

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001582.D
 Acq On : 10 Feb 2020 13:50
 Operator : SY/MD
 Sample : L1449-03RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 05:58:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	178584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	317579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	130231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	106528	59.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.50%	
35) Dibromofluoromethane	7.74	113	94028	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.19	98	383426	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.49	95	133223	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

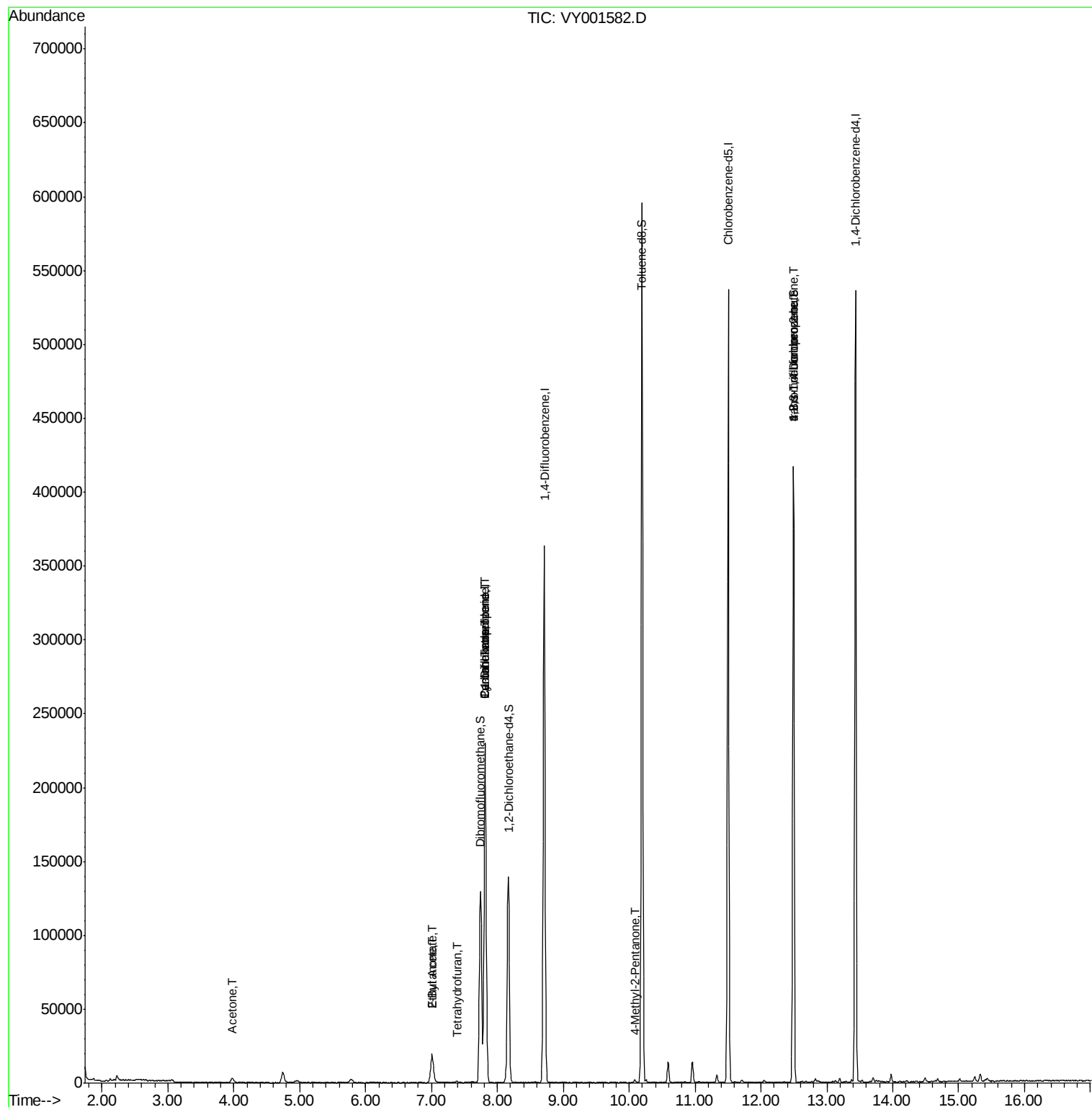
					Qvalue	
11) Tert butyl alcohol	4.95	59	838	Below Cal	#	76
16) Acetone	3.97	43	5505	10.584	ug/l	90
20) Methylene Chloride	4.74	84	5183	Below Cal		93
25) 2-Butanone	7.02	43	3849	5.704	ug/l #	81
29) Tetrahydrofuran	7.38	42	724	1.790	ug/l #	88
31) Cyclohexane	7.81	56	3990	1.140	ug/l #	3
36) 1,1-Dichloropropene	7.81	75	14449	4.973	ug/l #	48
37) Ethyl Acetate	7.02	43	3849	2.737	ug/l #	73
38) Carbon Tetrachloride	7.82	117	17484	6.220	ug/l #	16
51) 4-Methyl-2-Pentanone	10.09	43	1557	1.135	ug/l #	85
76) 1,2,3-Trichloropropane	12.49	75	66745	47.658	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66745	92.215	ug/l #	16

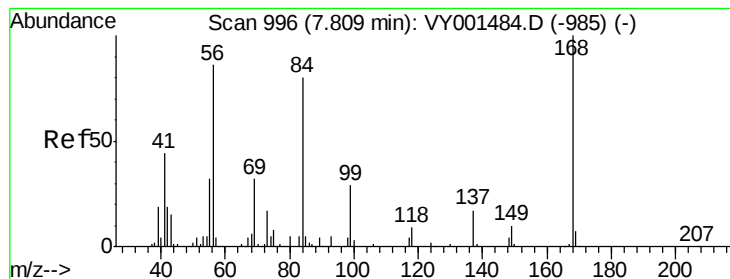
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
Data File : VY001582.D
Acq On : 10 Feb 2020 13:50
Operator : SY/MD
Sample : L1449-03RE
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 11 05:58:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

Instrument :

MSVOA_Y

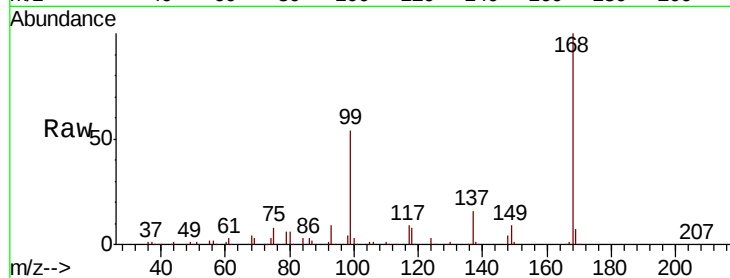
ClientSampleId :

