

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000287.D
 Acq On : 11 Oct 2019 21:40
 Operator : SY/MD
 Sample : K5323-05
 Misc : 7.16G/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:39:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:29:17 2019
 Response via : Initial Calibration

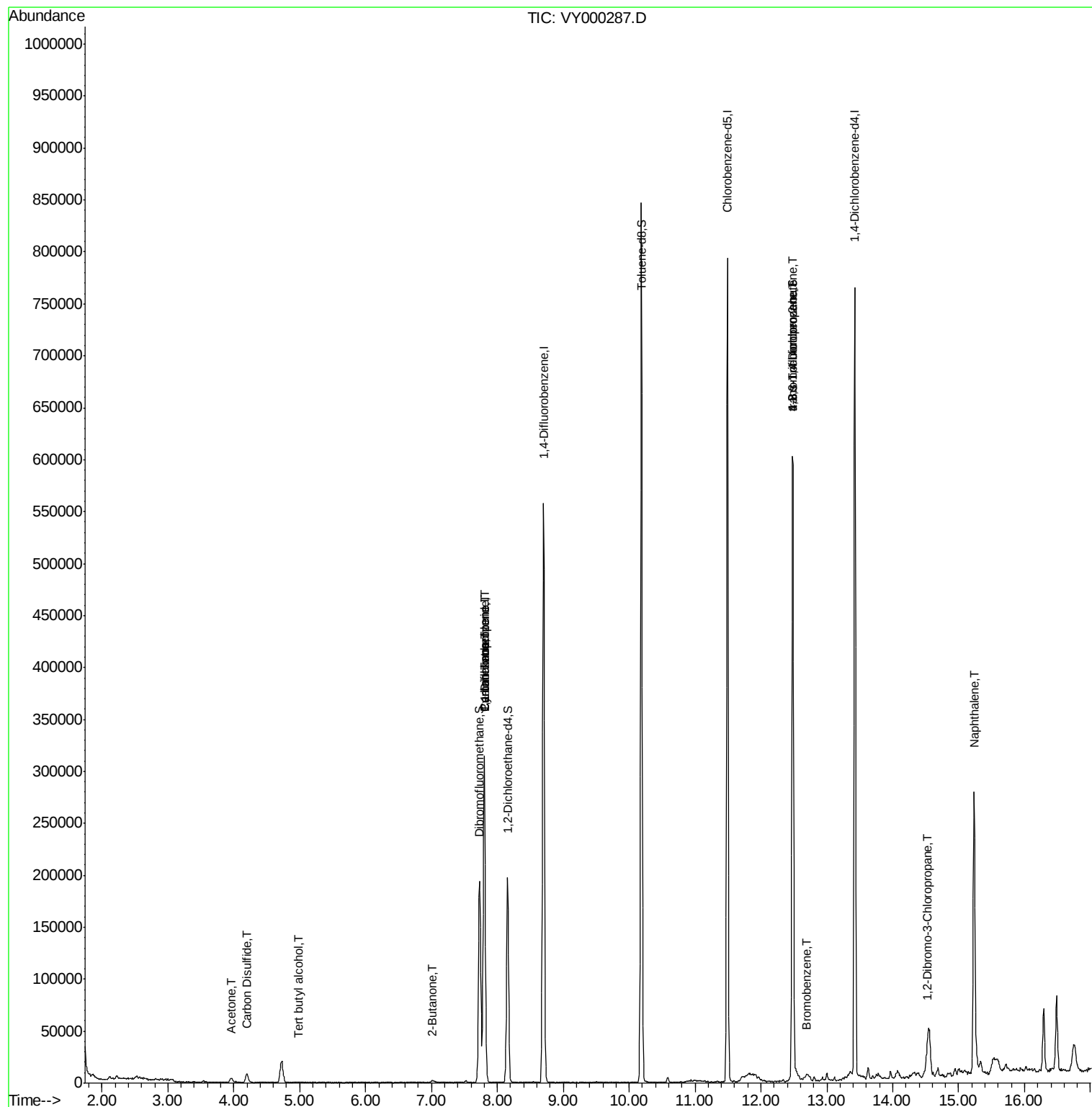
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	465874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	153784	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
35) Dibromofluoromethane	7.73	113	134401	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.19	98	542092	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.48	95	184783	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	83	Below Cal	#	41
5) Bromomethane	2.66	94	120	Below Cal	#	52
11) Tert butyl alcohol	4.99	59	827	3.119	ug/l #	73
16) Acetone	3.97	43	7970	9.713	ug/l	89
17) Carbon Disulfide	4.20	76	17059	2.233	ug/l	98
25) 2-Butanone	7.01	43	2502	2.165	ug/l	99
31) Cyclohexane	7.80	56	5461	1.127	ug/l #	35
36) 1,1-Dichloropropene	7.80	75	19204	4.210	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24329	5.509	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	98424	43.608	ug/l #	100
77) Bromobenzene	12.70	156	6002	1.885	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	98424	95.412	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.52	75	865	1.697	ug/l #	1
95) Naphthalene	15.23	128	183644	20.814	ug/l	100

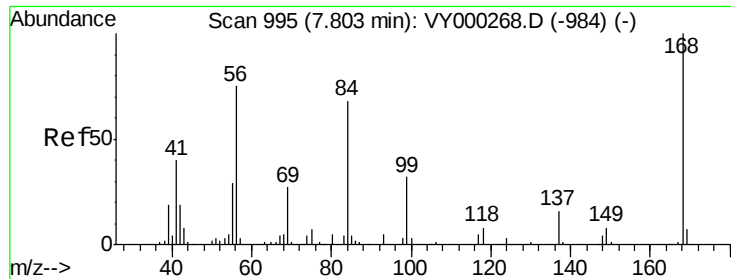
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000287.D
Acq On : 11 Oct 2019 21:40
Operator : SY/MD
Sample : K5323-05
Misc : 7.16G/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:39:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

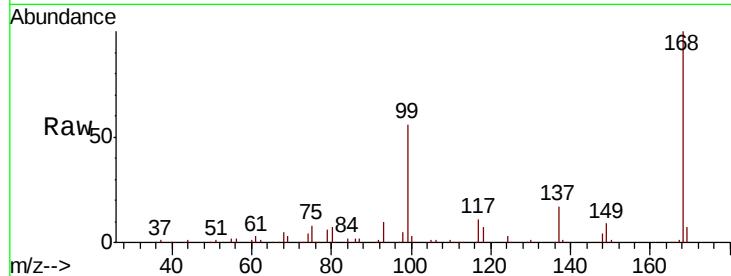
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 240204

Ion Ratio Lower Upper

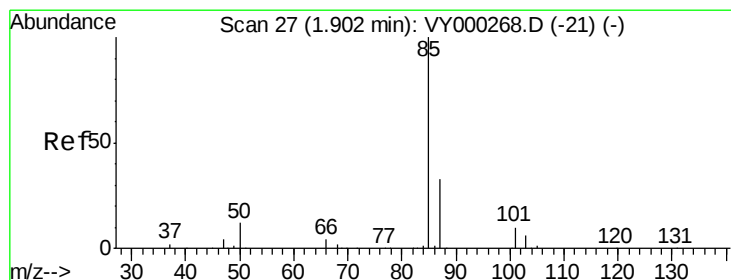
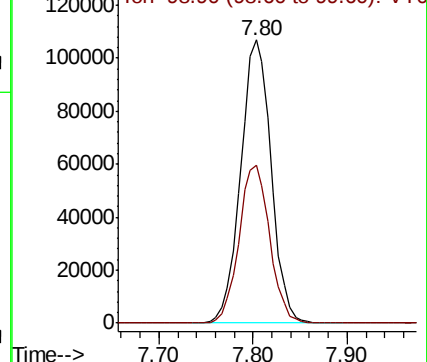
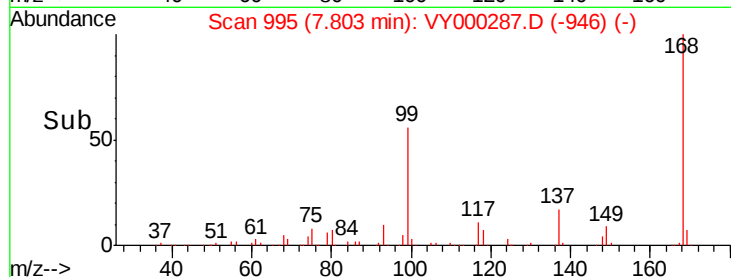
168 100

