

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000302.D
 Acq On : 14 Oct 2019 16:22
 Operator : SY/MD
 Sample : K5325-07
 Misc : 4.56g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:16:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

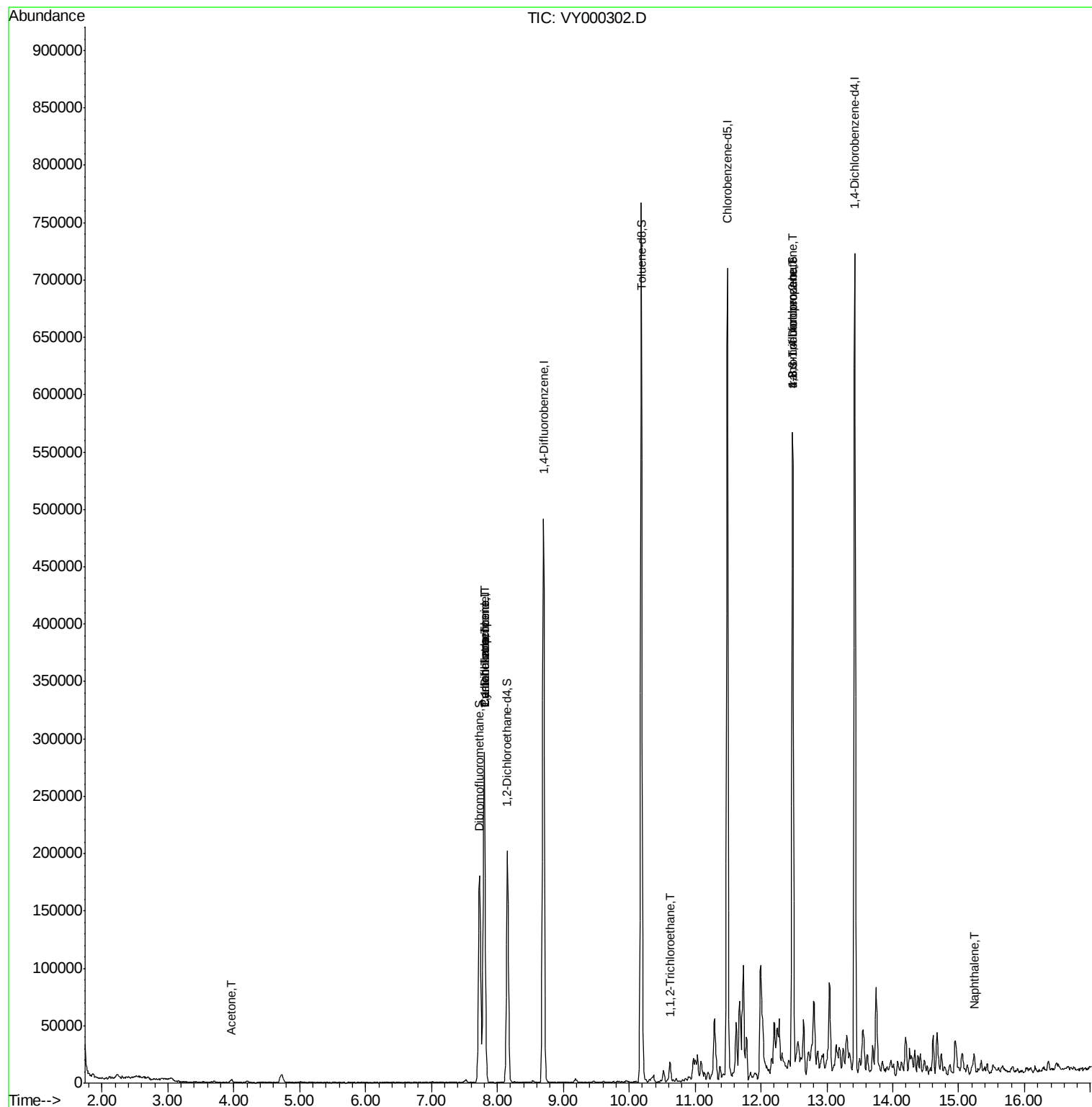
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	219526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150527	65.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.00%	
35) Dibromofluoromethane	7.73	113	126168	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.19	98	493411	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.48	95	171566	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	4434	5.913	ug/l #	80
20) Methylene Chloride	4.71	84	2323	Below Cal		90
31) Cyclohexane	7.80	56	4950	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17373	4.290	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21260	5.422	ug/l #	18
55) 1,1,2-Trichloroethane	10.62	97	7401	3.170	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	89791	42.760	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	89791	93.557	ug/l #	15
95) Naphthalene	15.23	128	9110	1.110	ug/l	96

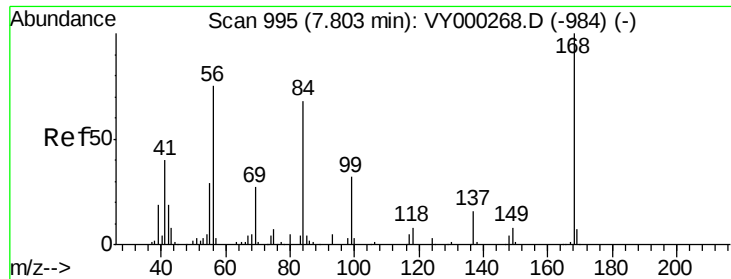
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 15 01:16:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 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: VY000302.D

Acq: 14 Oct 2019 16:22

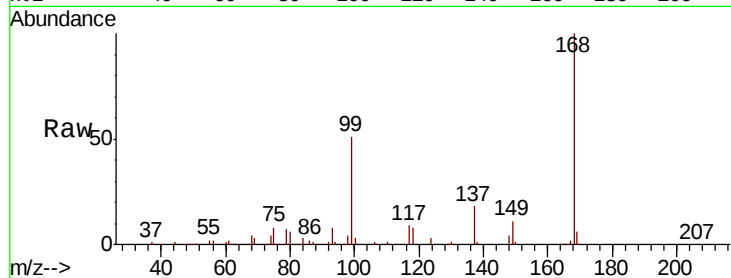
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 219526

