

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
 Data File : VY001089.D
 Acq On : 27 Dec 2019 11:45
 Operator : SY/MD
 Sample : VY1227SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Quant Time: Dec 28 04:00:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	250368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	460842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180430	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	129364	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.72	113	133059	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	10.18	98	544371	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.48	95	177088	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

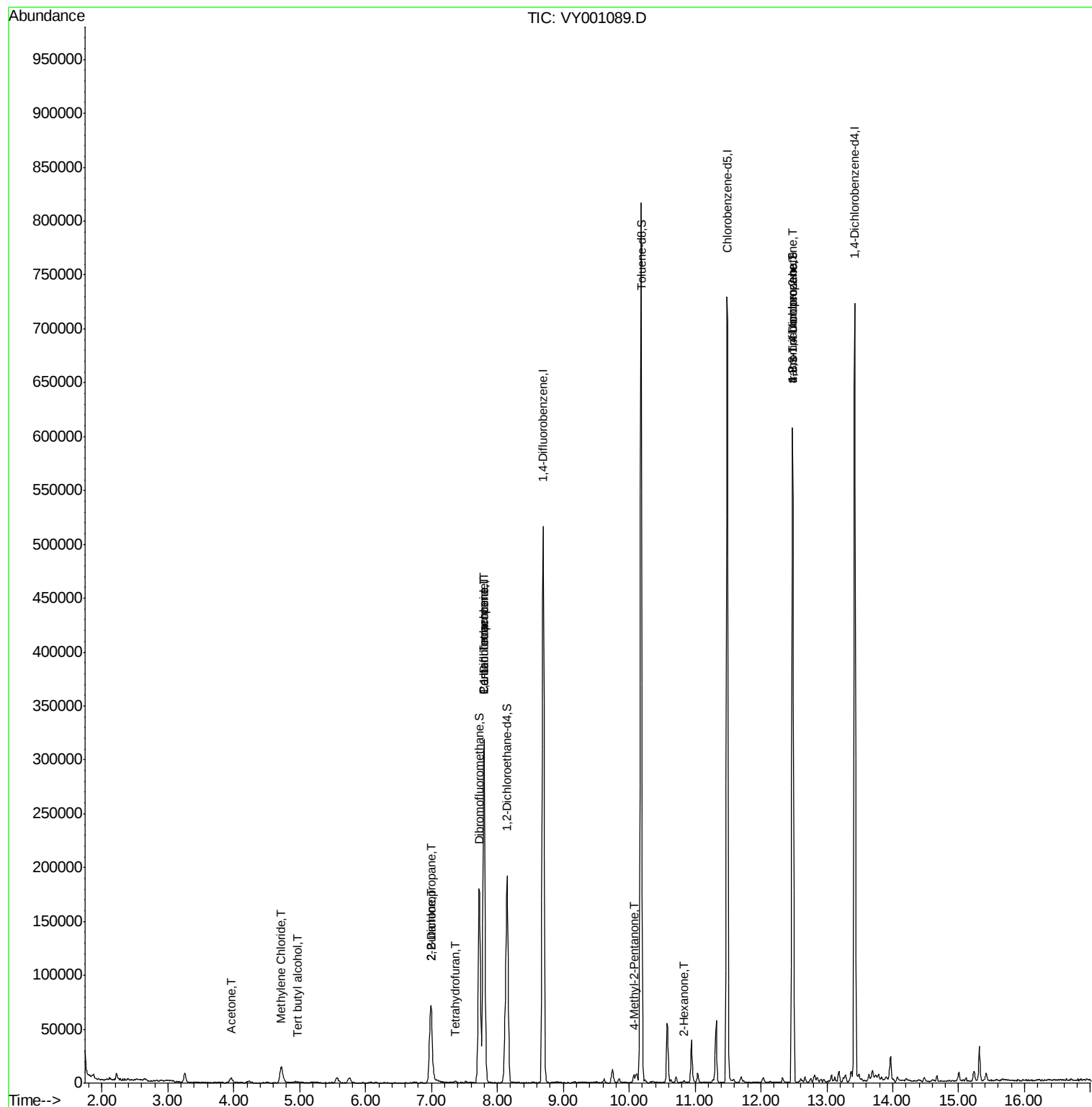
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	922	3.396	ug/l #	74
16) Acetone	3.96	43	8086	14.214	ug/l	92
20) Methylene Chloride	4.71	84	5285	1.578	ug/l	91
25) 2-Butanone	6.99	43	5413	5.417	ug/l	100
26) 2,2-Dichloropropane	6.99	77	5876	1.370	ug/l #	51
29) Tetrahydrofuran	7.36	42	970	1.365	ug/l #	65
36) 1,1-Dichloropropene	7.80	75	19331	4.397	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23857	6.194	ug/l #	18
51) 4-Methyl-2-Pentanone	10.07	43	5225	2.225	ug/l	96
59) 2-Hexanone	10.83	43	1901	1.170	ug/l	65
76) 1,2,3-Trichloropropane	12.48	75	85792	38.570	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85792	82.260	ug/l #	19

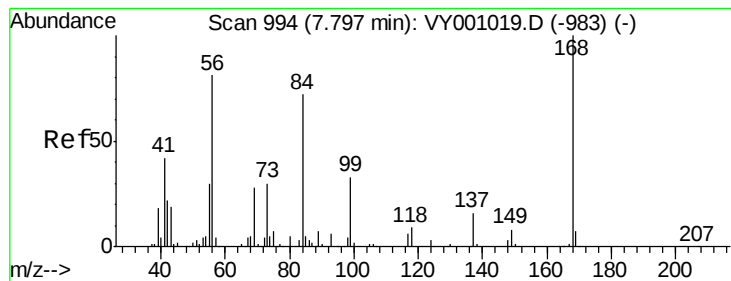
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

