

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000435.D
 Acq On : 25 Oct 2019 17:38
 Operator : SY/MD
 Sample : K5539-18
 Misc : 7.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

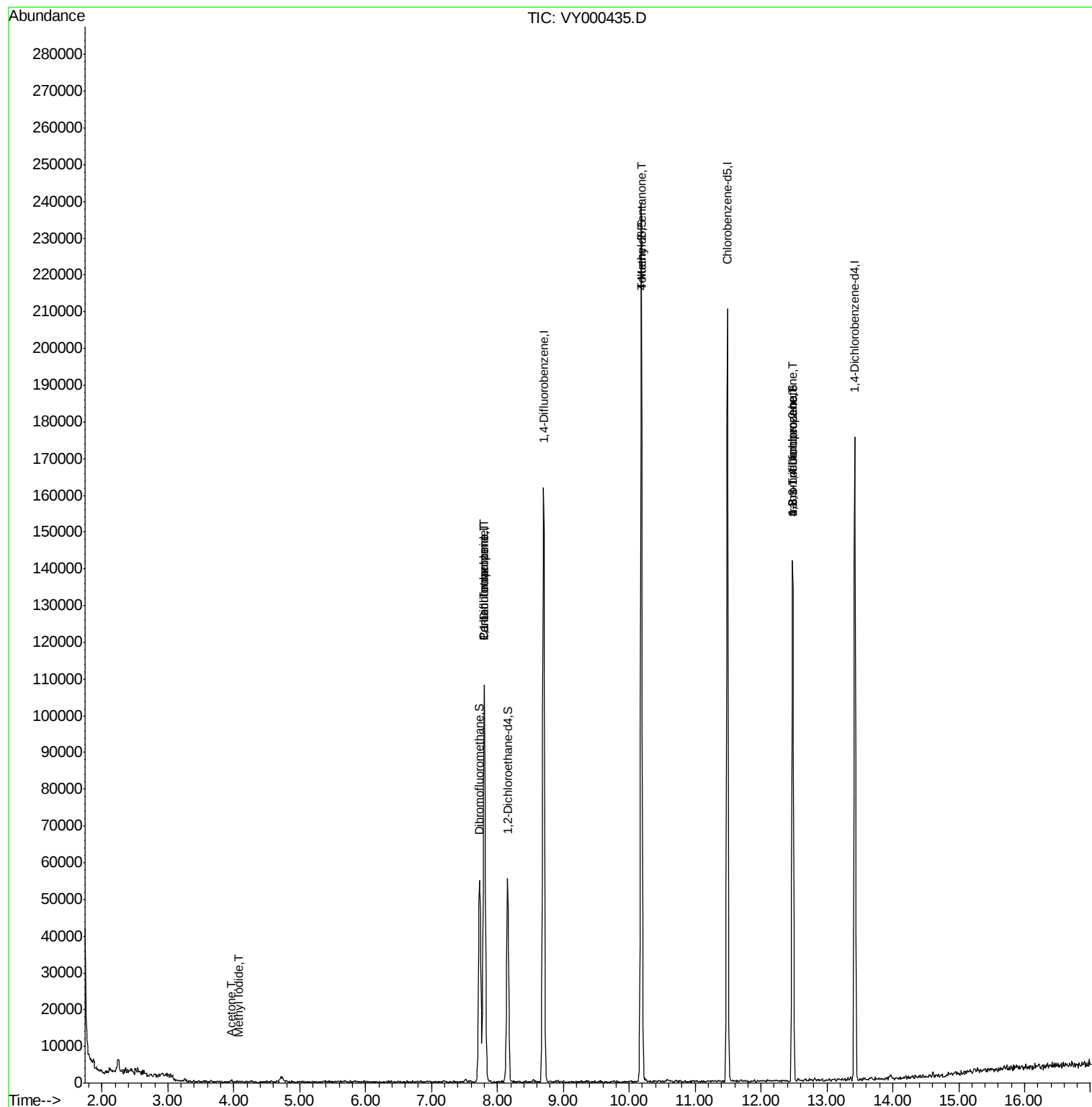
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	85332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	134252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	107604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	43718	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.73	113	38863	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	10.19	98	155714	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.48	95	42245	35.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.40%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.07	142	40	1.217	ug/l #	41
16) Acetone	3.96	43	639	2.192	ug/l #	42
20) Methylene Chloride	4.73	84	639	Below Cal	#	68
36) 1,1-Dichloropropene	7.80	75	6896	5.246	ug/l #	49
38) Carbon Tetrachloride	7.80	117	8763	6.886	ug/l #	19
51) 4-Methyl-2-Pentanone	10.17	43	791	1.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	22415	43.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	22415	95.823	ug/l #	14

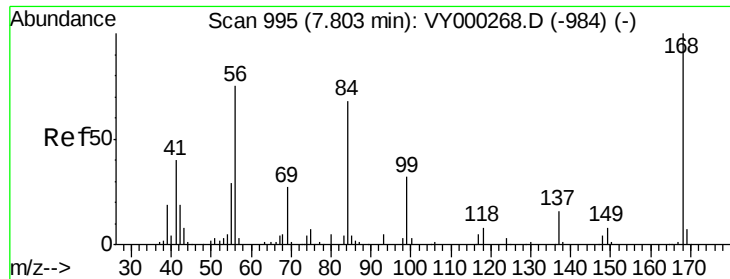
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000435.D
Acq On : 25 Oct 2019 17:38
Operator : SY/MD
Sample : K5539-18
Misc : 7.41G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:46:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 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: VY000435.D