Ion Ratio Lower Upper

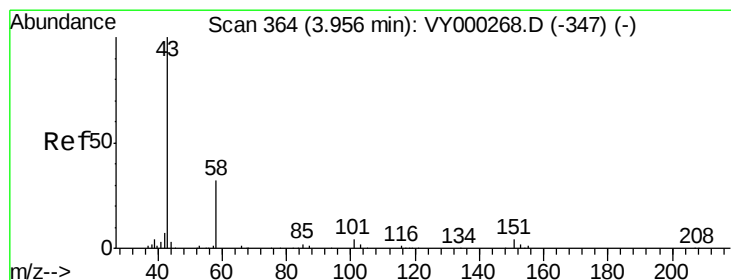
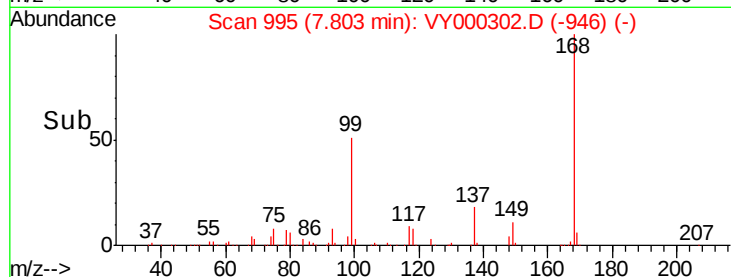
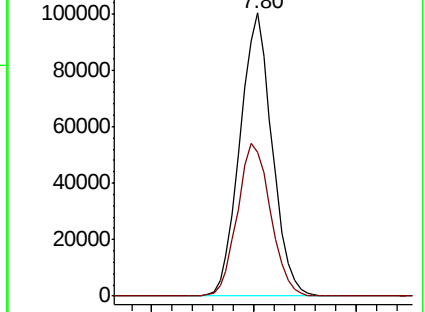
168 100

99 51.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000302.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000302.D (-946) (-)



#16

Acetone

Concen: 5.913 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000302.D

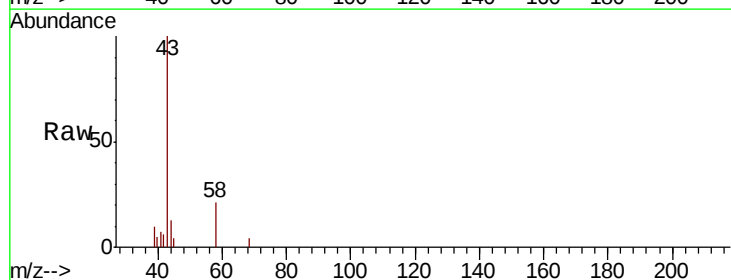
Acq: 14 Oct 2019 16:22

Tgt Ion: 43 Resp: 4434

Ion Ratio Lower Upper

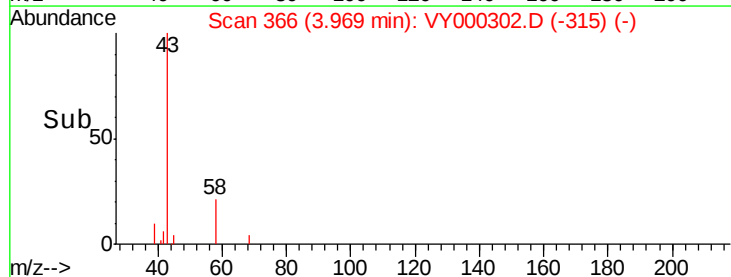
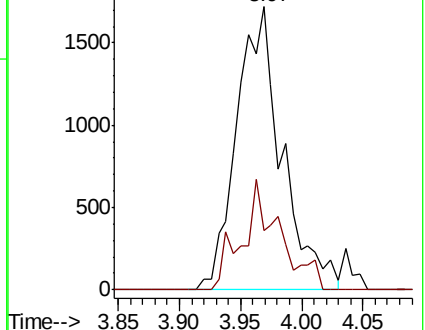
43 100

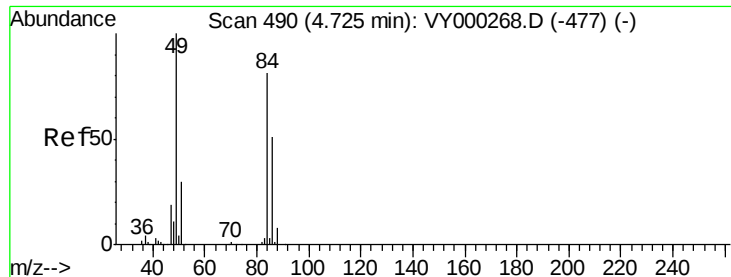
58 20.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000302.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000302.D (-315) (-)