99 55.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000287.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000287.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000287.D

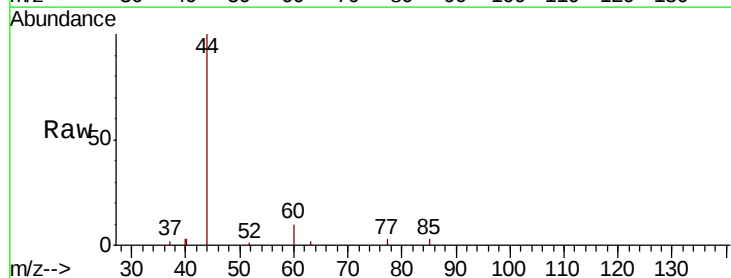
Acq: 11 Oct 2019 21:40

Tgt Ion: 85 Resp: 83

Ion Ratio Lower Upper

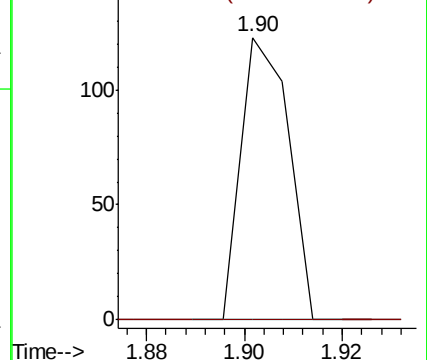
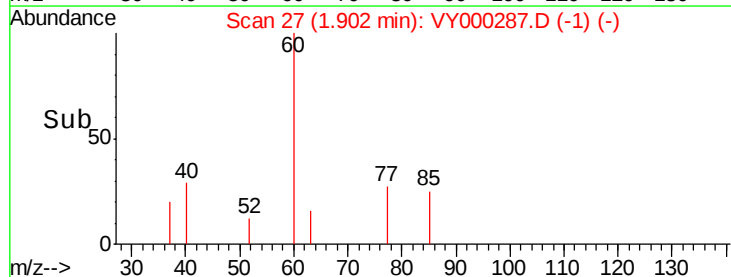
85 100

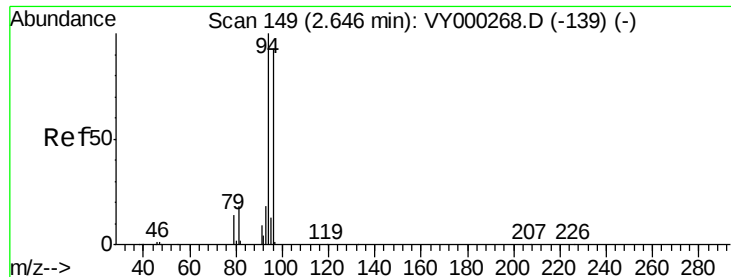
87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000287.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000287.D (-1) (-)





#5

Bromomethane

Concen: Below Cal

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

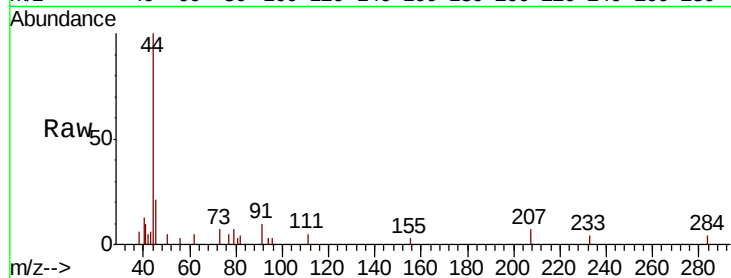
ClientSampleId :

Tot Ion: 94 Resp: 120

Ion Ratio Lower Upper

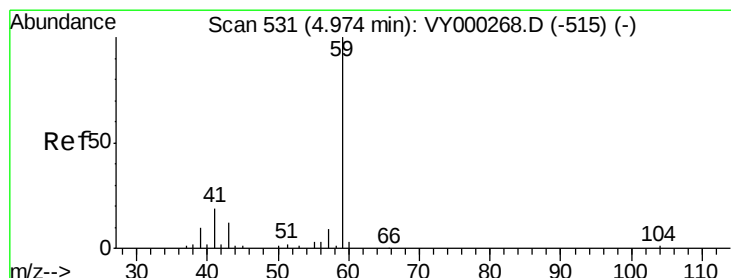
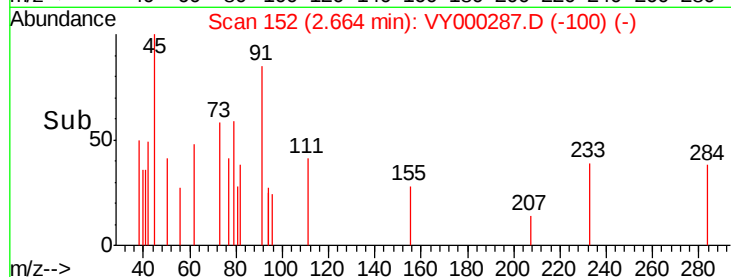
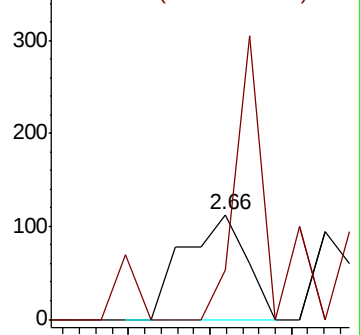
94 100

96 46.9 74.2 111.2#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#11

Tert butyl alcohol

Concen: 3.119 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.02 min

Lab File: VY000287.D

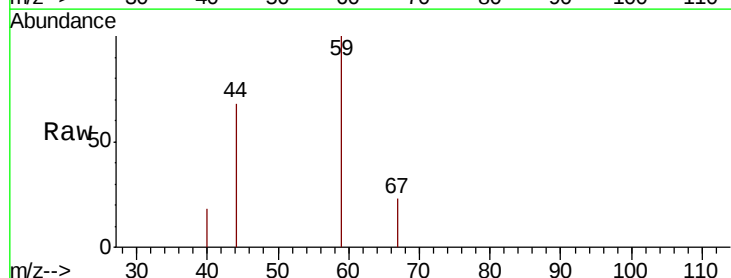
Acq: 11 Oct 2019 21:40

Tgt Ion: 59 Resp: 827

Ion Ratio Lower Upper

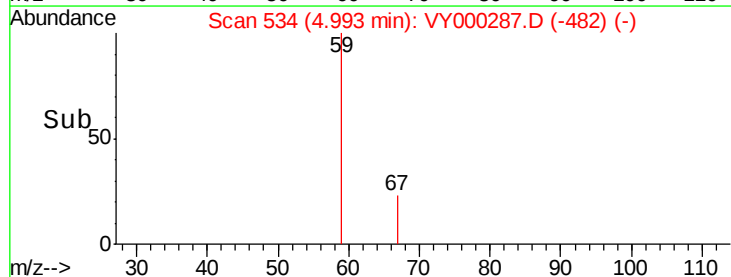
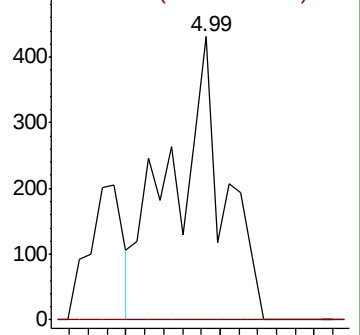
59 100

