

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000349.D
 Acq On : 18 Oct 2019 13:52
 Operator : SY/MD
 Sample : K5420-07
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:53:50 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	7.81	168	35381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	56818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	43384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	17885	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	18528	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	7.74	113	13500	39.39	ug/l	0.00
Spiked Amount			Recovery	=	78.78%	
50) Toluene-d8	10.19	98	60297	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.48	95	18910	37.75	ug/l	0.00
Spiked Amount			Recovery	=	75.50%	

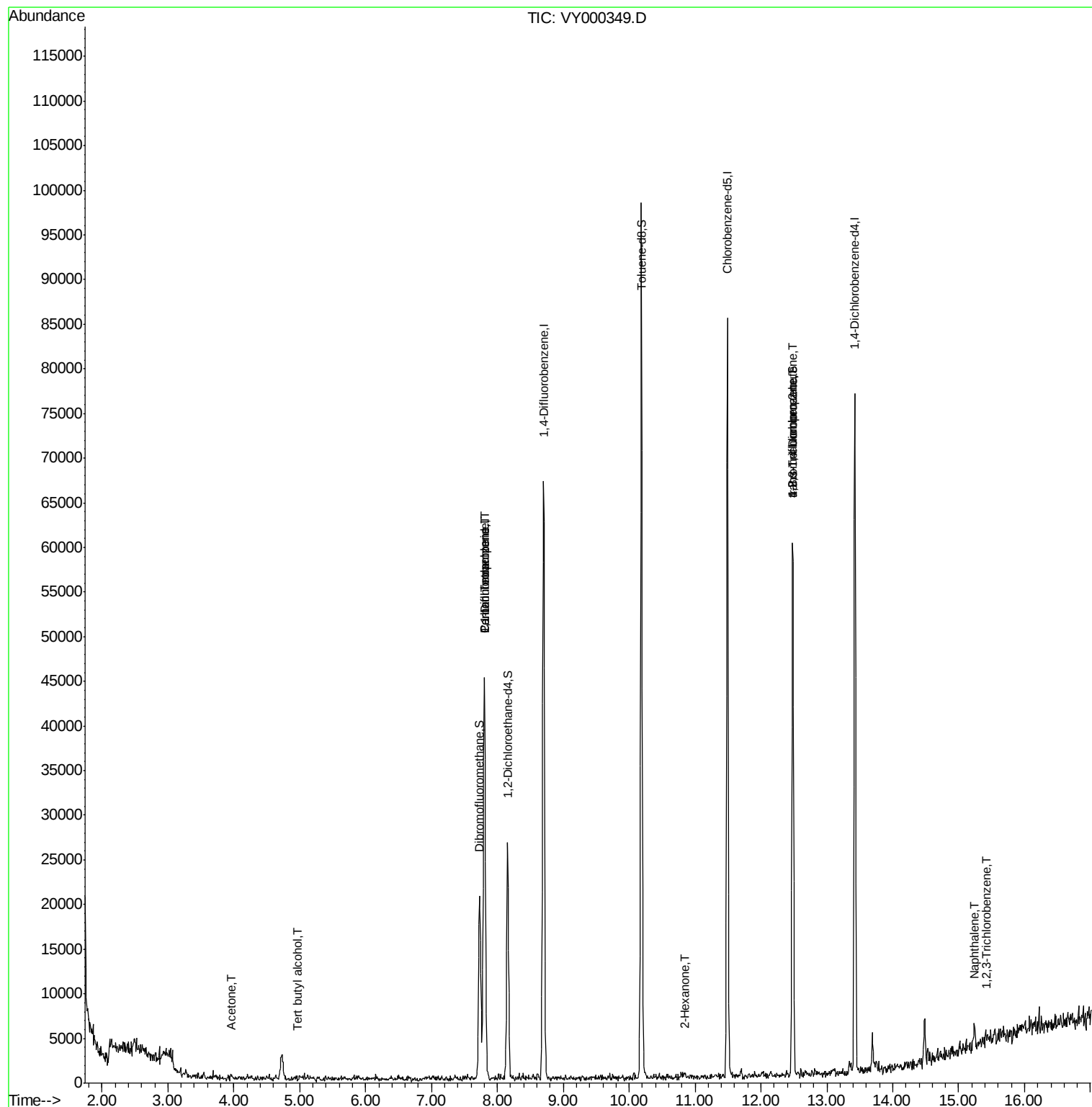
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	45	1.152	ug/l #	73
16) Acetone	3.96	43	774	6.404	ug/l #	42
20) Methylene Chloride	4.72	84	2096	Below Cal	#	50
36) 1,1-Dichloropropene	7.80	75	3038	5.461	ug/l #	45
38) Carbon Tetrachloride	7.80	117	3833	7.116	ug/l #	21
59) 2-Hexanone	10.84	43	449	1.980	ug/l	95
76) 1,2,3-Trichloropropane	12.48	75	9704	44.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	9704	96.542	ug/l #	14
95) Naphthalene	15.23	128	2386	2.775	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.42	180	380	1.094	ug/l #	29

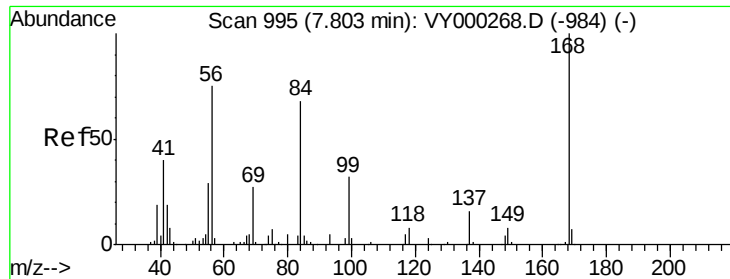
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 19 00:53:50 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