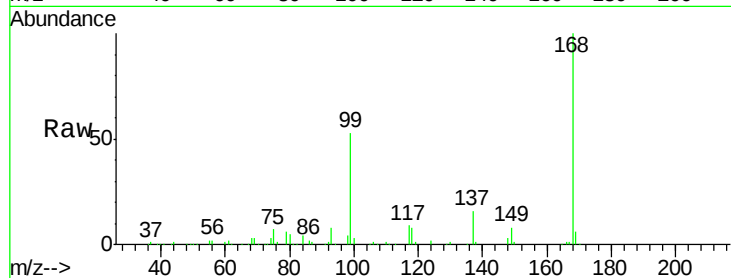
VY1227SBL01

Tgt Ion: 168 Resp: 250368

Ion Ratio Lower Upper

168 100

99 52.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

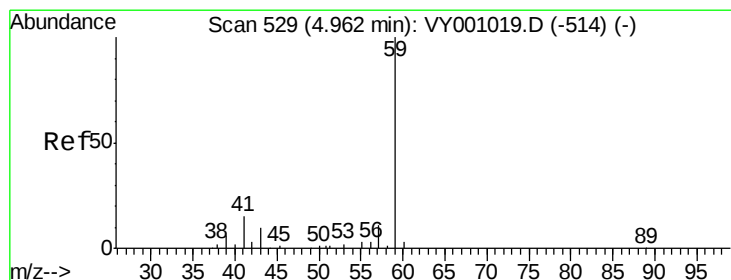
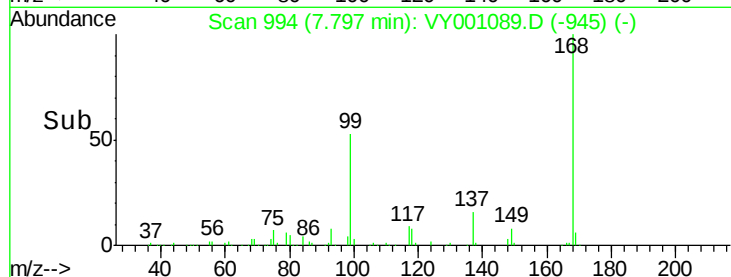
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.396 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY001089.D

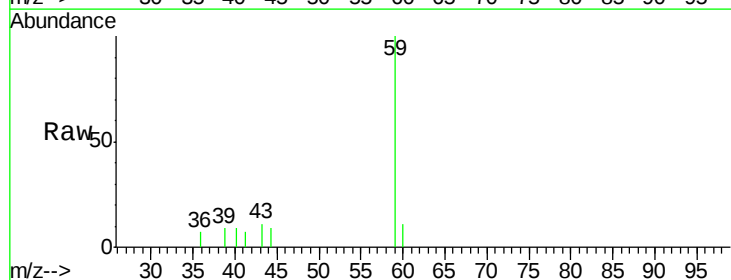
Acq: 27 Dec 2019 11:45

Tgt Ion: 59 Resp: 922

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001019.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY001019.D (-514) (-)

4.97

800

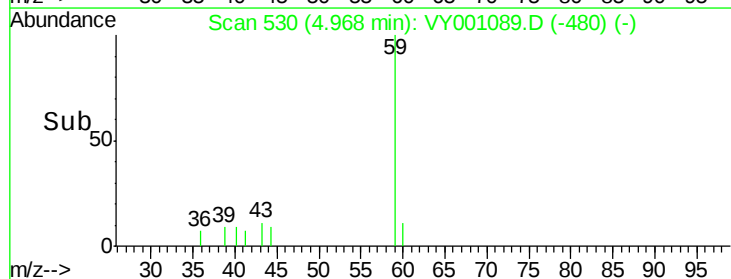
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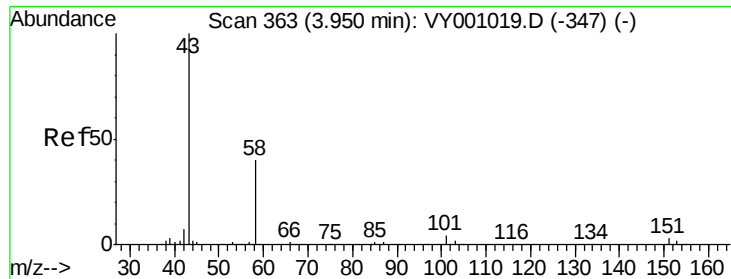
400