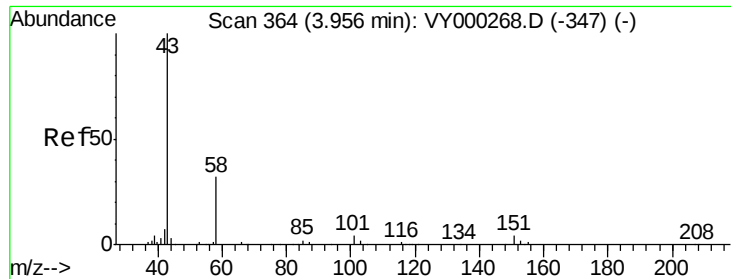
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#16

Acetone

Concen: 9.713 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

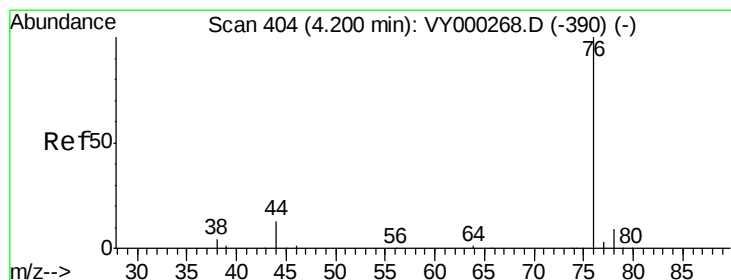
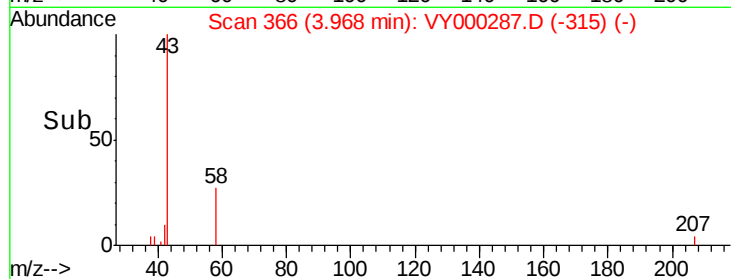
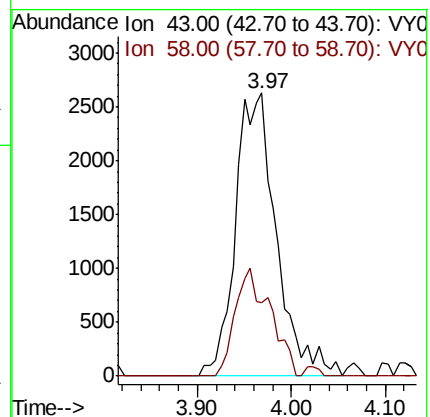
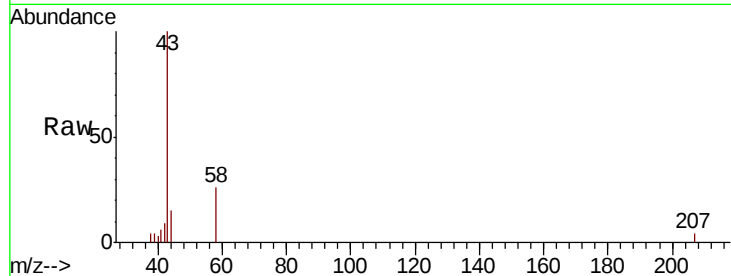
ClientSampleId :

Tot Ion: 43 Resp: 7970

Ion Ratio Lower Upper

43 100

58 25.9 25.8 38.6



#17

Carbon Disulfide

Concen: 2.233 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000287.D

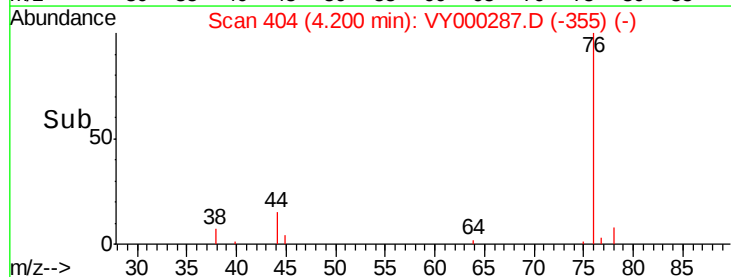
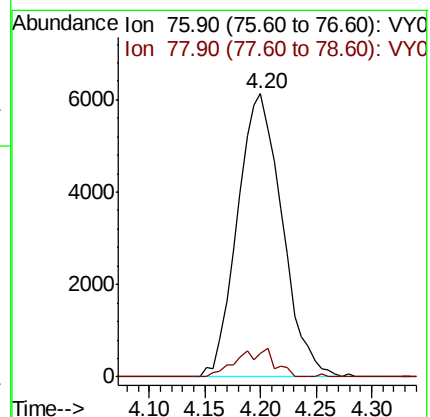
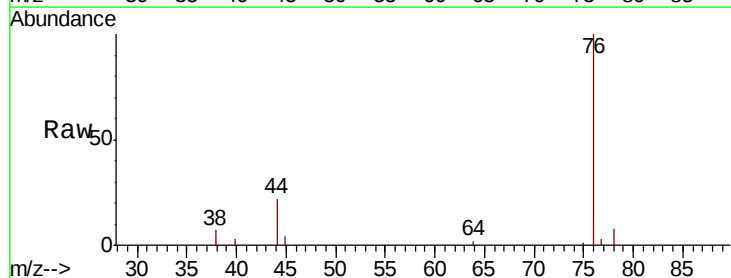
Acq: 11 Oct 2019 21:40

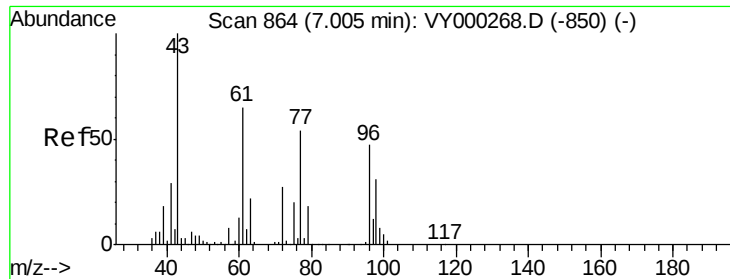
Tgt Ion: 76 Resp: 17059

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4

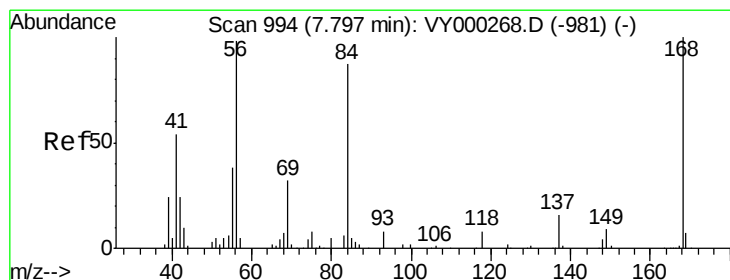
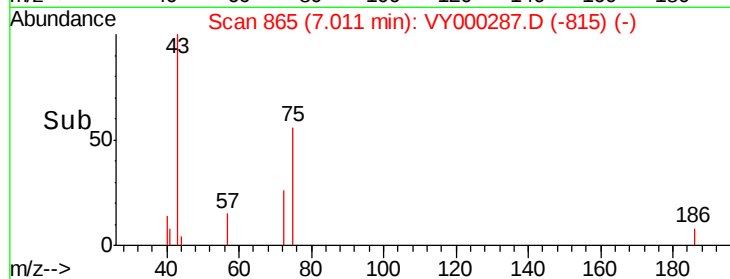
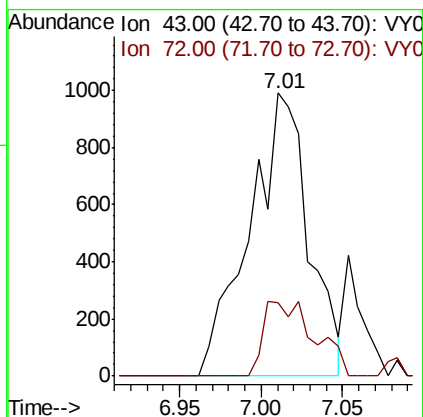
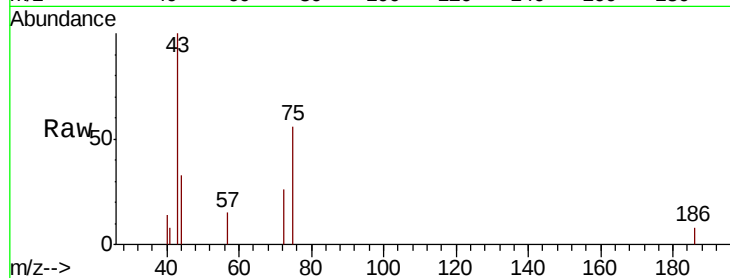




