

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000348.D
 Acq On : 18 Oct 2019 13:29
 Operator : SY/MD
 Sample : K5420-05
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:53:40 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

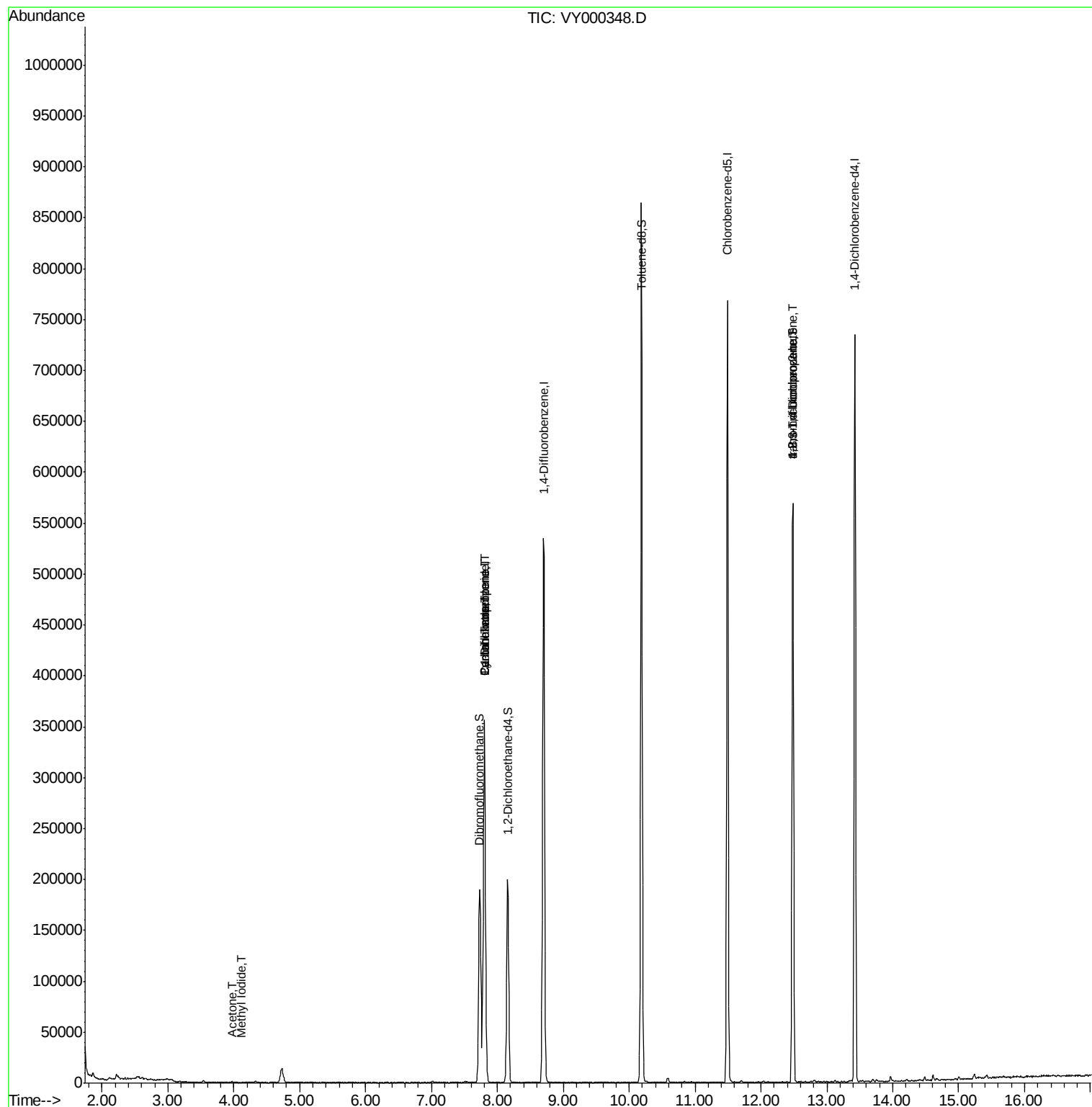
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	273040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	463344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	181338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	152015	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
35) Dibromofluoromethane	7.73	113	131845	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.19	98	541361	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.49	95	180063	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.06	85	23	Below Cal	#	41
10) Methyl Iodide	4.10	142	87	1.207	ug/l #	68
16) Acetone	3.97	43	1098	1.177	ug/l #	1
20) Methylene Chloride	4.73	84	10038	Below Cal		88
31) Cyclohexane	7.80	56	5608	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20677	4.558	ug/l #	49
38) Carbon Tetrachloride	7.80	117	27242	6.202	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	94709	42.474	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	94709	92.930	ug/l #	14

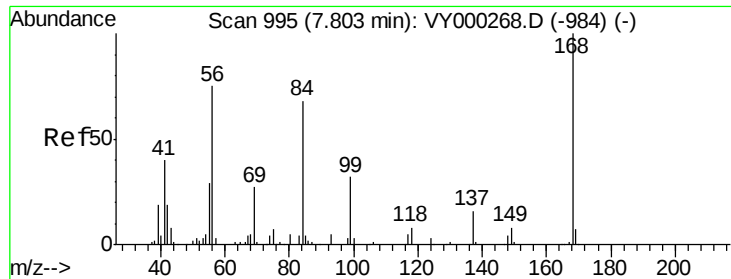
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
Data File : VY000348.D
Acq On : 18 Oct 2019 13:29
Operator : SY/MD
Sample : K5420-05
Misc : 7.10G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:53:40 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: VY000348.D

Acq: 18 Oct 2019 13:29

Instrument :

MSVOA_Y

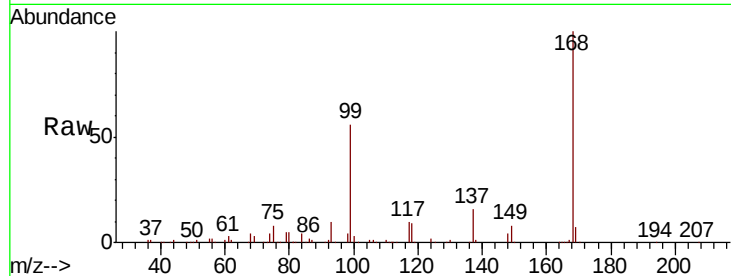
ClientSampled :