Acq: 25 Oct 2019 17:38

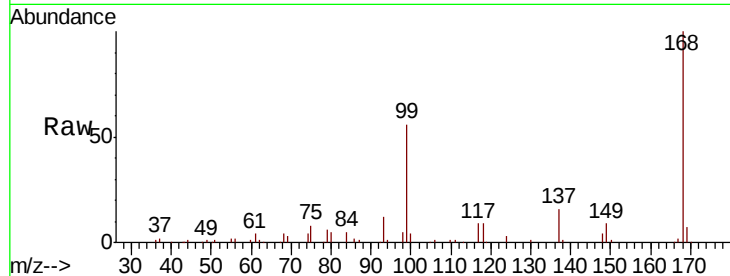
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 85332

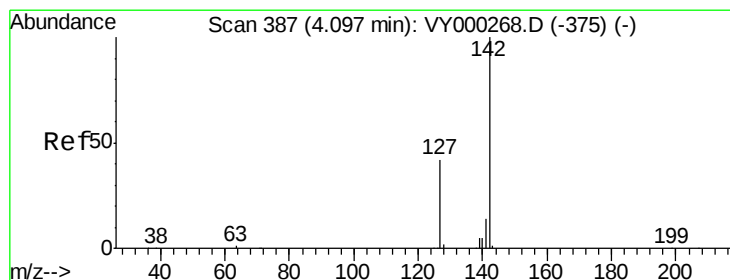
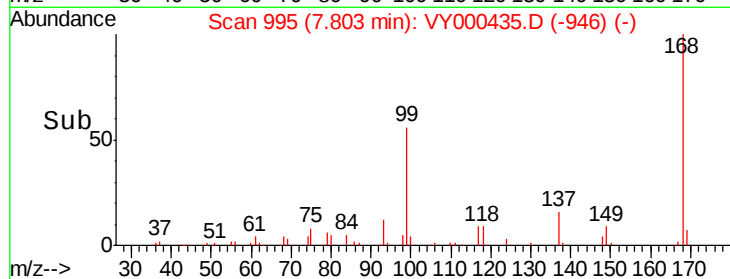
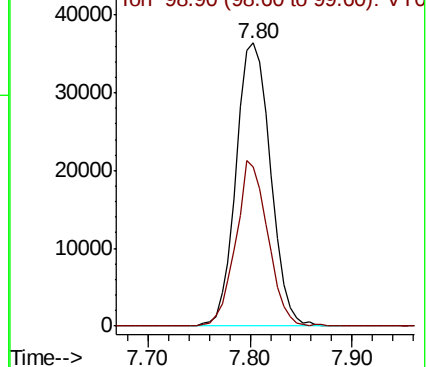
Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 1.217 ug/l

RT: 4.07 min Scan# 383

Delta R.T. -0.02 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

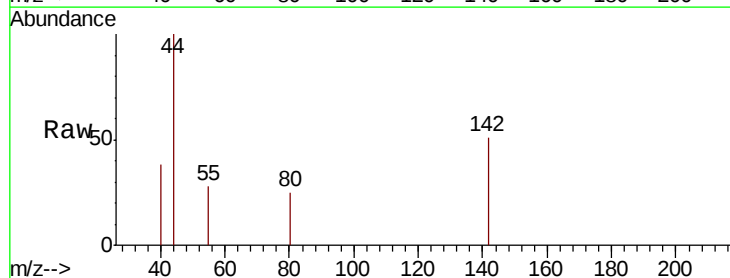
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

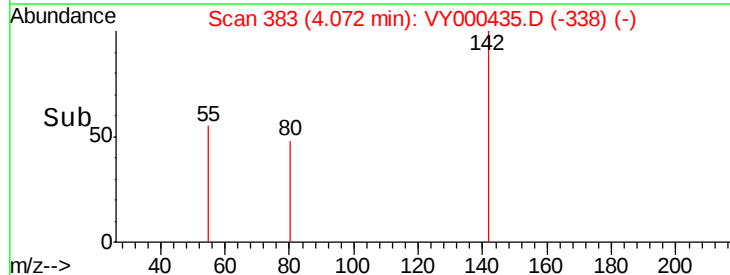
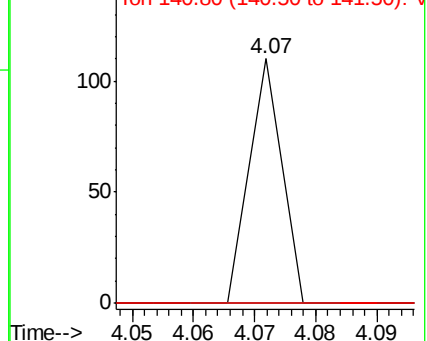
142 100

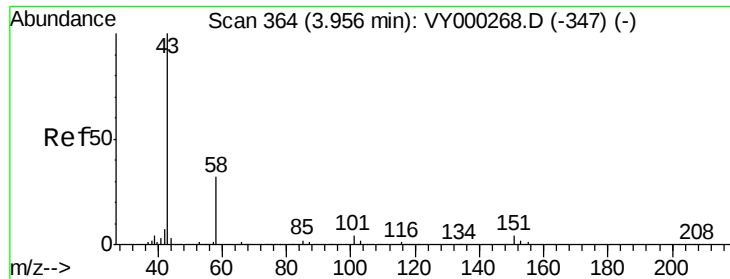
127 0.0 33.9 50.9#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 2.192 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

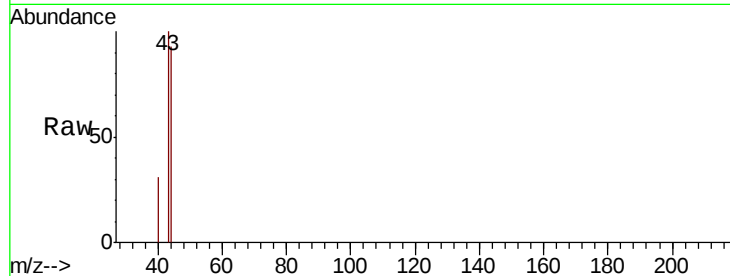
ClientSampleId :