200

0

Time-->





#16

Acetone

Concen: 14.214 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

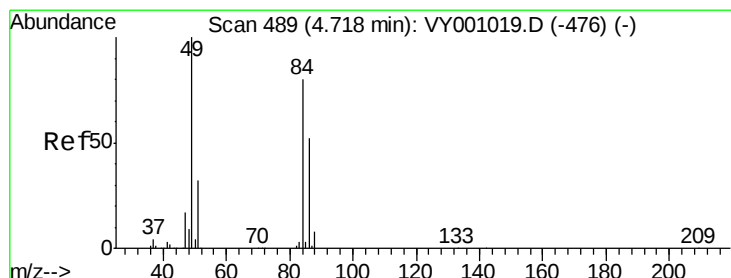
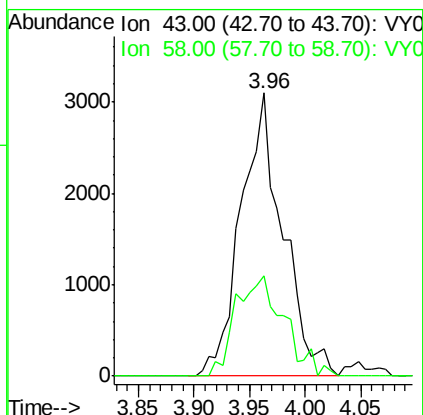
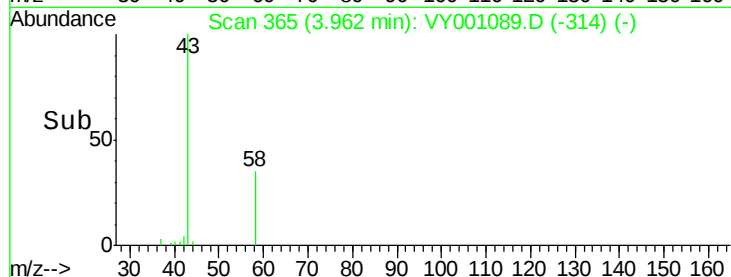
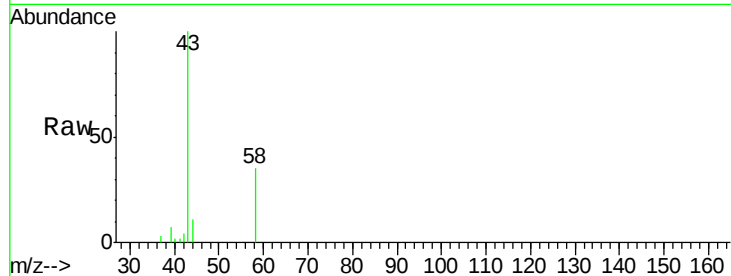
VY1227SBL01

Tgt Ion: 43 Resp: 8086

Ion Ratio Lower Upper

43 100

58 35.4 32.1 48.1



#20

Methylene Chloride

Concen: 1.578 ug/l

RT: 4.71 min Scan# 488

Delta R.T. -0.01 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Tgt Ion: 84 Resp: 5285

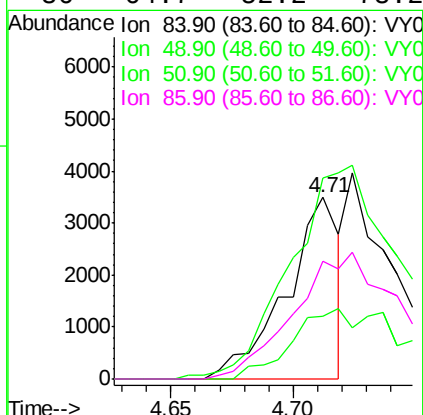
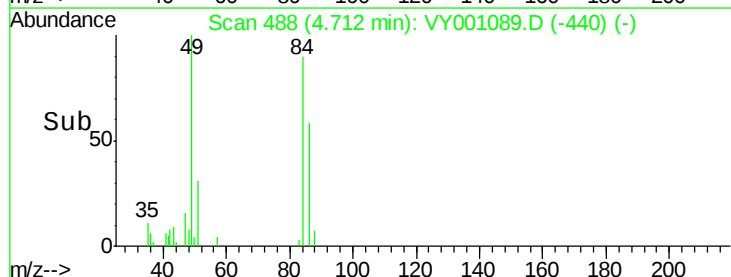
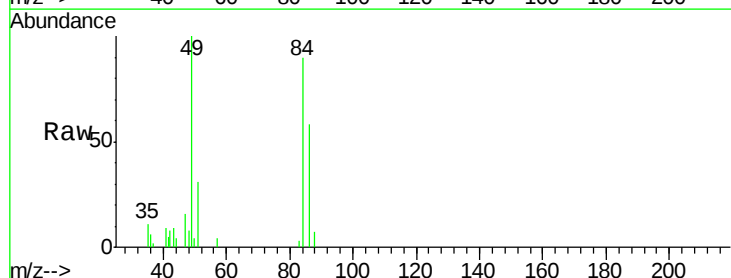
Ion Ratio Lower Upper

