

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000347.D
 Acq On : 18 Oct 2019 13:06
 Operator : SY/MD
 Sample : K5420-03
 Misc : 6.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:53:28 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	283303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	476856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	154794	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.74	113	136159	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	10.19	98	550991	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.48	95	179414	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

Target Compounds

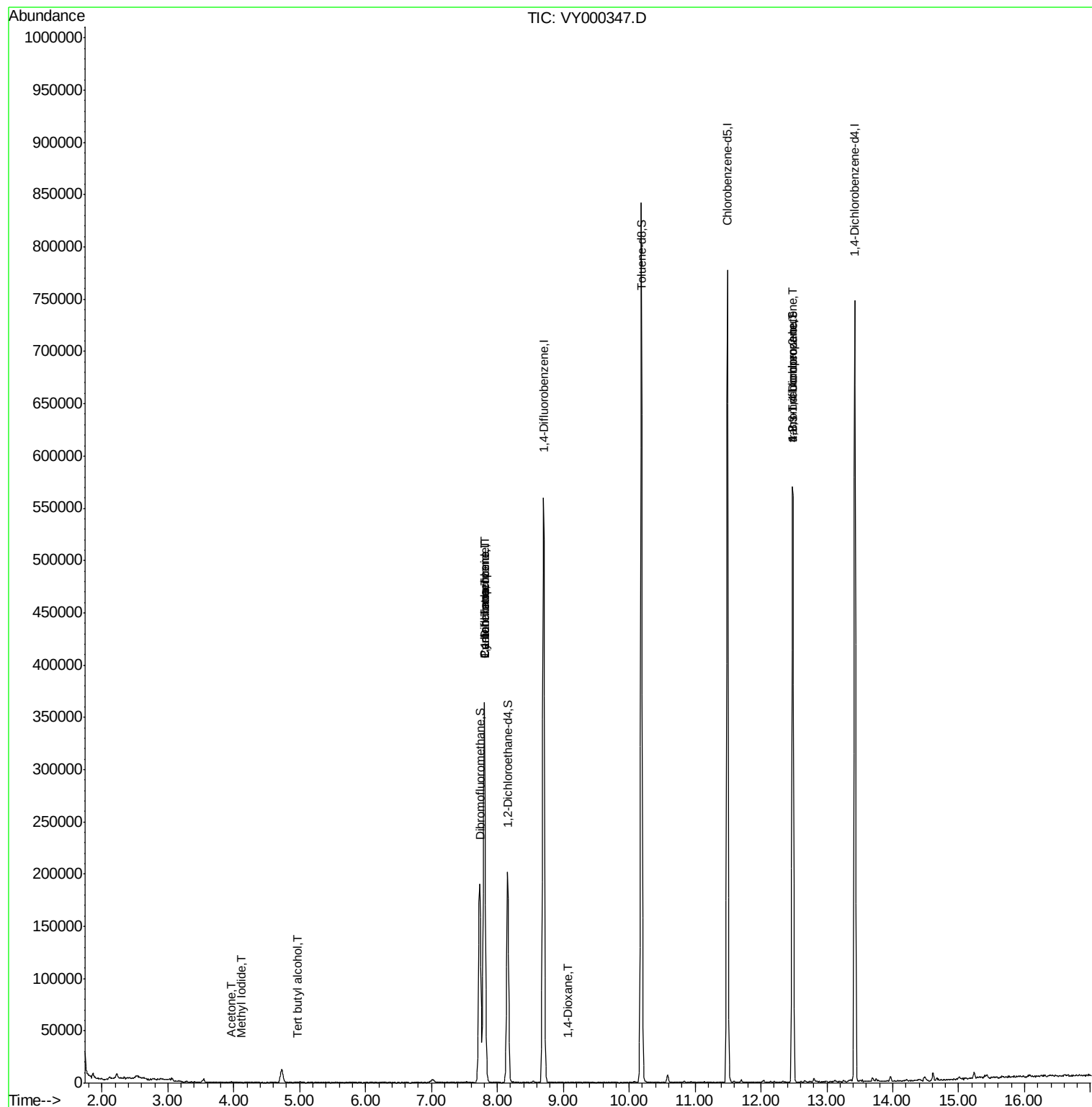
					Qvalue
2) Dichlorodifluoromethane	1.90	85	38	Below Cal	# 41
10) Methyl Iodide	4.10	142	88	1.207 ug/l	# 41
11) Tert butyl alcohol	4.98	59	1177	3.764 ug/l	# 73
16) Acetone	3.97	43	1476	1.525 ug/l	# 80
20) Methylene Chloride	4.72	84	9065	Below Cal	98
31) Cyclohexane	7.80	56	6097	1.066 ug/l	# 10
36) 1,1-Dichloropropene	7.80	75	22630	4.847 ug/l	# 48
38) Carbon Tetrachloride	7.80	117	28058	6.207 ug/l	# 17
49) 1,4-Dioxane	9.08	88	28	1.009 ug/l	# 1
76) 1,2,3-Trichloropropane	12.48	75	96598	43.886 ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	96598	96.021 ug/l	# 14

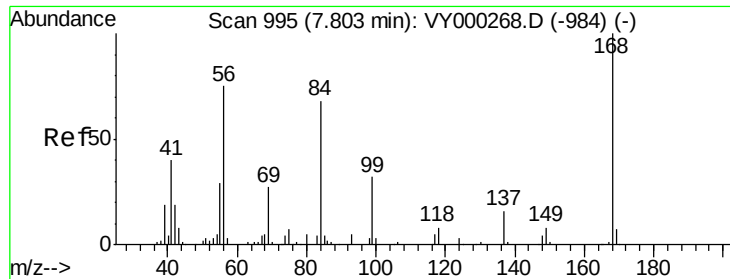
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
Data File : VY000347.D
Acq On : 18 Oct 2019 13:06
Operator : SY/MD
Sample : K5420-03
Misc : 6.21G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:53:28 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: VY000347.D

Acq: 18 Oct 2019 13:06

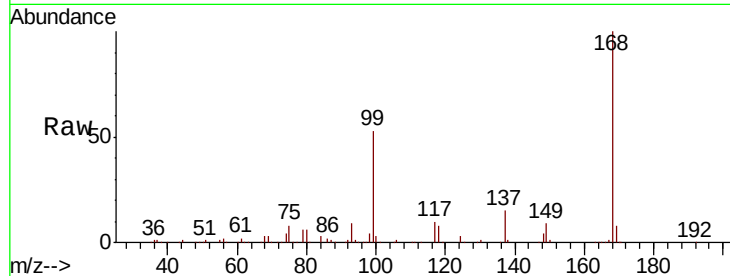
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 283303

Ion Ratio Lower Upper

168 100

99 53.3 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) (-)