Tot Ion:168 Resp: 178584

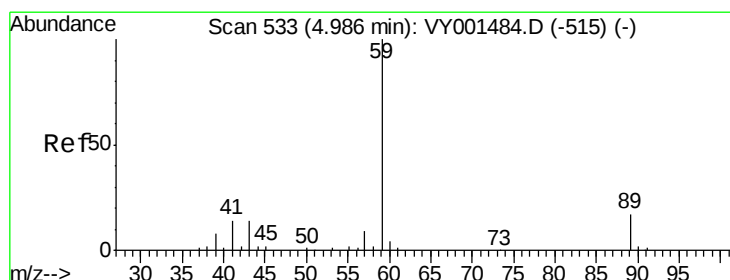
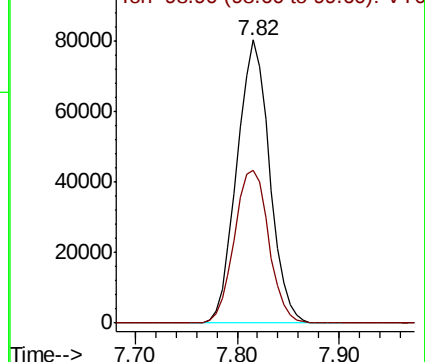
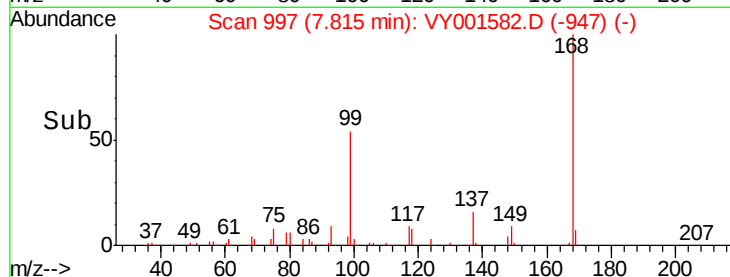
Ion Ratio Lower Upper

168 100

99 54.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001582.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.04 min

Lab File: VY001582.D

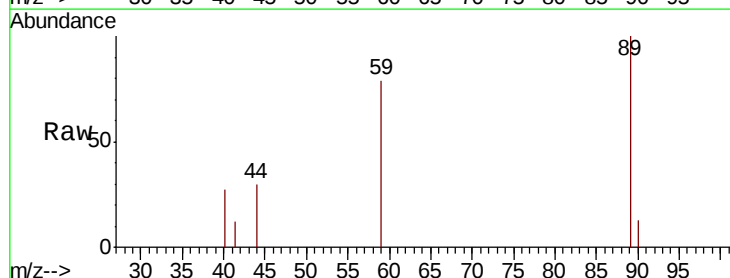
Acq: 10 Feb 2020 13:50

Tgt Ion: 59 Resp: 838

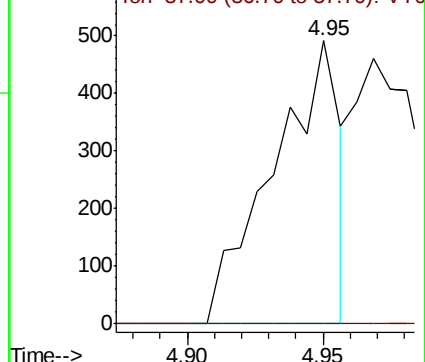
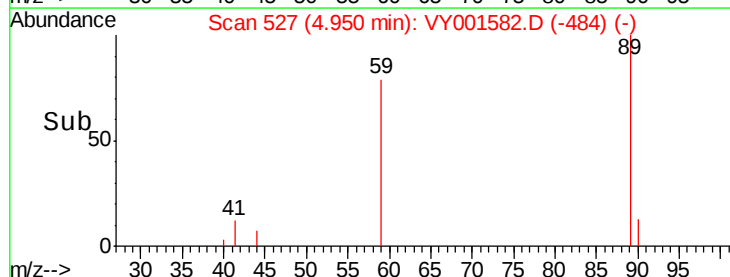
Ion Ratio Lower Upper

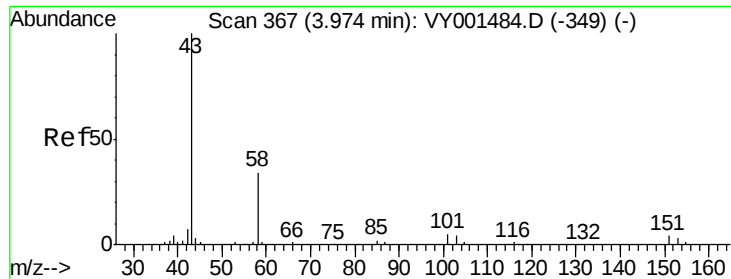
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001582.D (-484) (-)

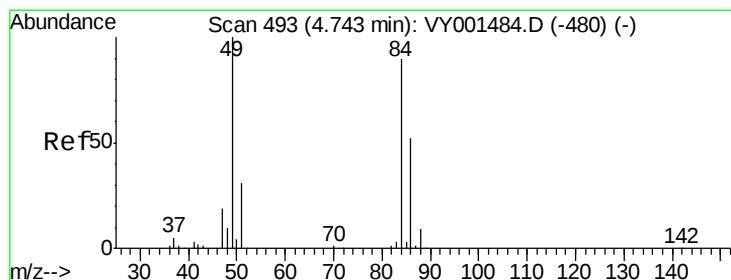
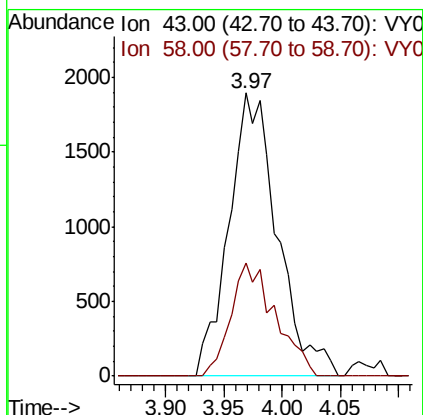
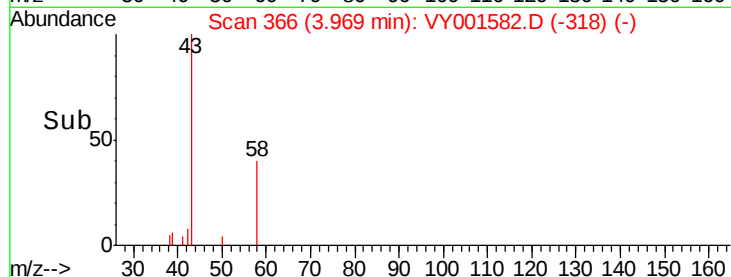
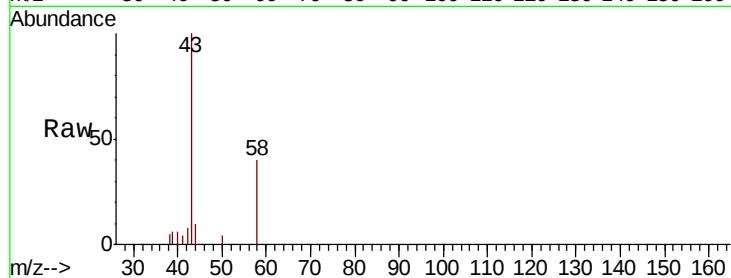