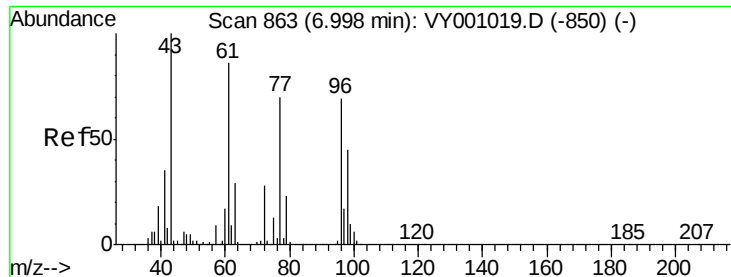
84 100

49 108.5 99.8 149.6

51 34.3 31.4 47.2

86 64.7 52.2 78.2





#25

2-Butanone

Concen: 5.417 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

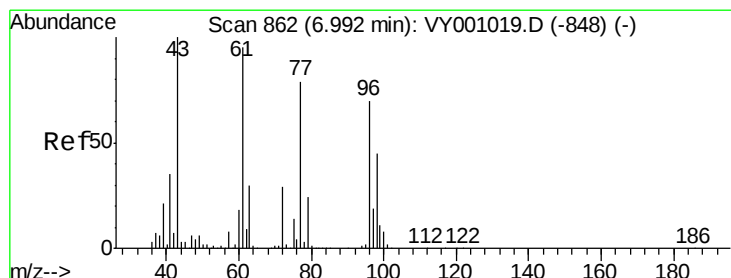
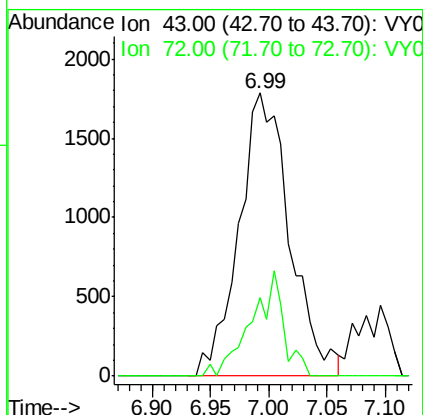
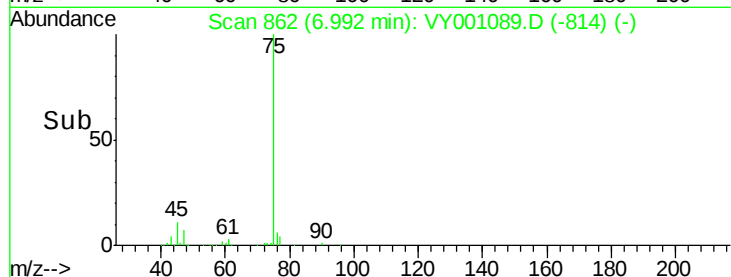
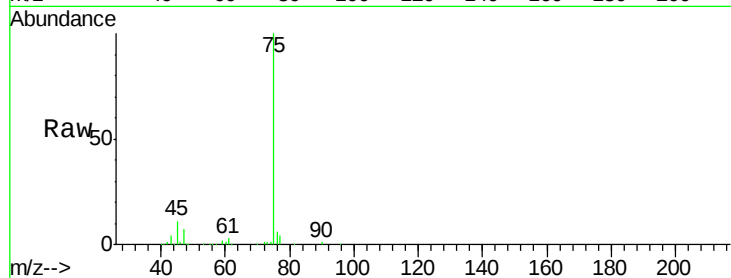
VY1227SBL01

Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

43 100

72 27.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 1.370 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001089.D

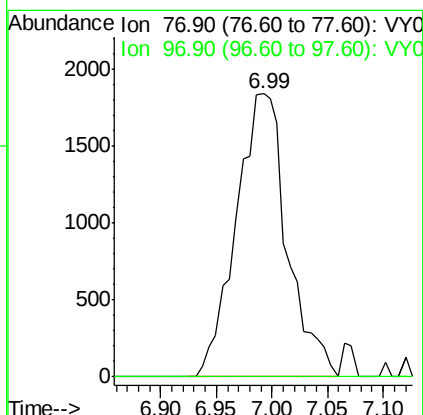
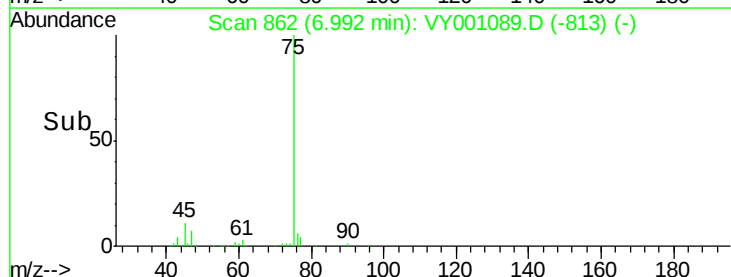
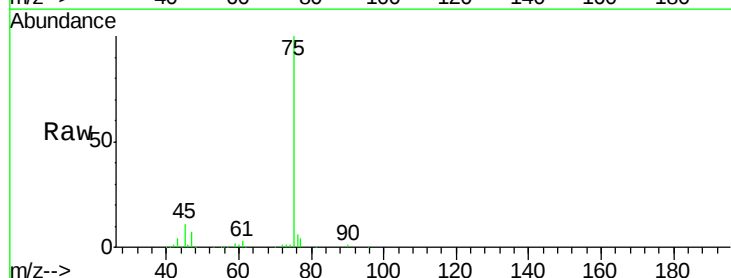
Acq: 27 Dec 2019 11:45

