781.D (-494) (-)

Ion 48.90 (48.60 to 49.60): VY001781.D (-494) (-)

Ion 50.90 (50.60 to 51.60): VY001781.D (-494) (-)

Ion 85.90 (85.60 to 86.60): VY001781.D (-494) (-)

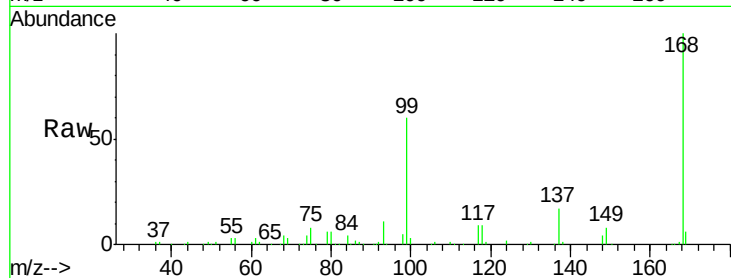




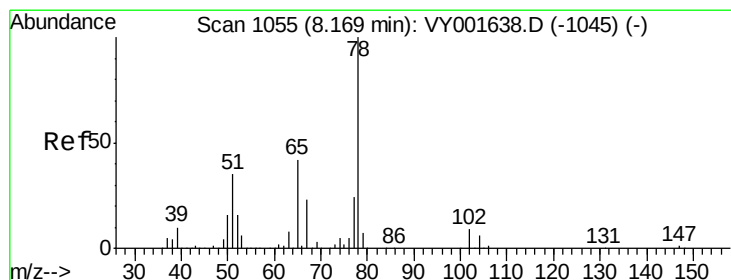
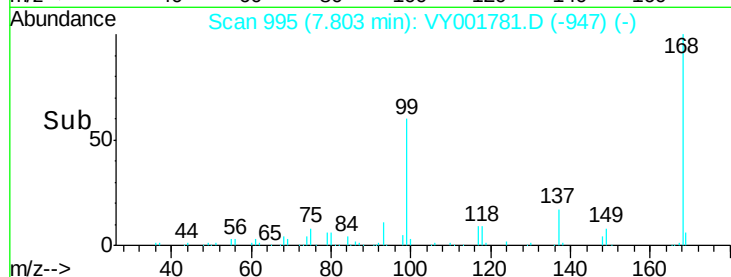
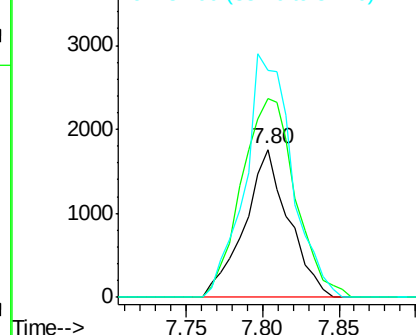
#31
Cyclohexane
Concen: 1.00 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

Tgt Ion: 56 Resp: 3538
Ion Ratio Lower Upper
56 100
69 134.1 25.1 37.7#
84 152.8 66.9 100.3#