#16
Acetone
Concen: 10.584 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

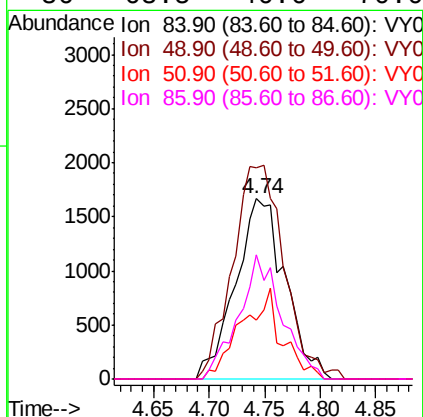
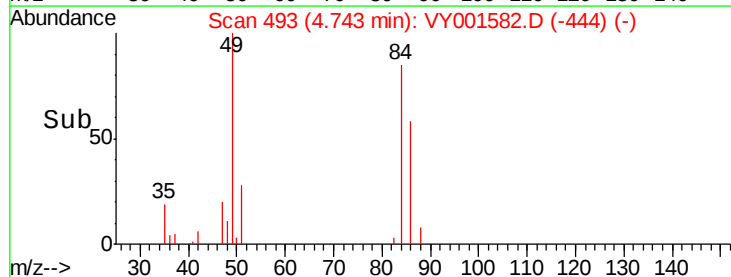
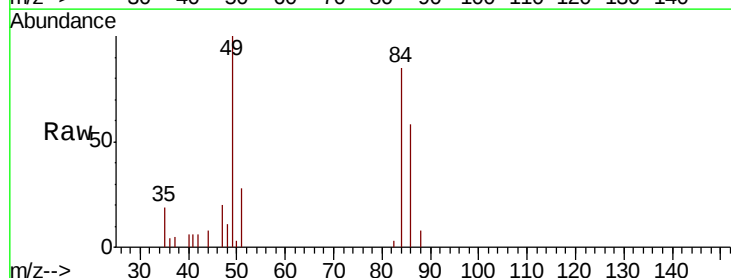
Instrument :
MSVOA_Y
ClientSampled :

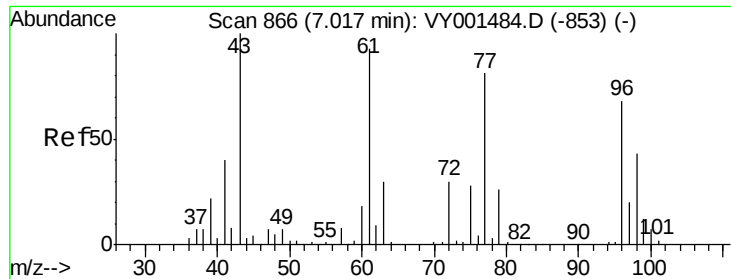
Tot Ion: 43 Resp: 5505
Ion Ratio Lower Upper
43 100
58 40.1 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Tgt Ion: 84 Resp: 5183
Ion Ratio Lower Upper
84 100
49 117.2 89.0 133.6
51 32.6 27.4 41.2
86 68.5 46.6 70.0

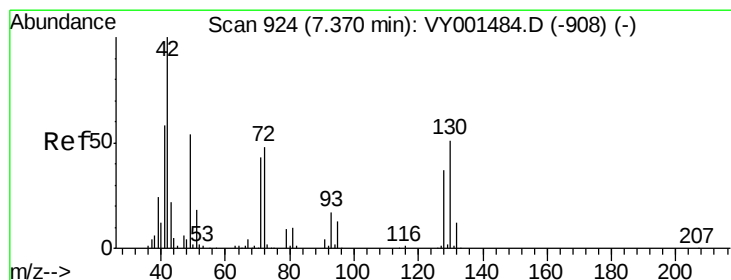
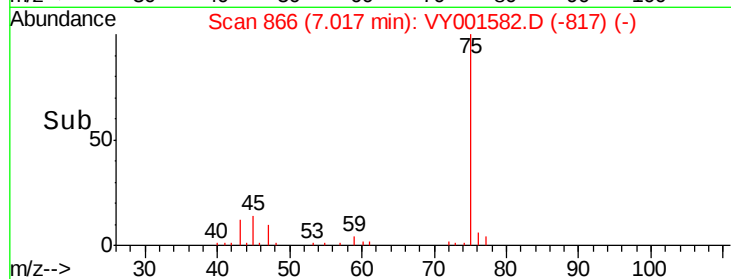
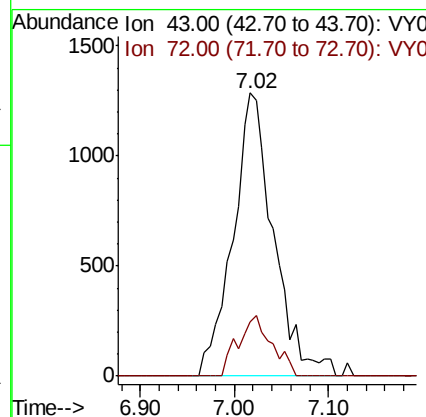
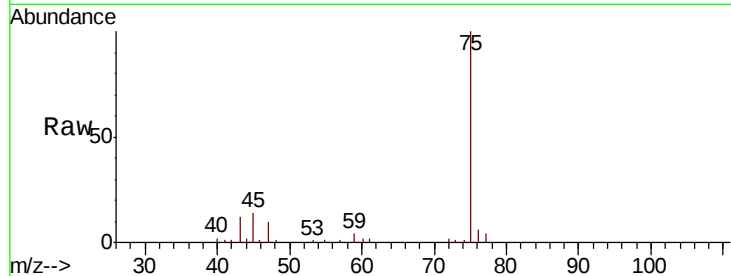




#25
2-Butanone
Concen: 5.704 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

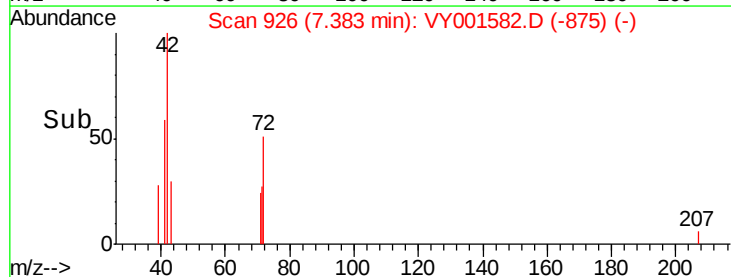
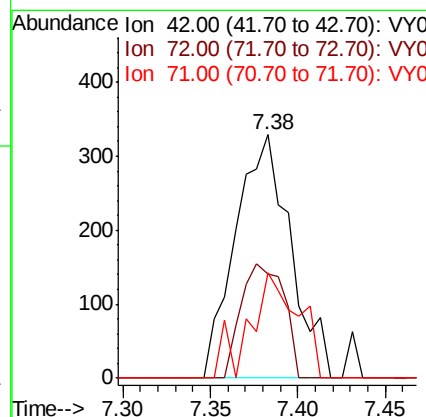
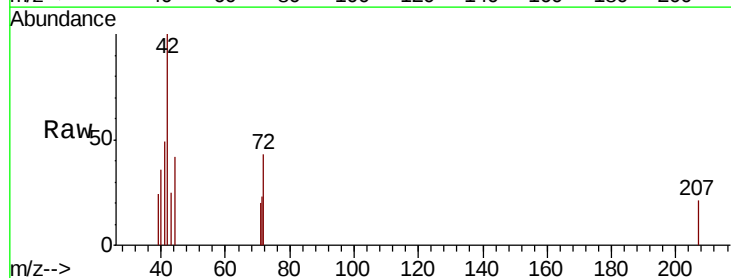
Instrument :
MSVOA_Y
ClientSampled :

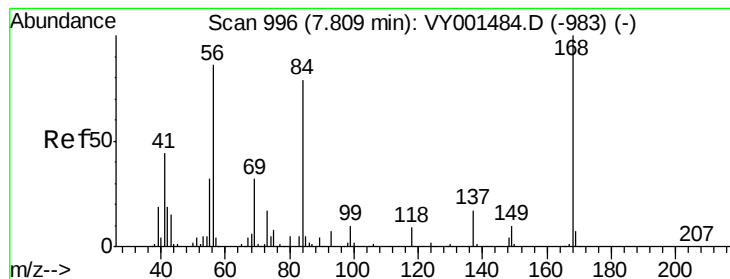
Tot Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
72 19.4 23.8 35.8#