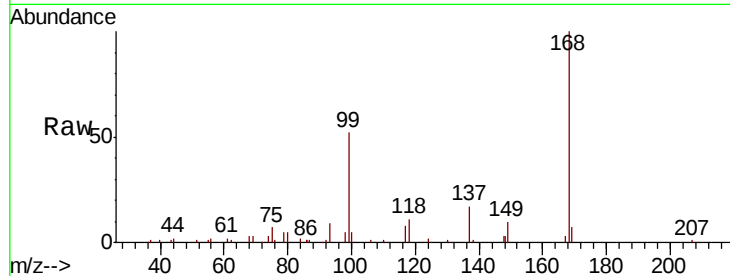


#1

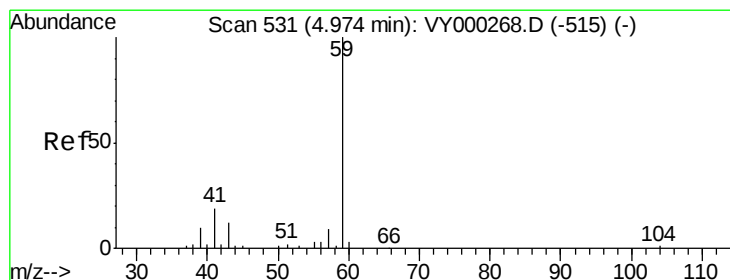
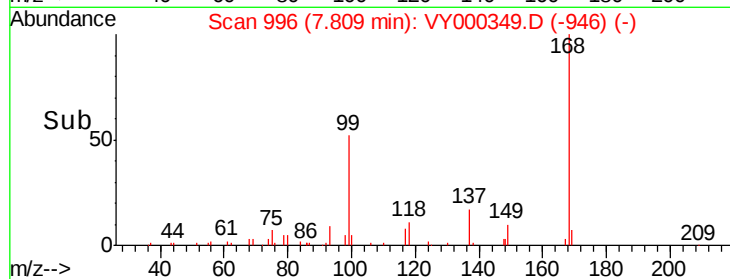
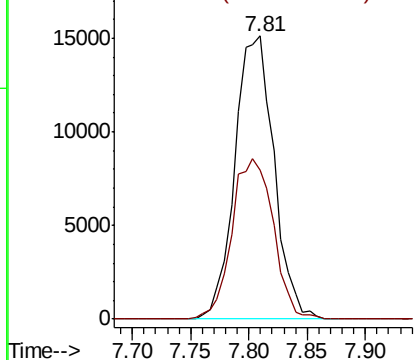
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 35381
 Ion Ratio Lower Upper
 168 100
 99 52.4 46.6 69.8



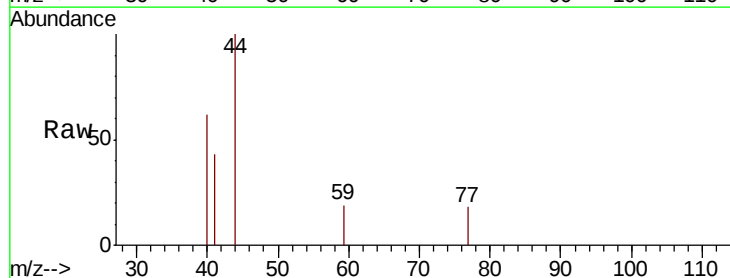
Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)
 Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



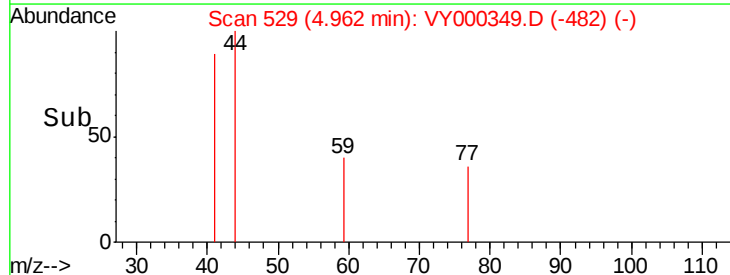
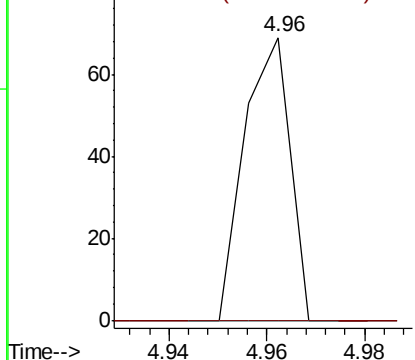
#11

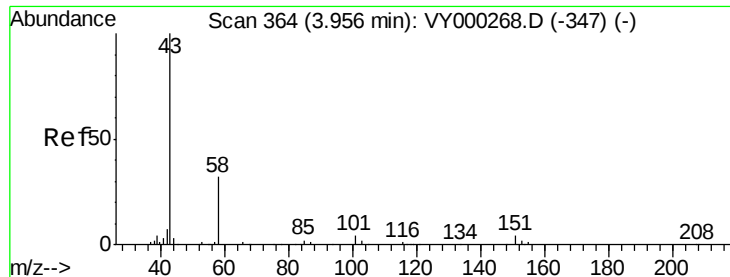
Tert butyl alcohol
 Concen: 1.152 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Tgt Ion: 59 Resp: 45
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VY000268.D (-515) (-)
 Ion 57.00 (56.70 to 57.70): VY000268.D (-515) (-)





#16

Acetone

Concen: 6.404 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000349.D

Acq: 18 Oct 2019 13:52

Instrument :

MSVOA_Y

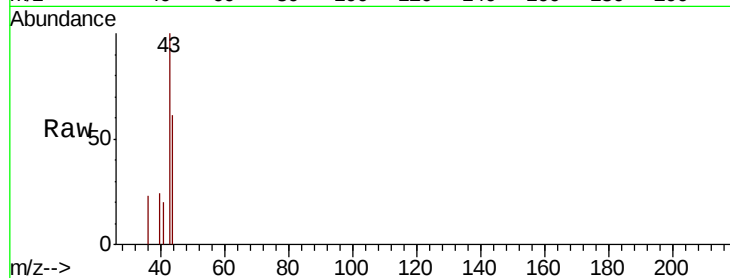
ClientSampled :