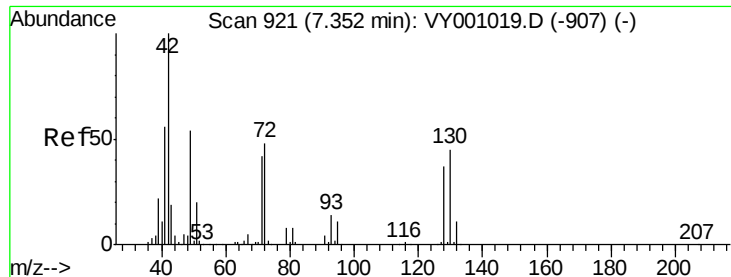
Tgt Ion: 77 Resp: 5876

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#

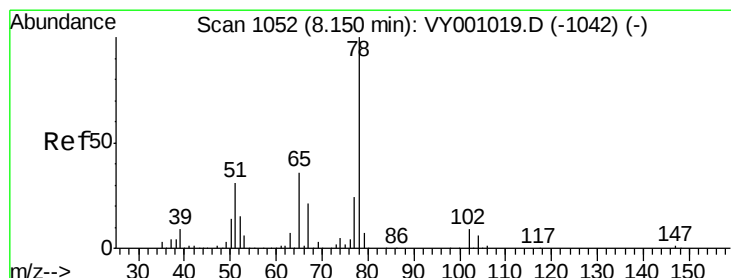
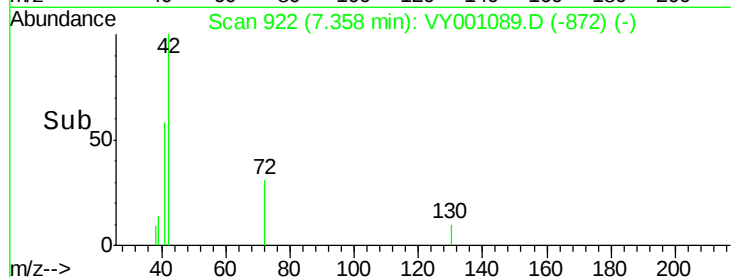
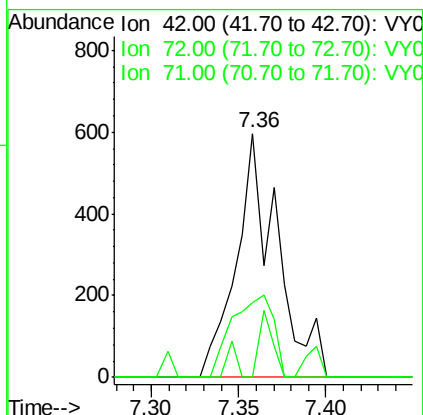
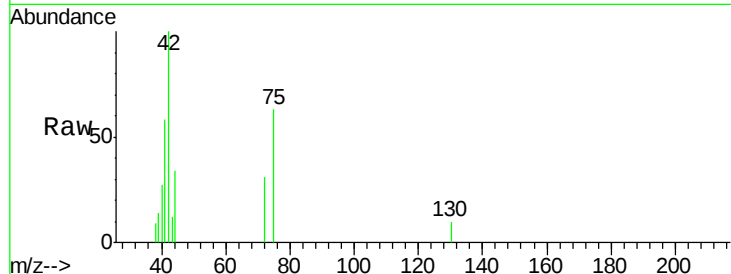




#29
Tetrahydrofuran
Concen: 1.365 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

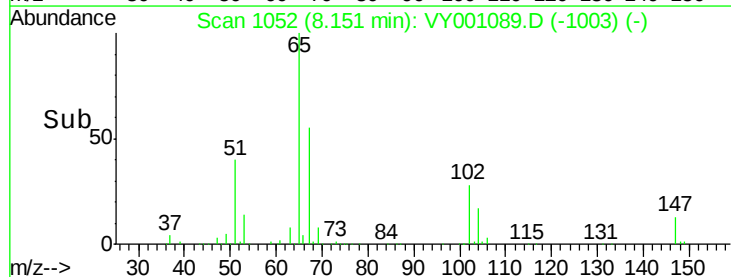
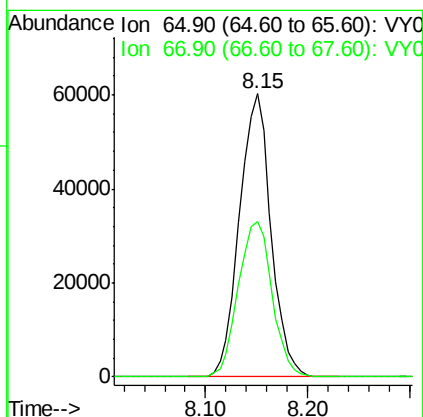
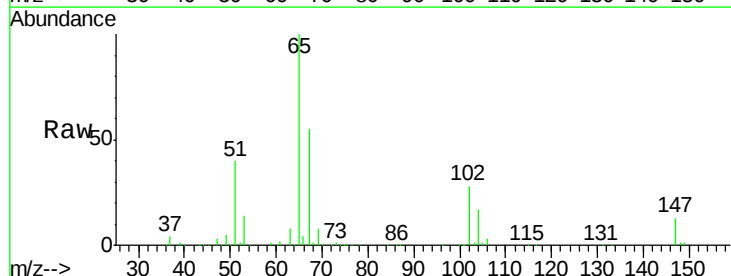
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

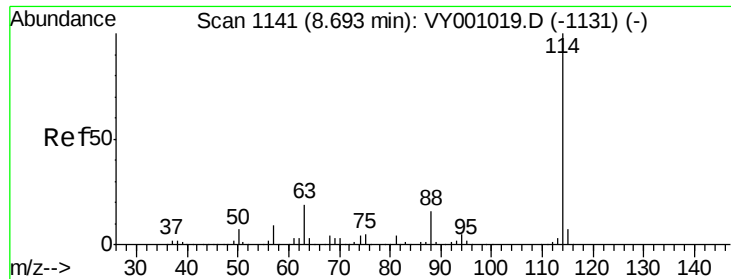
Tgt Ion: 42 Resp: 970
Ion Ratio Lower Upper
42 100
72 34.3 37.7 56.5#
71 9.1 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 52.389 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