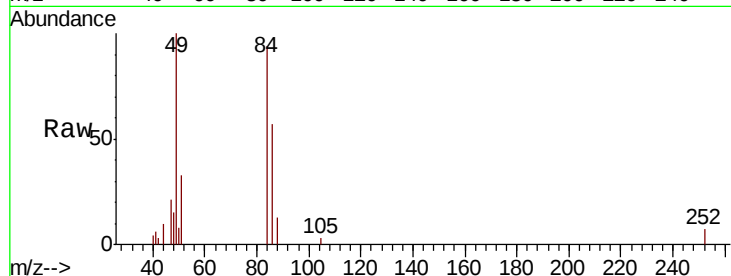




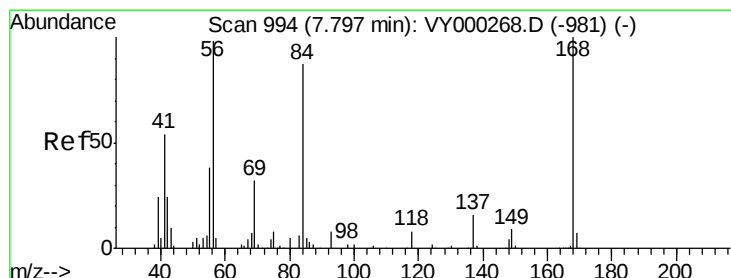
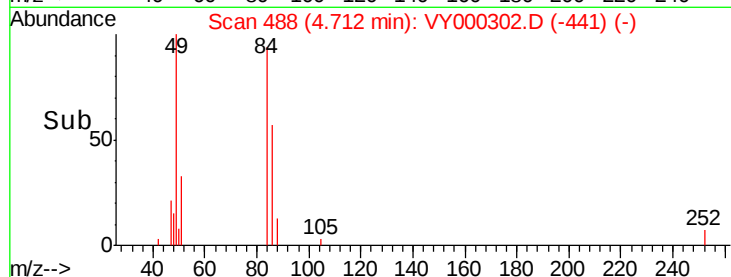
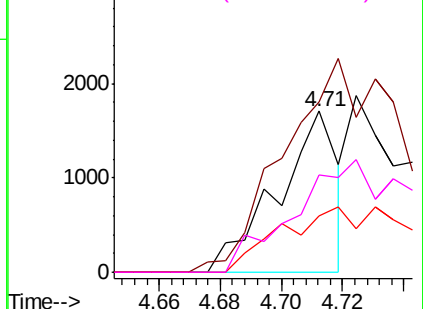
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 2323
Ion Ratio Lower Upper
84 100
49 105.9 99.0 148.4
51 35.2 29.3 43.9
86 60.5 50.2 75.4

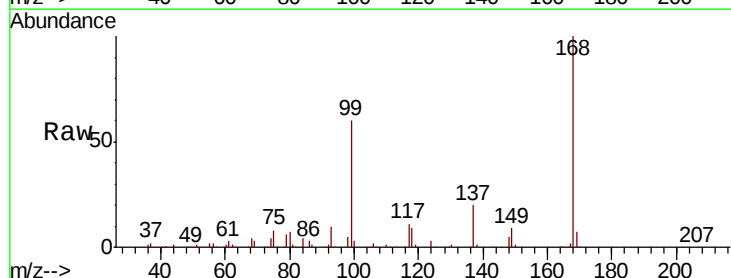


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

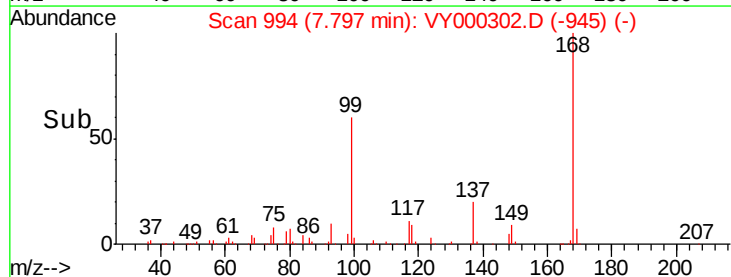
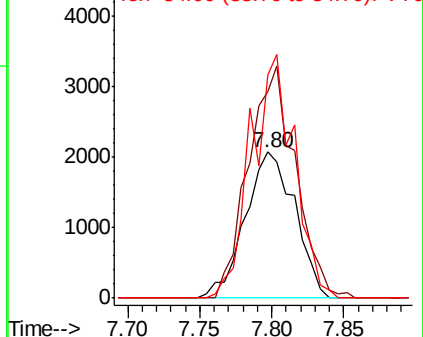


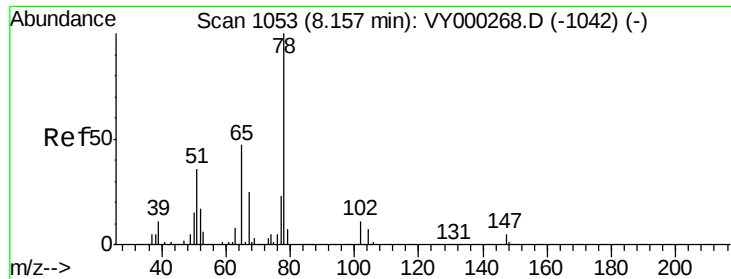
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Tgt Ion: 56 Resp: 4950
Ion Ratio Lower Upper
56 100
69 141.4 26.3 39.5#
84 153.2 70.8 106.2#



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

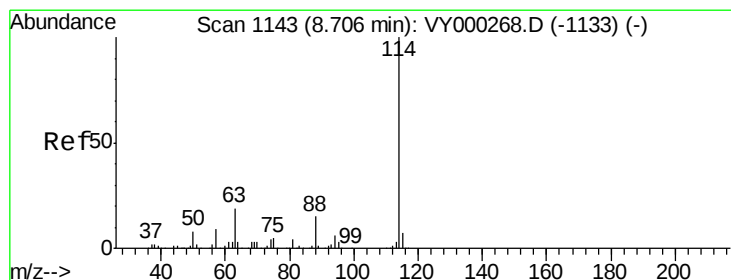
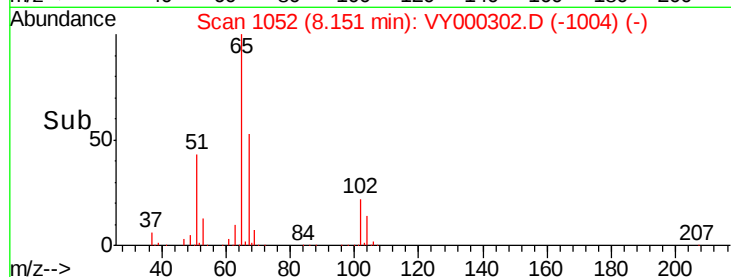
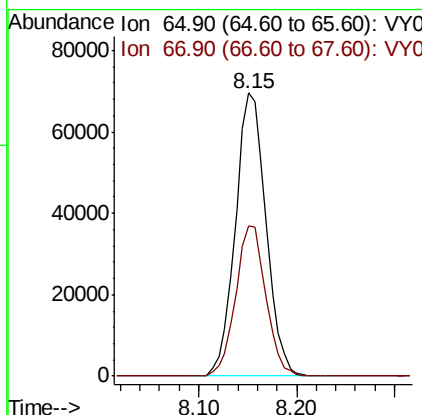
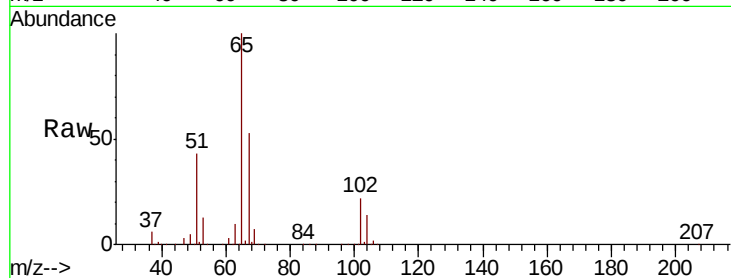