Tot Ion: 43 Resp: 774

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

3.96

400

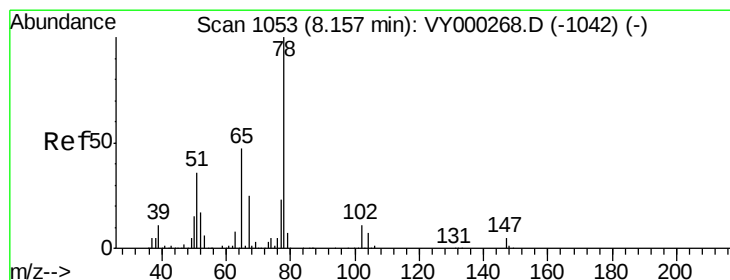
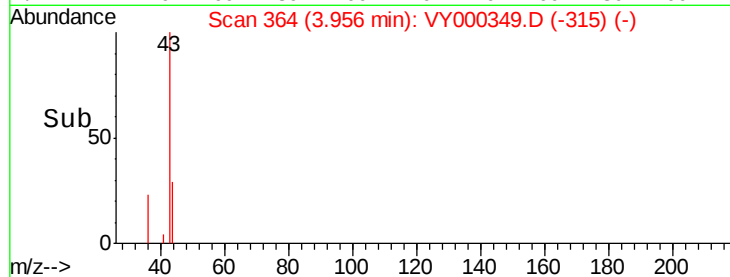
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.644 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000349.D

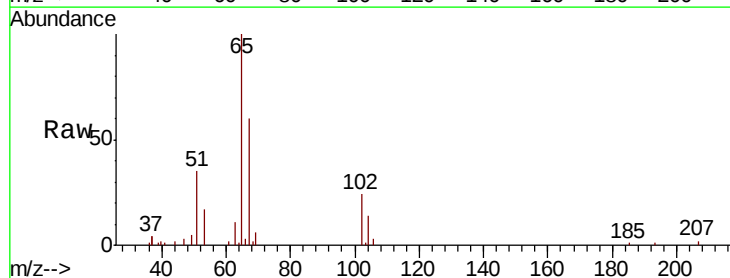
Acq: 18 Oct 2019 13:52

Tgt Ion: 65 Resp: 18528

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

10000

8000

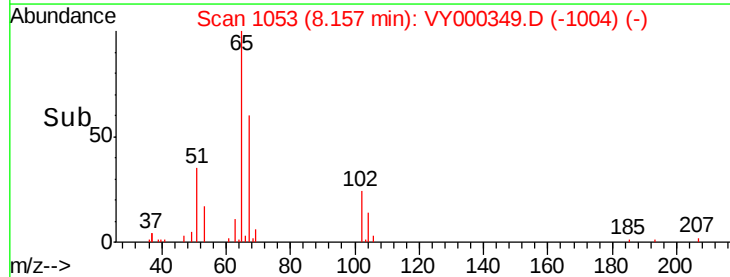
6000

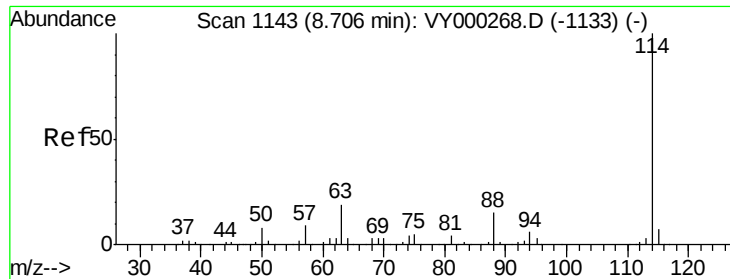
4000

2000

0

Time-->

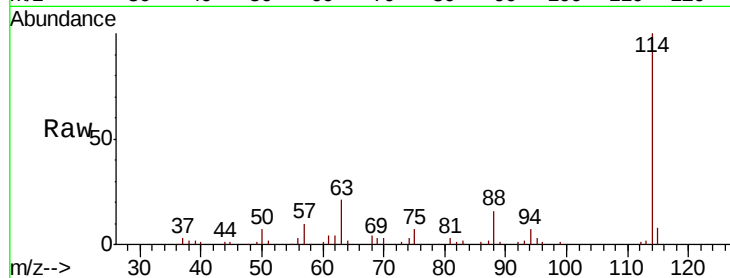




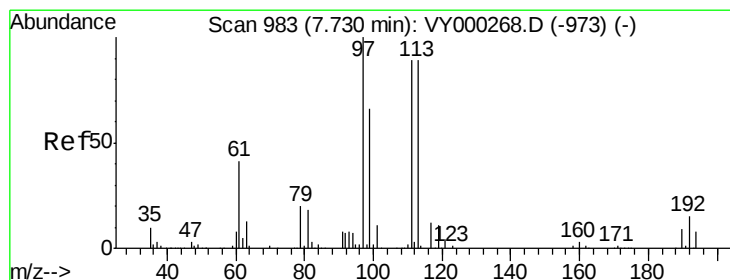
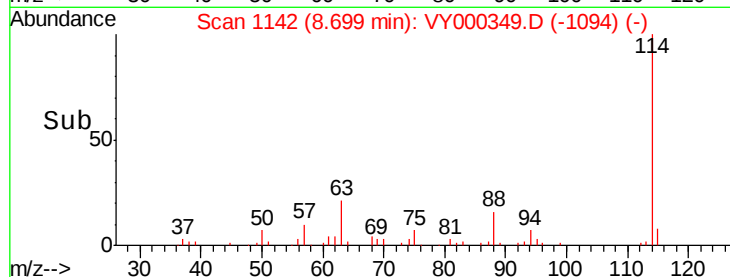
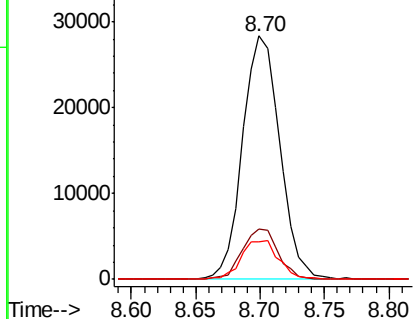
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 56818
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 37.2
 88 15.6 0.0 30.2