7.80

150000

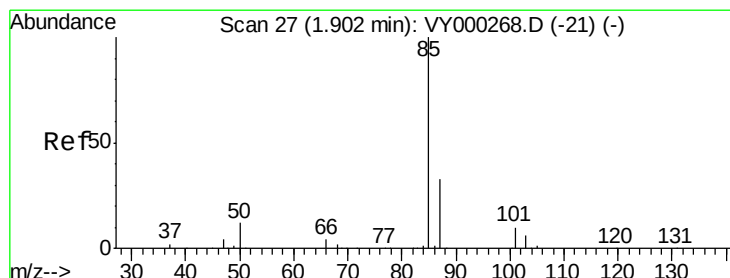
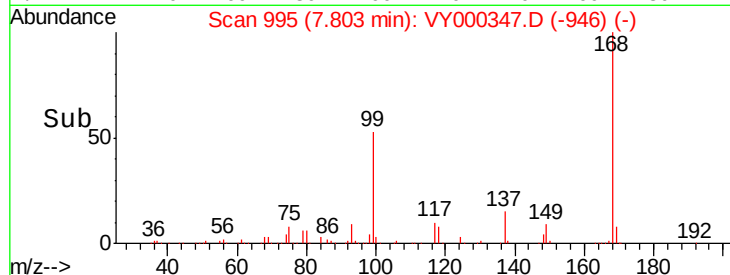
100000

50000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000347.D

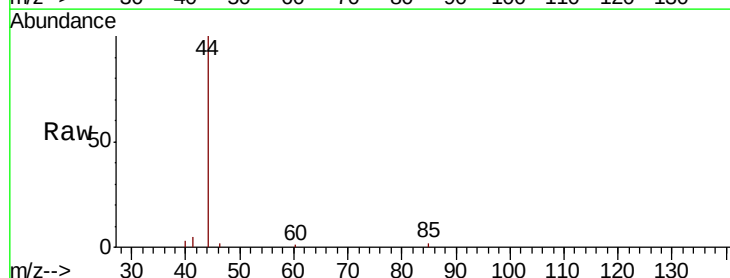
Acq: 18 Oct 2019 13:06

Tgt Ion: 85 Resp: 38

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

120

100

80

60

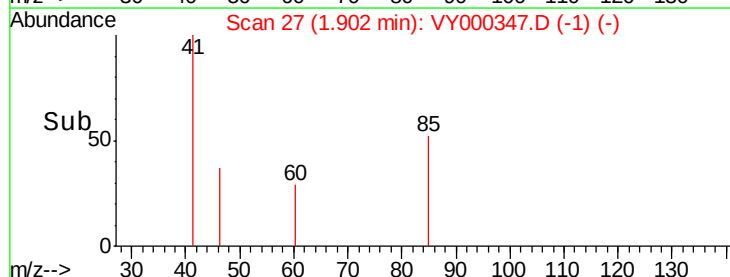
40

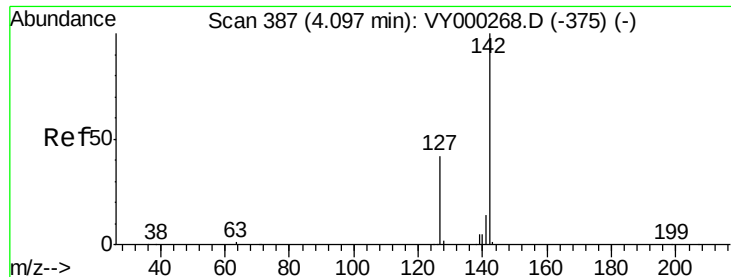
20

0

Time-->

1.88 1.89 1.90 1.91 1.92

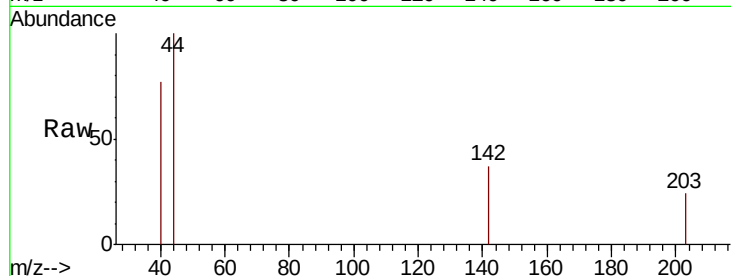




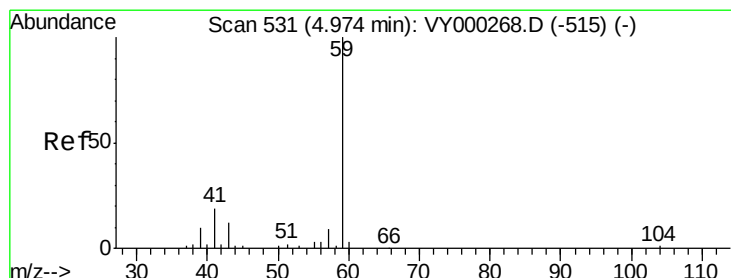
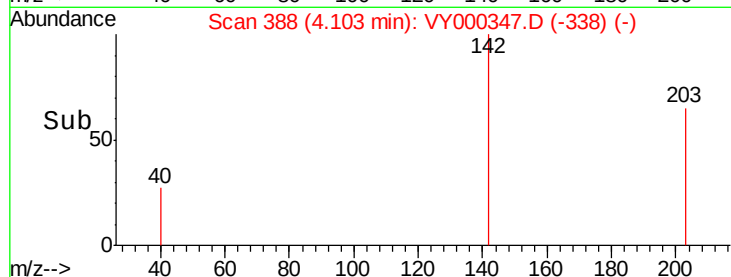
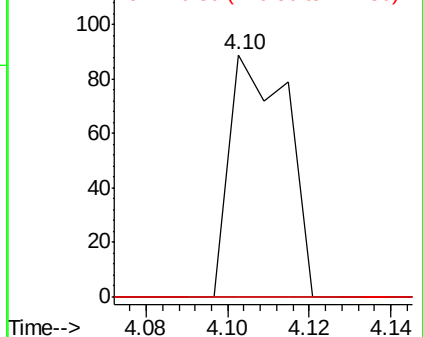
#10
Methyl Iodide
Concen: 1.207 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 142 Resp: 88
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