#33
 1,2-Dichloroethane-d4
 Concen: 65.004 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000302.D
 Acq: 14 Oct 2019 16:22

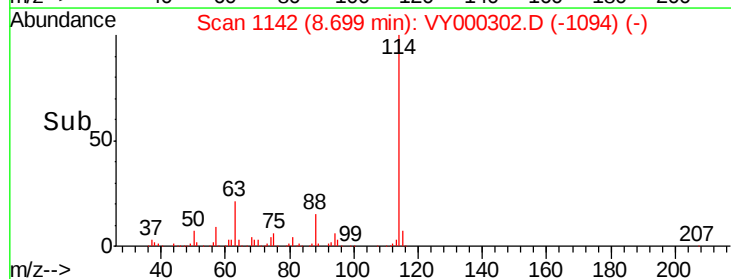
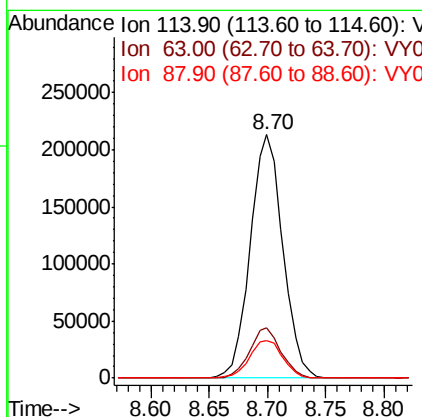
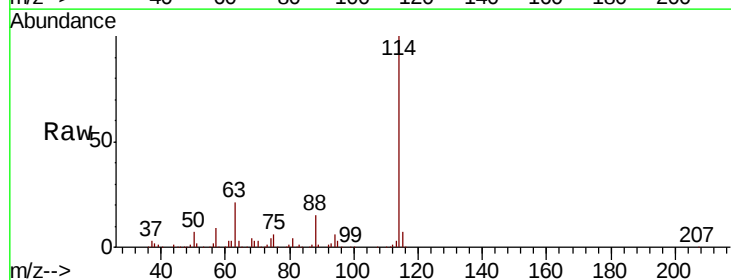
Instrument :
 MSVOA_Y
 ClientSampleId :

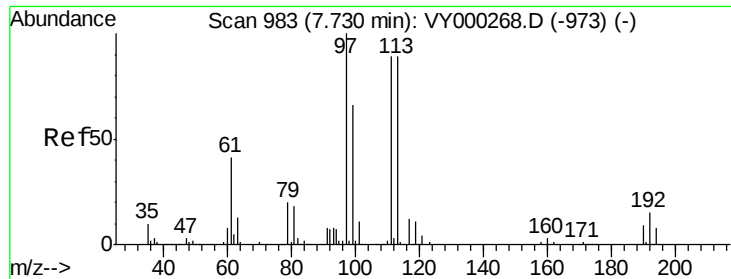
Tot Ion: 65 Resp: 150527
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000302.D
 Acq: 14 Oct 2019 16:22

Tgt Ion: 114 Resp: 413655
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.2
 88 15.4 0.0 30.2

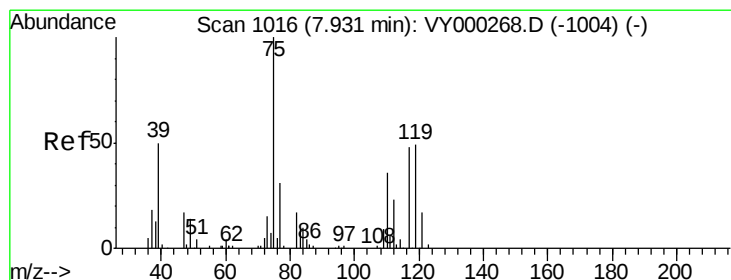
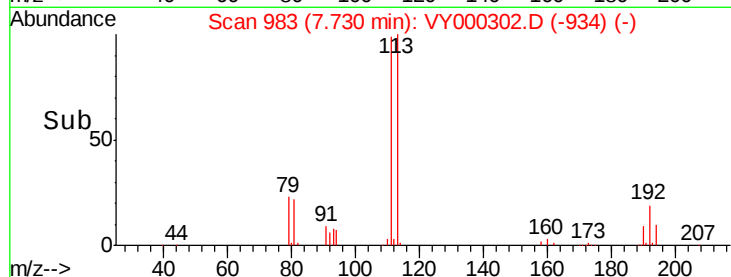
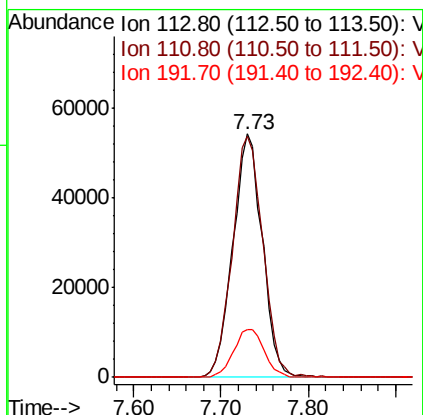
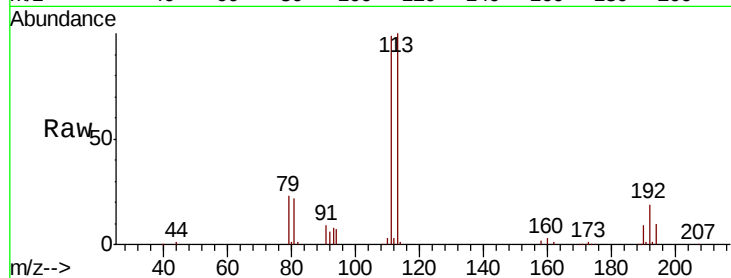




#35
 Dibromofluoromethane
 Concen: 50.564 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000302.D
 Acq: 14 Oct 2019 16:22