Tot Ion: 43 Resp: 639

Ion Ratio Lower Upper

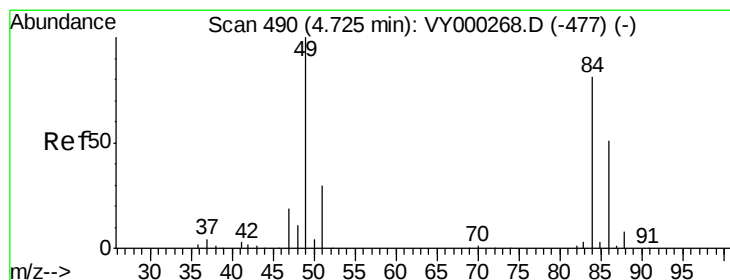
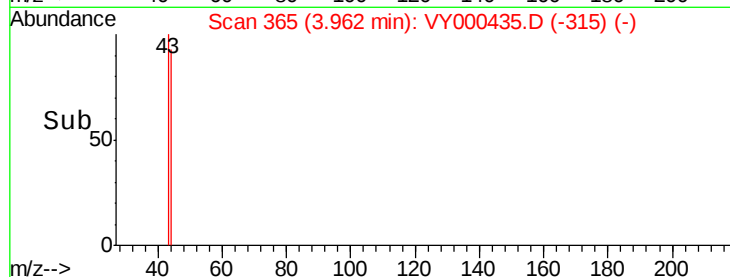
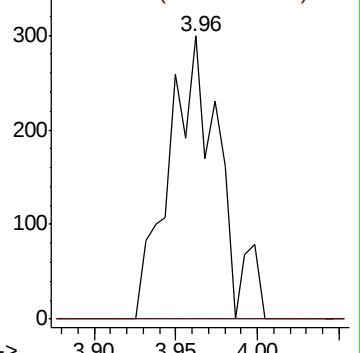
43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Tgt Ion: 84 Resp: 639

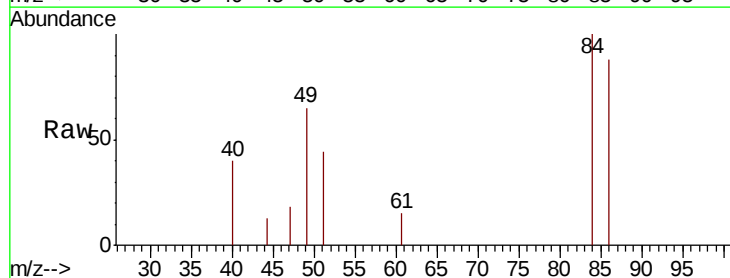
Ion Ratio Lower Upper

84 100

49 65.3 99.0 148.4#

51 43.9 29.3 43.9

86 67.7 50.2 75.4

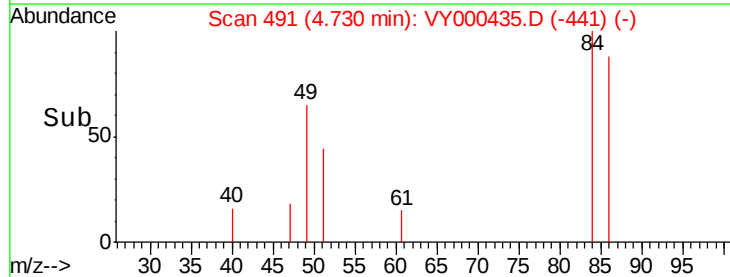
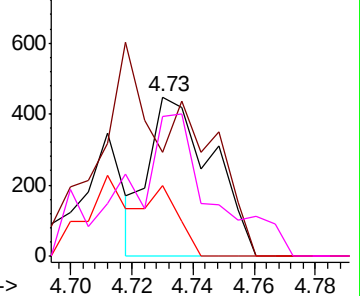


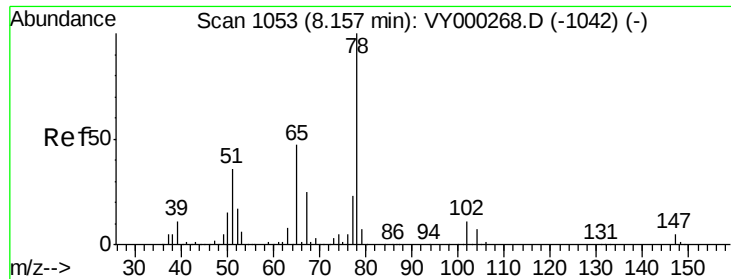
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