#29
Tetrahydrofuran
Concen: 1.790 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Tgt Ion: 42 Resp: 724
Ion Ratio Lower Upper
42 100
72 36.7 37.8 56.6#
71 38.1 34.8 52.2





#31

Cyclohexane

Concen: 1.140 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

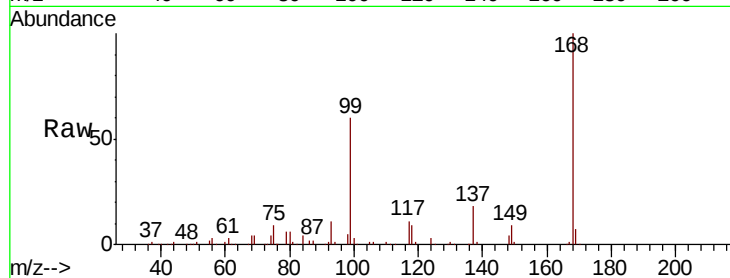
Tot Ion: 56 Resp: 3990

Ion Ratio Lower Upper

56 100

69 159.5 29.6 44.4#

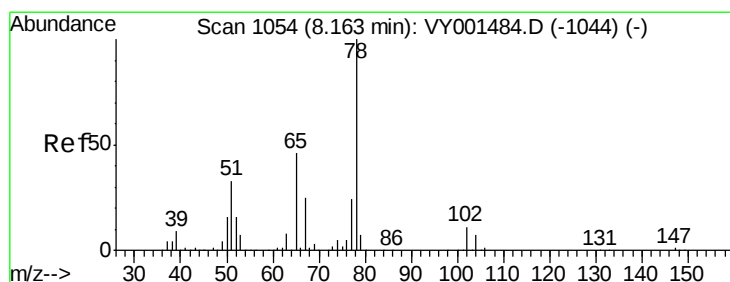
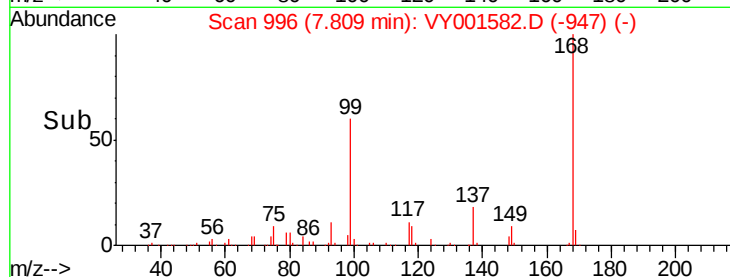
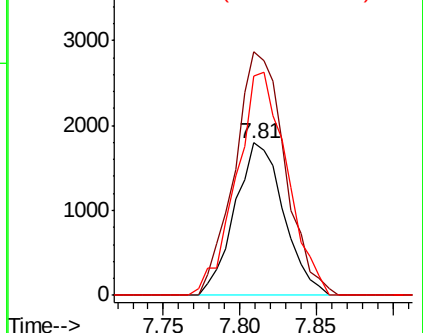
84 143.3 73.6 110.4#



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: 59.245 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001582.D

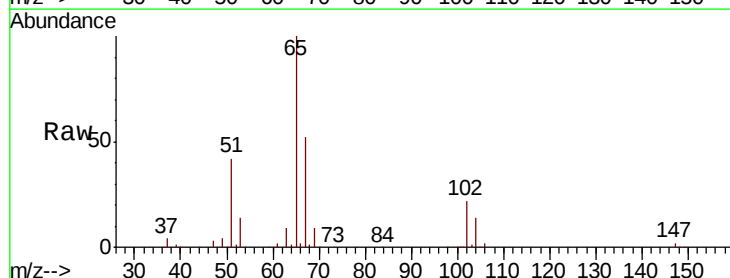
Acq: 10 Feb 2020 13:50

Tgt Ion: 65 Resp: 106528

Ion Ratio Lower Upper

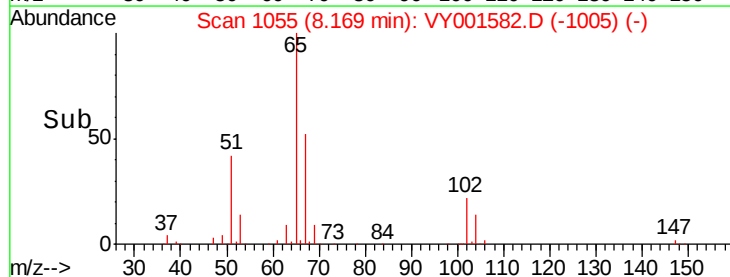
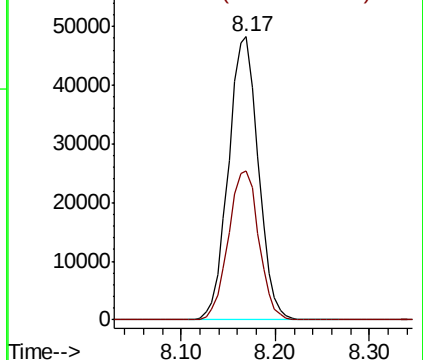
65 100

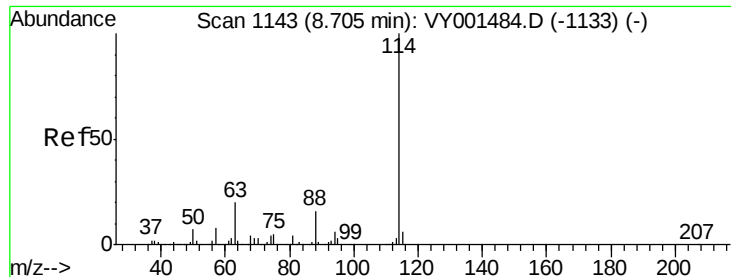
67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

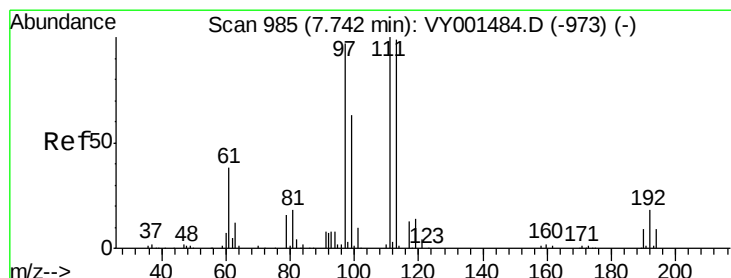
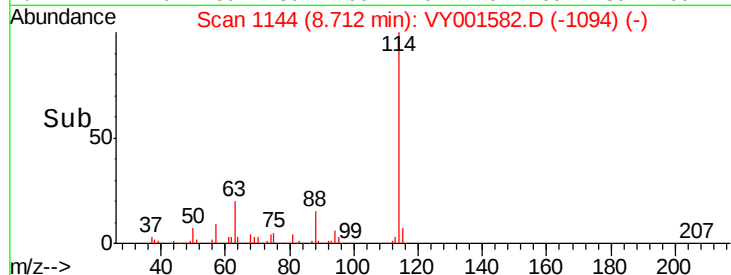
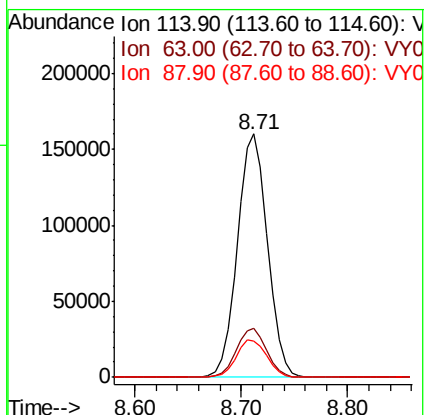
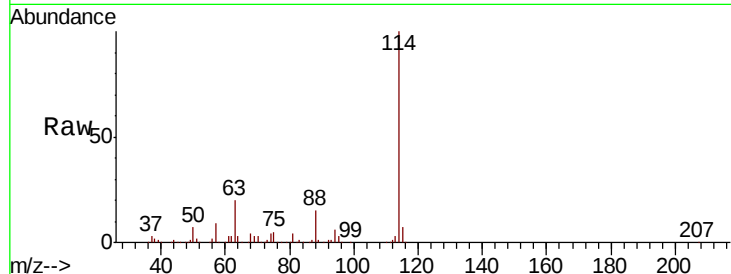