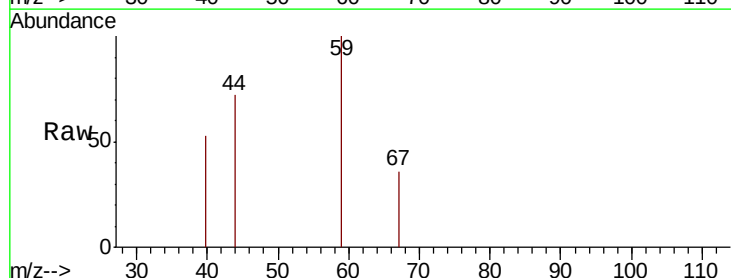


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

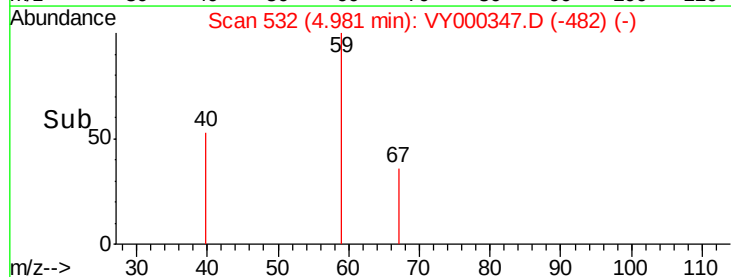
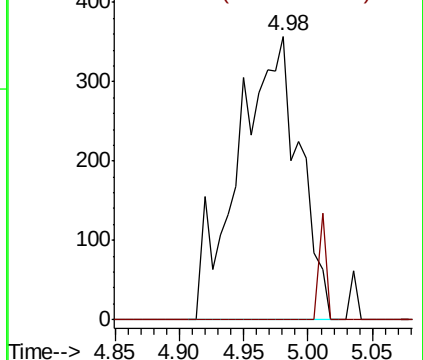


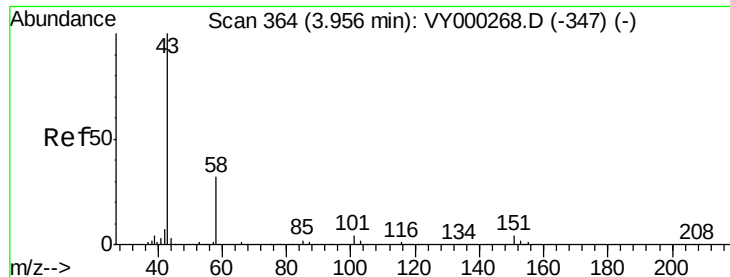
#11
Tert butyl alcohol
Concen: 3.764 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 59 Resp: 1177
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: 1.525 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000347.D

Acq: 18 Oct 2019 13:06

Instrument :

MSVOA_Y

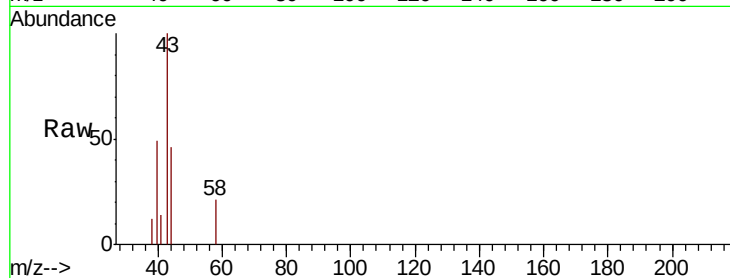
ClientSampleId :

Tot Ion: 43 Resp: 1476

Ion Ratio Lower Upper

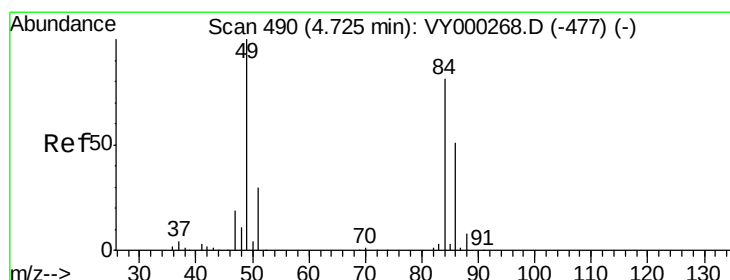
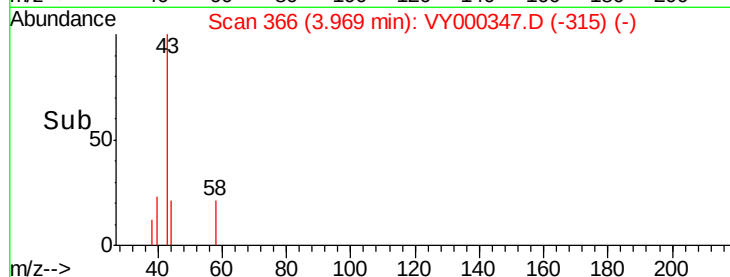
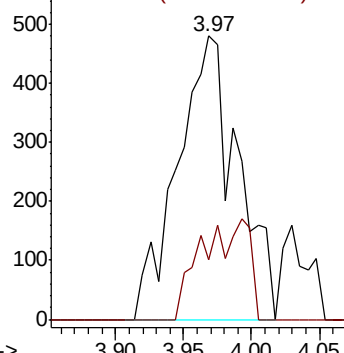
43 100

58 21.0 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: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000347.D

Acq: 18 Oct 2019 13:06

Tgt Ion: 84 Resp: 9065

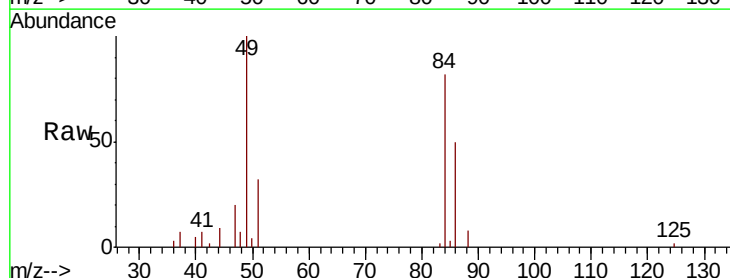
Ion Ratio Lower Upper

84 100

49 121.8 99.0 148.4

51 38.7 29.3 43.9

86 61.3 50.2 75.4

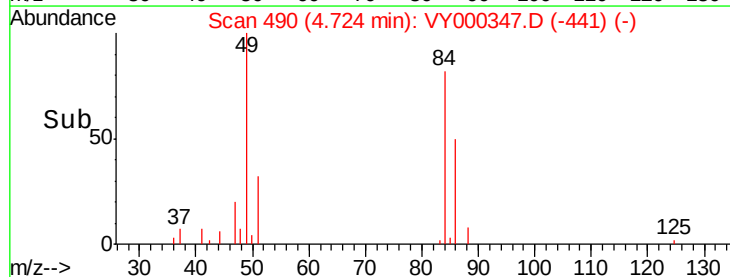
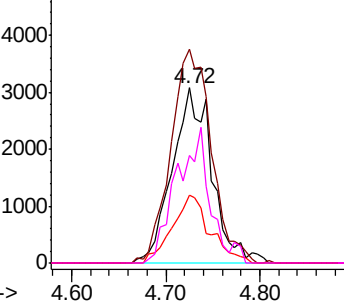