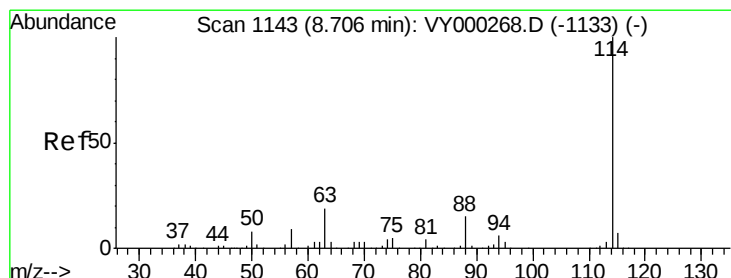
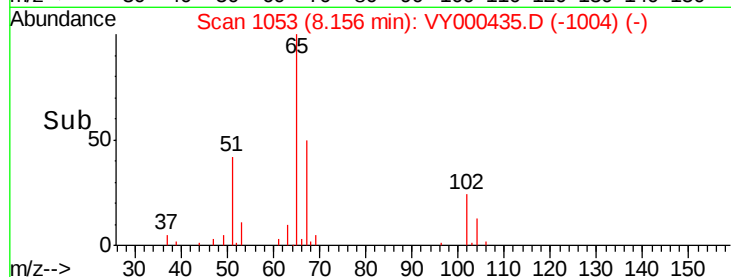
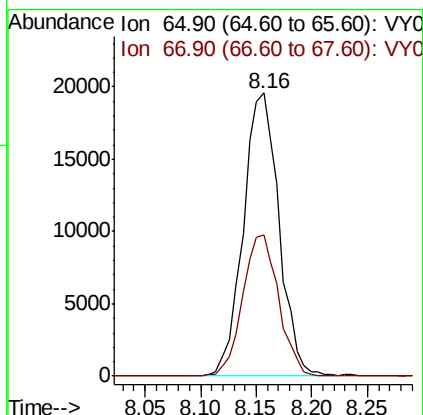
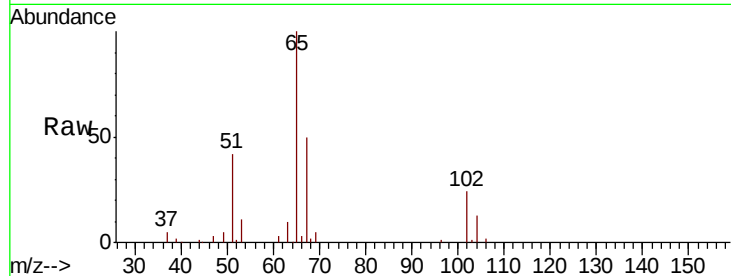




#33
 1,2-Dichloroethane-d4
 Concen: 48.569 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000435.D
 Acq: 25 Oct 2019 17:38

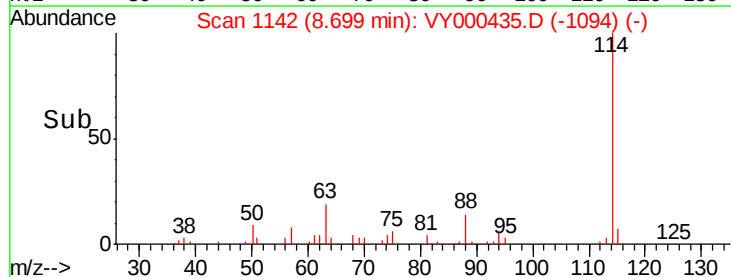
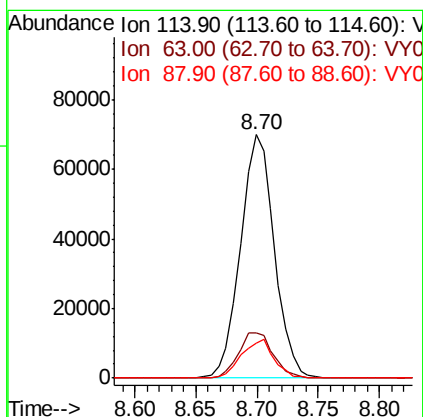
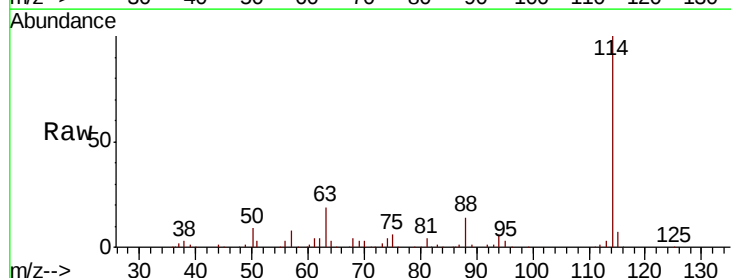
Instrument :
 MSVOA_Y
 ClientSampleId :

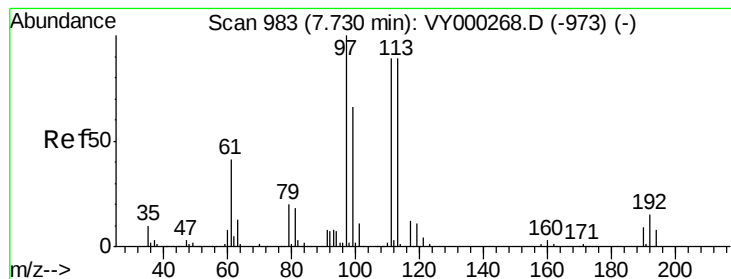
Tot Ion: 65 Resp: 43718
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000435.D
 Acq: 25 Oct 2019 17:38

Tgt Ion: 114 Resp: 134252
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.2
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.990 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