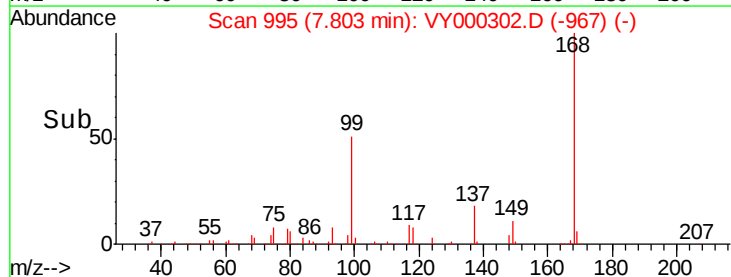
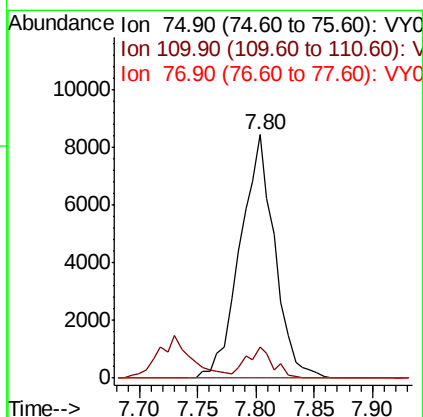
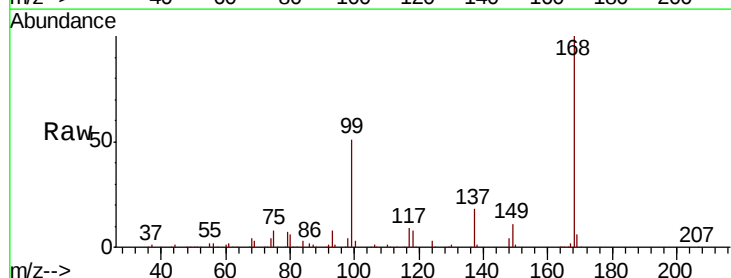
Instrument :
 MSVOA_Y
 ClientSampleId :

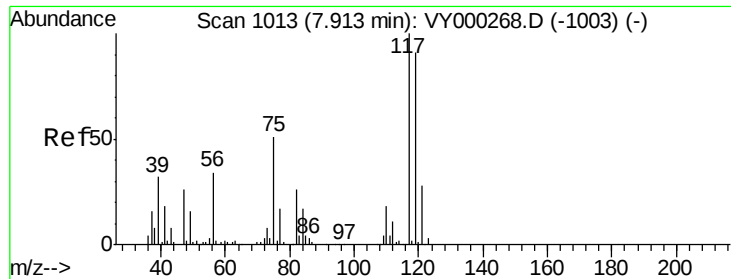
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.5	15.3	22.9



#36
 1,1-Dichloropropene
 Concen: 4.290 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000302.D
 Acq: 14 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.4	55.4#
77	0.0	25.0	37.6#

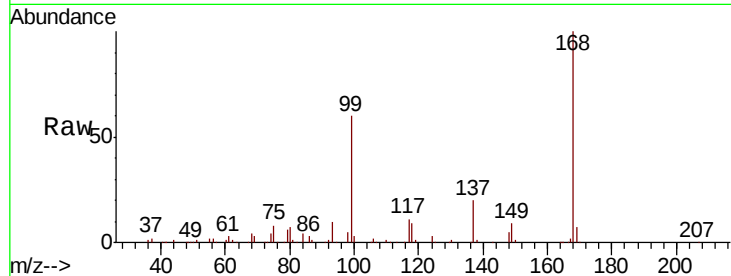




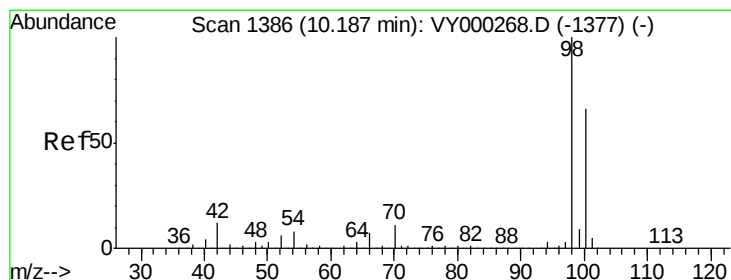
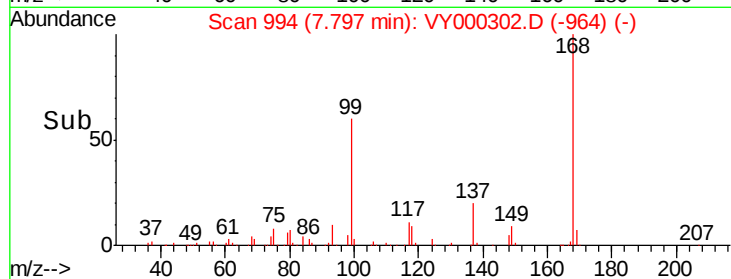
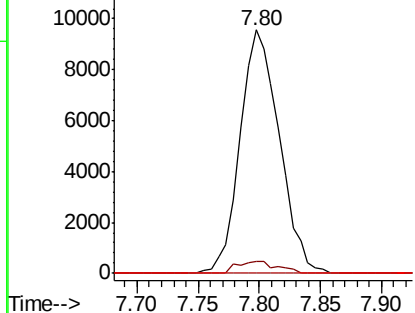
#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 21260
Ion Ratio Lower Upper
117 100
119 5.0 72.8 109.2#
121 0.0 22.2 33.2#

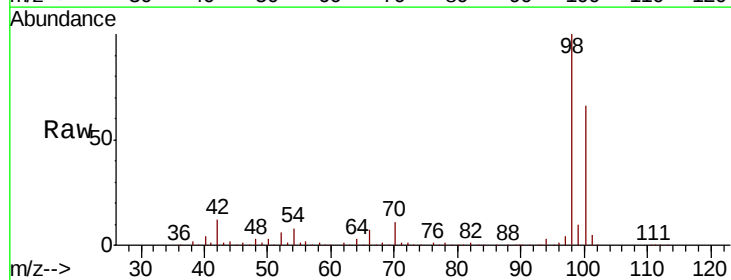


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

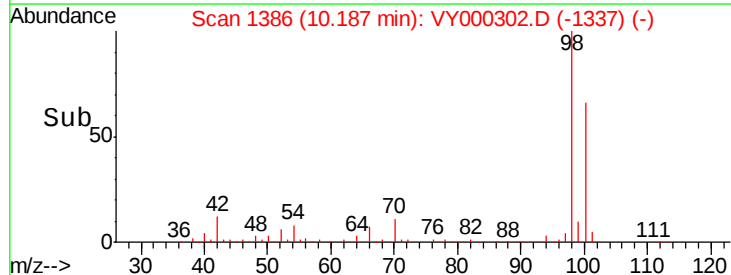
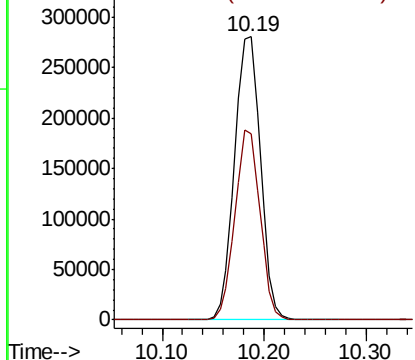