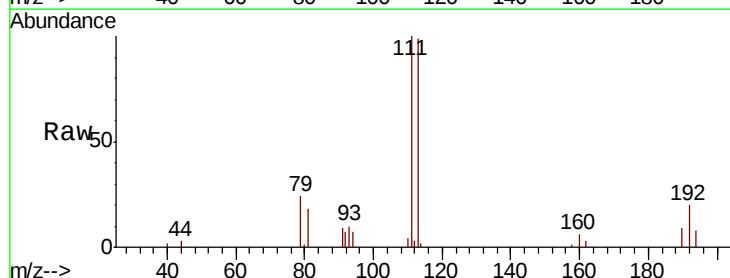


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

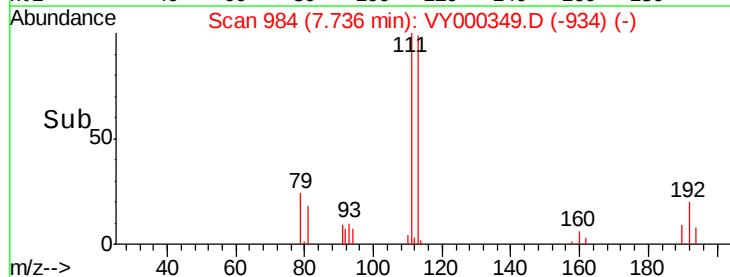
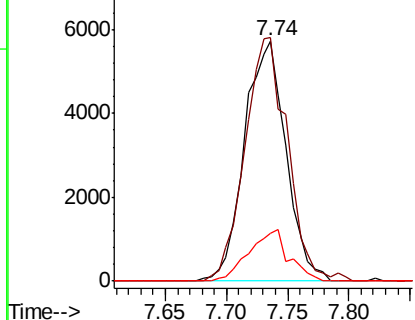


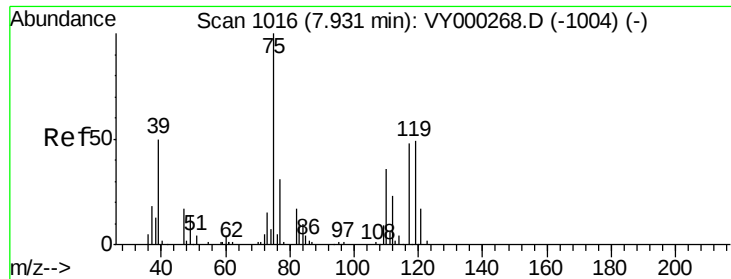
#35
 Dibromofluoromethane
 Concen: 39.389 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Tgt Ion:113 Resp: 13500
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.6 122.4
 192 20.5 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

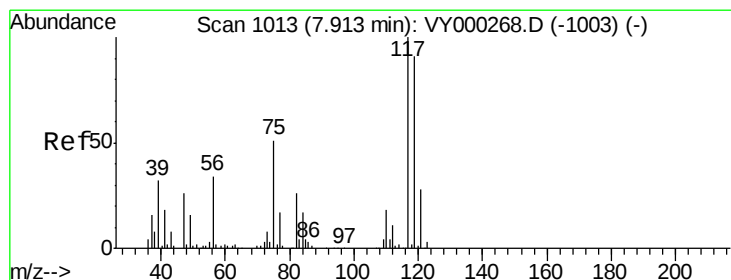
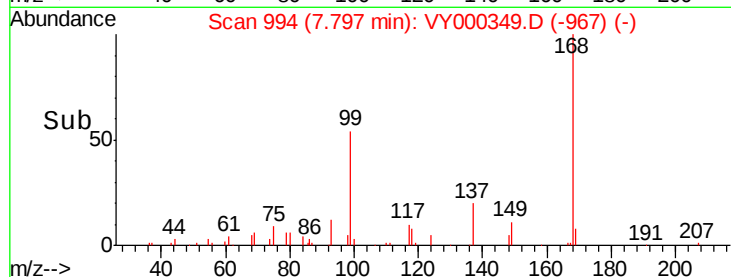
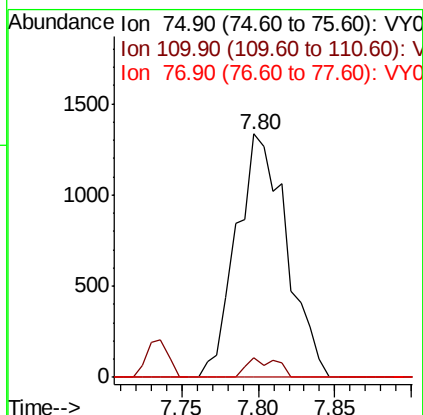
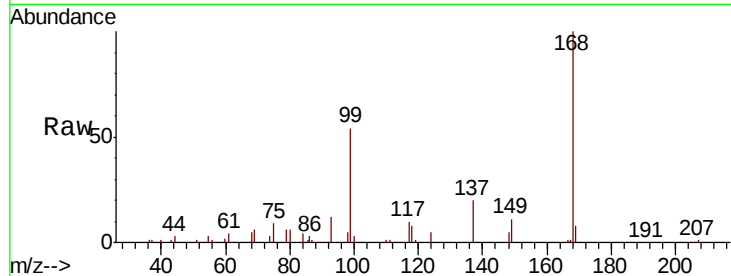




#36
 1,1-Dichloropropene
 Concen: 5.461 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

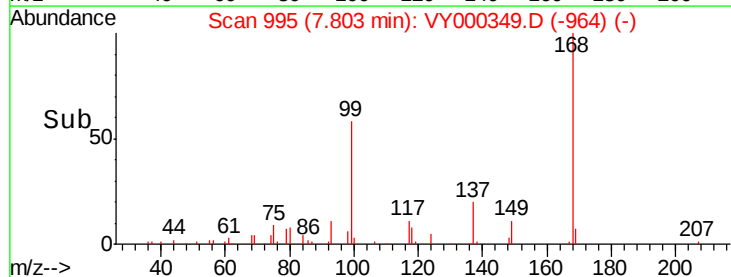
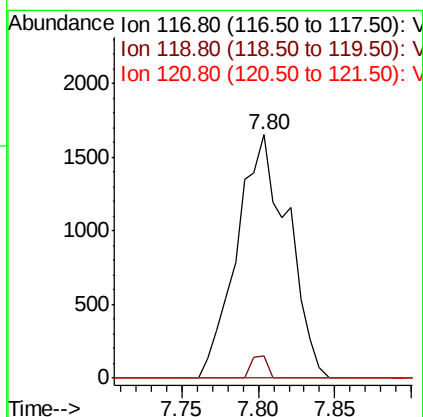
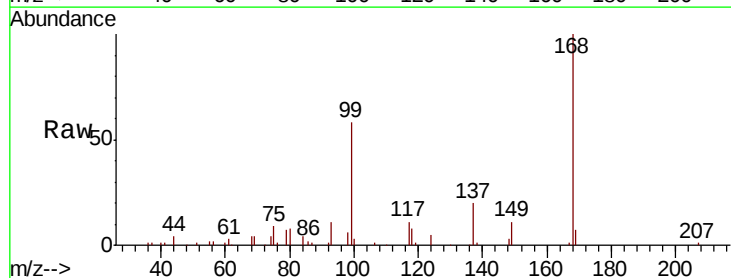
Instrument :
 MSVOA_Y
 ClientSampleId :