Tot Ion:168 Resp: 273040

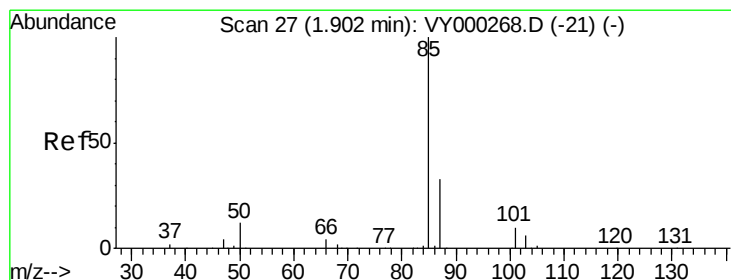
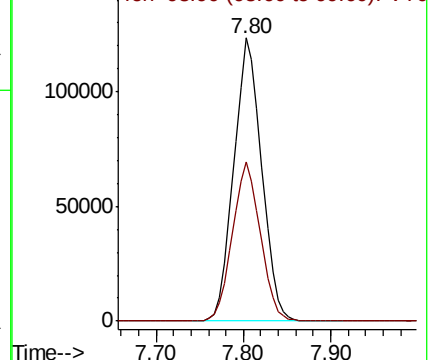
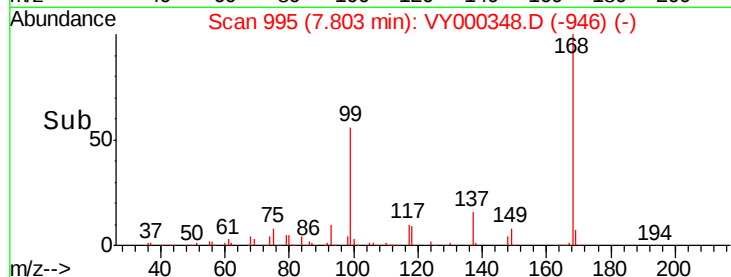
Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000348.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.06 min Scan# 53

Delta R.T. 0.16 min

Lab File: VY000348.D

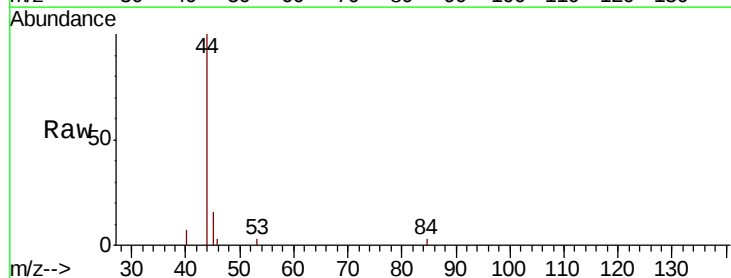
Acq: 18 Oct 2019 13:29

Tgt Ion: 85 Resp: 23

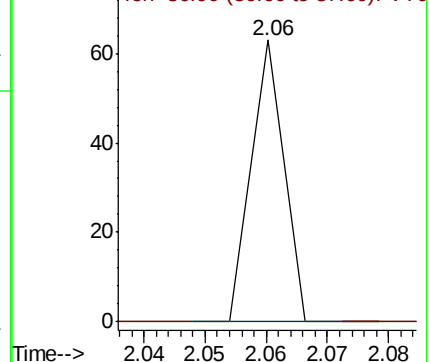
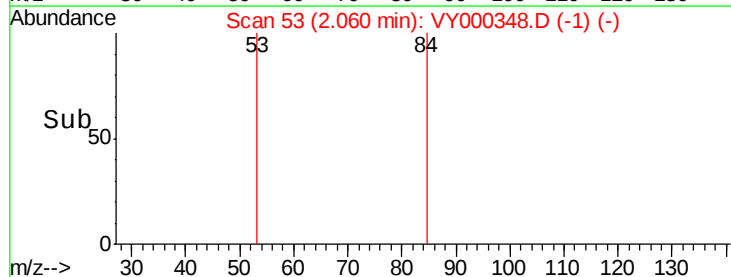
Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000348.D (-1) (-)

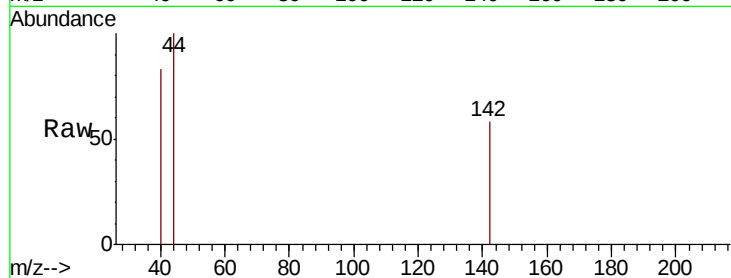




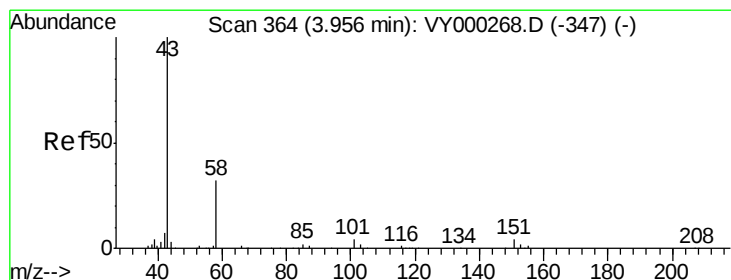
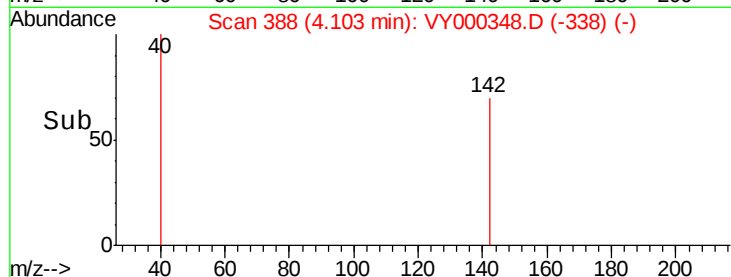
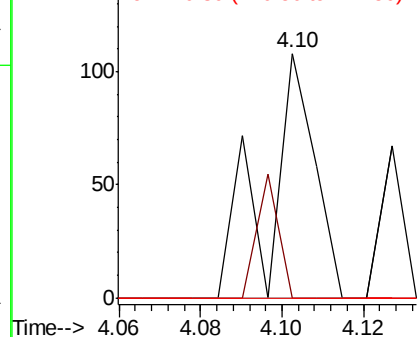
#10
Methvl Iodide
Concen: 1.207 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 23.0 33.9 50.9#
141 0.0 11.2 16.8#