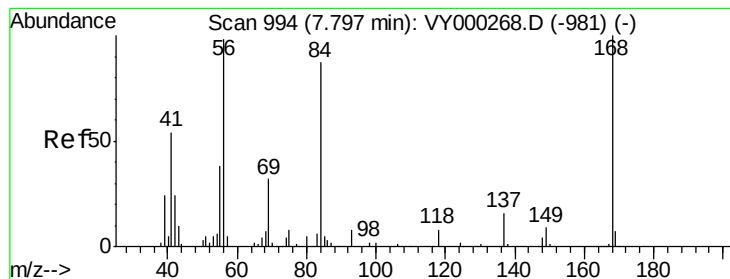
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 1.066 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000347.D

Acq: 18 Oct 2019 13:06

Instrument :

MSVOA_Y

ClientSampleId :

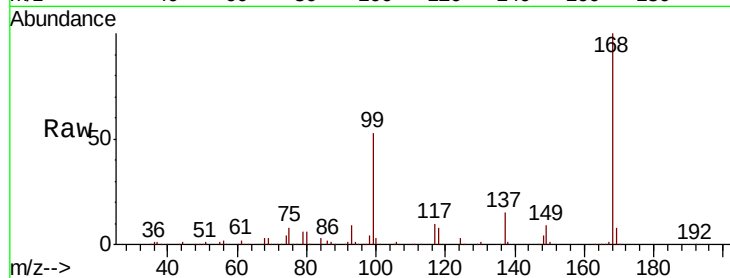
Tot Ion: 56 Resp: 6097

Ion Ratio Lower Upper

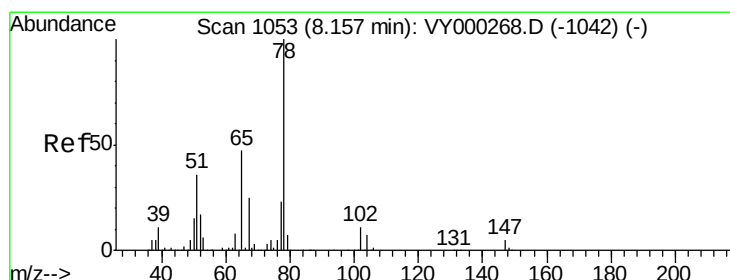
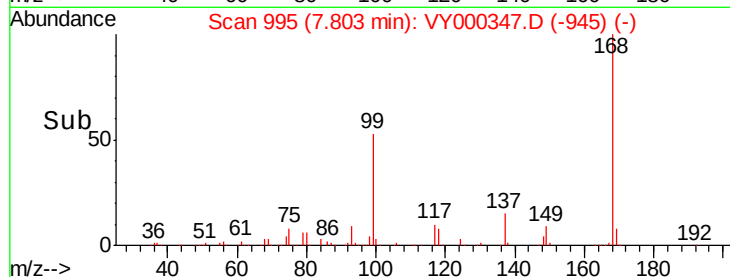
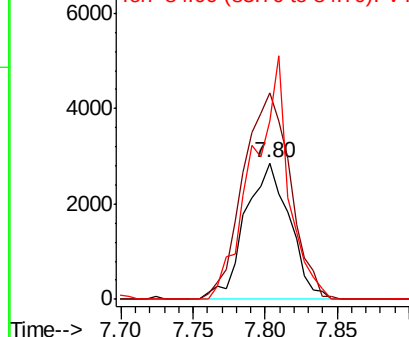
56 100

69 151.4 26.3 39.5#

84 130.6 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: 51.798 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000347.D

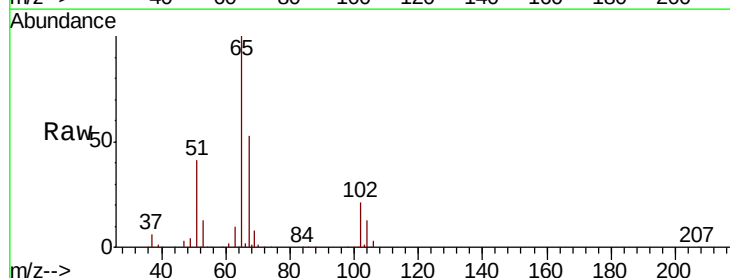
Acq: 18 Oct 2019 13:06

Tgt Ion: 65 Resp: 154794

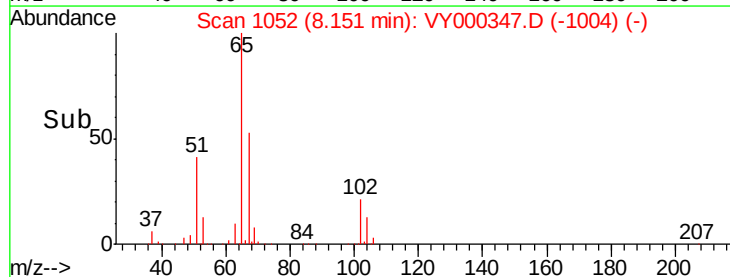
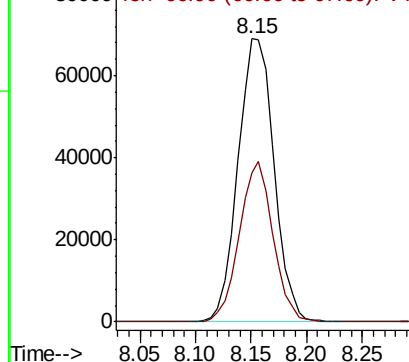
Ion Ratio Lower Upper