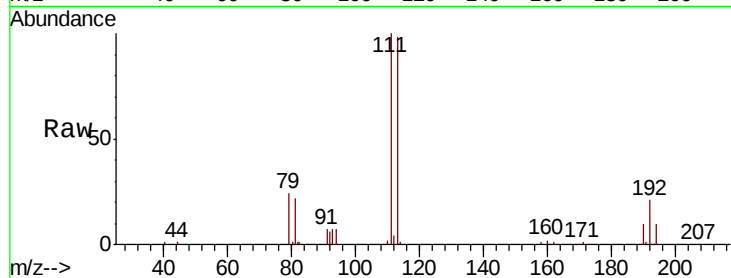
Tot Ion:113 Resp: 38863

Ion Ratio Lower Upper

113 100

111 100.1 81.6 122.4

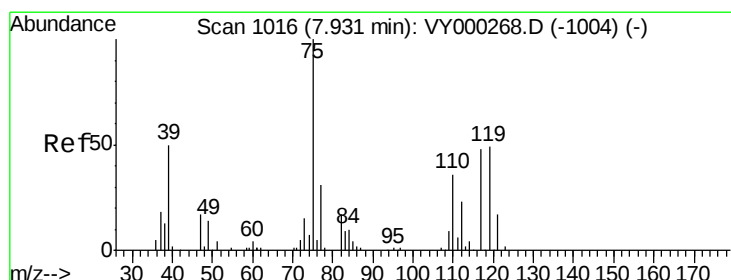
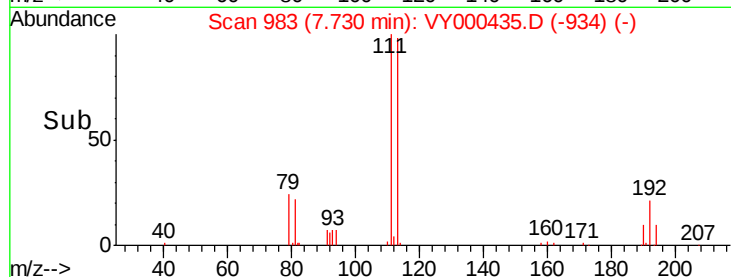
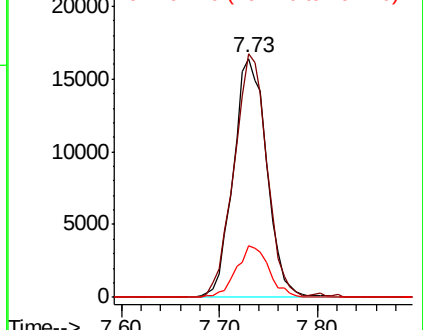
192 21.0 15.3 22.9



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: 5.246 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

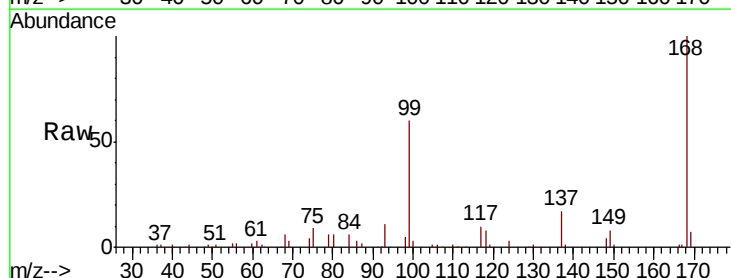
Tgt Ion: 75 Resp: 6896

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.4#

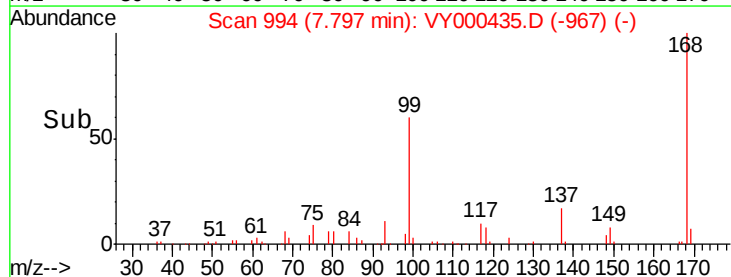
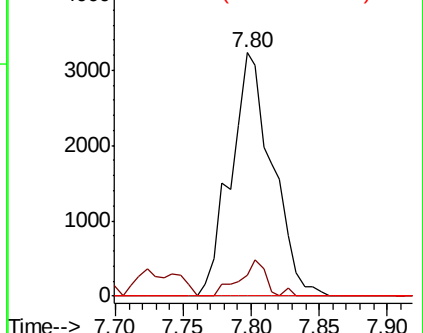
77 0.0 25.0 37.6#