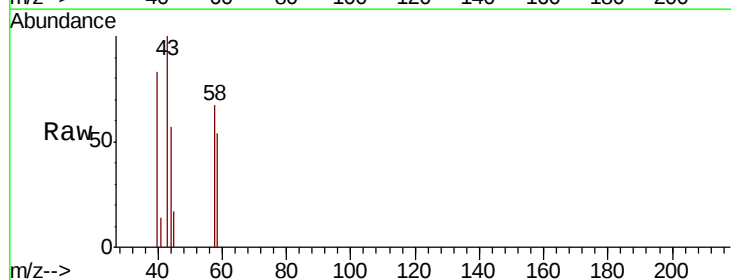


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

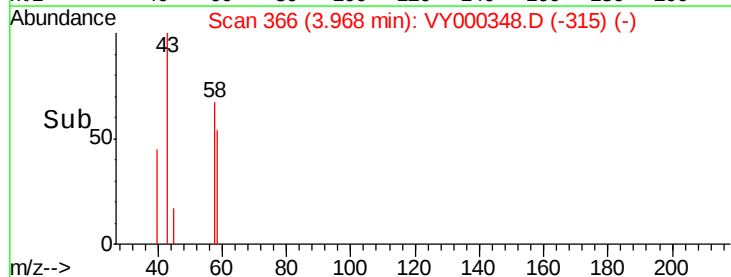
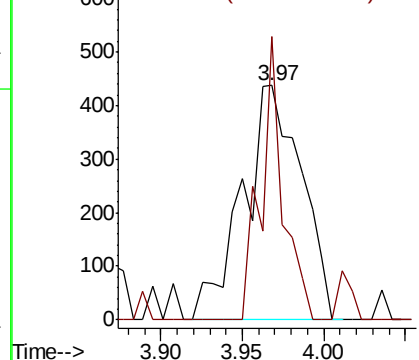


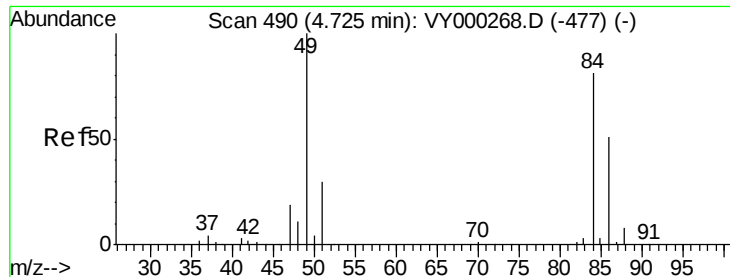
#16
Acetone
Concen: 1.177 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 120.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

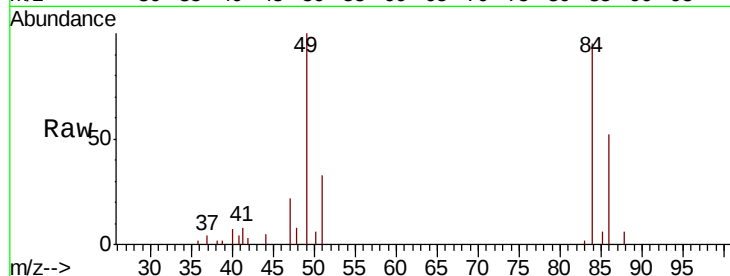




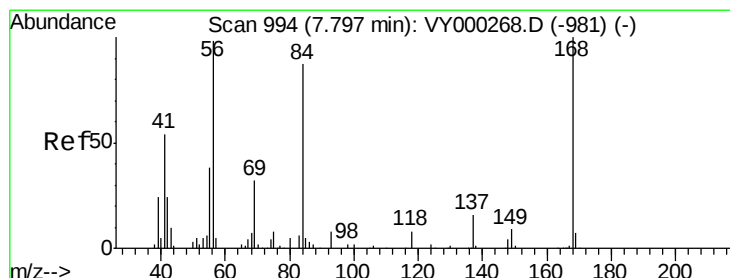
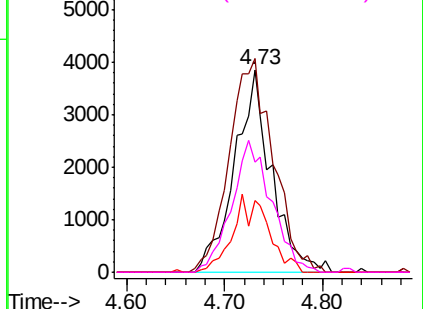
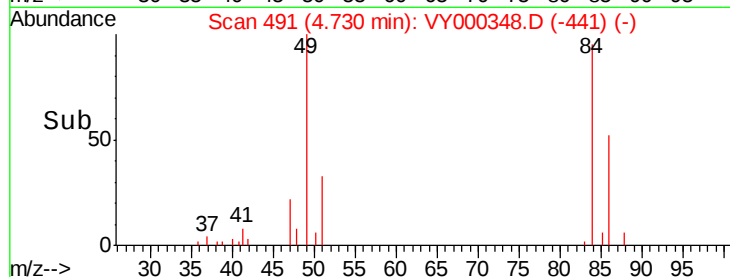
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 10038
Ion Ratio Lower Upper
84 100
49 105.6 99.0 148.4
51 35.3 29.3 43.9
86 54.6 50.2 75.4