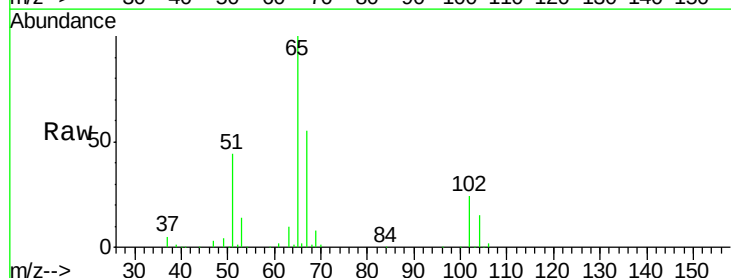


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

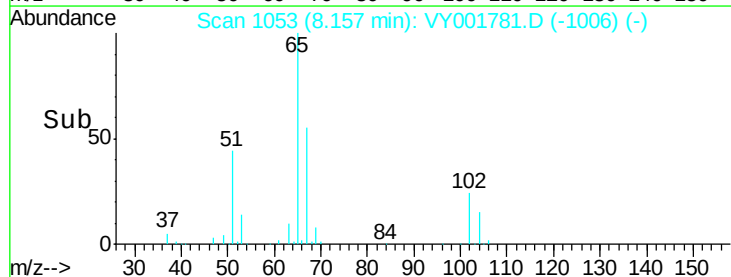
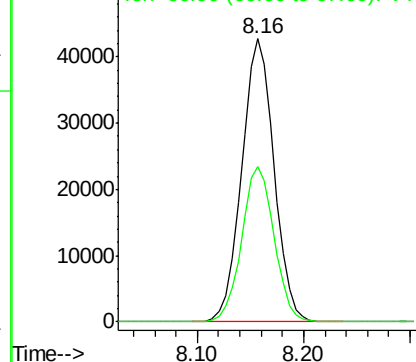


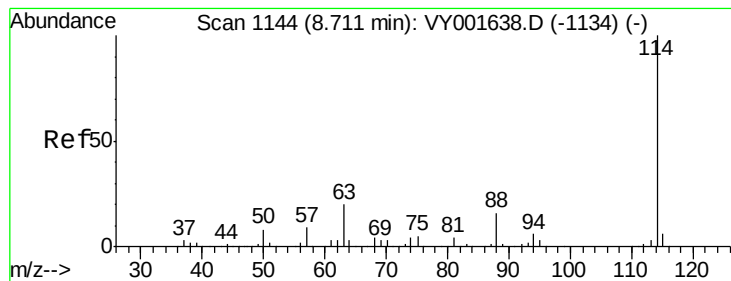
#33
1,2-Dichloroethane-d4
Concen: 54.27 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Tgt Ion: 65 Resp: 91000
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-12-12.5

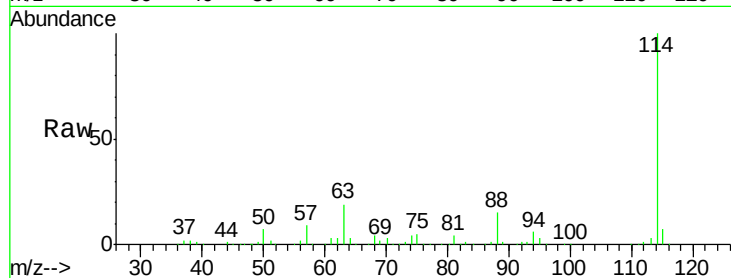
Tgt Ion:114 Resp: 289227

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

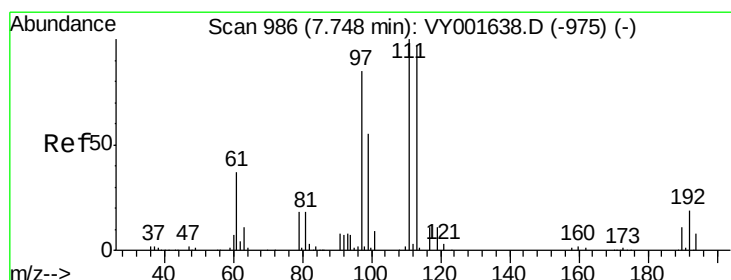
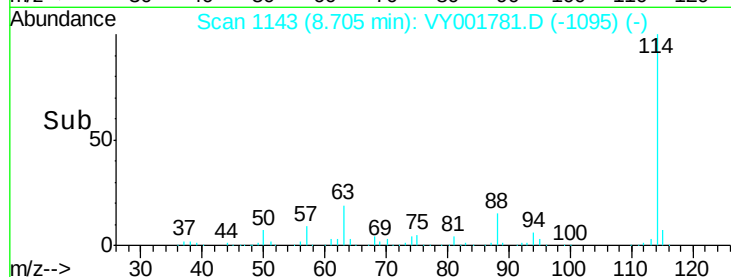
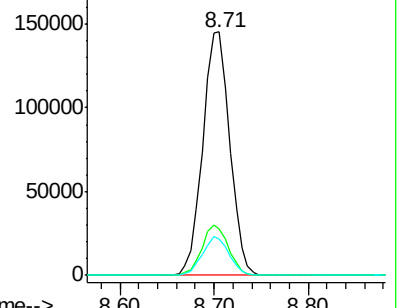
88 15.1 0.0 32.8