#25
2-Butanone
Concen: 2.165 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

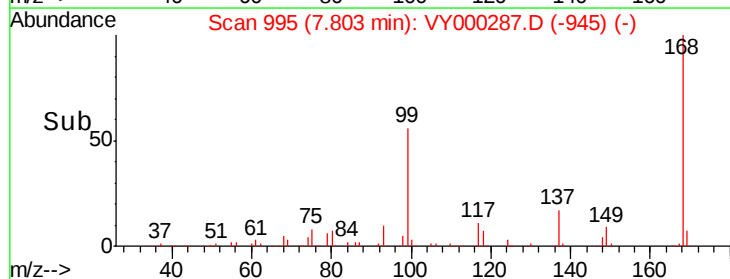
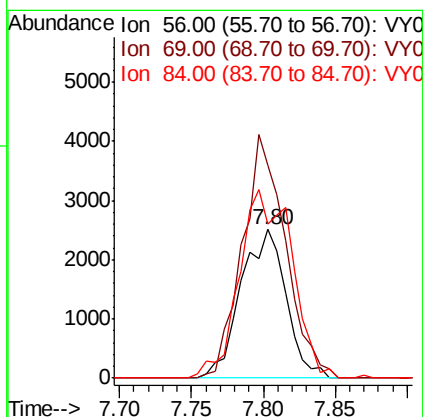
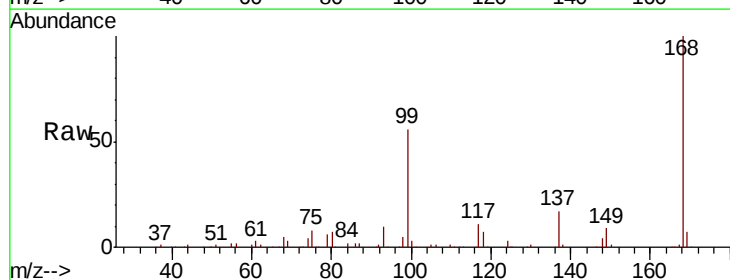
Instrument :
MSVOA_Y
ClientSampleId :

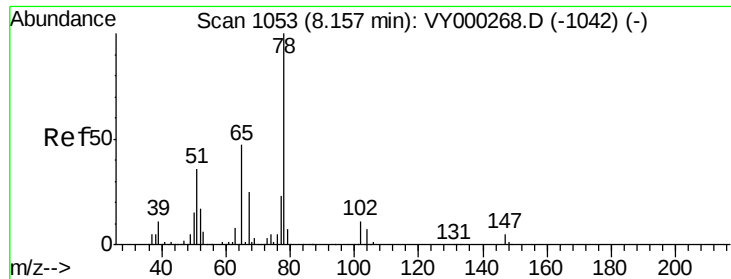
Tot Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

Tgt Ion: 56 Resp: 5461
Ion Ratio Lower Upper
56 100
69 143.2 26.3 39.5#
84 103.7 70.8 106.2

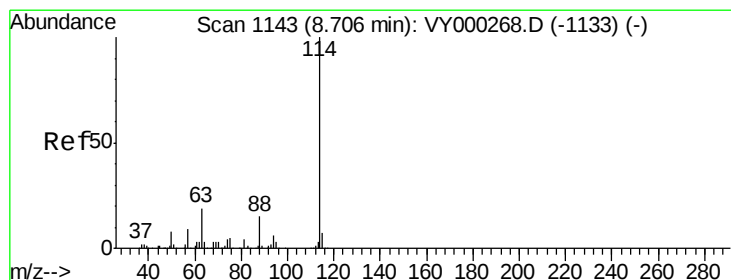
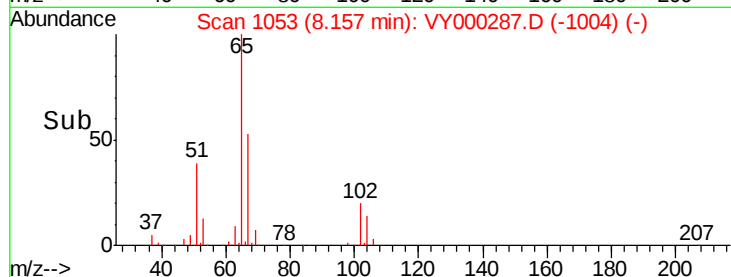
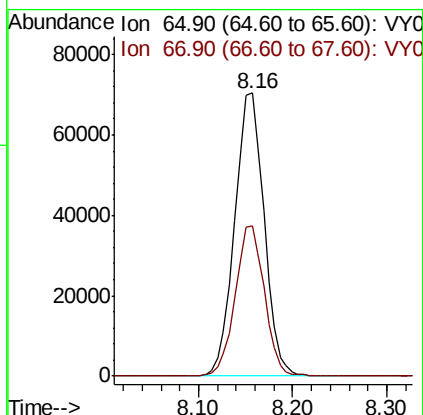
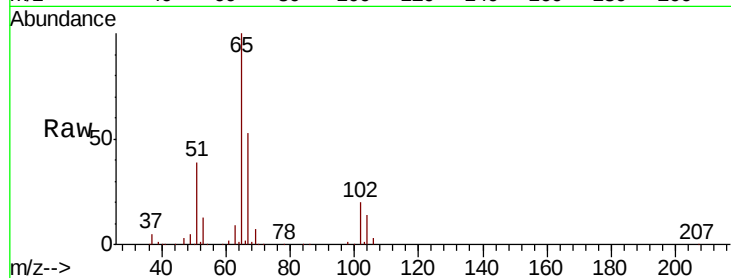




#33
 1,2-Dichloroethane-d4
 Concen: 60.694 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000287.D
 Acq: 11 Oct 2019 21:40

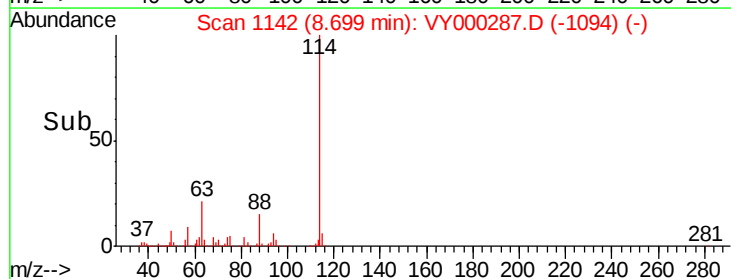
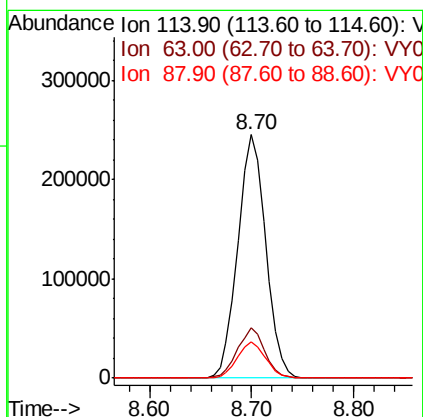
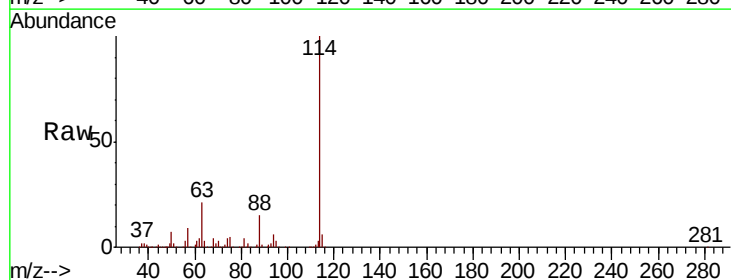
Instrument :
 MSVOA_Y
 ClientSampleId :