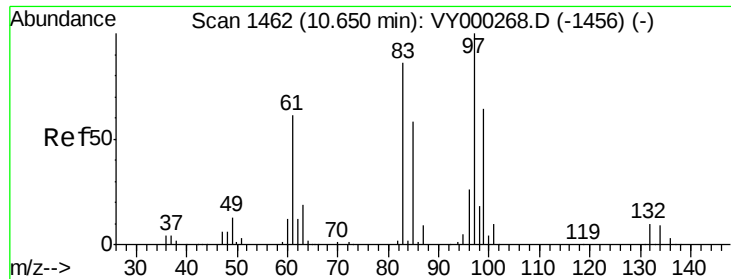
#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Tgt Ion: 98 Resp: 493411
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#55

1,1,2-Trichloroethane

Concen: 3.170 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.03 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 7401

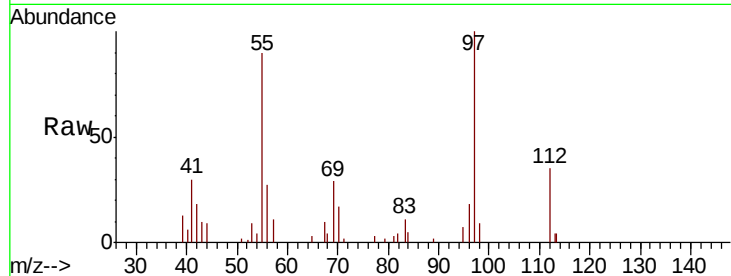
Ion Ratio Lower Upper

97 100

83 10.5 69.0 103.6#

85 0.0 46.2 69.4#

99 0.0 51.1 76.7#

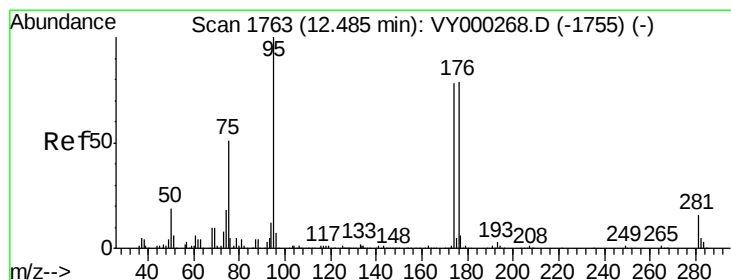
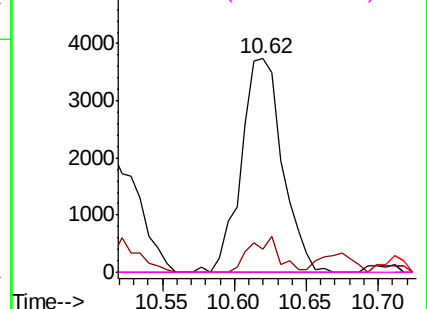
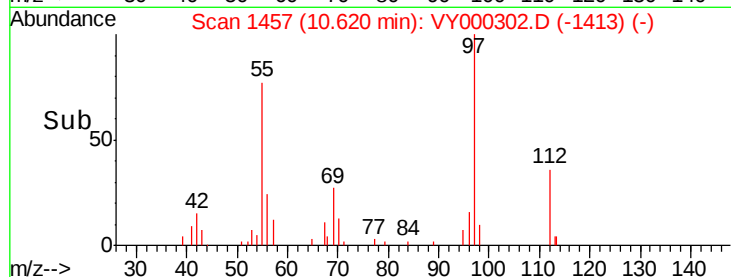


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#62

4-Bromofluorobenzene

Concen: 47.049 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

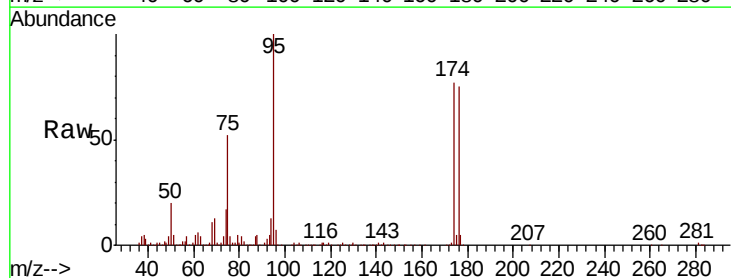
Tgt Ion: 95 Resp: 171566

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

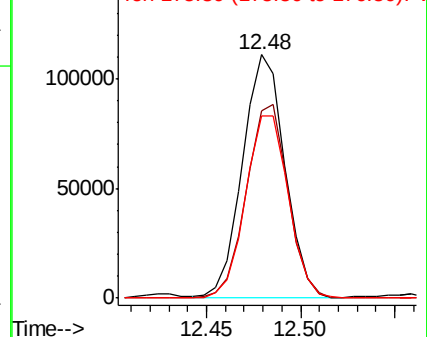
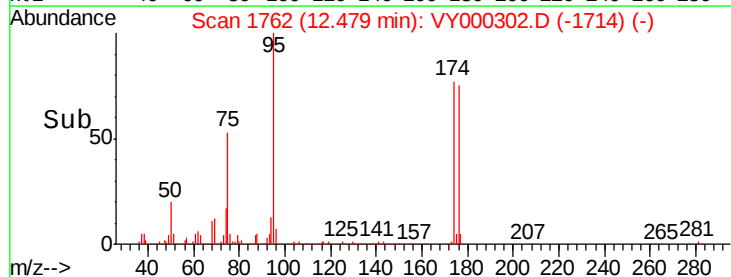
176 76.6 0.0 153.8