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: 50.91 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

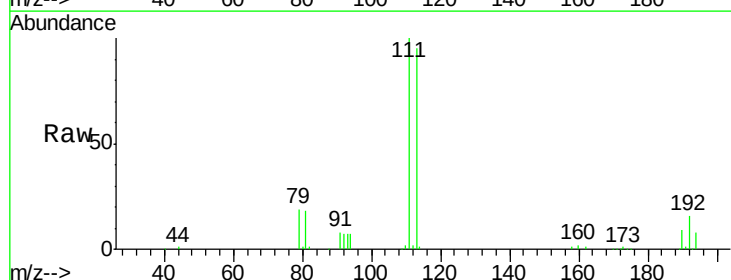
Tgt Ion:113 Resp: 84328

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

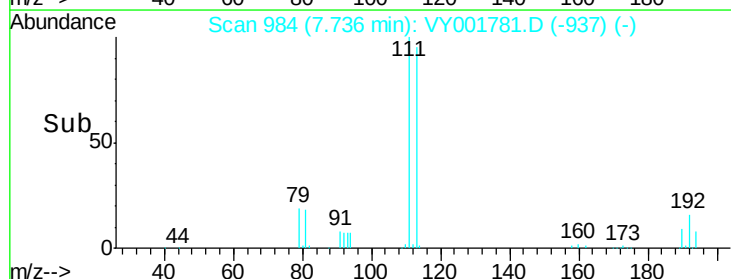
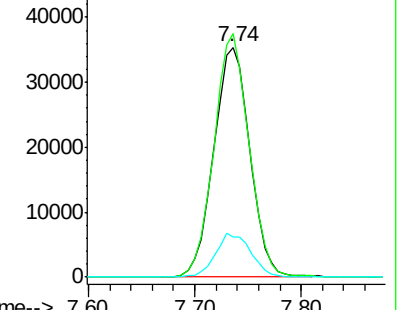
192 18.5 14.3 21.5