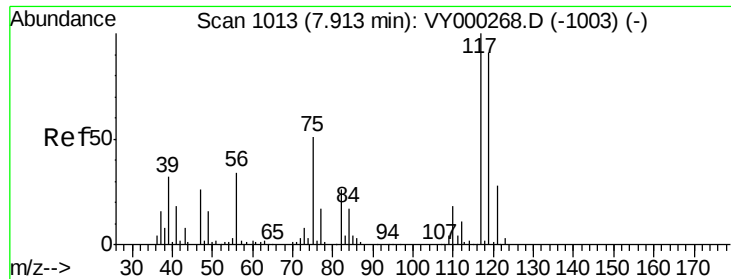


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

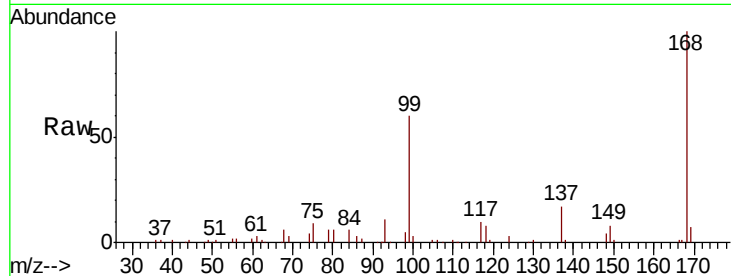




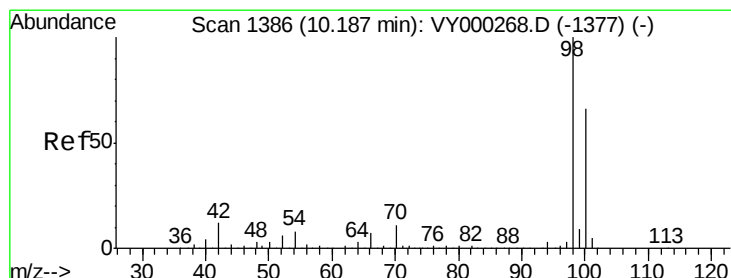
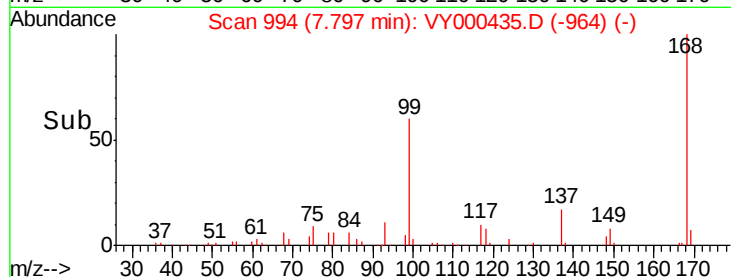
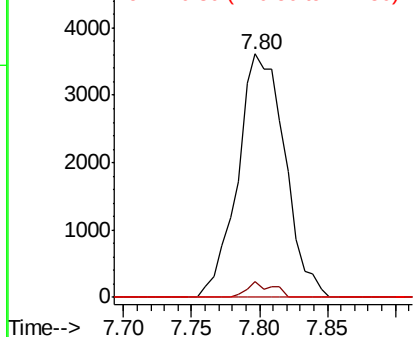
#38
Carbon Tetrachloride
Concen: 6.886 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 8763
Ion Ratio Lower Upper
117 100
119 6.3 72.8 109.2#
121 0.0 22.2 33.2#

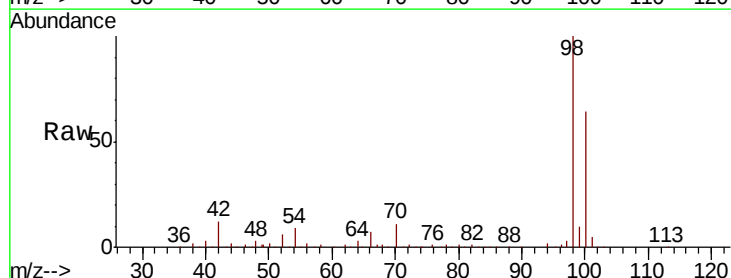


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

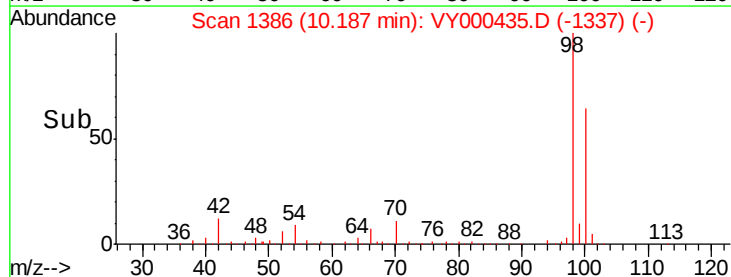
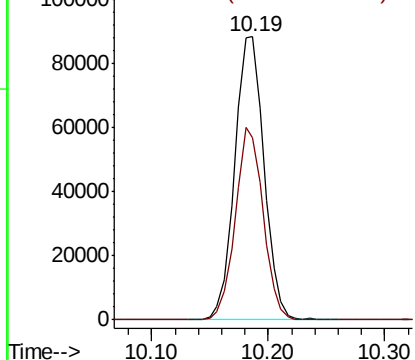


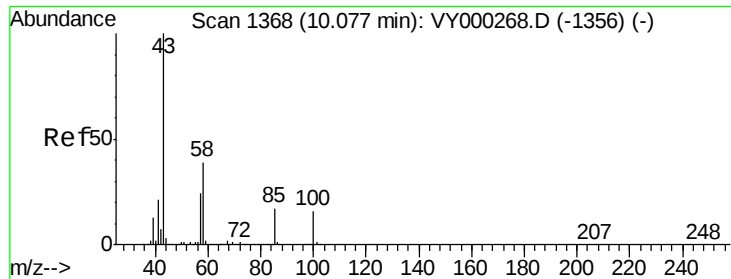
#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Tgt Ion: 98 Resp: 155714
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.036 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

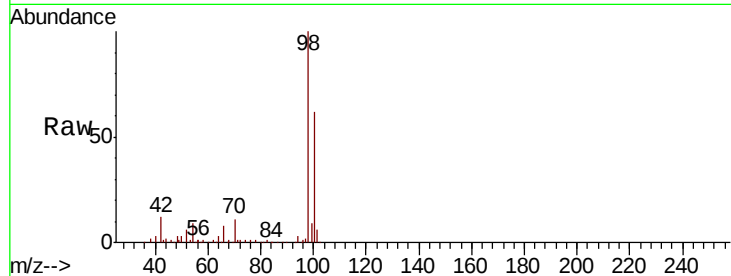
ClientSampleId :

Tot Ion: 43 Resp: 791

Ion Ratio Lower Upper

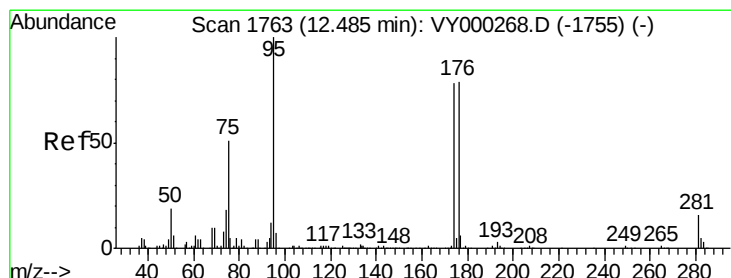
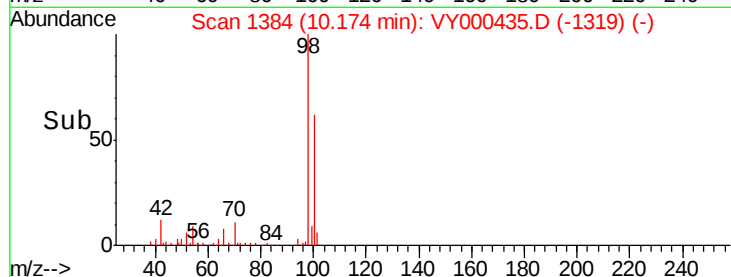
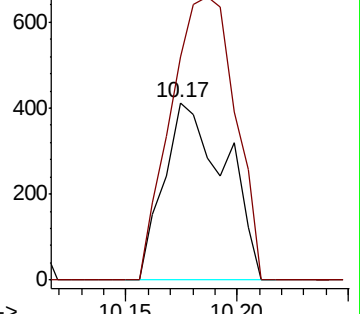
43 100