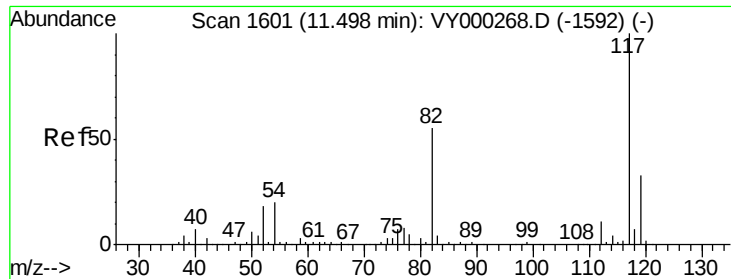


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

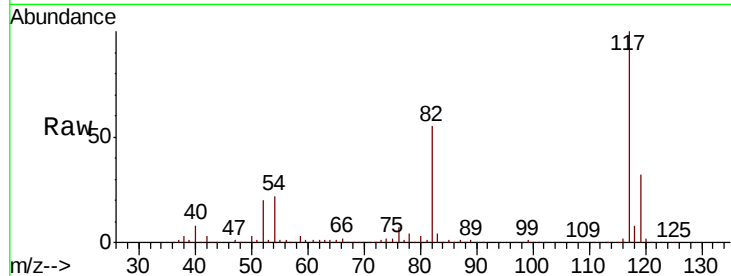




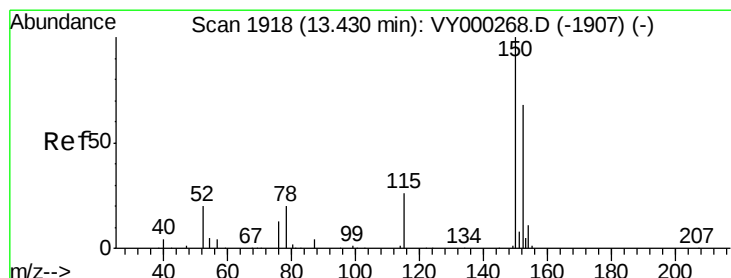
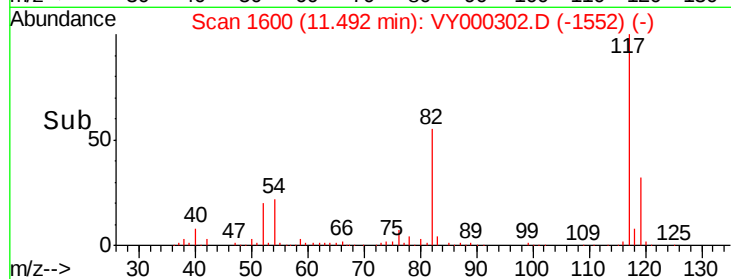
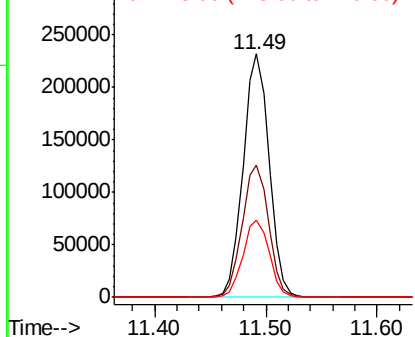
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 376782
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 31.5 26.6 39.8

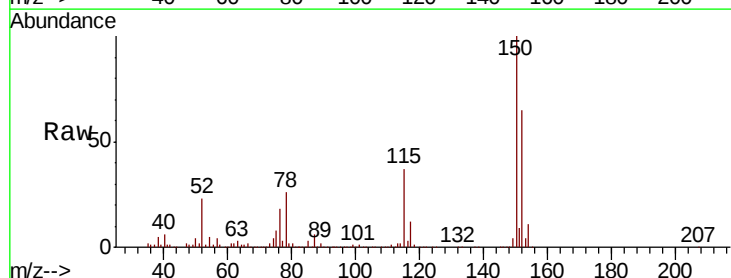


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

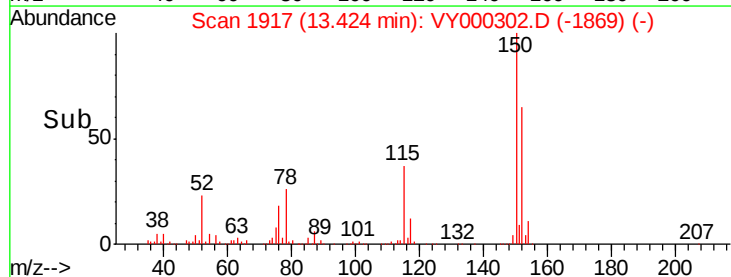
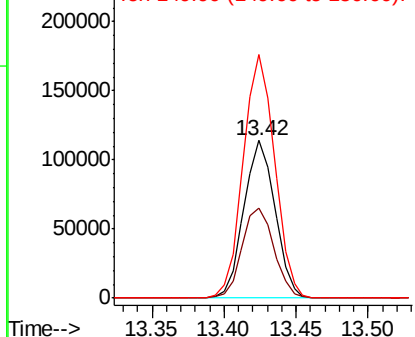


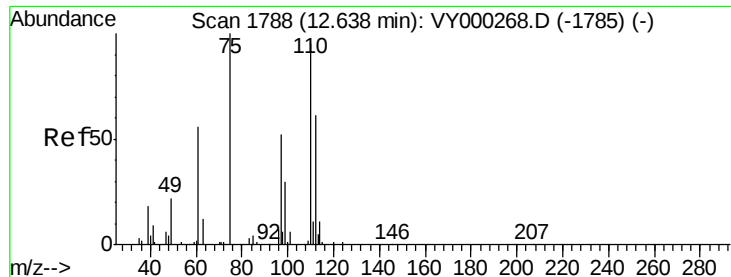
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000302.D
Acq: 14 Oct 2019 16:22

Tgt Ion:152 Resp: 170770
Ion Ratio Lower Upper
152 100
115 58.9 29.3 88.0
150 156.4 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: 42.760 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

Instrument :