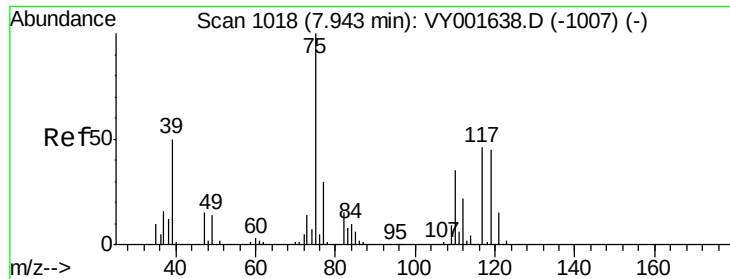


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

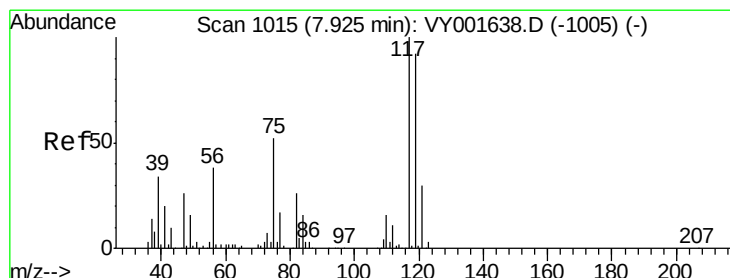
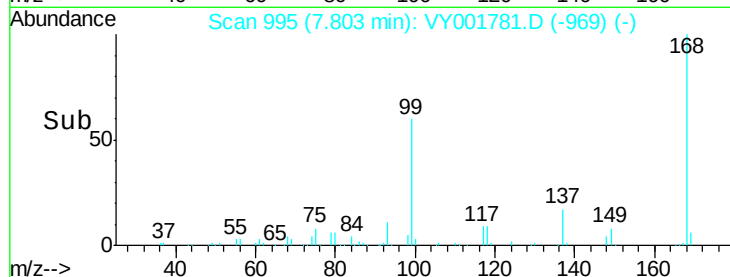
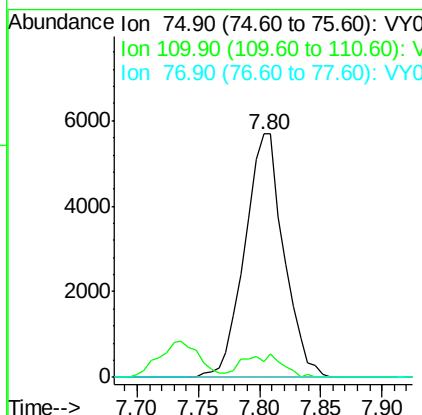
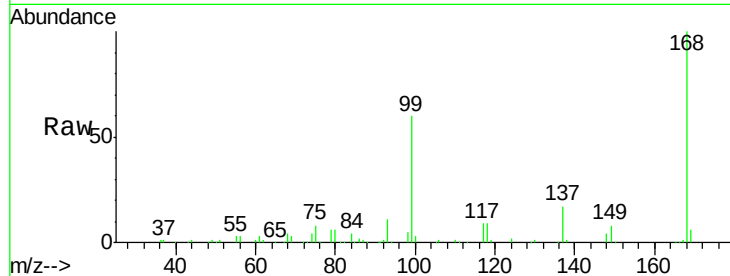




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001781.D
 Acq: 26 Feb 2020 13:49

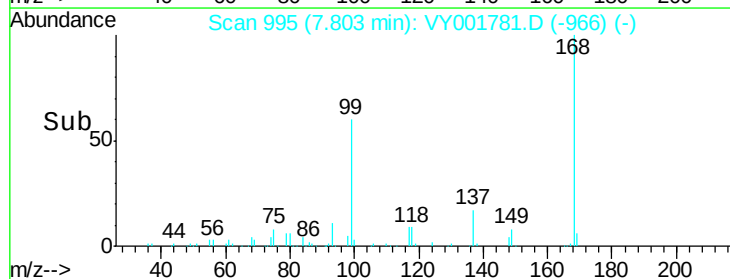
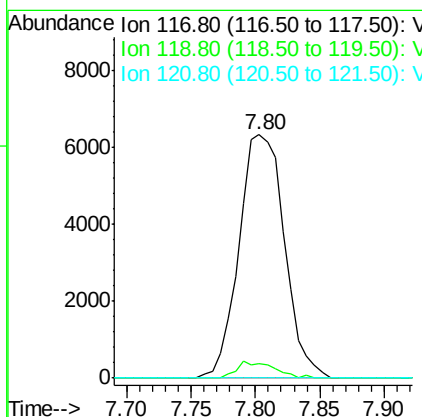
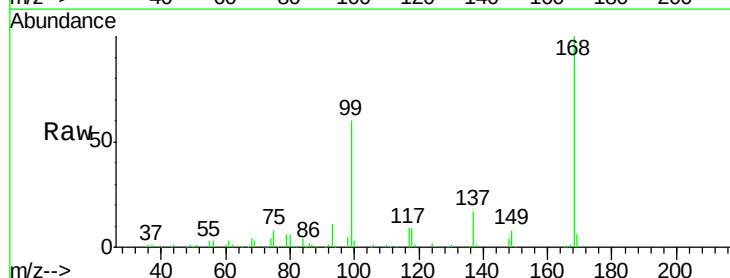
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-12-12.5