Tgt Ion: 65 Resp: 129364
Ion Ratio Lower Upper
65 100
67 58.7 0.0 112.8

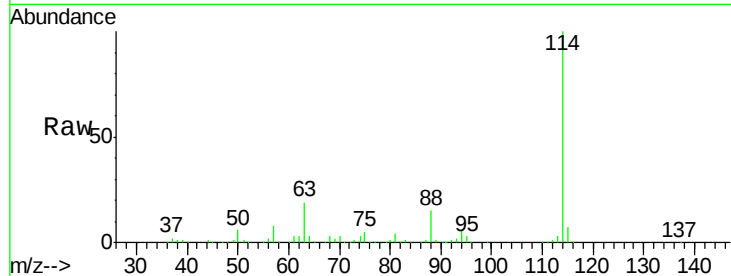




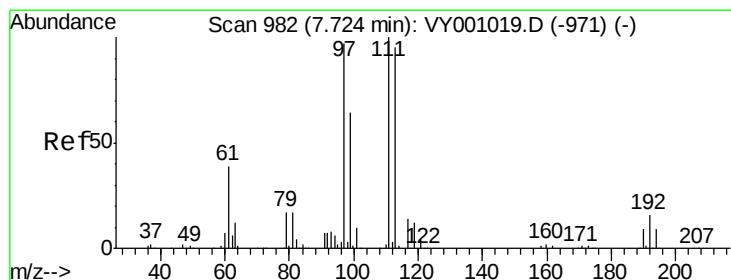
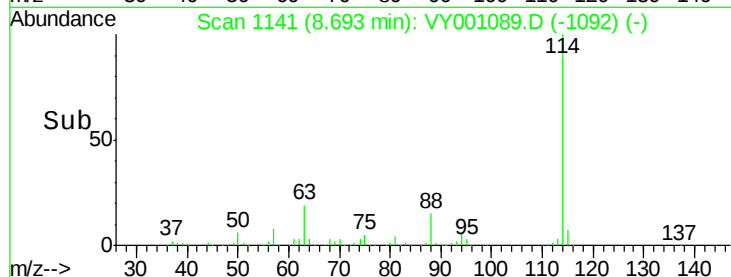
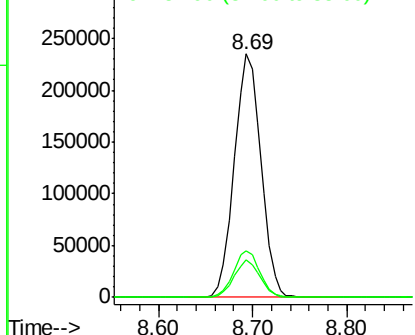
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Tgt Ion:114 Resp: 460842
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 15.2 0.0 32.0

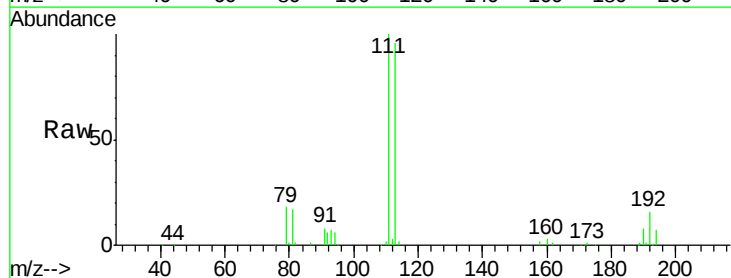


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

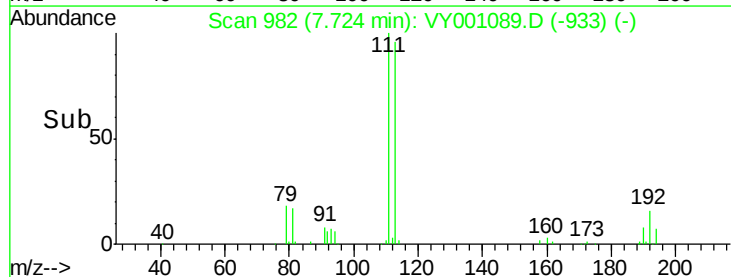
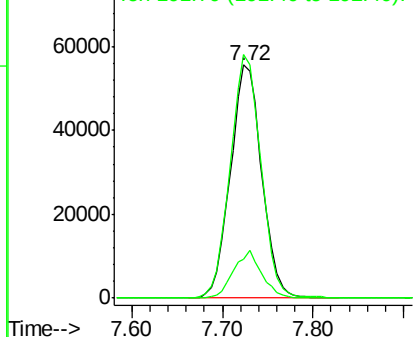


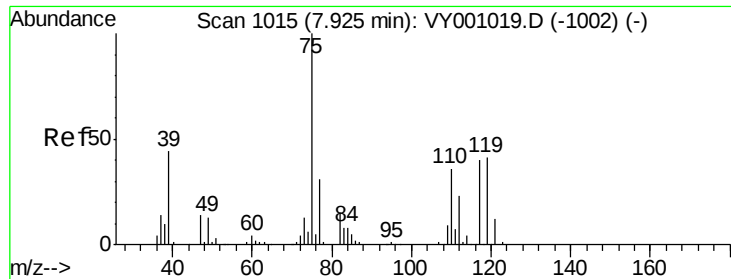
#35
 Dibromofluoromethane
 Concen: 49.032 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

Tgt Ion:113 Resp: 133059
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 18.4 14.6 21.8