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001582.D
 Acq: 10 Feb 2020 13:50

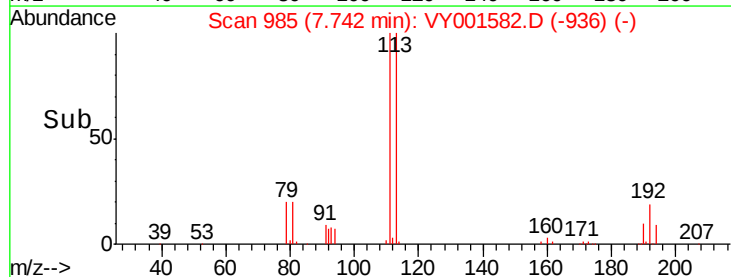
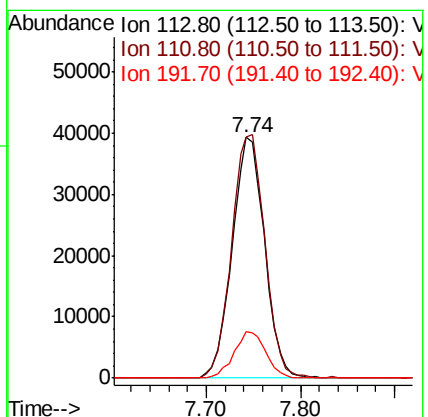
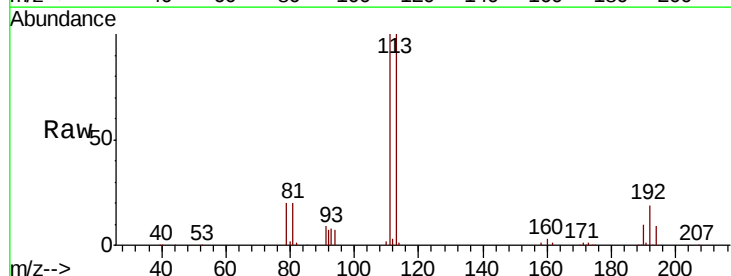
Instrument :
 MSVOA_Y
 ClientSampleId :

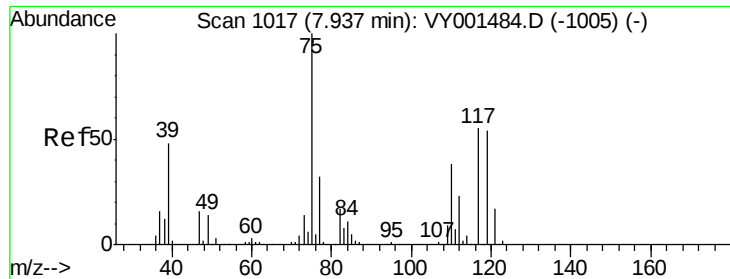
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.345 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001582.D
 Acq: 10 Feb 2020 13:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.9	14.6	22.0

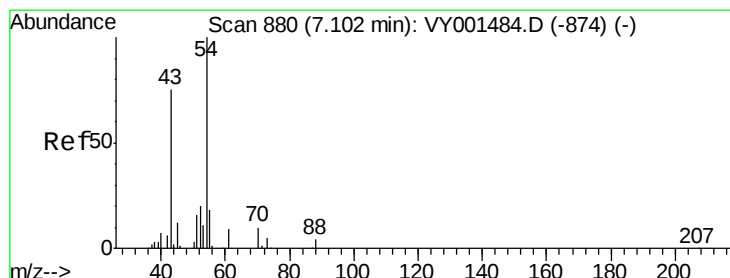
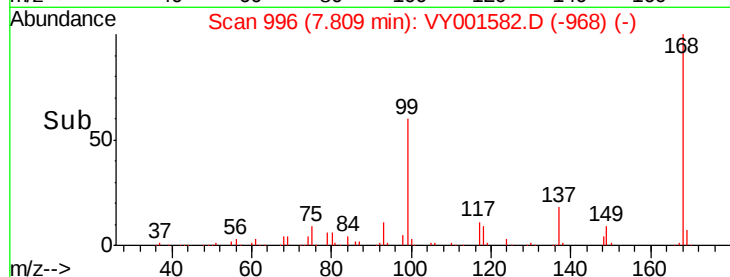
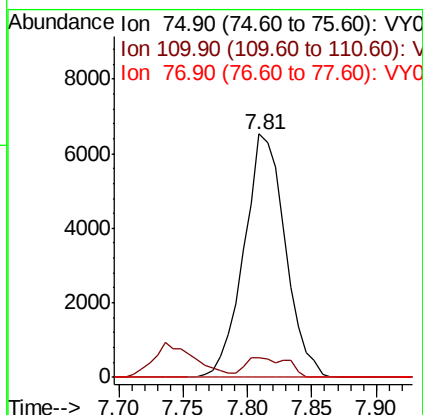
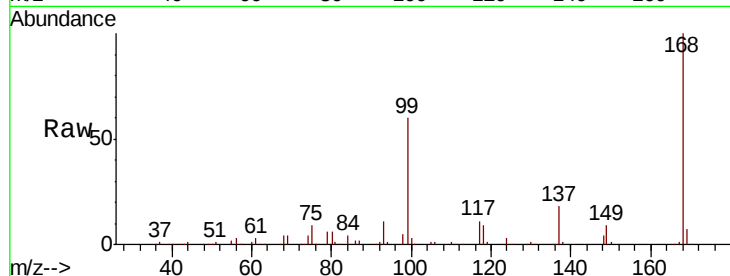




#36
 1,1-Dichloropropene
 Concen: 4.973 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001582.D
 Acq: 10 Feb 2020 13:50