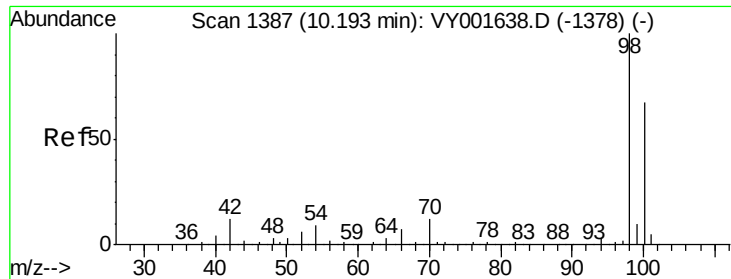
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.36 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001781.D
 Acq: 26 Feb 2020 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 53.95 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

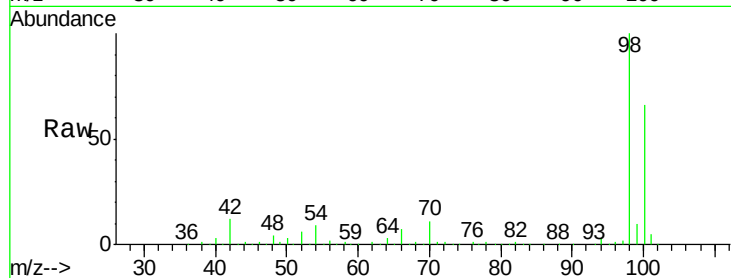
SB-3-12-12.5

Tgt Ion: 98 Resp: 350137

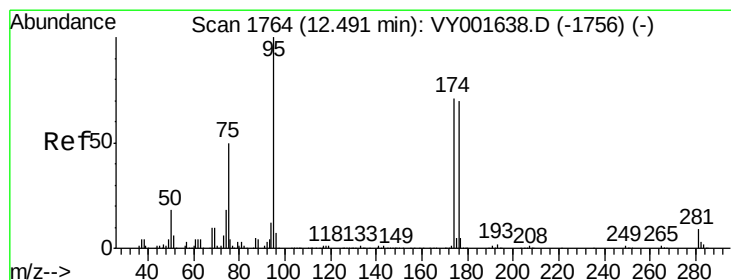
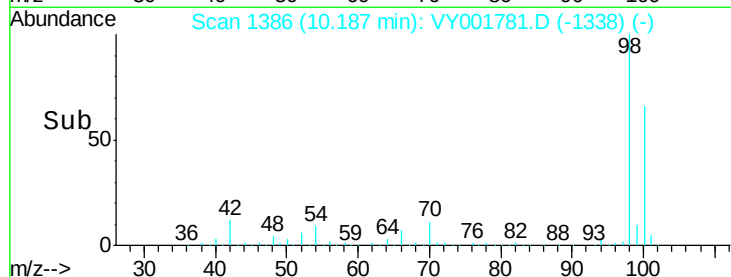
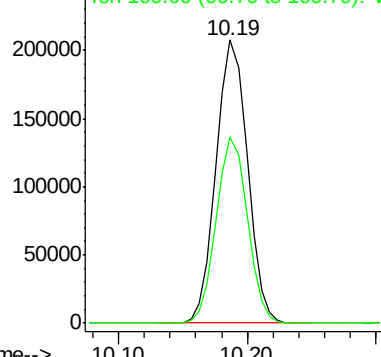
Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 46.78 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