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

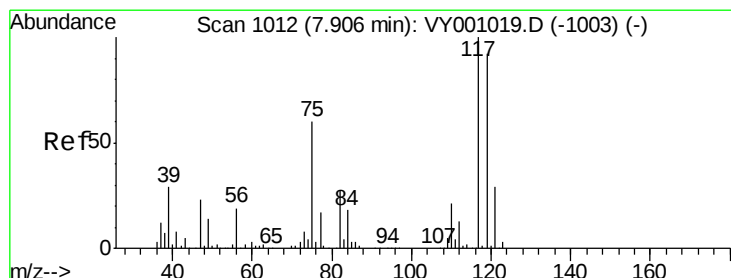
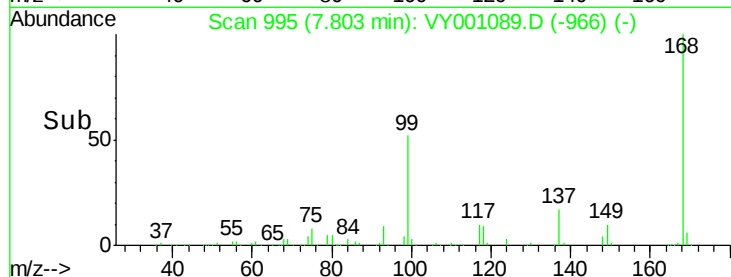
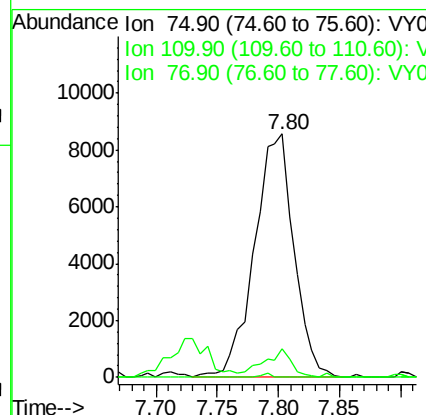
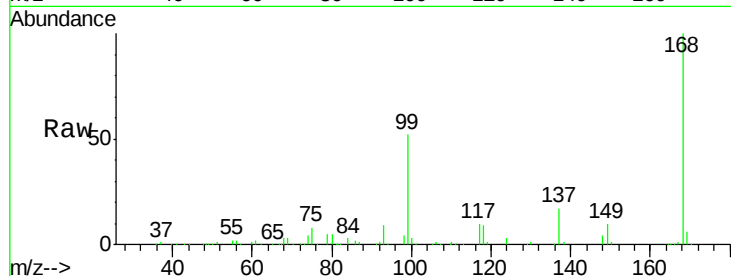




#36
 1,1-Dichloropropene
 Concen: 4.397 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

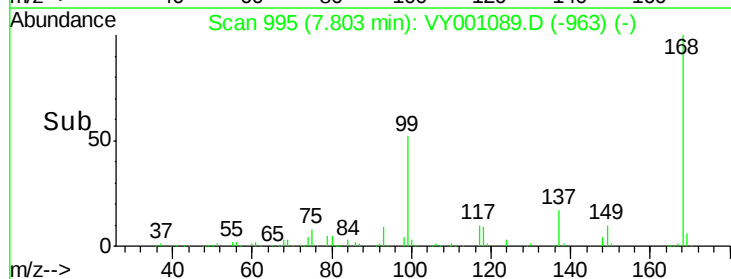
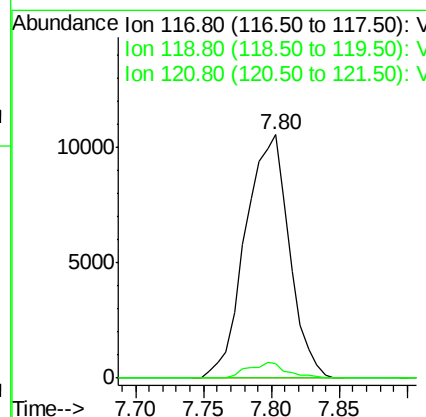
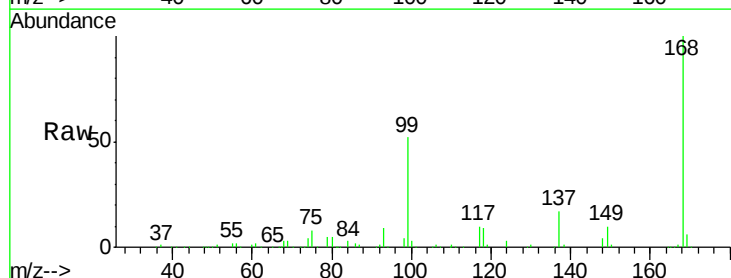
Instrument :
 MSVOA_Y
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 VY1227SBL01

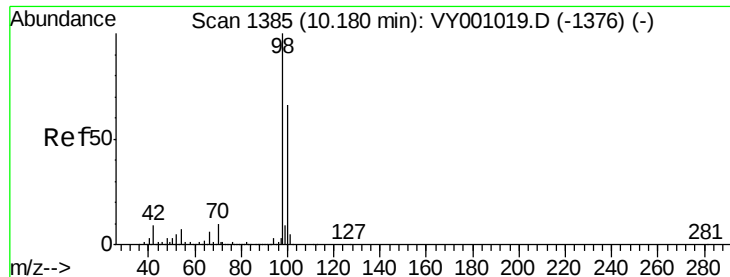
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.4	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.194 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.2	111.2#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 51.331 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001089.D

Acq: 27 Dec 2019 11:45

Instrument :

MSVOA_Y

ClientSampleId :