MSVOA_Y

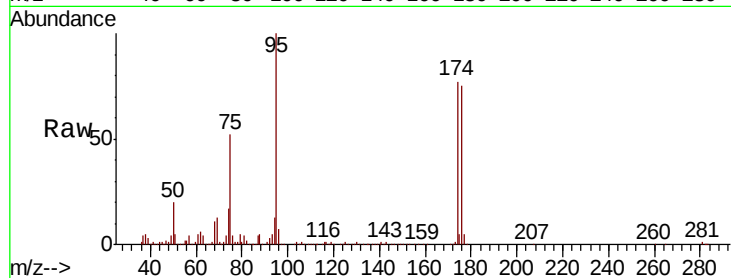
ClientSampleId :

Tot Ion: 75 Resp: 89791

Ion Ratio Lower Upper

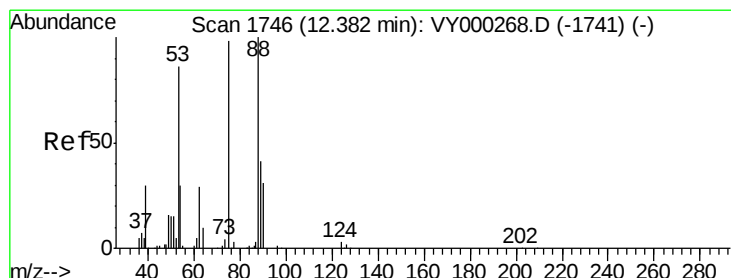
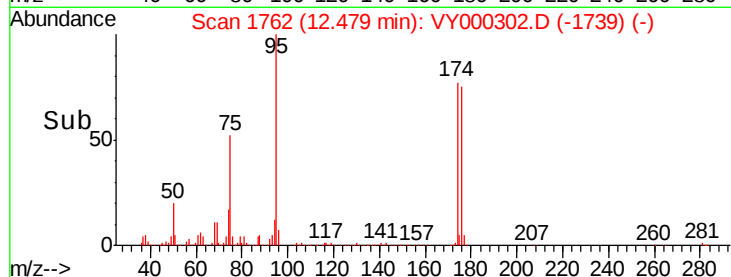
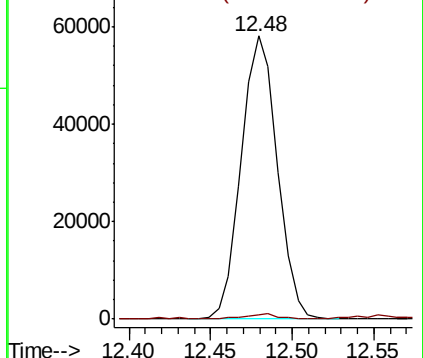
75 100

77 1.9 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: 93.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000302.D

Acq: 14 Oct 2019 16:22

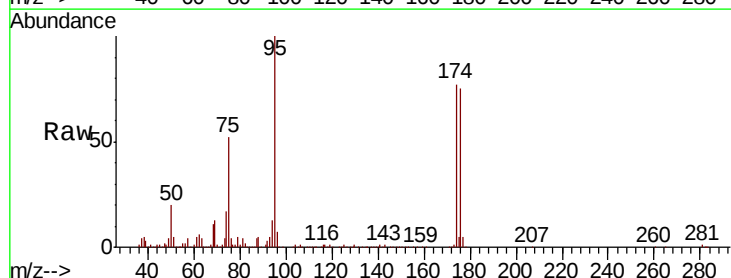
Tgt Ion: 75 Resp: 89791

Ion Ratio Lower Upper

75 100

53 0.9 71.3 106.9#

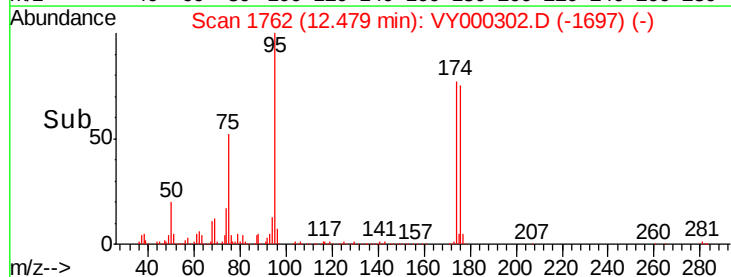
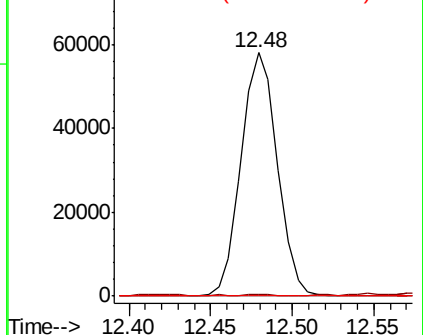
89 0.1 35.1 52.7#

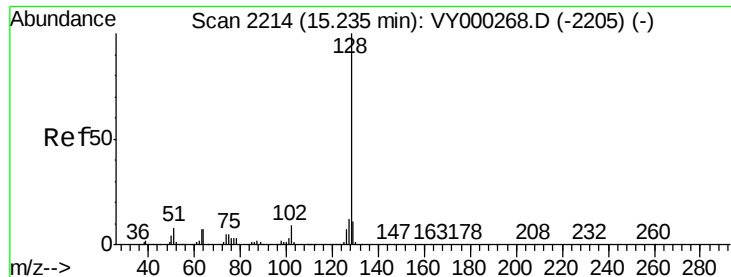


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

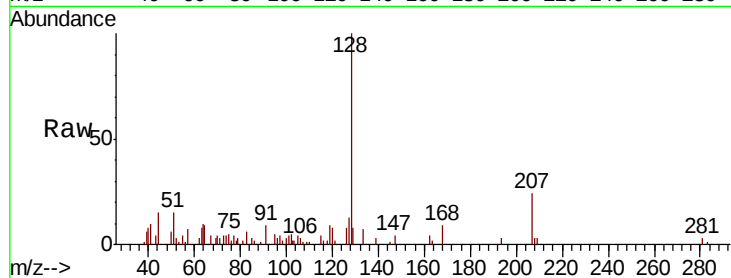




#95
 Naphthalene
 Concen: 1.110 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY000302.D
 Acq: 14 Oct 2019 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.6	14.4
129	12.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