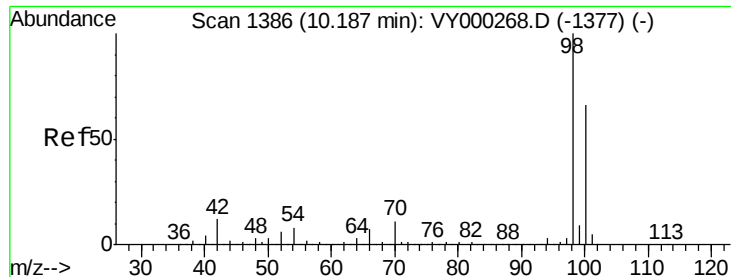
Tot Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 7.116 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.8	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 45.735 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000349.D

Acq: 18 Oct 2019 13:52

Instrument :

MSVOA_Y

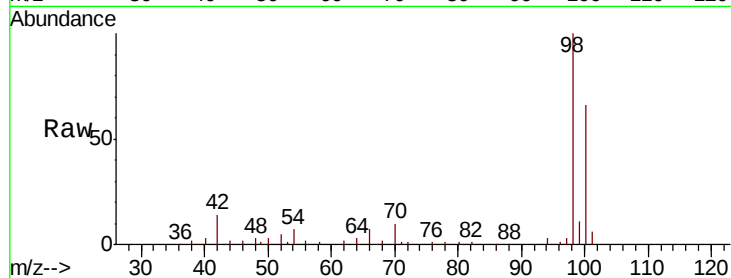
ClientSampleId :

Tot Ion: 98 Resp: 60297

Ion Ratio Lower Upper

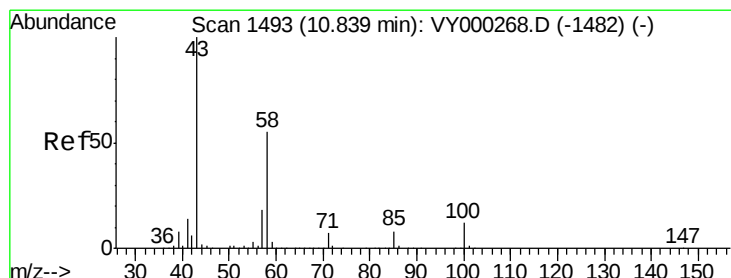
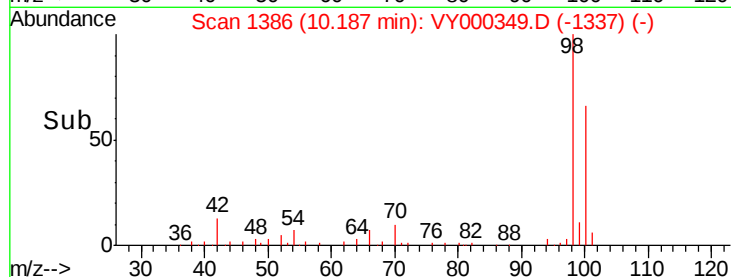
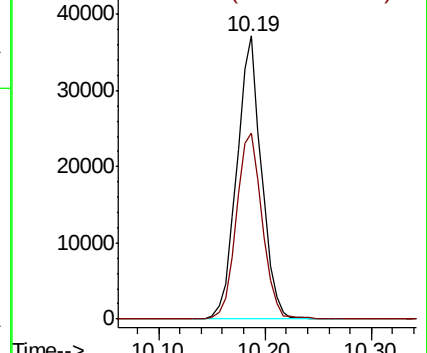
98 100

100 69.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#59

2-Hexanone

Concen: 1.980 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VY000349.D

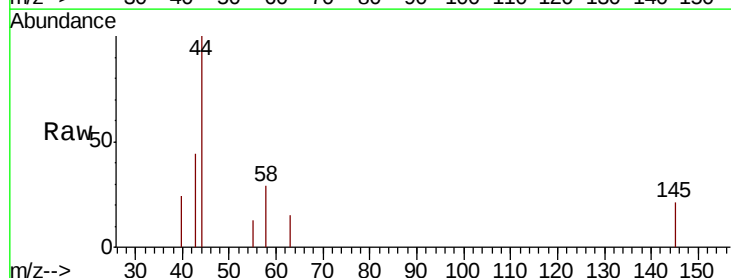
Acq: 18 Oct 2019 13:52

Tgt Ion: 43 Resp: 449

Ion Ratio Lower Upper

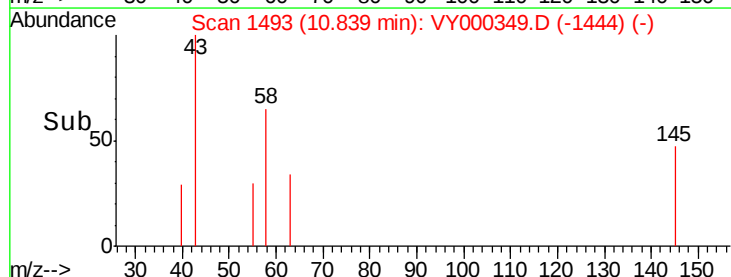
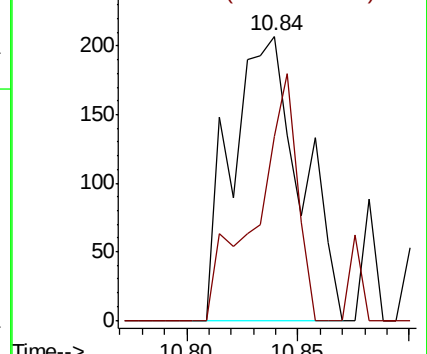
43 100