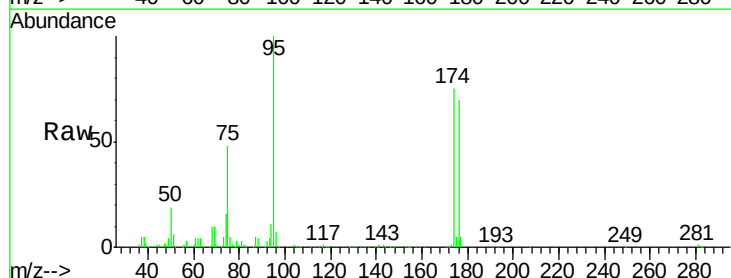
Tgt Ion: 95 Resp: 117939

Ion Ratio Lower Upper

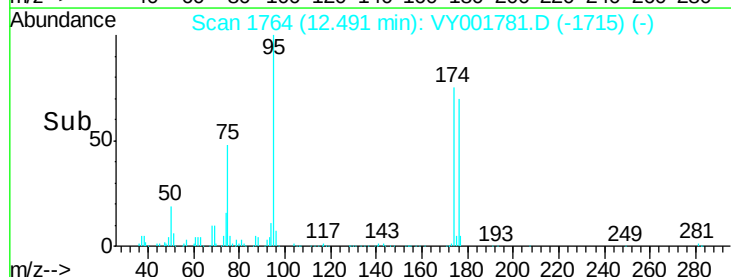
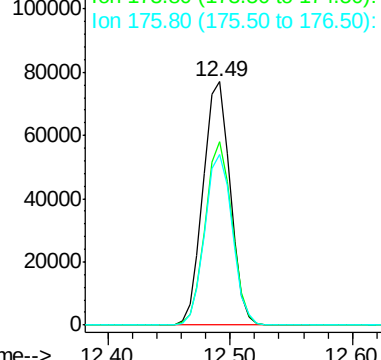
95 100

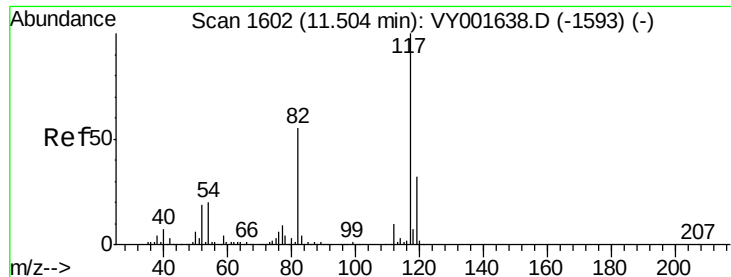
174 74.2 0.0 138.4

176 70.7 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

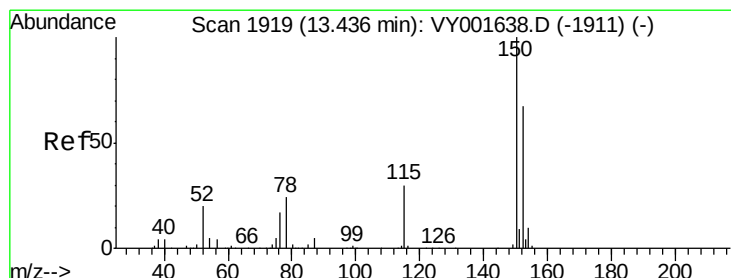
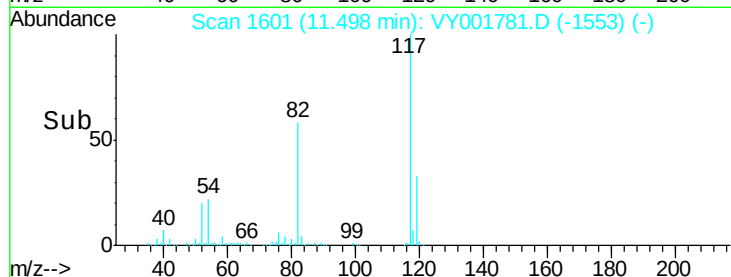
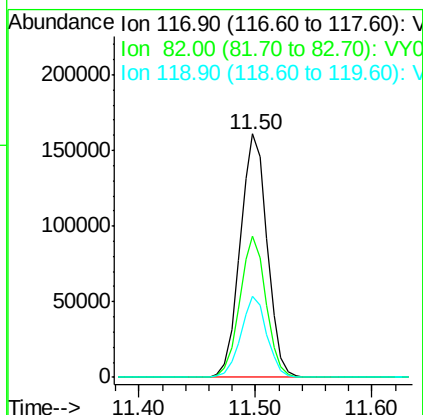
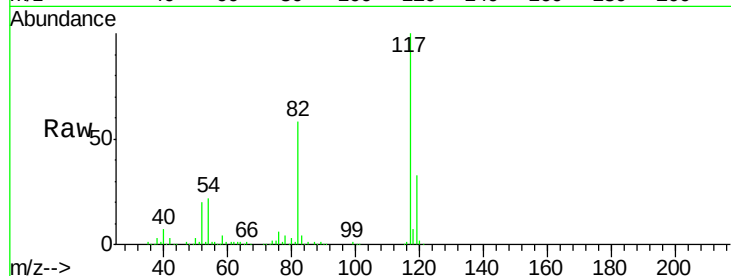