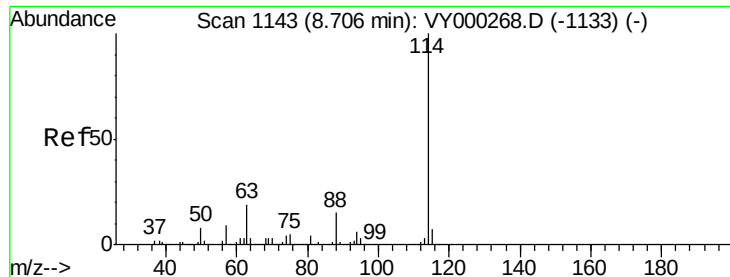
65 100

67 52.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

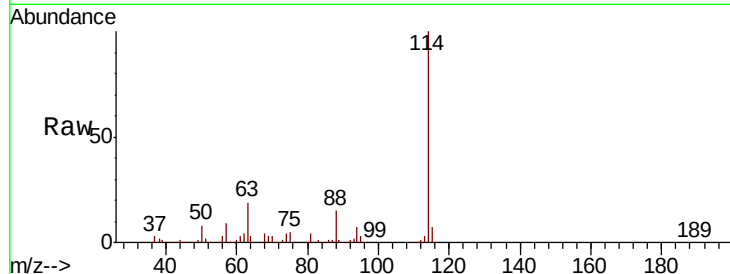




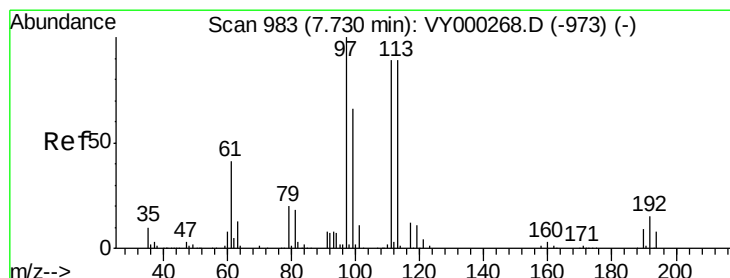
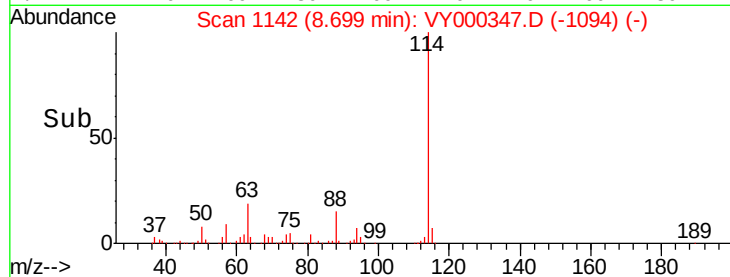
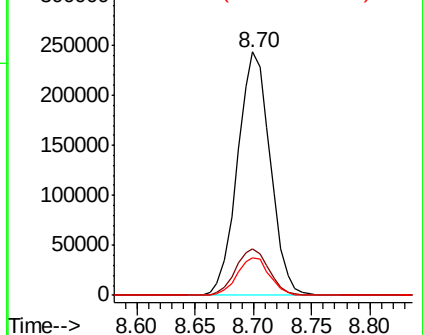
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000347.D
 Acq: 18 Oct 2019 13:06

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.2
88	15.2	0.0	30.2

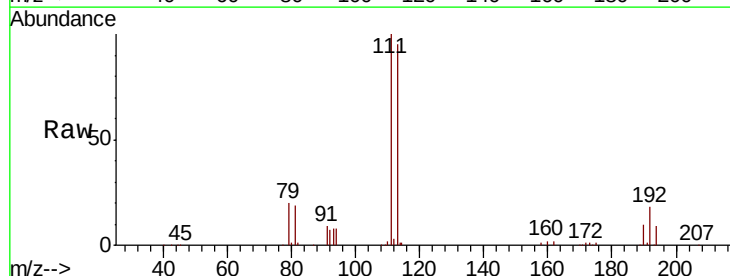


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

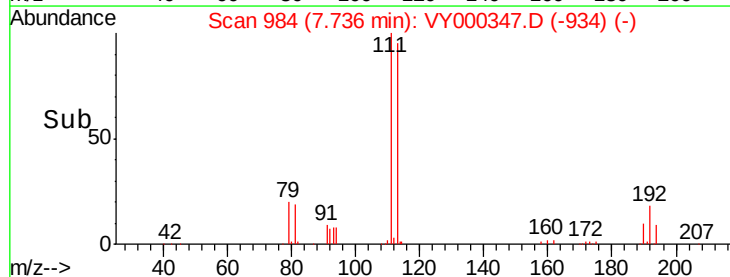
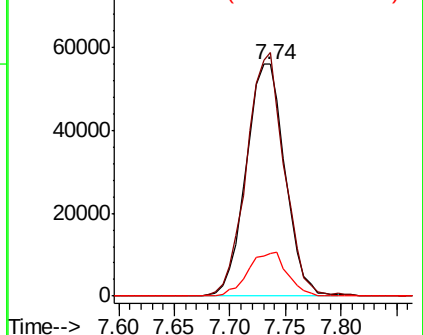


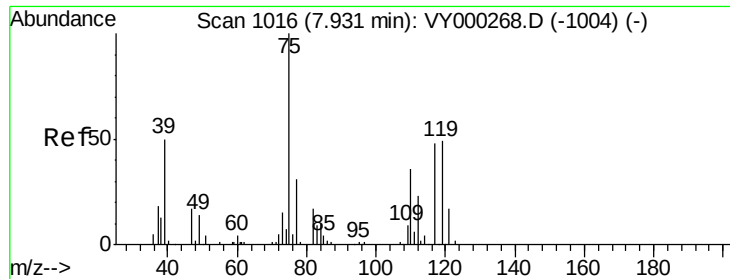
#35
 Dibromofluoromethane
 Concen: 47.336 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000347.D
 Acq: 18 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	19.1	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

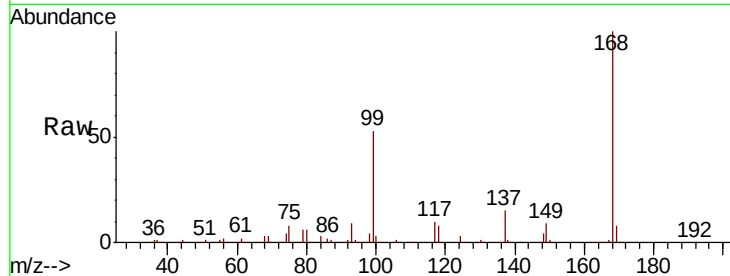




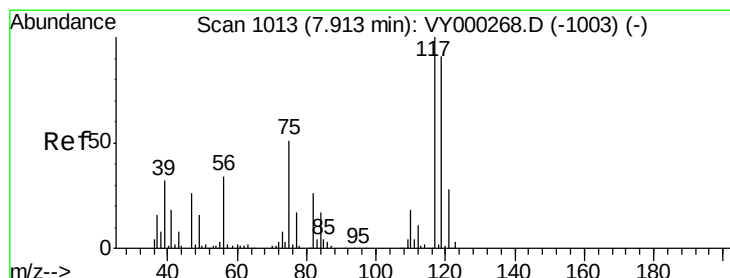
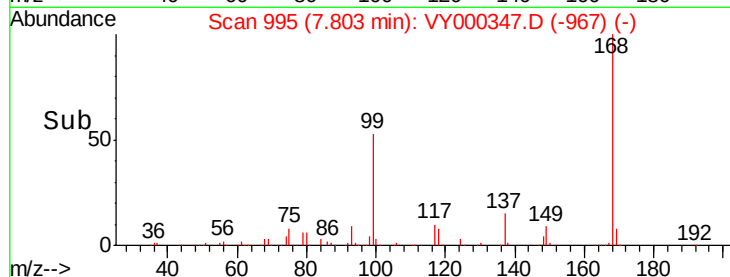
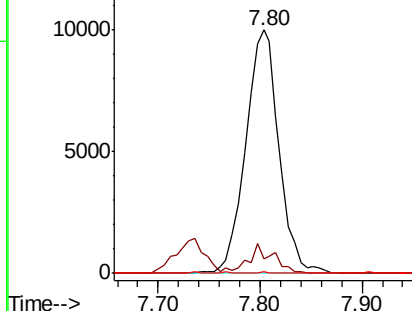
#36
 1,1-Dichloropropene
 Concen: 4.847 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000347.D
 Acq: 18 Oct 2019 13:06