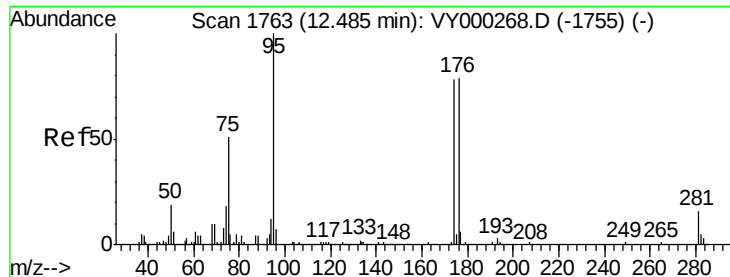
58 51.9 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

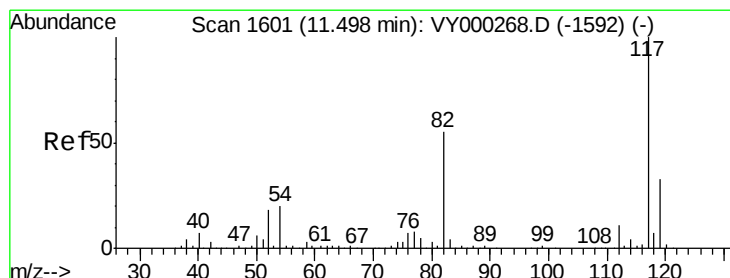
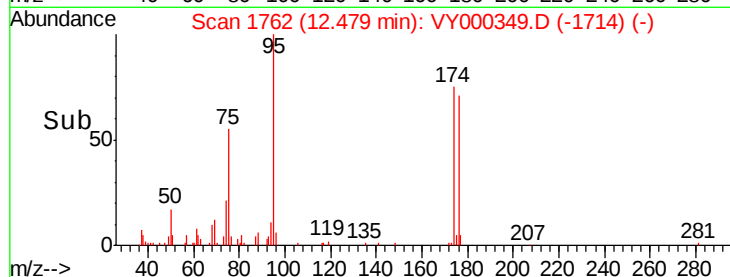
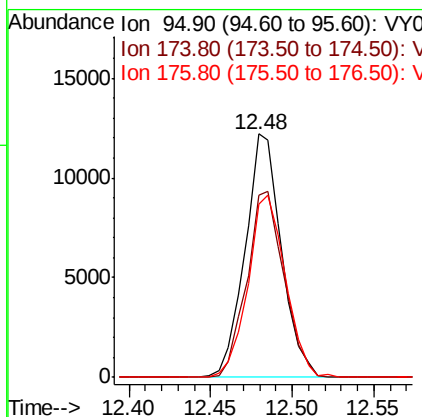
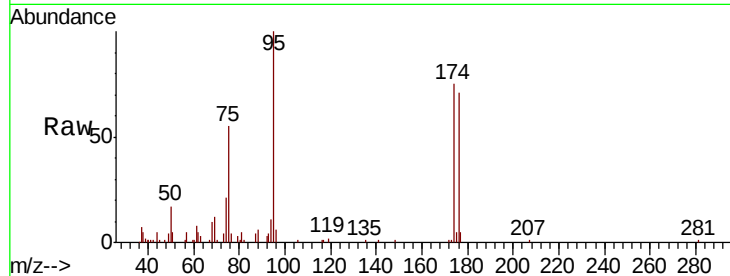




#62
4-Bromofluorobenzene
Concen: 37.754 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000349.D
Acq: 18 Oct 2019 13:52

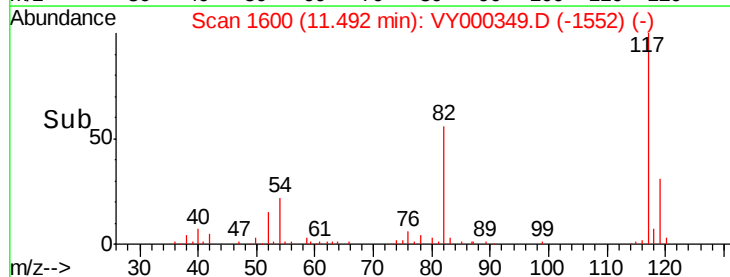
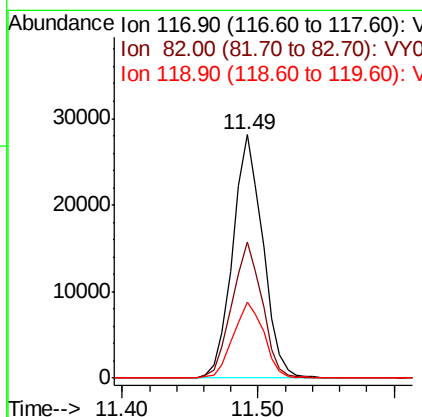
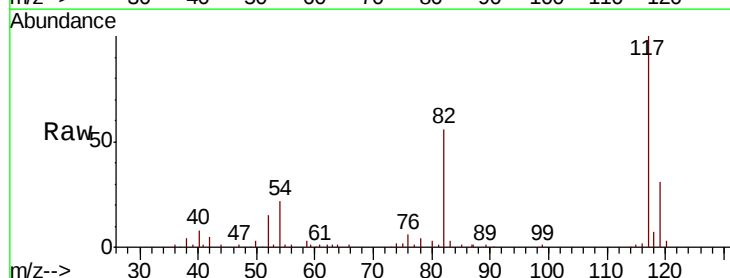
Instrument :
MSVOA_Y
ClientSampleId :

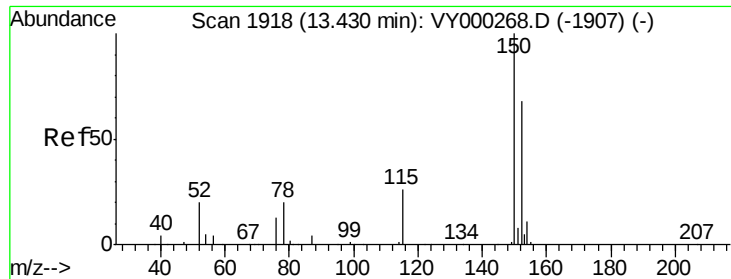
Tot Ion: 95 Resp: 18910
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.6
176 77.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000349.D
Acq: 18 Oct 2019 13:52