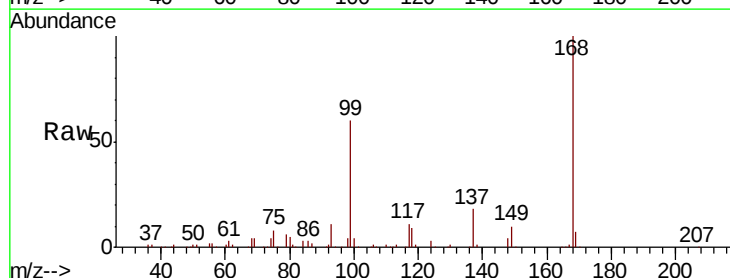


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

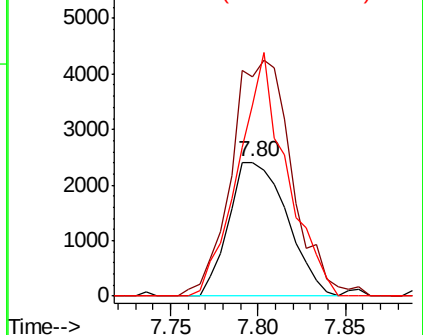
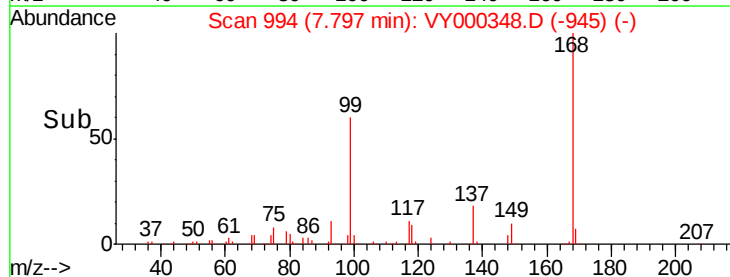


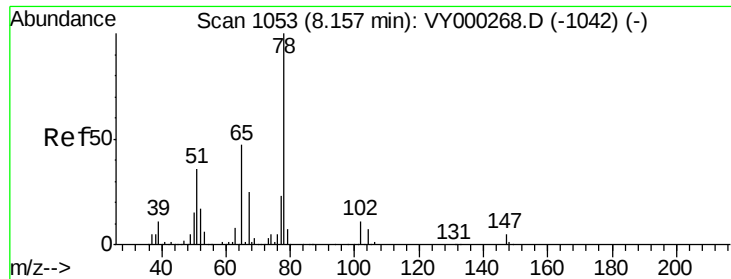
#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

Tgt Ion: 56 Resp: 5608
Ion Ratio Lower Upper
56 100
69 158.2 26.3 39.5#
84 142.3 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

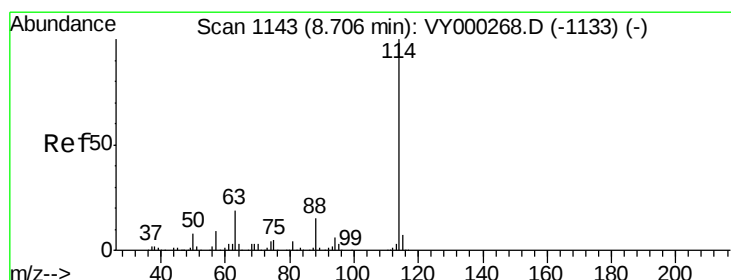
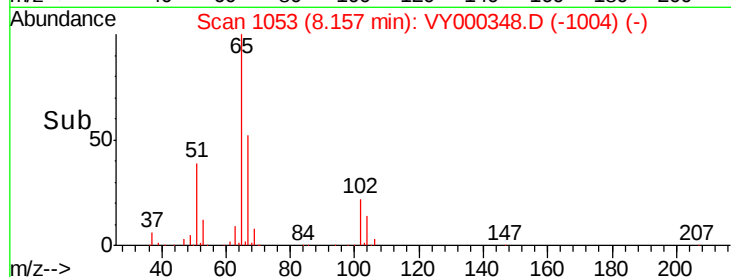
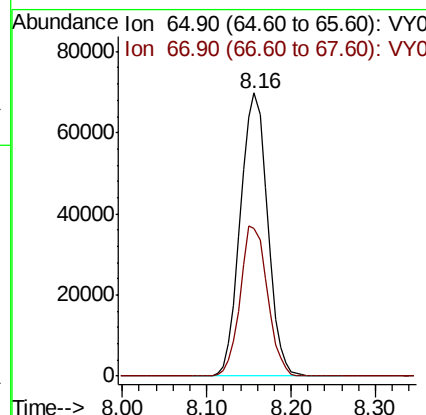
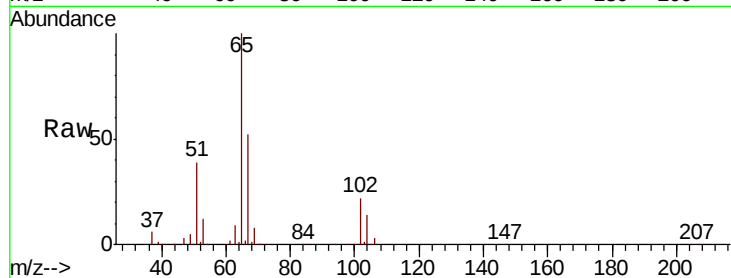




#33
 1,2-Dichloroethane-d4
 Concen: 52.780 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000348.D
 Acq: 18 Oct 2019 13:29