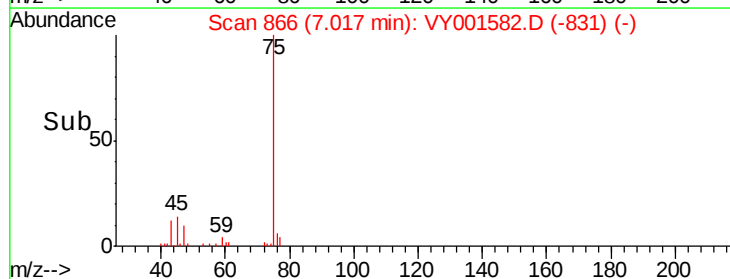
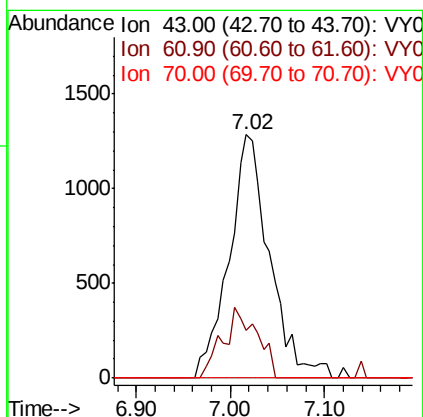
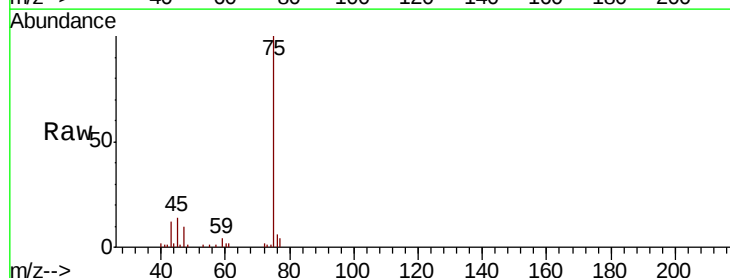
Instrument :
 MSVOA_Y
 ClientSampled :

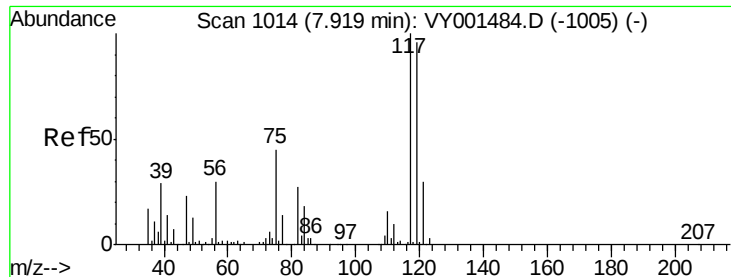
Tot Ion	75	110	77	Resp	Lower	Upper
14449	100	8.2	0.0		18.2	54.6#
					25.0	37.4#



#37
 Ethyl Acetate
 Concen: 2.737 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.09 min
 Lab File: VY001582.D
 Acq: 10 Feb 2020 13:50

Tgt Ion	43	61	70	Resp	Lower	Upper
3849	100	24.4	0.0		12.0	18.0#
					10.2	15.4#

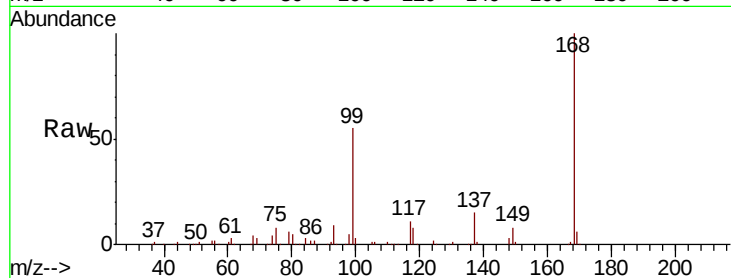




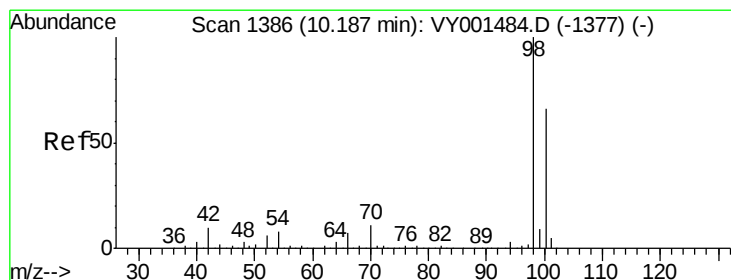
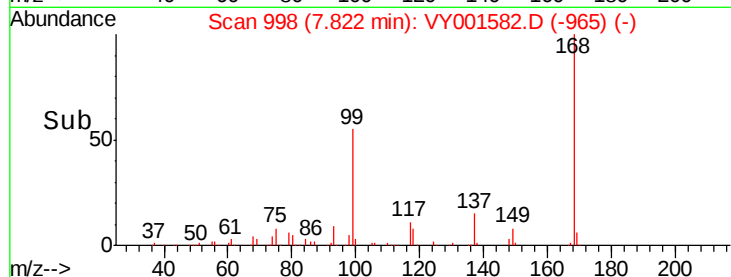
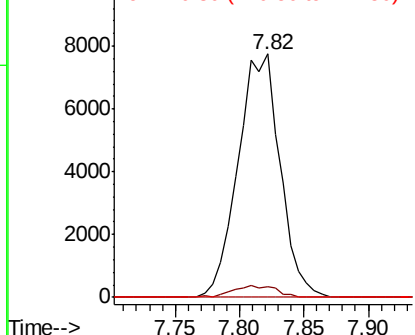
#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 17484
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 24.2 36.4#

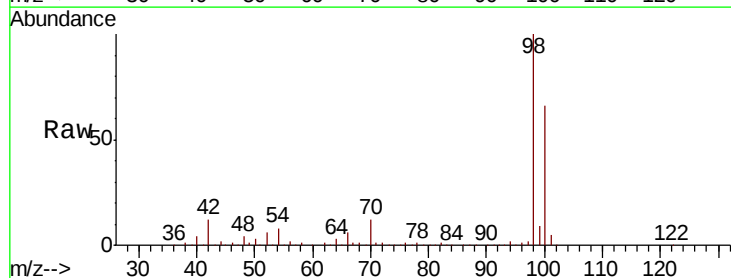


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

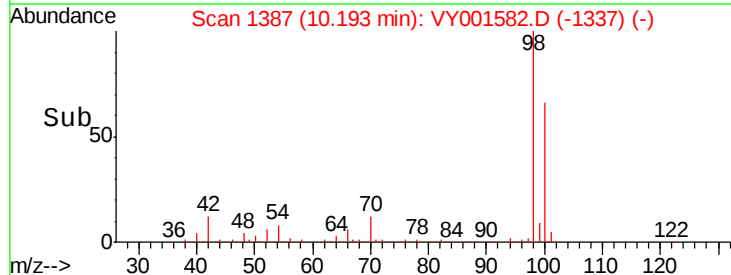
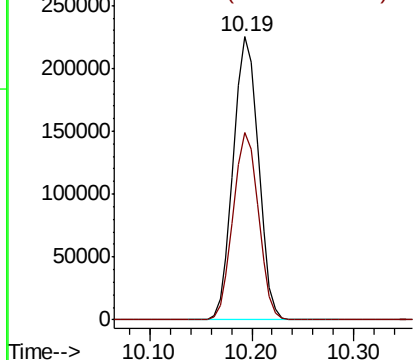


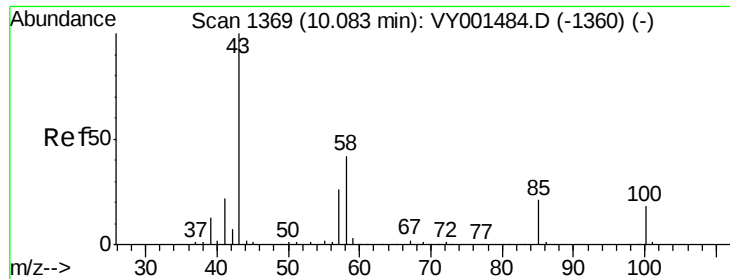
#50
Toluene-d8
Concen: 55.339 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Tgt Ion: 98 Resp: 383426
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