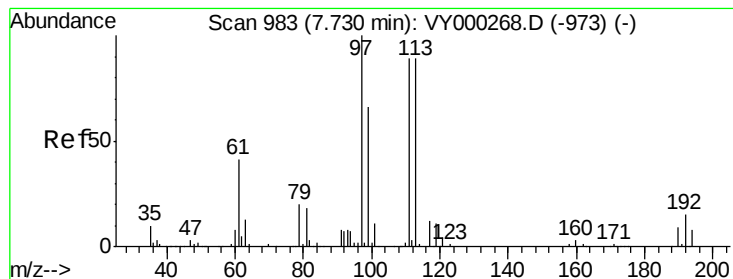
Tot Ion: 65 Resp: 153784
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000287.D
 Acq: 11 Oct 2019 21:40

Tgt Ion: 114 Resp: 465874
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.826 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

ClientSampleId :

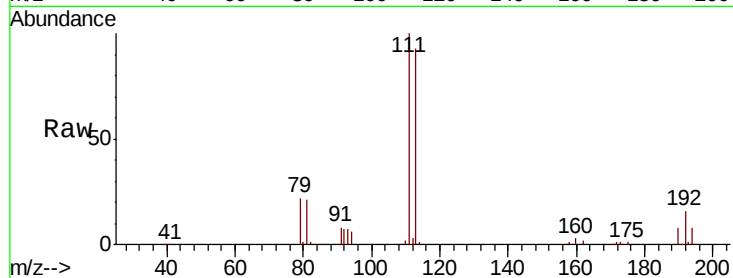
Tot Ion:113 Resp: 134401

Ion Ratio Lower Upper

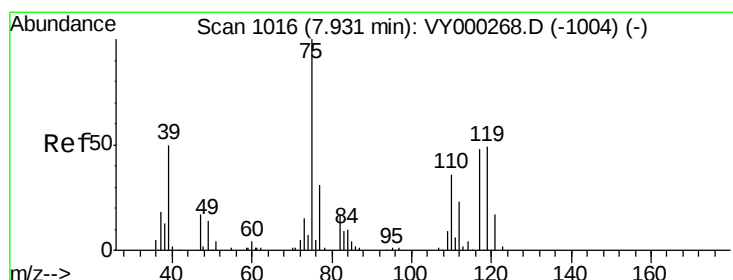
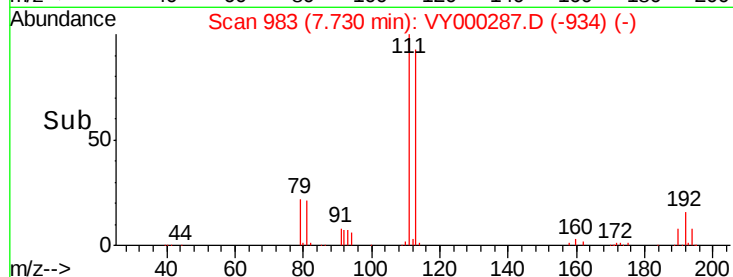
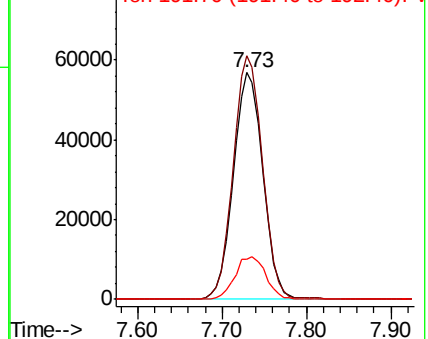
113 100

111 106.0 81.6 122.4

192 19.5 15.3 22.9



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: 4.210 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

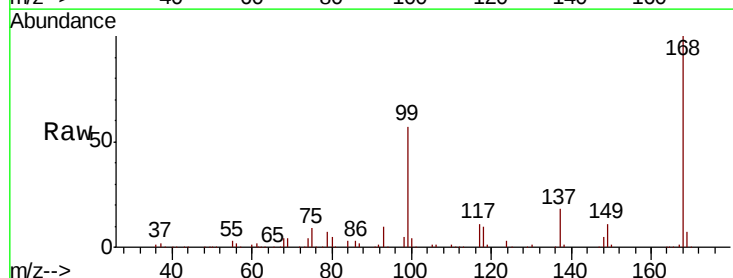
Tgt Ion: 75 Resp: 19204

Ion Ratio Lower Upper

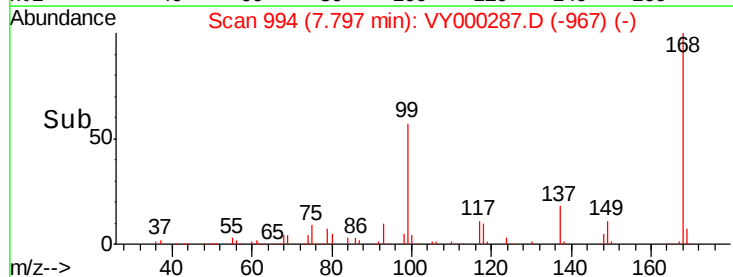
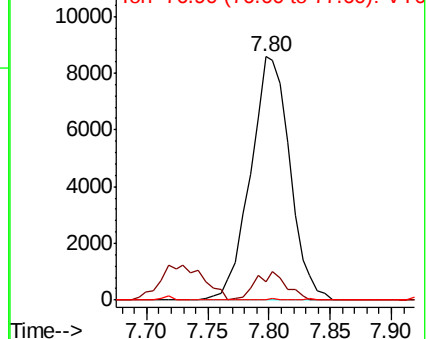
75 100

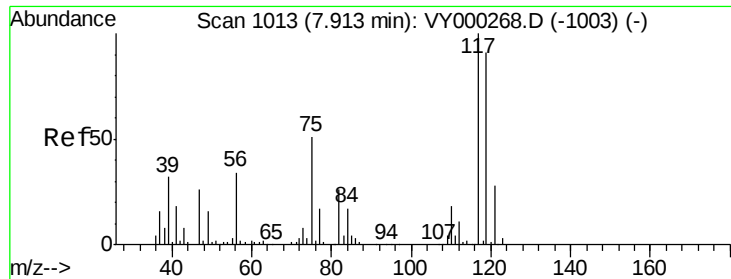
110 9.1 18.4 55.4#

77 0.1 25.0 37.6#



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: 5.509 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

ClientSampleId :

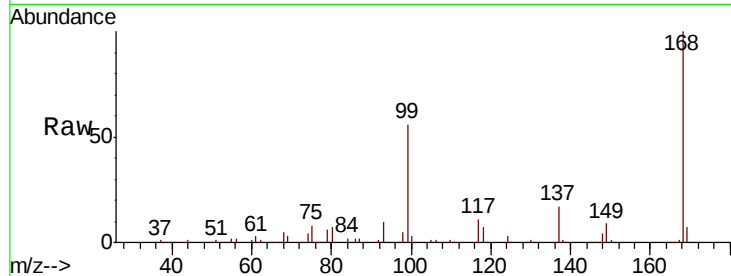
Tot Ion:117 Resp: 24329

Ion Ratio Lower Upper

117 100

119 3.9 72.8 109.2#

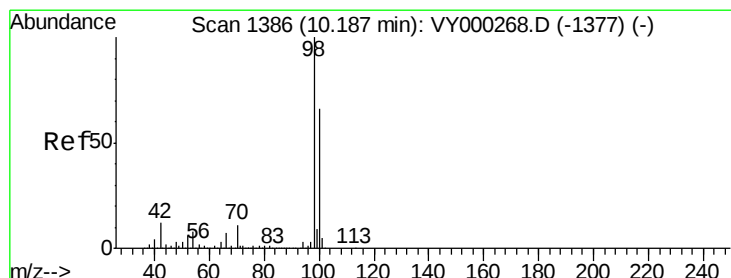
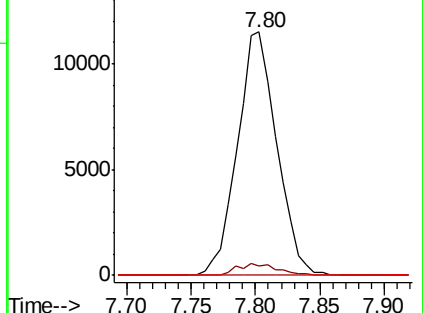
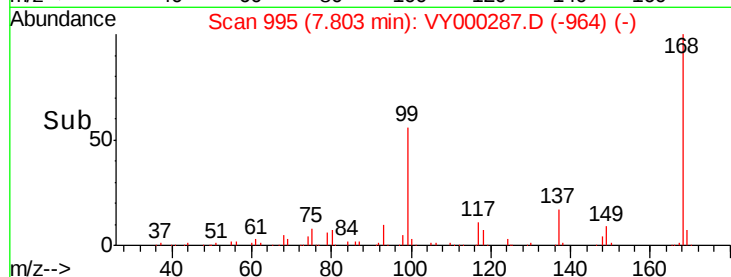
121 0.0 22.2 33.2#