58 167.0 31.0 46.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 35.695 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

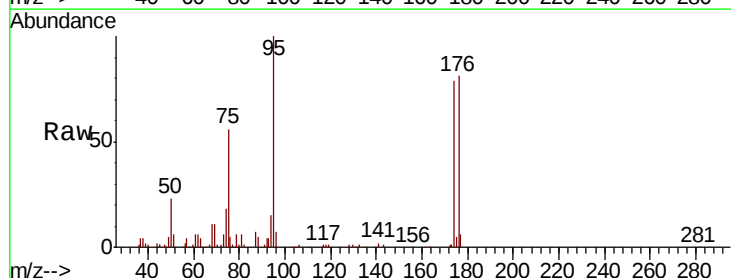
Tgt Ion: 95 Resp: 42245

Ion Ratio Lower Upper

95 100

174 84.7 0.0 159.6

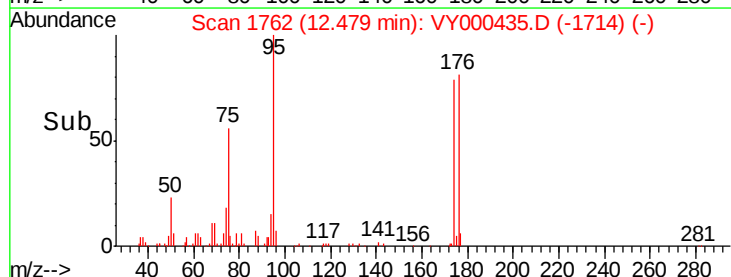
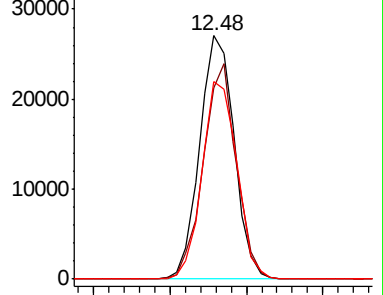
176 82.4 0.0 153.8

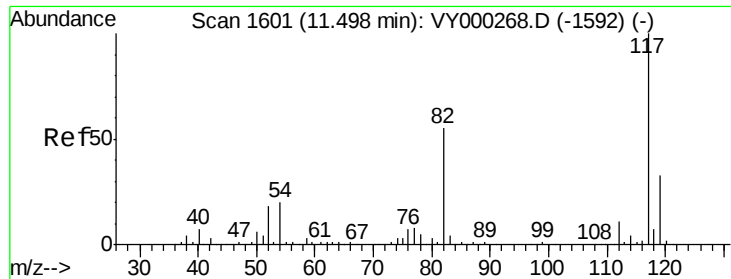


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

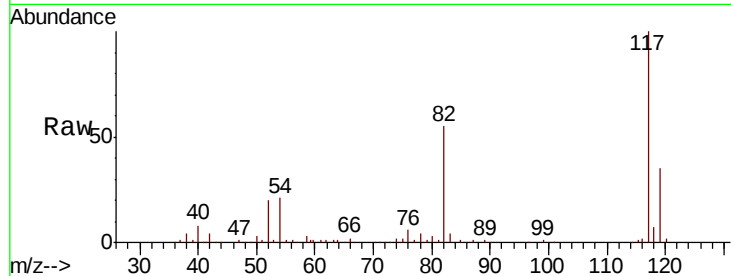




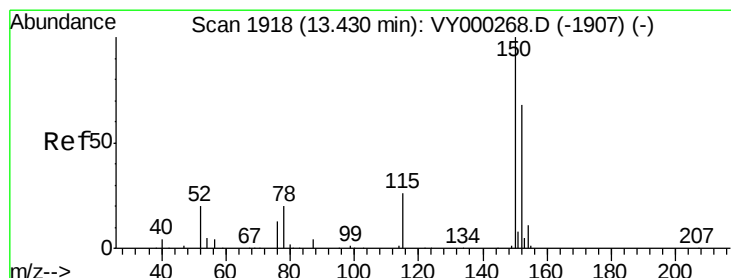
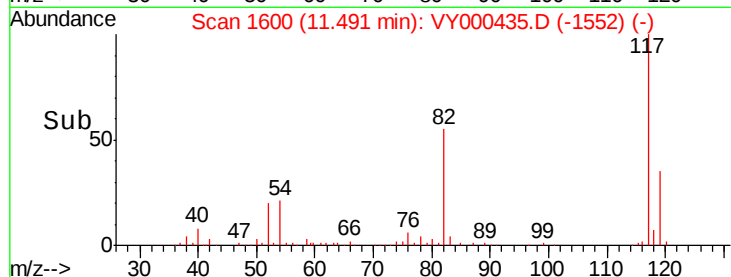
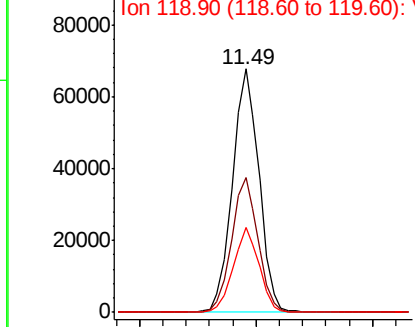
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 107604
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 34.8 26.6 39.8