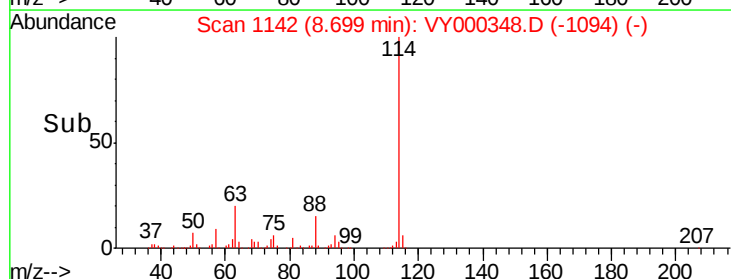
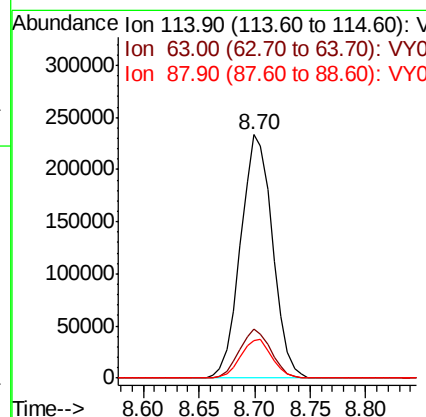
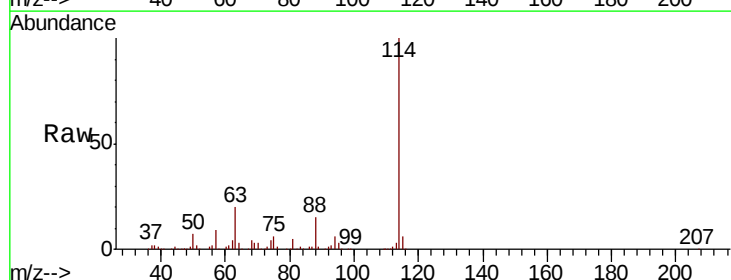
Instrument :
 MSVOA_Y
 ClientSampleId :

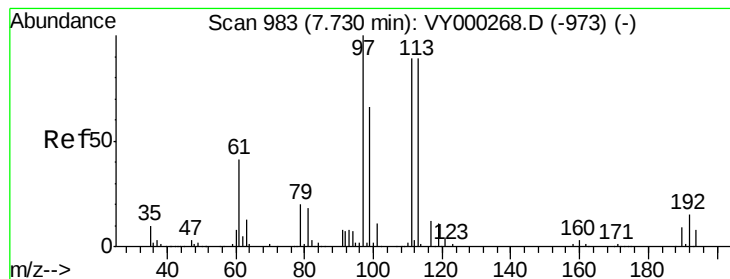
Tot Ion: 65 Resp: 152015
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000348.D
 Acq: 18 Oct 2019 13:29

Tgt Ion: 114 Resp: 463344
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.173 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000348.D

Acq: 18 Oct 2019 13:29

Instrument :

MSVOA_Y

ClientSampleId :

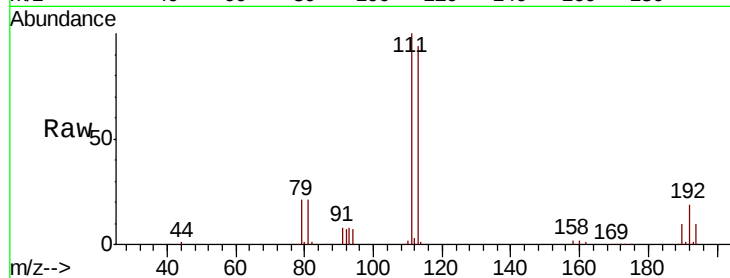
Tot Ion:113 Resp: 131845

Ion Ratio Lower Upper

113 100

111 105.8 81.6 122.4

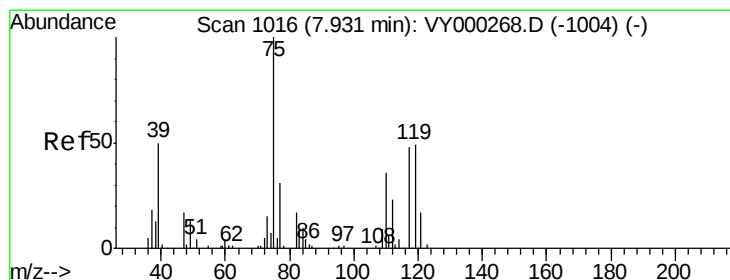
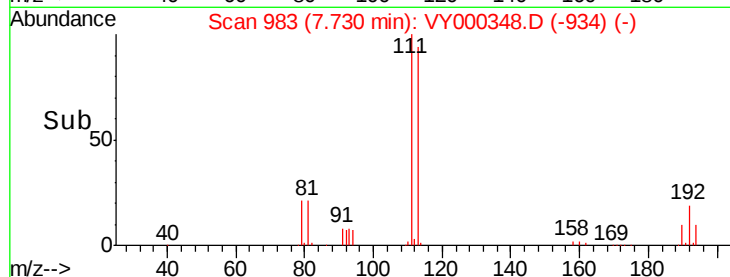
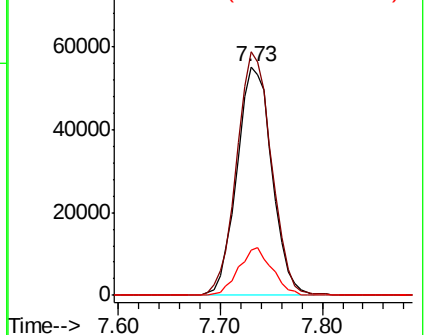
192 19.9 15.3 22.9



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: 4.558 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY000348.D

Acq: 18 Oct 2019 13:29

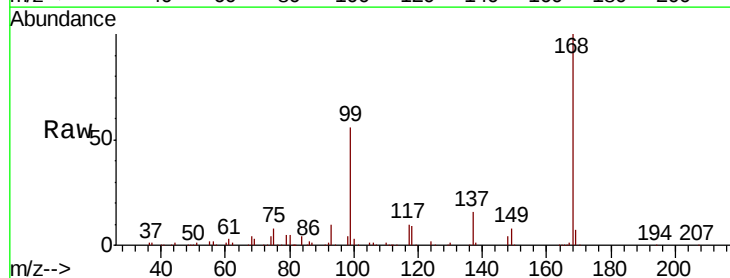
Tgt Ion: 75 Resp: 20677

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.4#

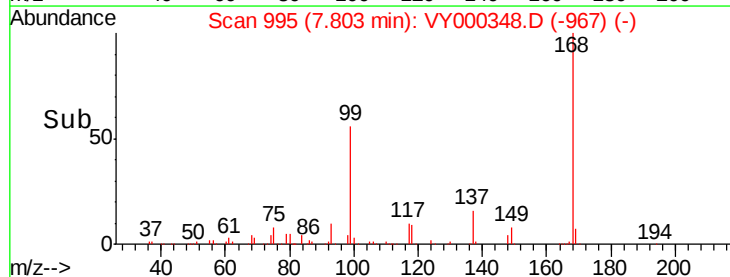
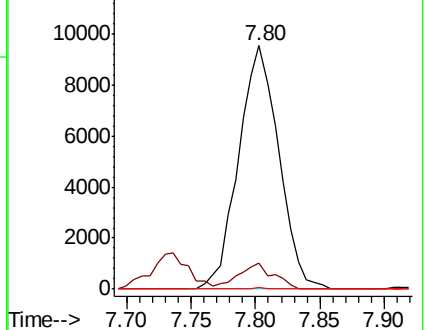
77 0.2 25.0 37.6#