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: 50.147 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000287.D

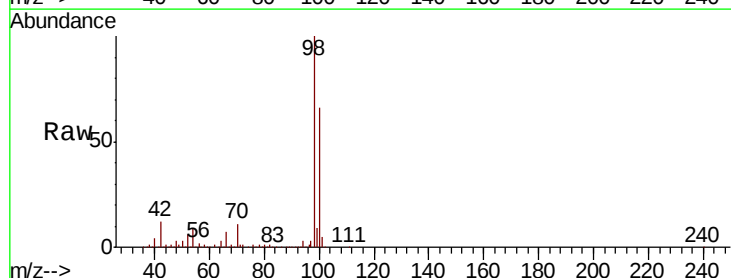
Acq: 11 Oct 2019 21:40

Tgt Ion: 98 Resp: 542092

Ion Ratio Lower Upper

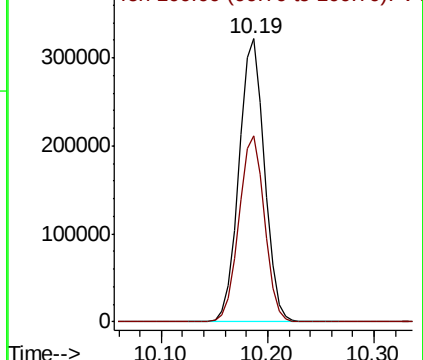
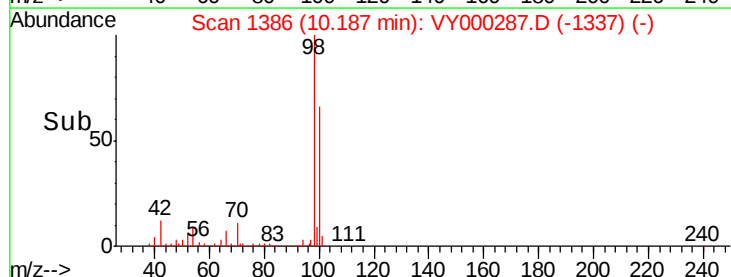
98 100

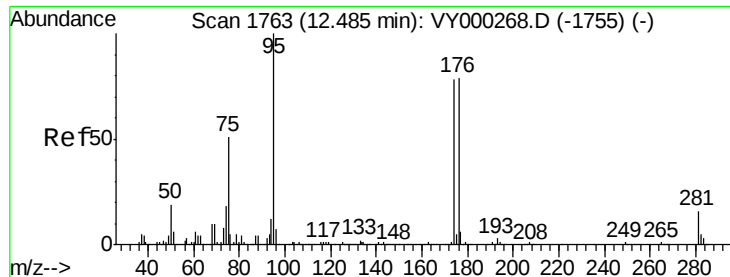
100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

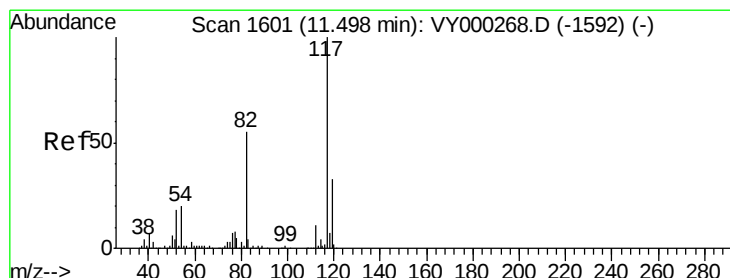
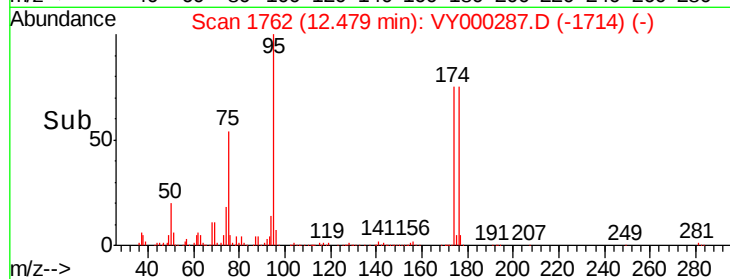
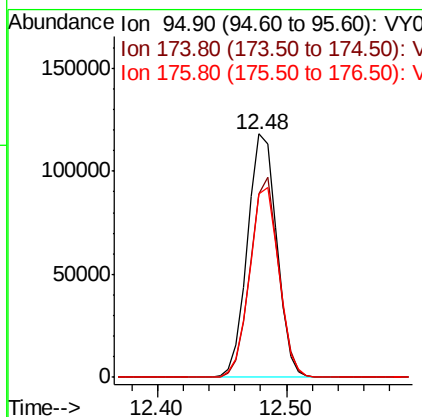
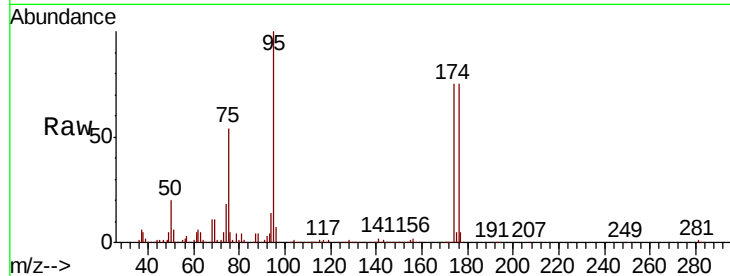




#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

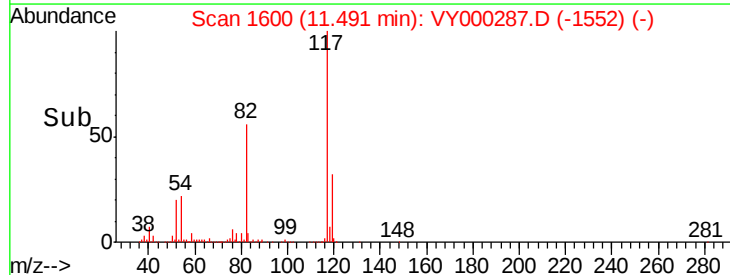
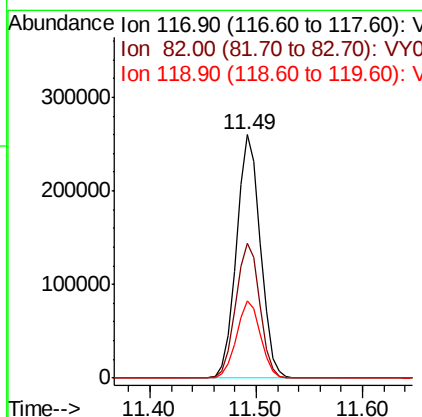
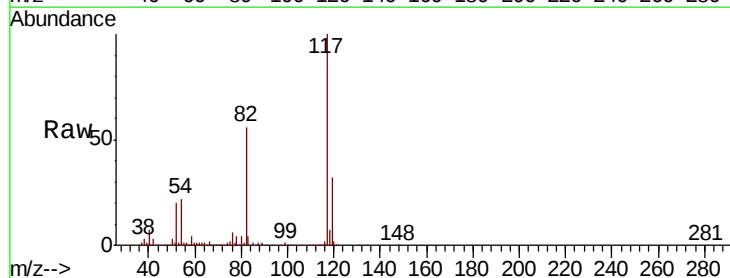
Instrument :
MSVOA_Y
ClientSampleId :