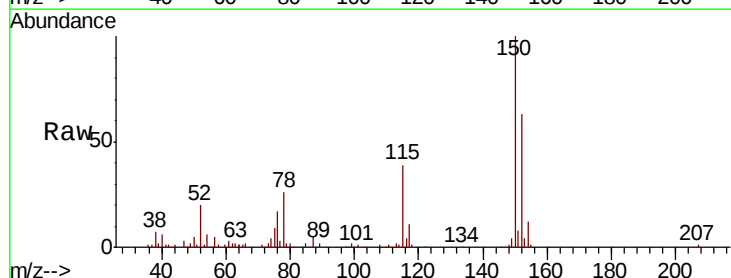


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

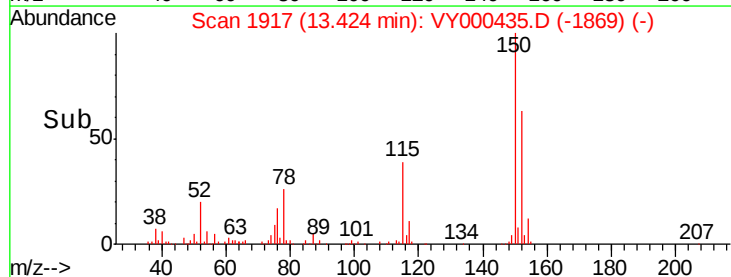
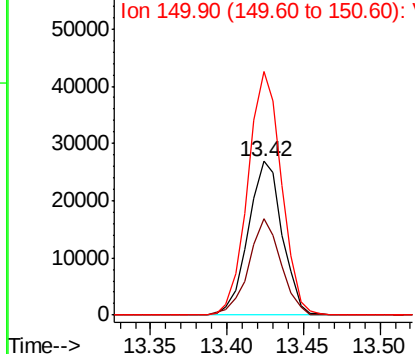


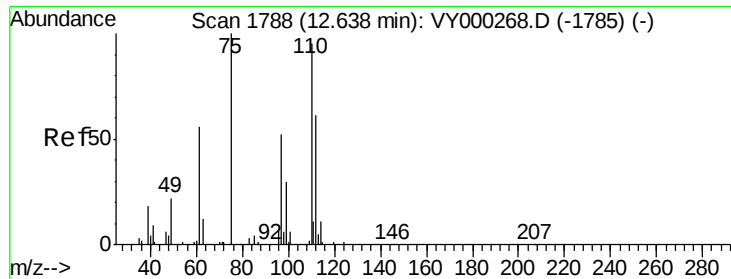
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000435.D
Acq: 25 Oct 2019 17:38

Tgt Ion:152 Resp: 41622
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 156.1 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: 43.796 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Instrument :

MSVOA_Y

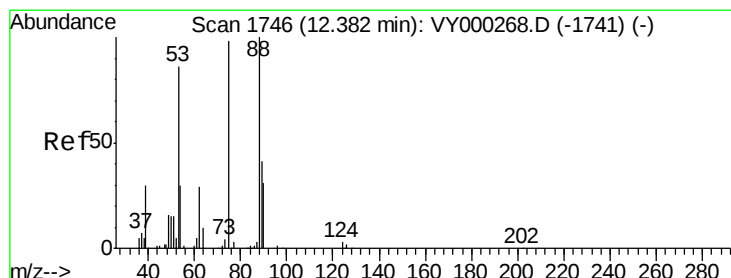
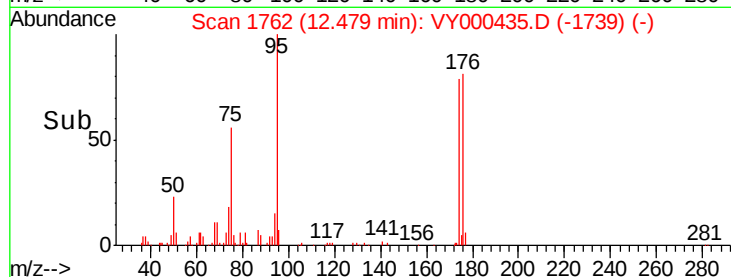
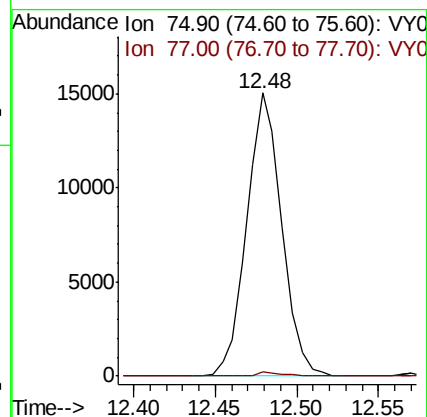
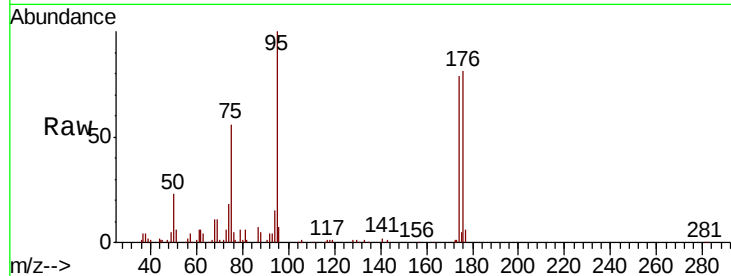
ClientSampleId :

Tot Ion: 75 Resp: 22415

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.823 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000435.D

Acq: 25 Oct 2019 17:38

Tgt Ion: 75 Resp: 22415

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