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.4#
77	0.1	25.0	37.6#

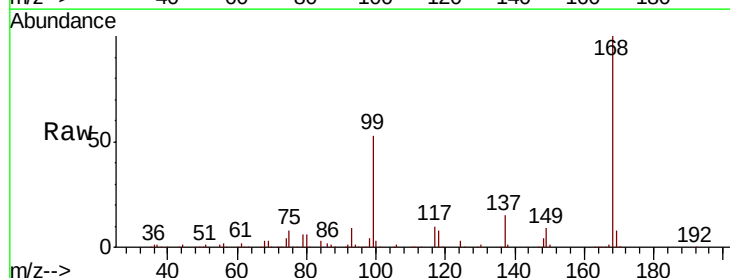


Abundance Ion 74.90 (74.60 to 75.60): VY000347.D (-967) (-)
 Ion 109.90 (109.60 to 110.60): VY000347.D (-967) (-)
 Ion 76.90 (76.60 to 77.60): VY000347.D (-967) (-)

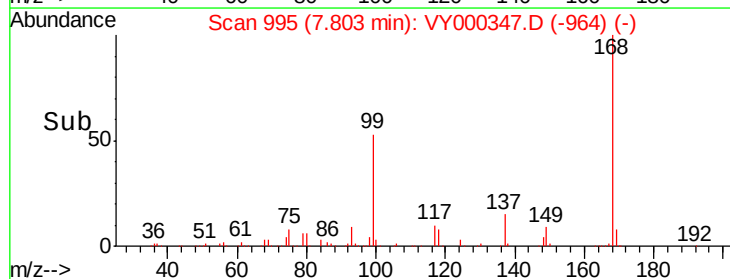
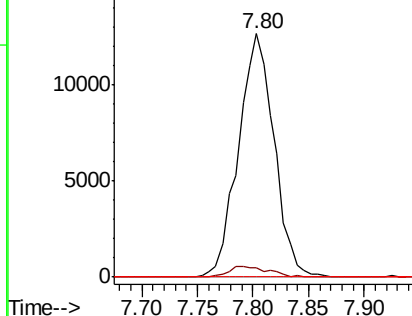


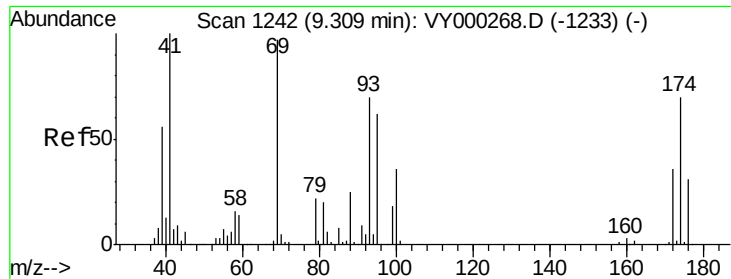
#38
 Carbon Tetrachloride
 Concen: 6.207 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000347.D
 Acq: 18 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	72.8	109.2#
121	0.0	22.2	33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY000347.D (-964) (-)
 Ion 118.80 (118.50 to 119.50): VY000347.D (-964) (-)
 Ion 120.80 (120.50 to 121.50): VY000347.D (-964) (-)





#49

1,4-Dioxane

Concen: 1.009 ug/l

RT: 9.08 min Scan# 1204

Delta R.T. -0.23 min

Lab File: VY000347.D

Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampled :

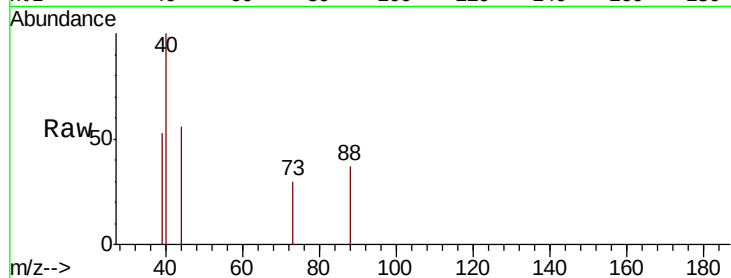
Tot Ion: 88 Resp: 28

Ion Ratio Lower Upper

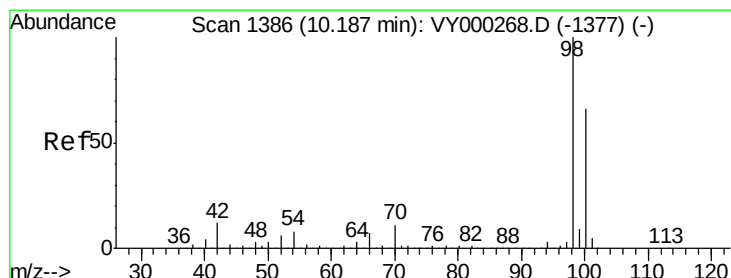
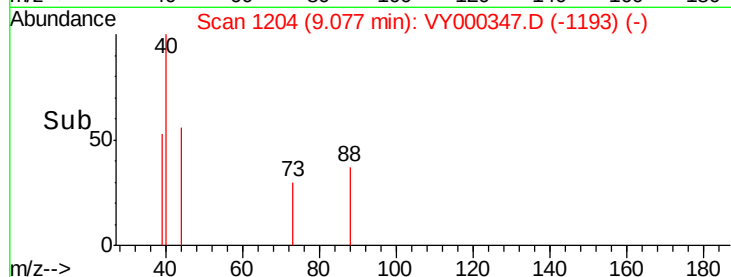
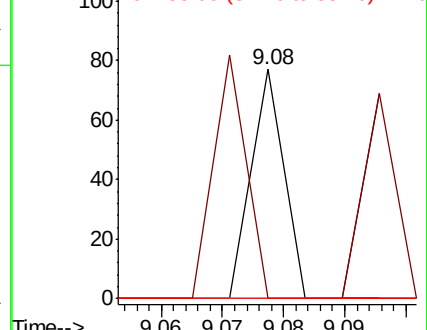
88 100