Tgt Ion: 117 Resp: 43384
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 31.2 26.6 39.8



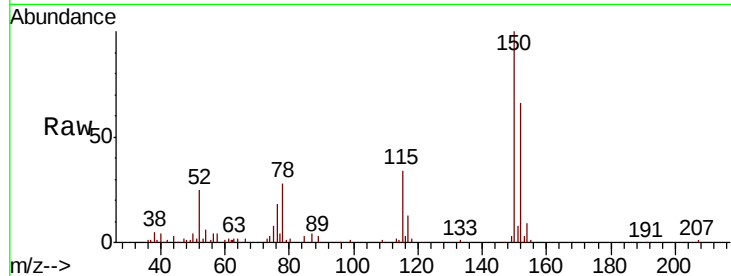


#72

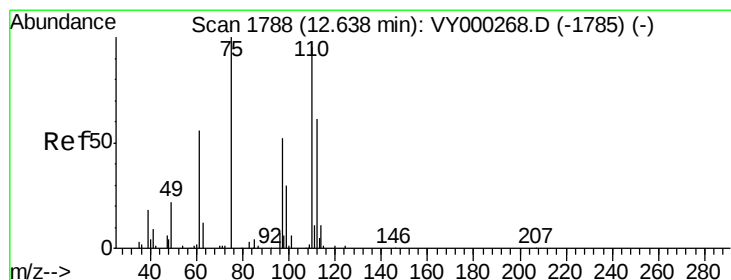
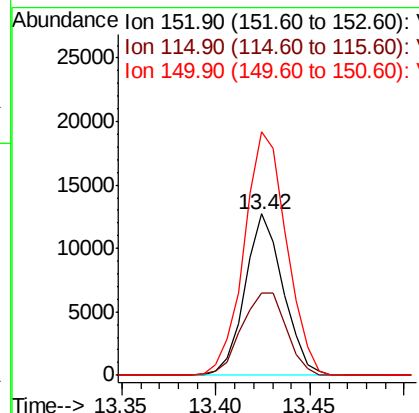
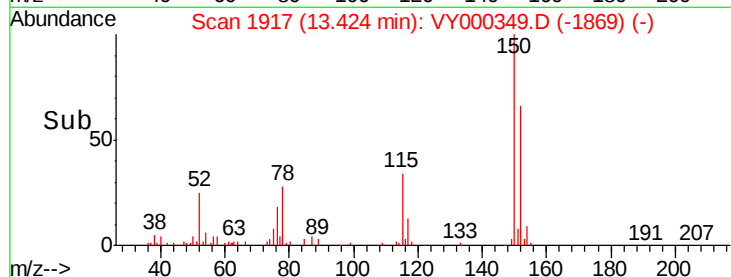
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000349.D
Acq: 18 Oct 2019 13:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 17885
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 166.9 0.0 348.4



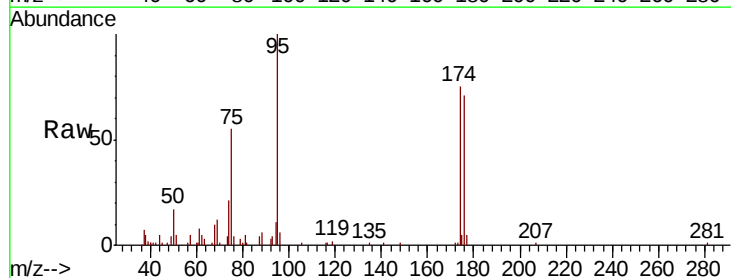
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



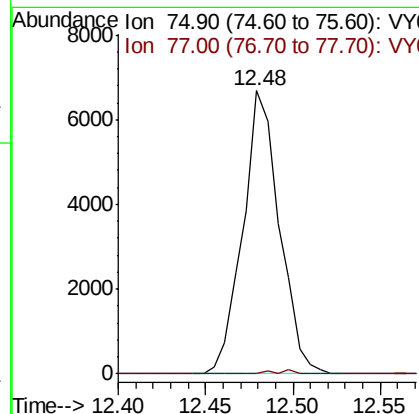
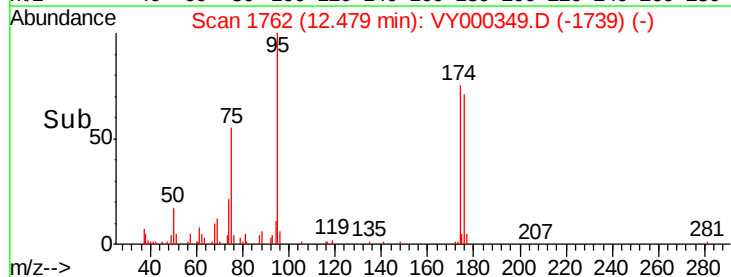
#76

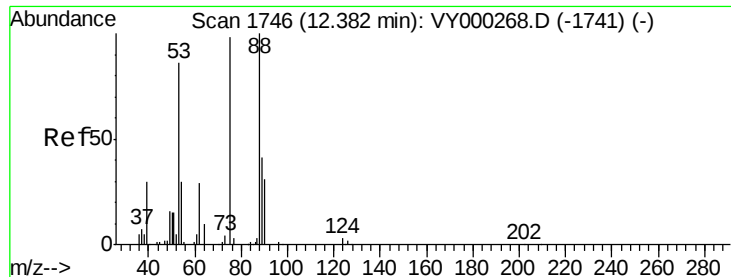
1,2,3-Trichloropropane
Concen: 44.124 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000349.D
Acq: 18 Oct 2019 13:52

Tgt Ion: 75 Resp: 9704
Ion Ratio Lower Upper
75 100
77 0.6 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: 96.542 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000349.D

Acq: 18 Oct 2019 13:52

Instrument :

MSVOA_Y

ClientSampleId :