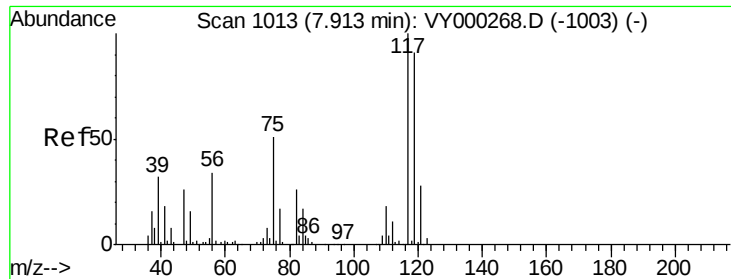


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.202 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000348.D

Acq: 18 Oct 2019 13:29

Instrument :
MSVOA_Y
ClientSampled :

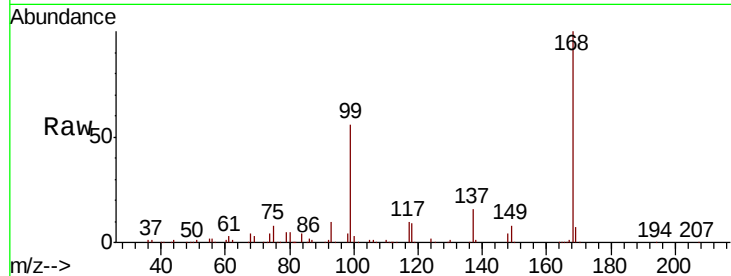
Tot Ion:117 Resp: 27242

Ion Ratio Lower Upper

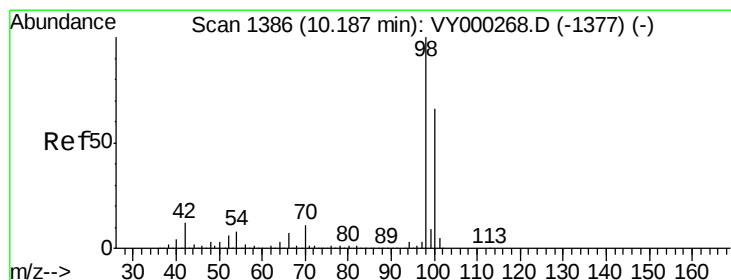
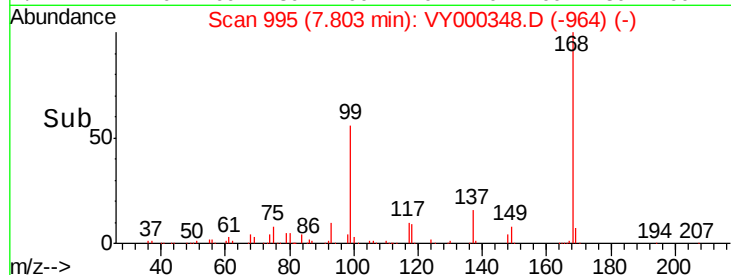
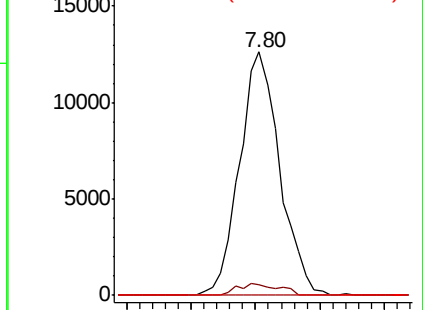
117 100

119 4.5 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: 50.353 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000348.D

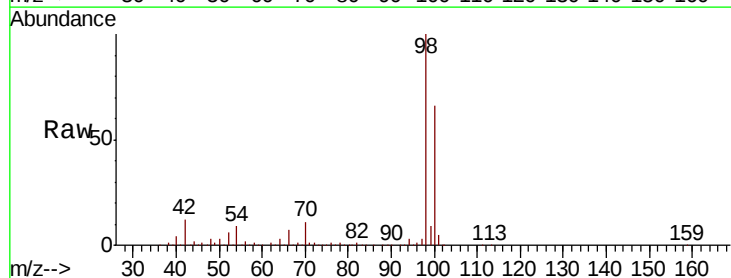
Acq: 18 Oct 2019 13:29

Tgt Ion: 98 Resp: 541361

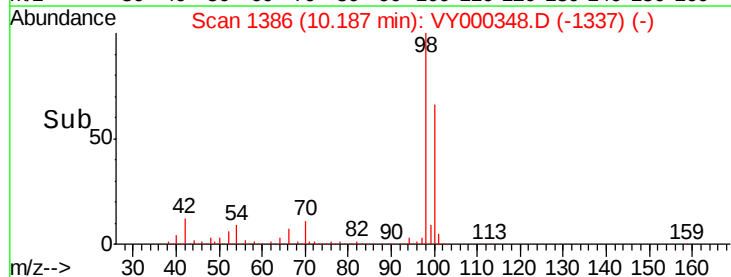
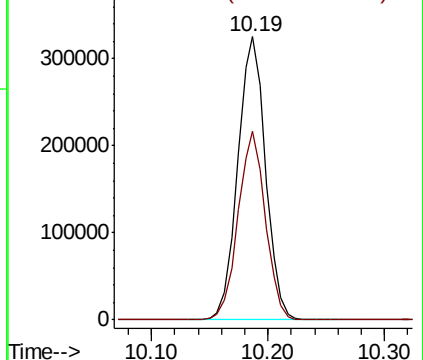
Ion Ratio Lower Upper