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: 1.135 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

Instrument :

MSVOA_Y

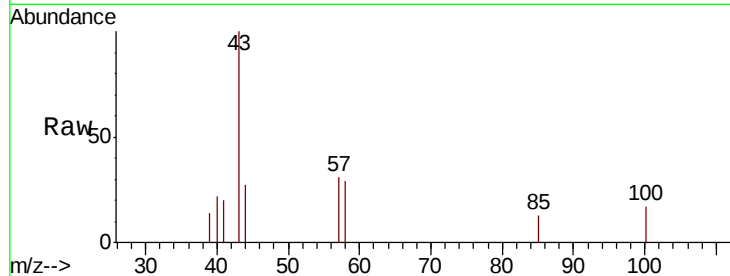
ClientSampleId :

Tot Ion: 43 Resp: 1557

Ion Ratio Lower Upper

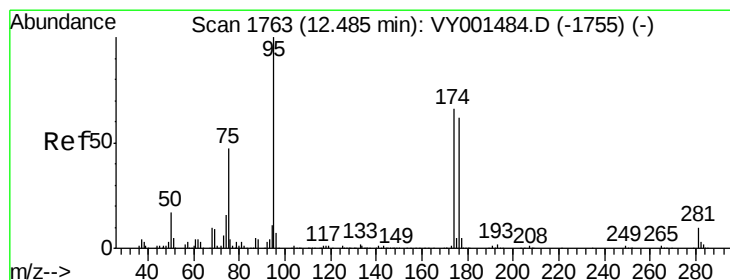
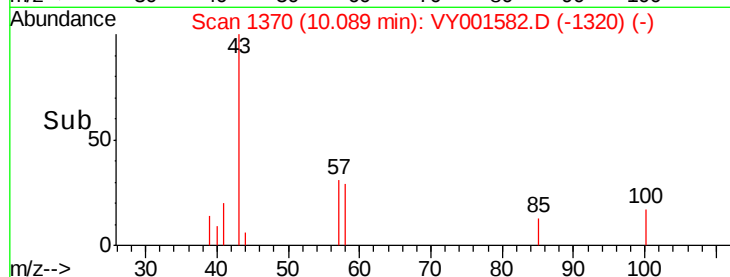
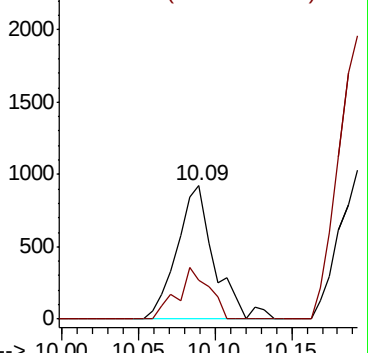
43 100

58 32.8 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001582.D (-1320) (-)

Ion 58.00 (57.70 to 58.70): VY001582.D (-1320) (-)



#62

4-Bromofluorobenzene

Concen: 48.808 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

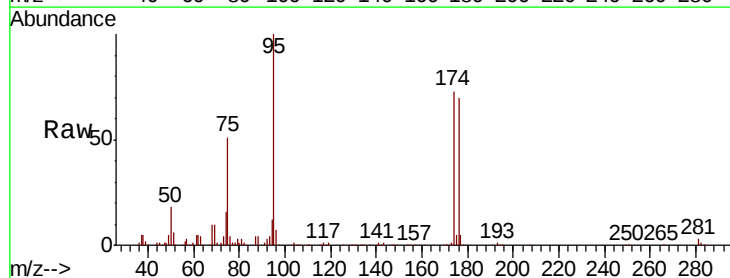
Tgt Ion: 95 Resp: 133223

Ion Ratio Lower Upper

95 100

174 74.6 0.0 141.4

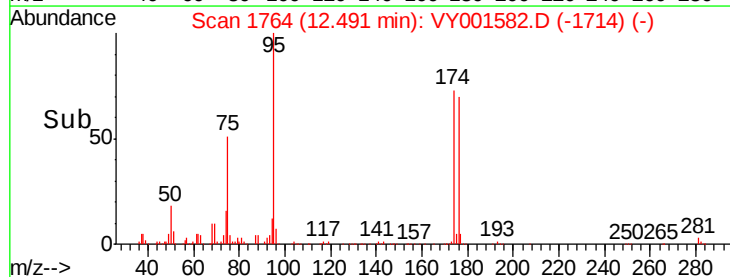
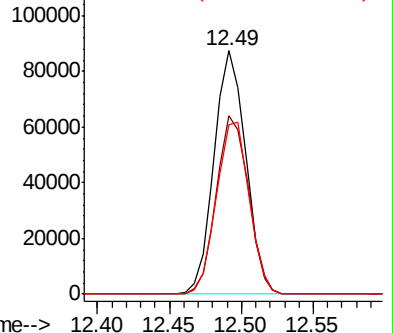
176 73.1 0.0 135.4

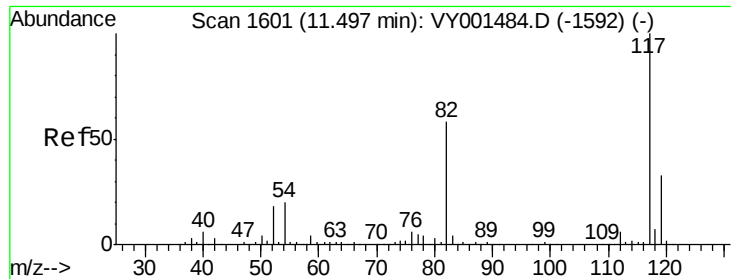


Abundance Ion 94.90 (94.60 to 95.60): VY001582.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001582.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001582.D (-1714) (-)