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

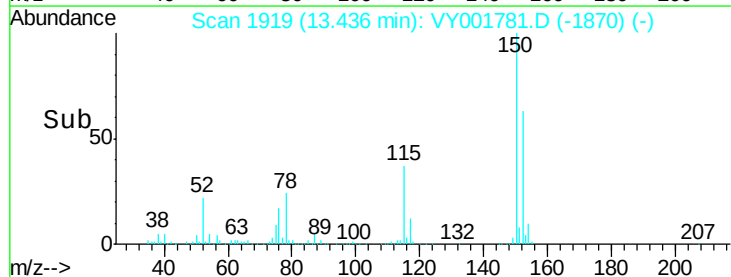
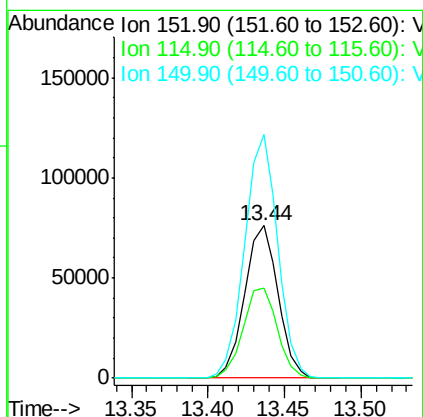
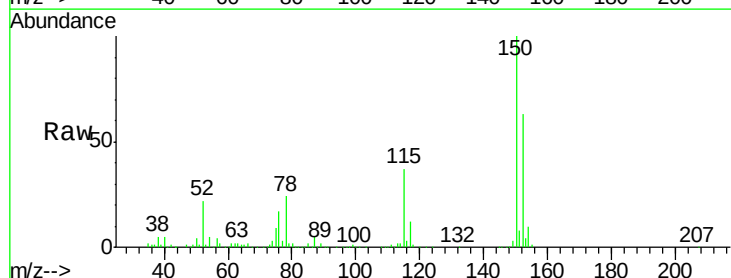
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-12-12.5

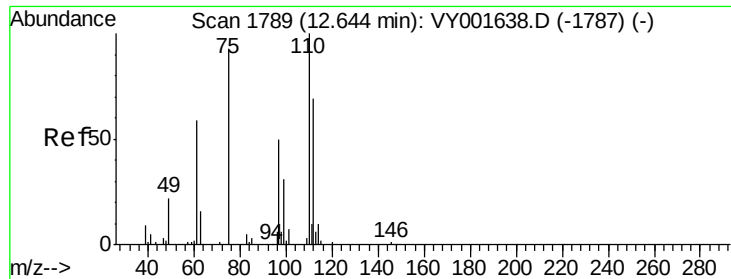
Tgt Ion:117 Resp: 259252
Ion Ratio Lower Upper
117 100
82 57.9 45.5 68.3
119 33.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001781.D
Acq: 26 Feb 2020 13:49