43 107.1 25.6 38.4#

58 0.0 54.6 81.8#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000347.D

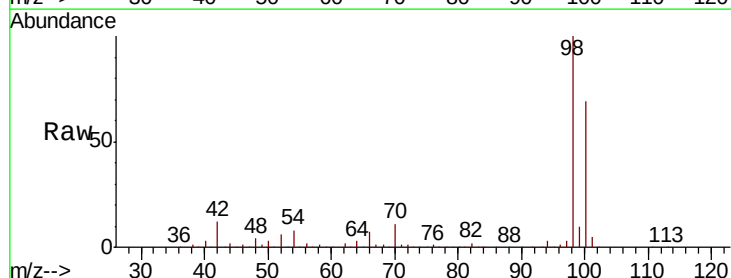
Acq: 18 Oct 2019 13:06

Tgt Ion: 98 Resp: 550991

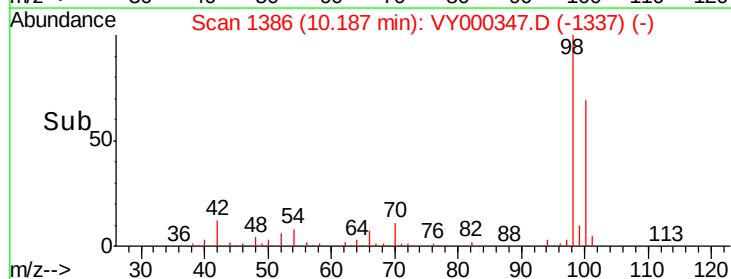
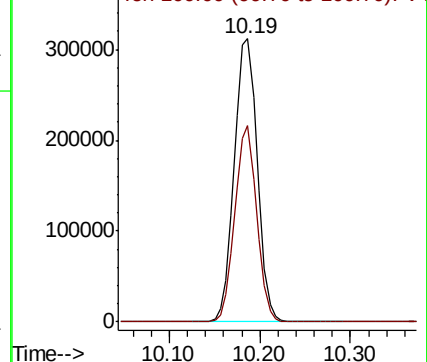
Ion Ratio Lower Upper

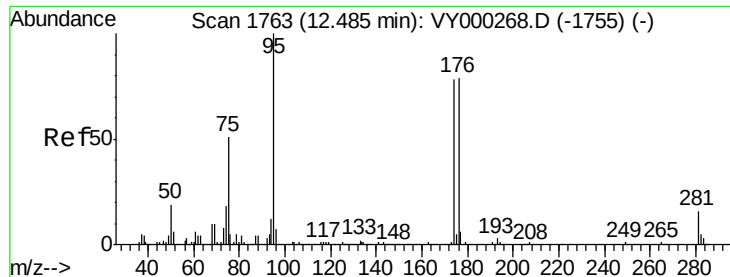
98 100

100 65.6 52.8 79.2



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

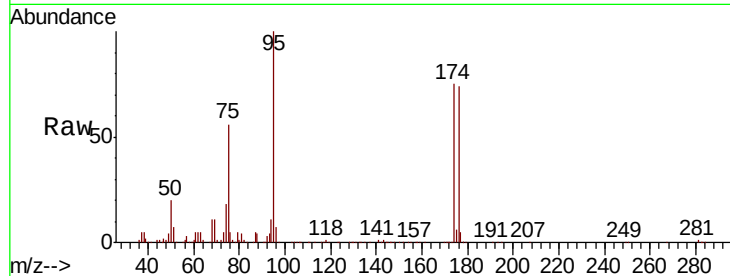




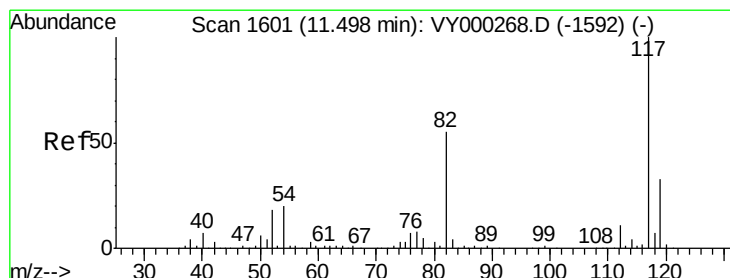
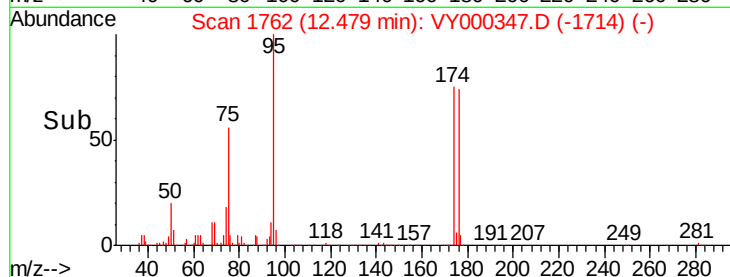
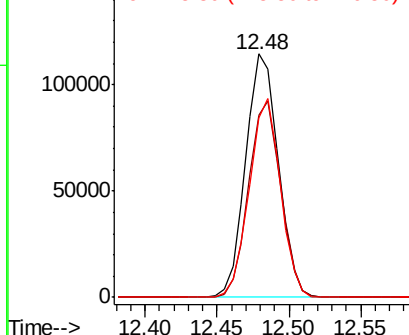
#62
4-Bromofluorobenzene
Concen: 42.680 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 95 Resp: 179414
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.6
176 78.0 0.0 153.8

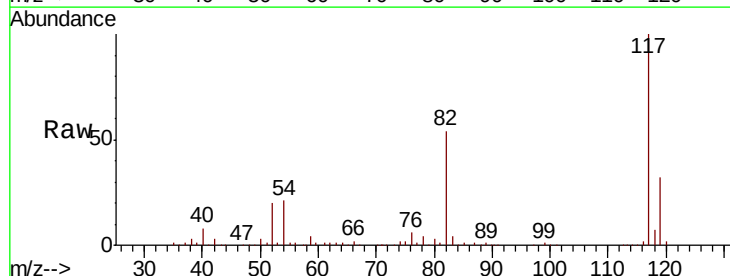


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

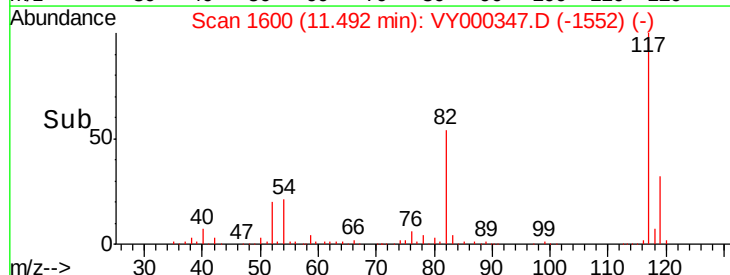
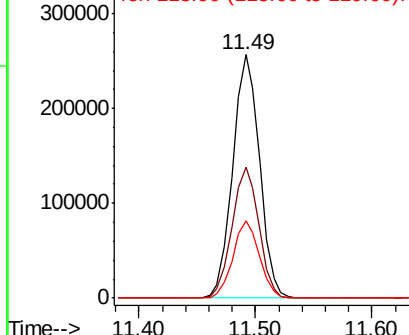