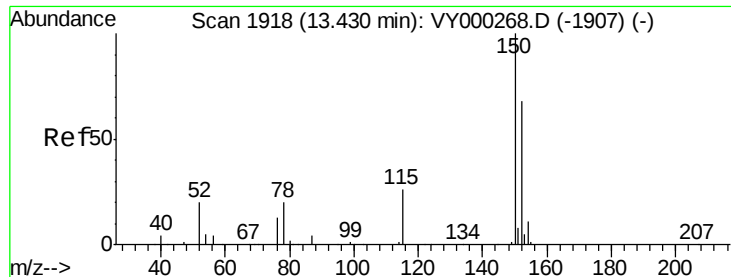
Tot Ion: 95 Resp: 184783
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.6
176 77.8 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

Tgt Ion: 117 Resp: 410026
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 31.7 26.6 39.8



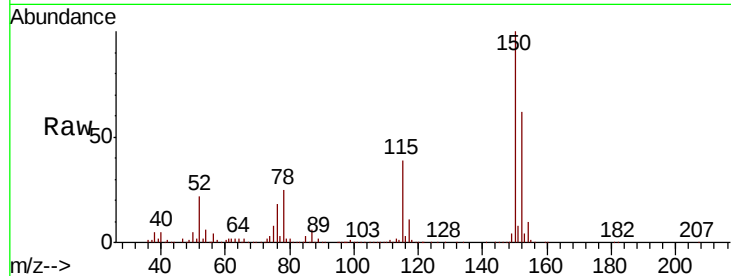


#72

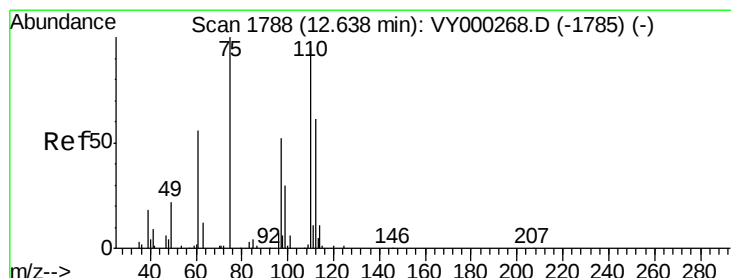
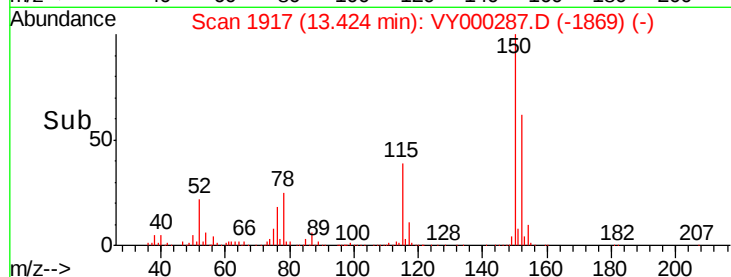
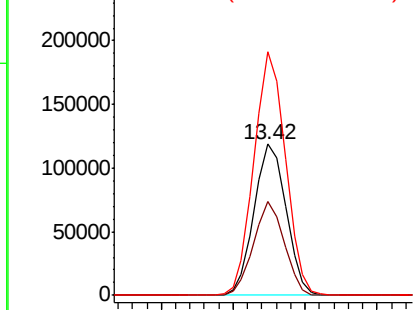
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	88.0
150	157.8	0.0	348.4



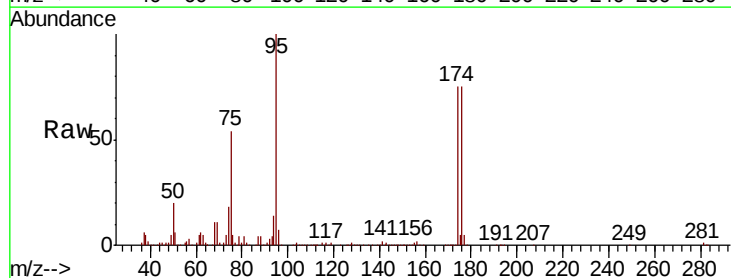
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



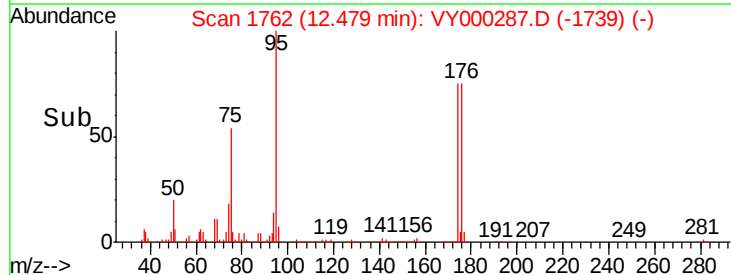
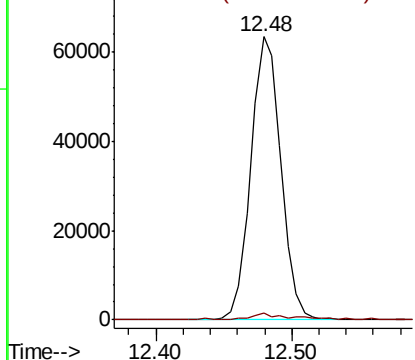
#76

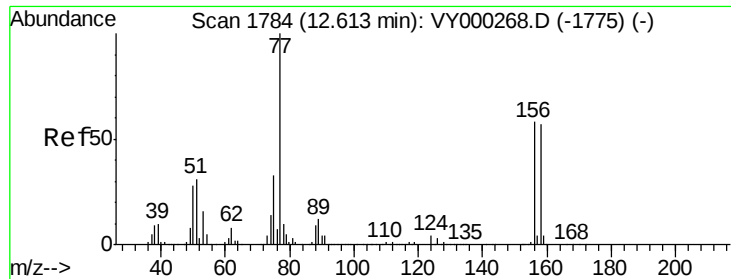
1,2,3-Trichloropropane
Concen: 43.608 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000287.D
Acq: 11 Oct 2019 21:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.7	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.885 ug/l

RT: 12.70 min Scan# 1799

Delta R.T. 0.09 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

ClientSampled :