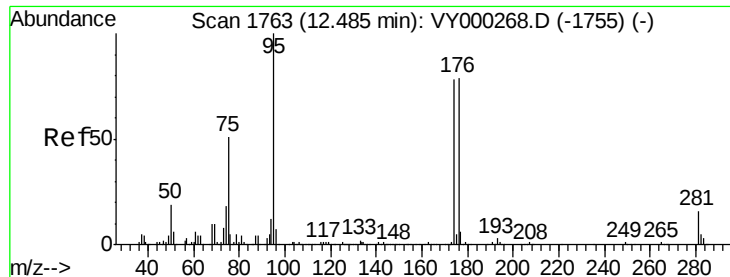
98 100

100 65.4 52.8 79.2



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

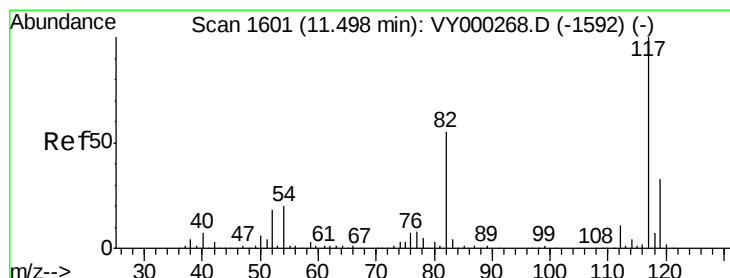
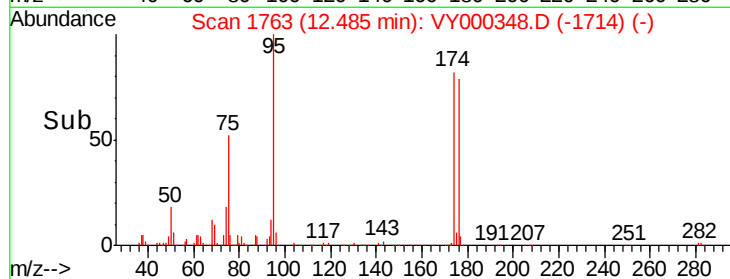
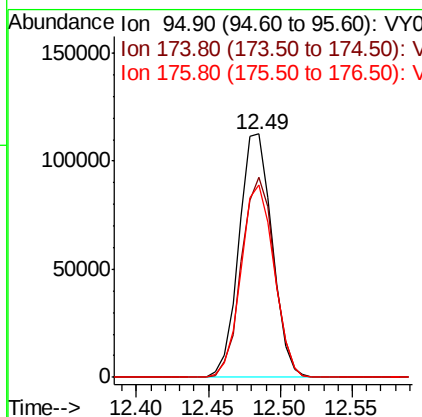
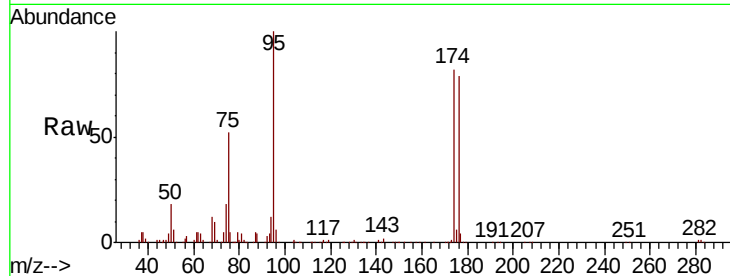




#62
4-Bromofluorobenzene
Concen: 44.084 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

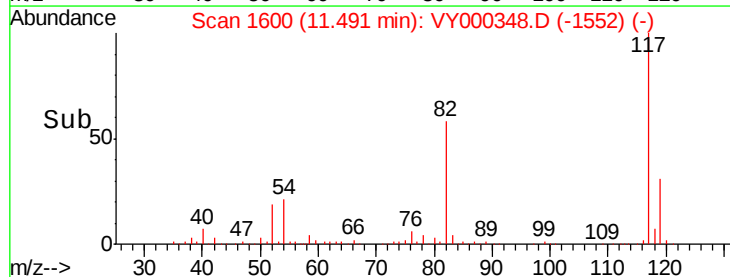
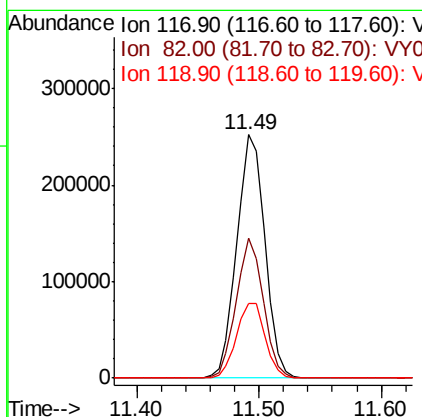
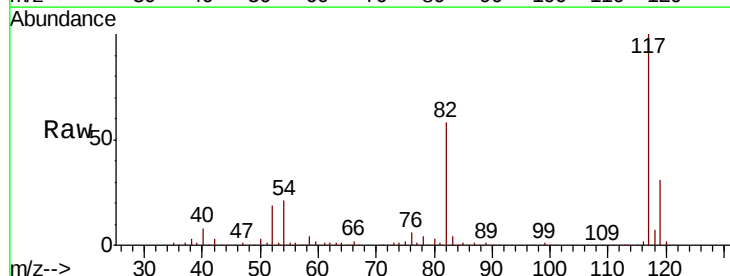
Instrument :
MSVOA_Y
ClientSampled :

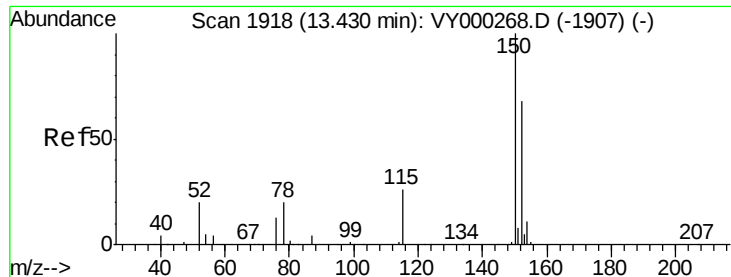
Tot Ion	95	Resp	180063
Ion Ratio	Lower	Upper	
95	100		
174	80.9	0.0	159.6
176	78.7	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000348.D
Acq: 18 Oct 2019 13:29