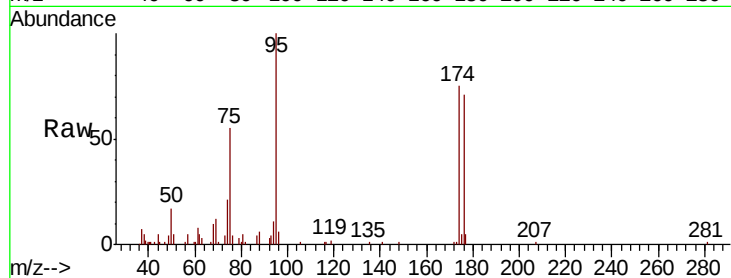
Tot Ion: 75 Resp: 9704

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

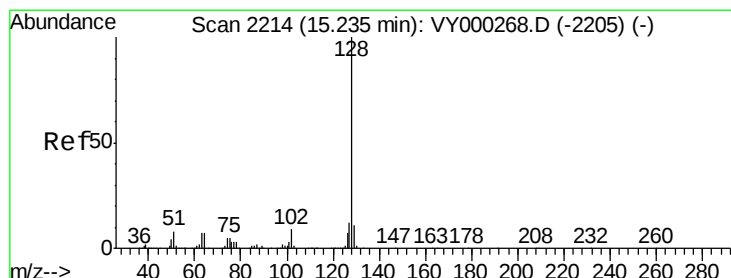
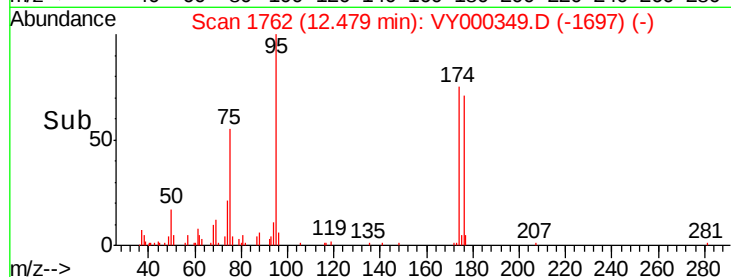
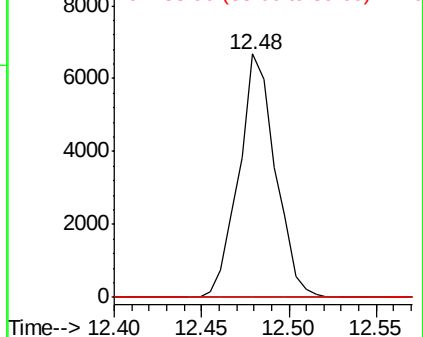
89 0.0 35.1 52.7#



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



#95

Naphthalene

Concen: 2.775 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000349.D

Acq: 18 Oct 2019 13:52

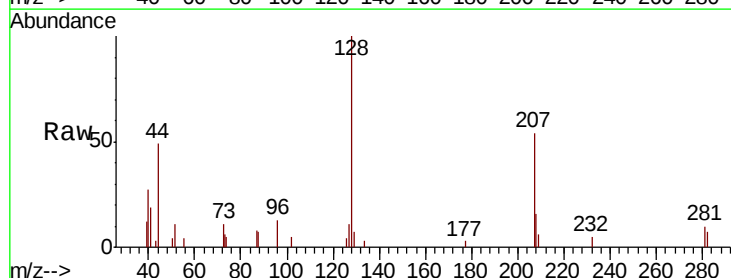
Tgt Ion: 128 Resp: 2386

Ion Ratio Lower Upper

128 100

127 9.6 9.6 14.4

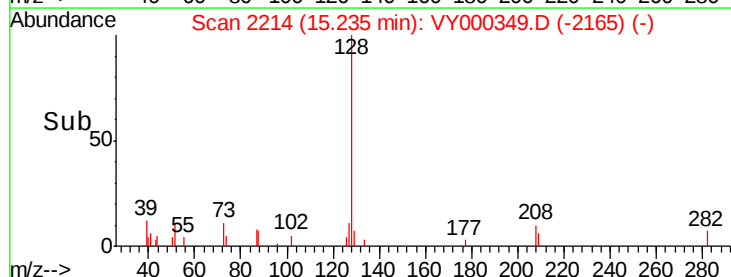
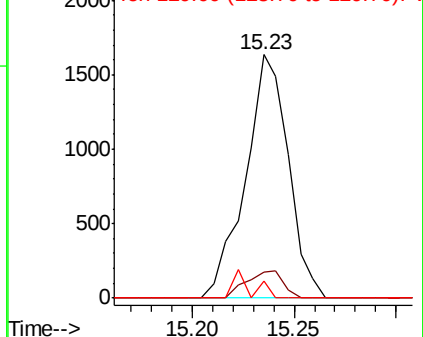
129 4.7 8.7 13.1#

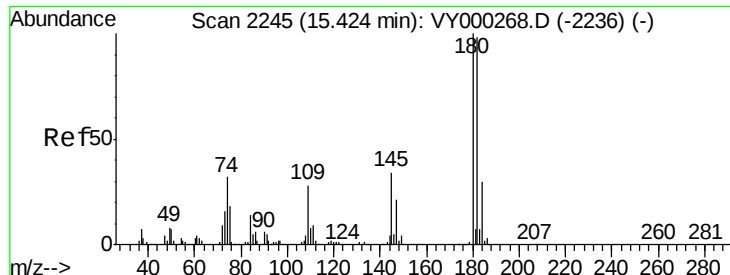


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

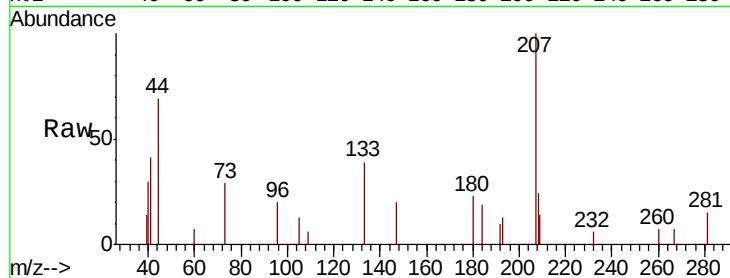




#96
 1,2,3-Trichlorobenzene
 Concen: 1.094 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VY000349.D
 Acq: 18 Oct 2019 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	20.8	46.5	139.5#
145	0.0	16.2	48.5#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