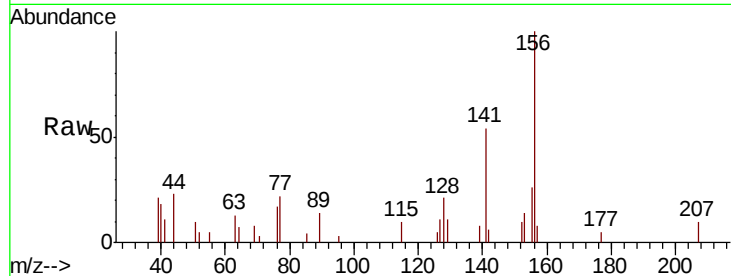
Tot Ion:156 Resp: 6002

Ion Ratio Lower Upper

156 100

77 8.5 101.0 302.9#

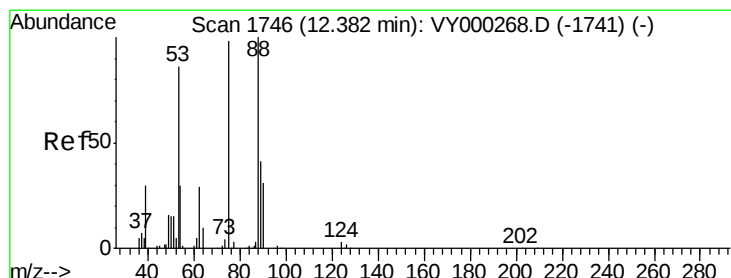
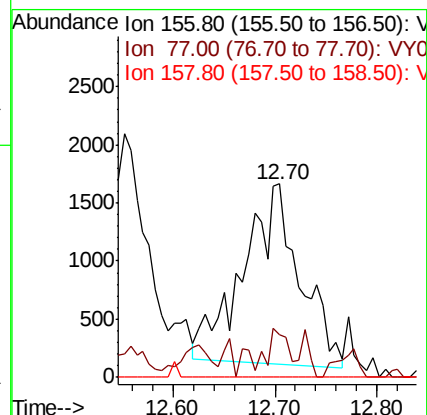
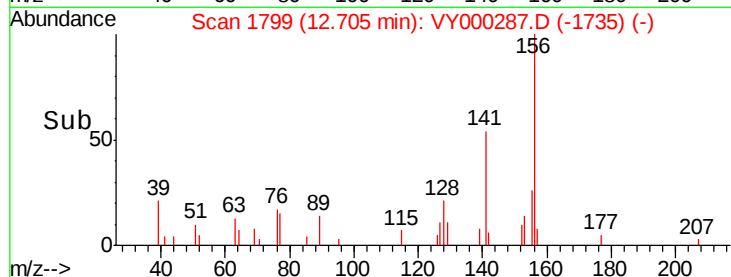
158 0.0 49.7 149.1#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 95.412 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

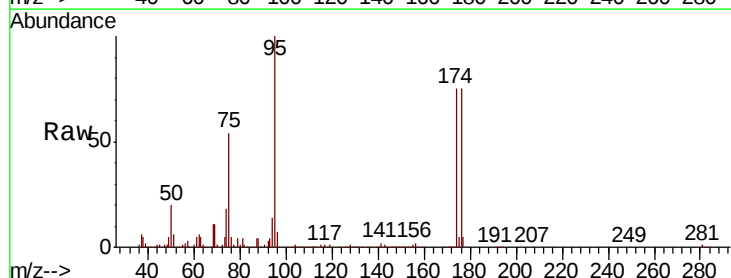
Tgt Ion: 75 Resp: 98424

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

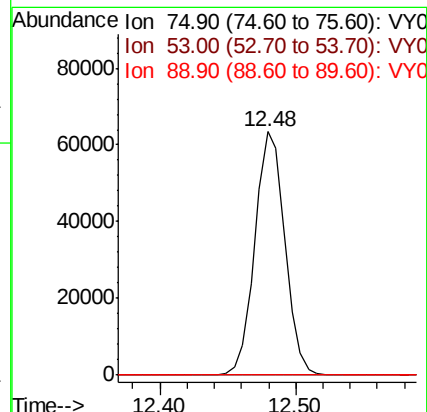
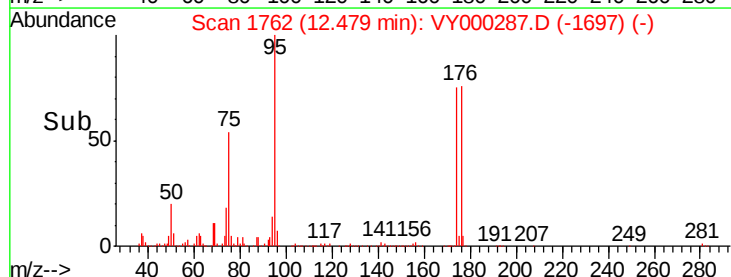
89 0.0 35.1 52.7#

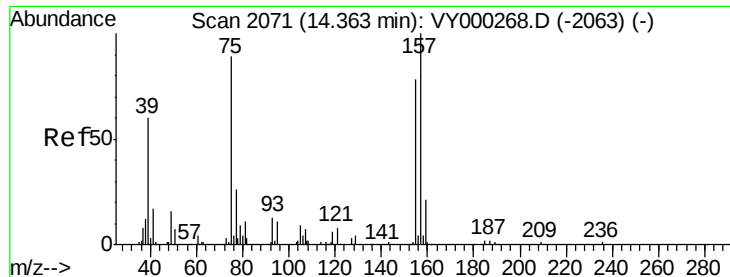


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.697 ug/l

RT: 14.52 min Scan# 2096

Delta R.T. 0.15 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

Instrument :

MSVOA_Y

ClientSampleId :

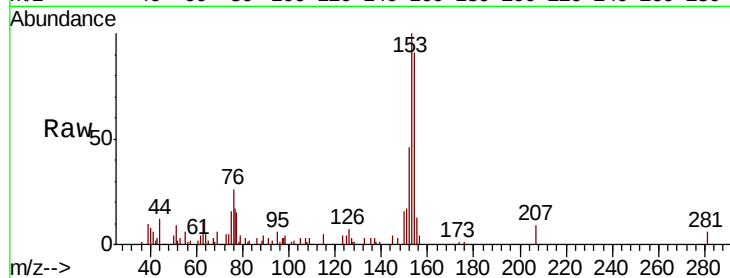
Tot Ion: 75 Resp: 865

Ion Ratio Lower Upper

75 100

155 227.7 45.8 137.3#

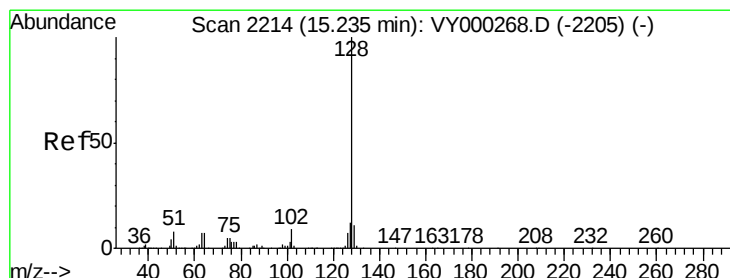
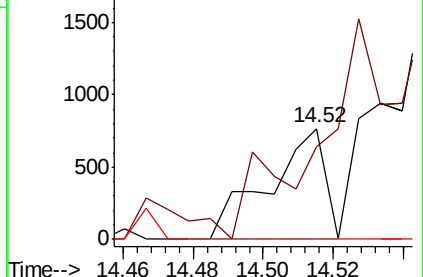
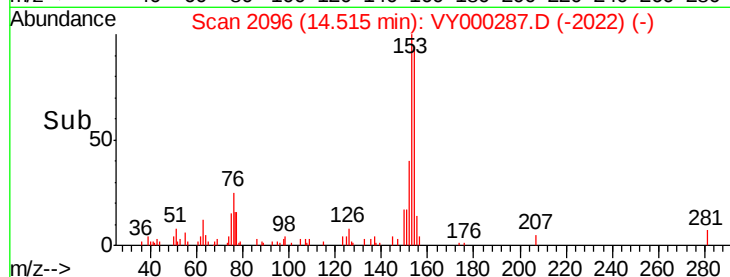
157 0.0 55.6 166.9#



Abundance Ion 74.90 (74.60 to 75.60): VY000287.D (-2022) (-)

Ion 154.80 (154.50 to 155.50): VY000287.D (-2022) (-)

Ion 156.80 (156.50 to 157.50): VY000287.D (-2022) (-)



#95

Naphthalene

Concen: 20.814 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000287.D

Acq: 11 Oct 2019 21:40

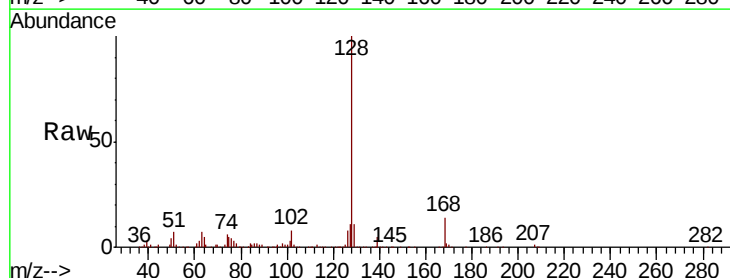
Tgt Ion: 128 Resp: 183644

Ion Ratio Lower Upper

128 100

127 11.9 9.6 14.4

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VY000287.D (-2165) (-)

Ion 127.00 (126.70 to 127.70): VY000287.D (-2165) (-)

Ion 129.00 (128.70 to 129.70): VY000287.D (-2165) (-)