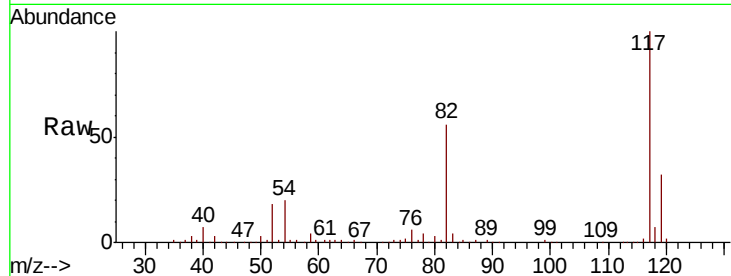




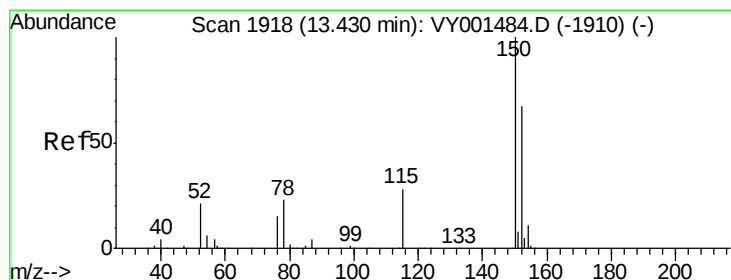
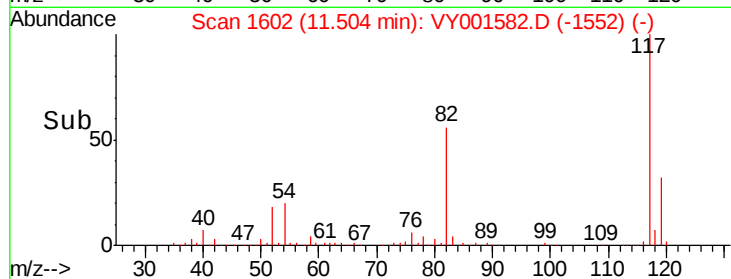
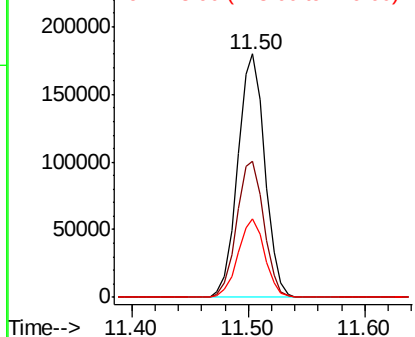
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 290622
Ion Ratio Lower Upper
117 100
82 56.0 46.1 69.1
119 32.0 26.1 39.1

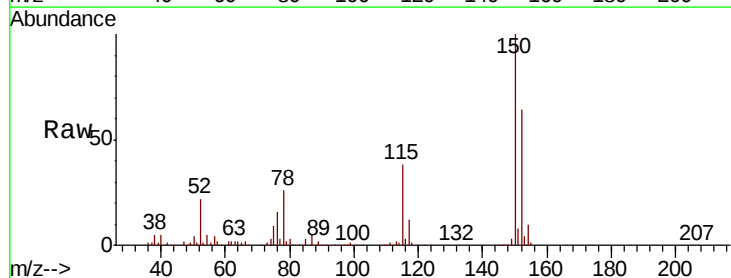


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

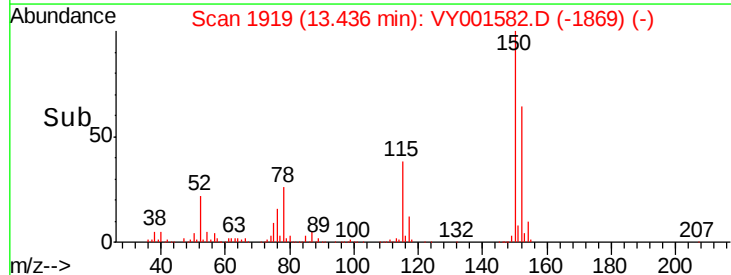
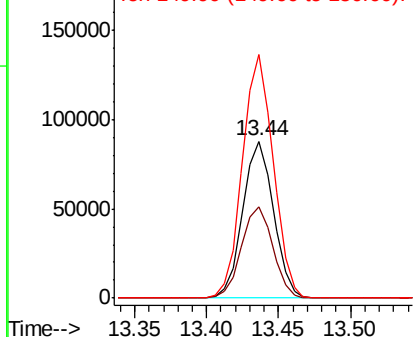


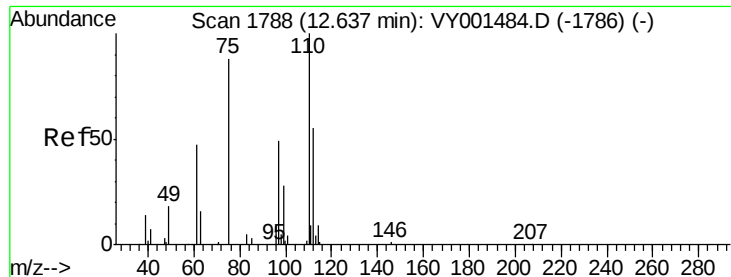
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001582.D
Acq: 10 Feb 2020 13:50

Tgt Ion:152 Resp: 130231
Ion Ratio Lower Upper
152 100
115 59.1 31.4 94.3
150 155.5 0.0 346.8



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: 47.658 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

Instrument :

MSVOA_Y

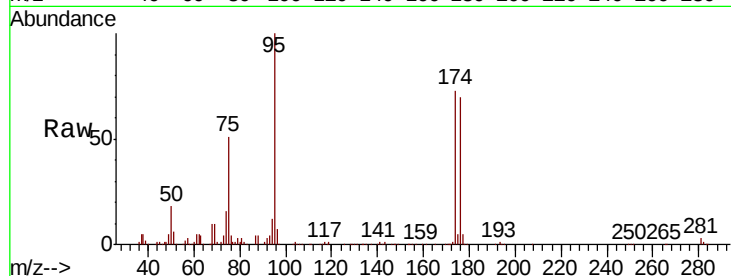
ClientSampled :

Tot Ion: 75 Resp: 66745

Ion Ratio Lower Upper

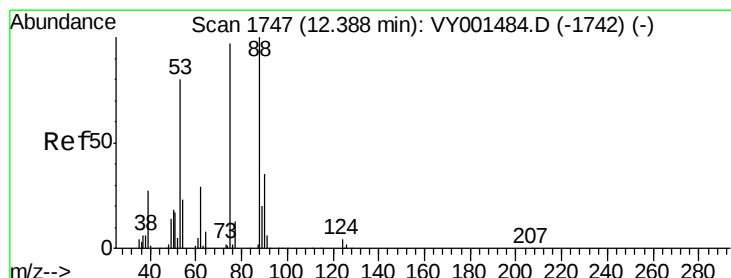
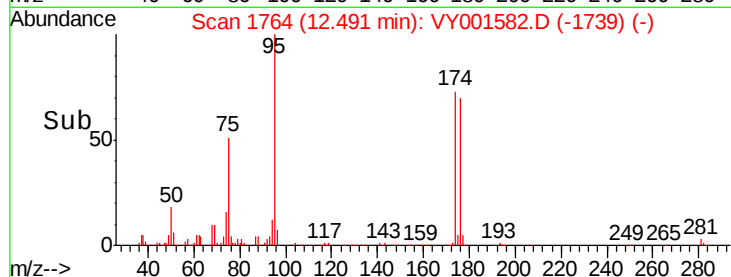
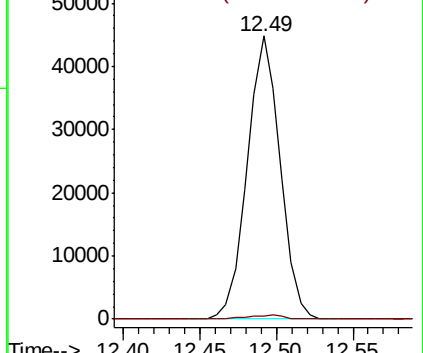
75 100

77 1.5 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: 92.215 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001582.D

Acq: 10 Feb 2020 13:50

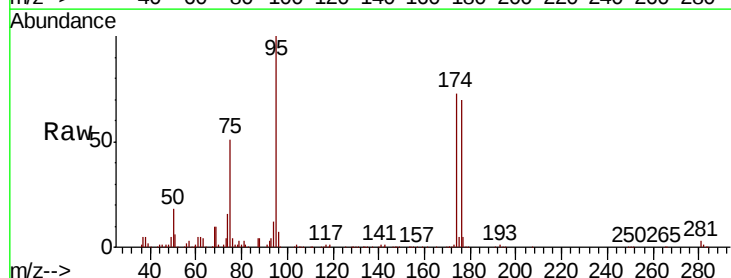
Tgt Ion: 75 Resp: 66745

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#



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