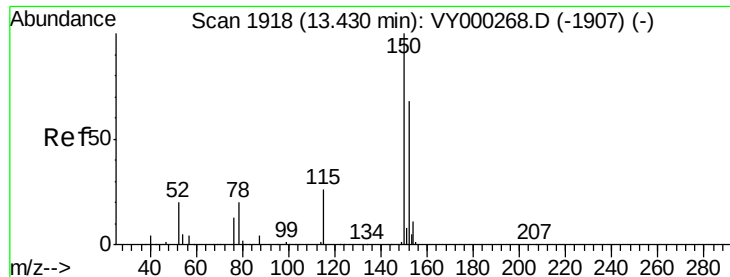
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 117 Resp: 411406
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.6 26.6 39.8



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



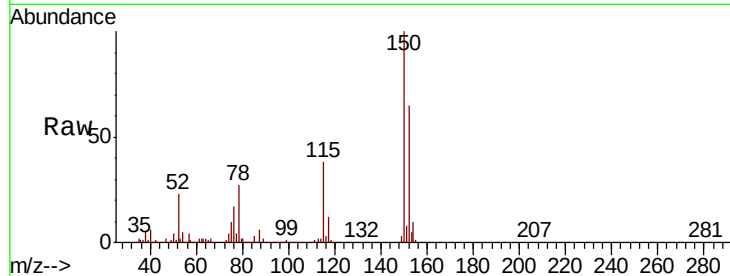


#72

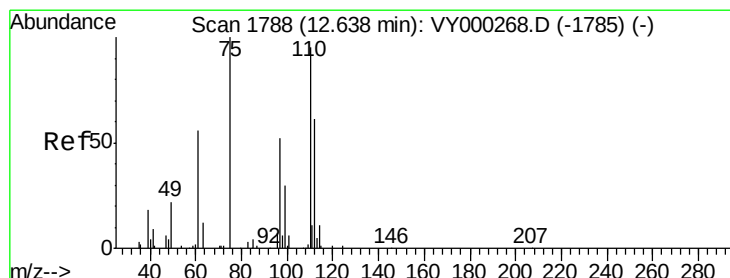
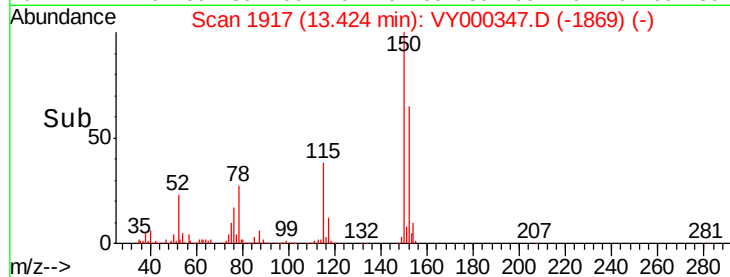
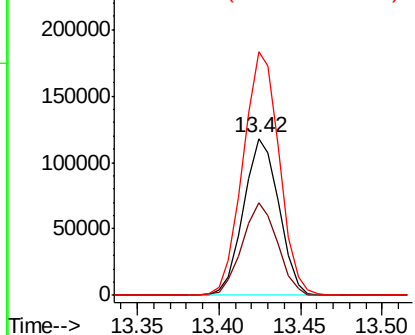
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	158.6	0.0	348.4



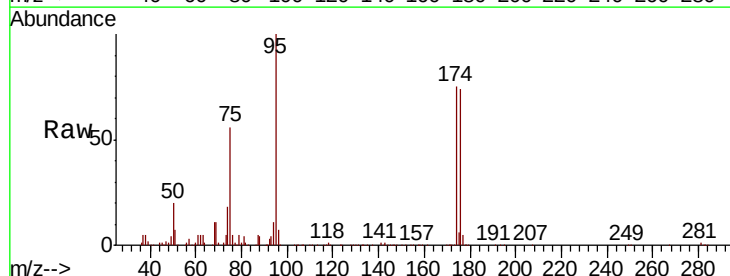
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



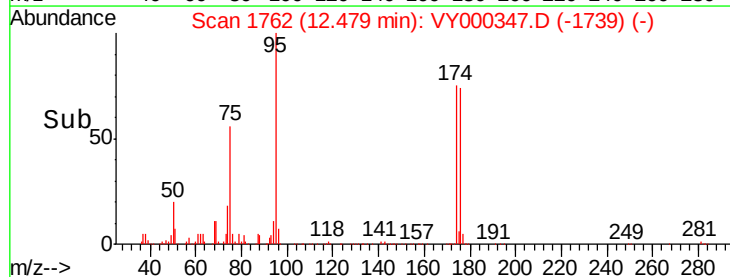
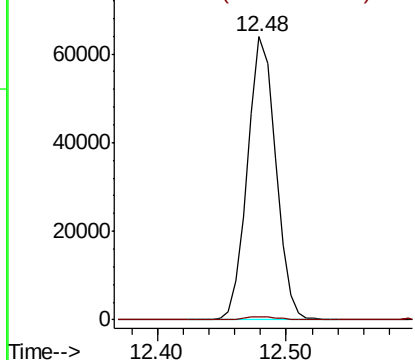
#76

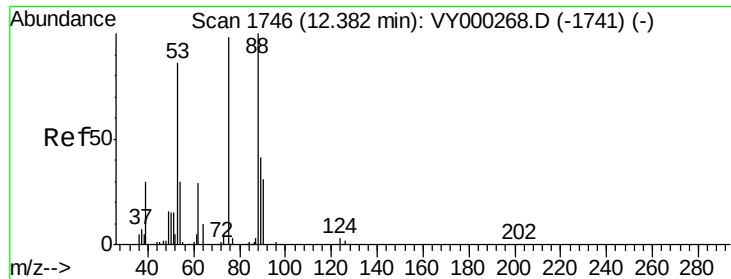
1,2,3-Trichloropropane
Concen: 43.886 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 96.021 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000347.D

Acq: 18 Oct 2019 13:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 96598

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#