Tgt Ion	117	Resp	401145
Ion Ratio	Lower	Upper	
117	100		
82	57.6	43.7	65.5
119	30.9	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000348.D

Acq: 18 Oct 2019 13:29

Instrument :

MSVOA_Y

ClientSampleId :

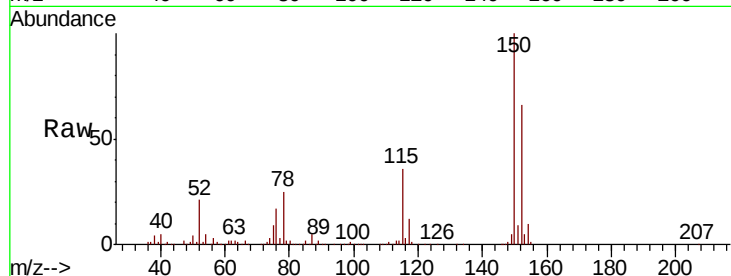
Tot Ion:152 Resp: 181338

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

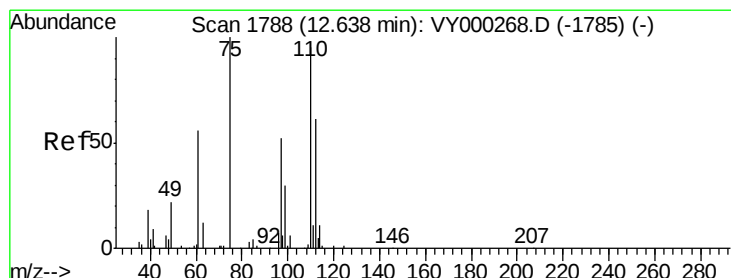
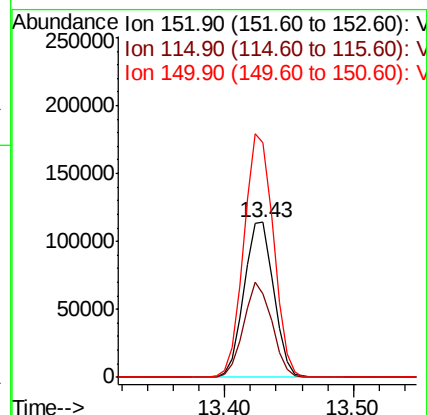
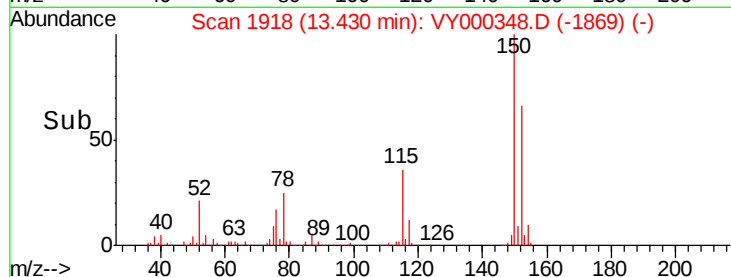
150 156.3 0.0 348.4



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: 42.474 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000348.D

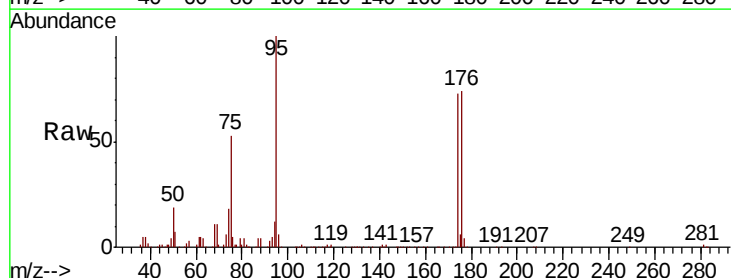
Acq: 18 Oct 2019 13:29

Tgt Ion: 75 Resp: 94709

Ion Ratio Lower Upper

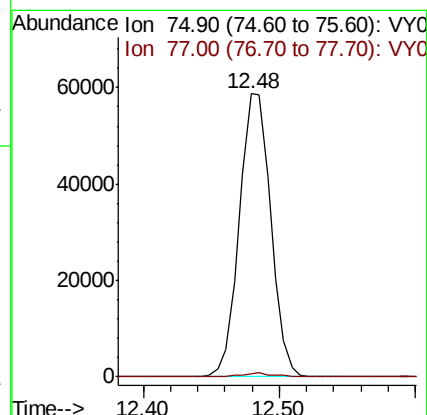
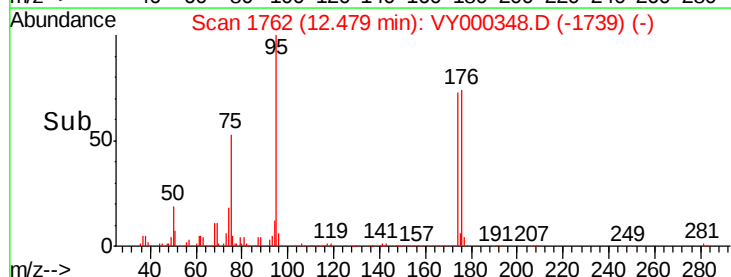
75 100

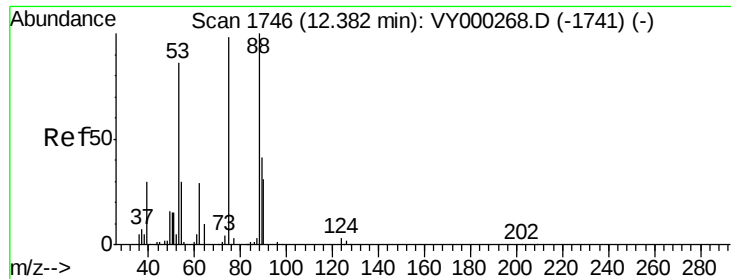
77 1.3 0.0 0.0#



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: 92.930 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000348.D

Acq: 18 Oct 2019 13:29

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 94709

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#