Tgt Ion:152 Resp: 115252
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.2
150 158.4 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 44.94 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001781.D

Acq: 26 Feb 2020 13:49

Instrument :

MSVOA_Y

ClientSampled :

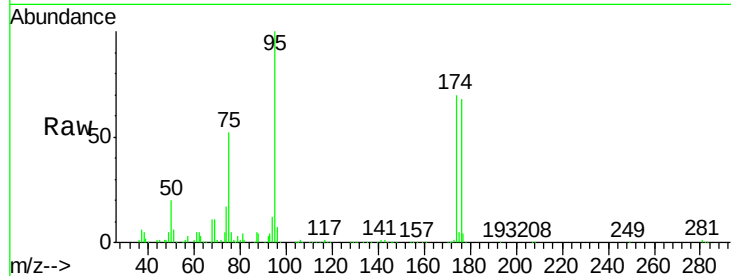
SB-3-12-12.5

Tgt Ion: 75 Resp: 59410

Ion Ratio Lower Upper

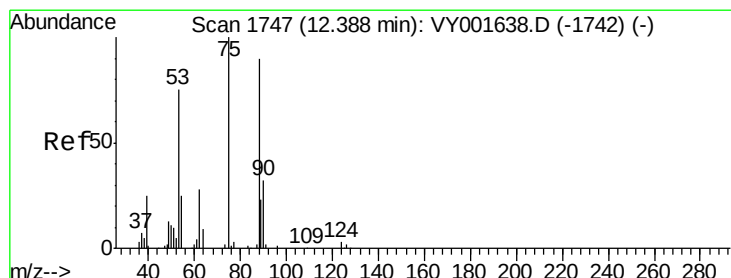
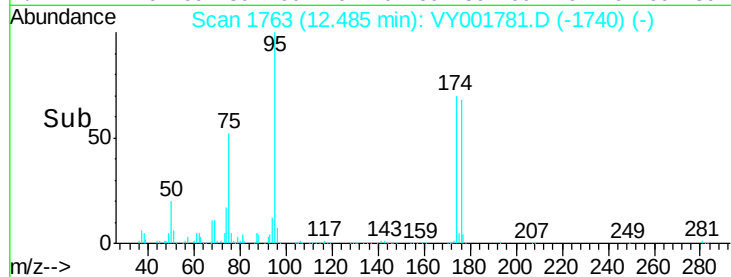
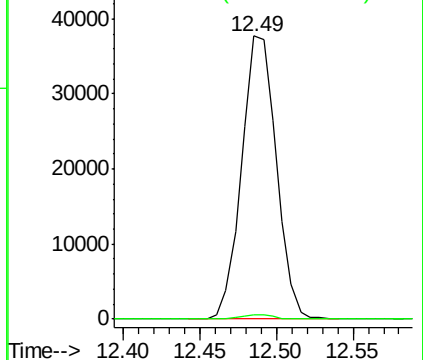
75 100

77 1.3 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: 85.25 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

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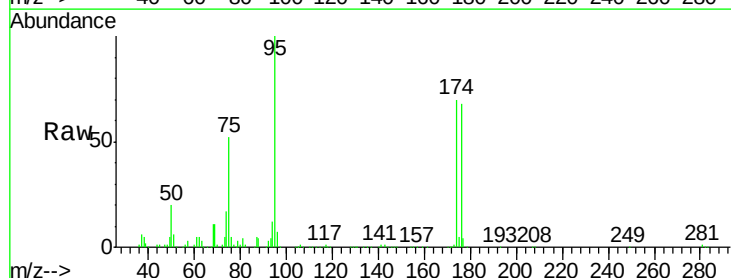
Tgt Ion: 75 Resp: 59410

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



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