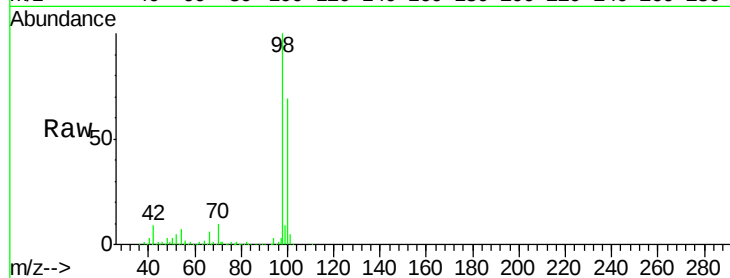
VY1227SBL01

Tgt Ion: 98 Resp: 544371

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

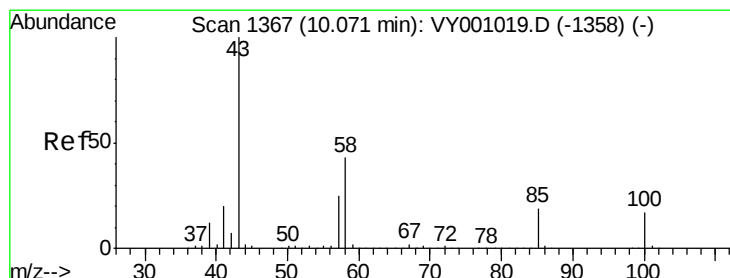
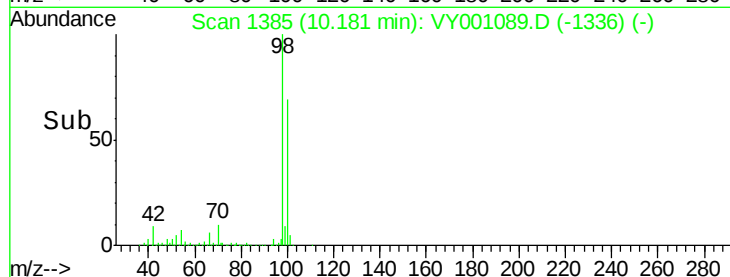
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.225 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001089.D

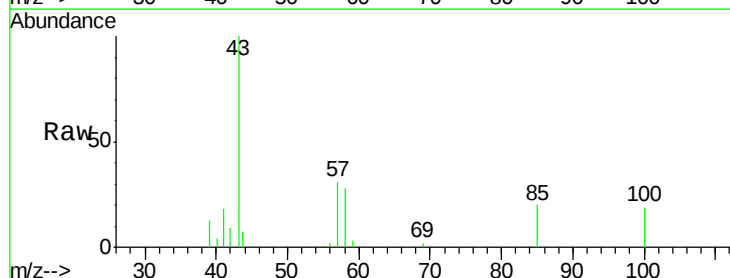
Acq: 27 Dec 2019 11:45

Tgt Ion: 43 Resp: 5225

Ion Ratio Lower Upper

43 100

58 41.1 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

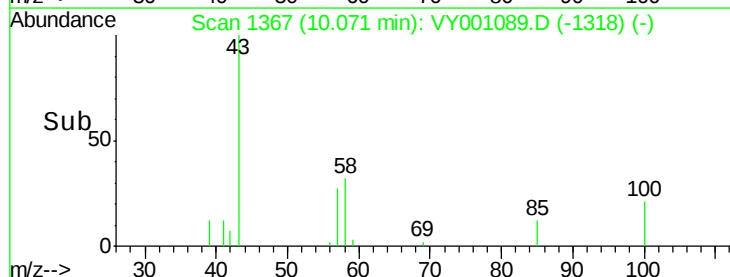
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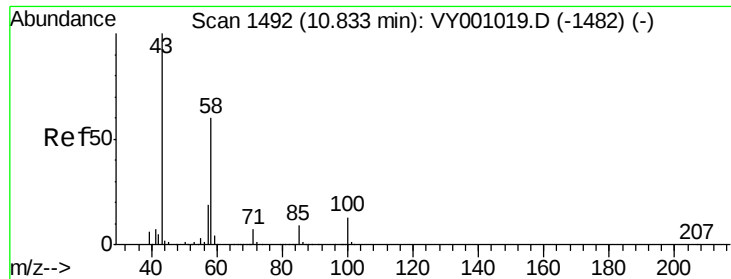
2000

1000

0

Time-->

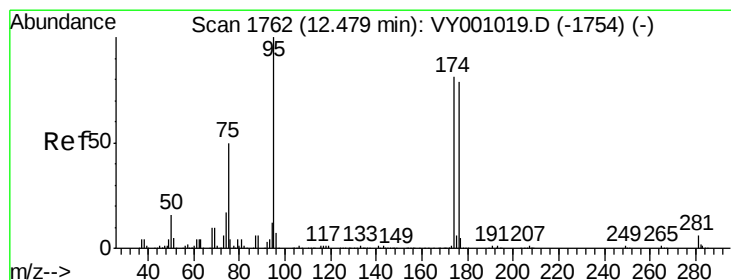
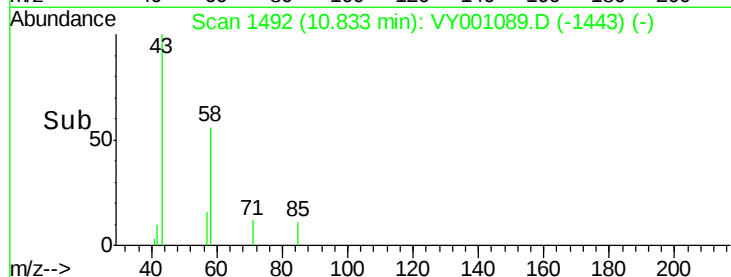
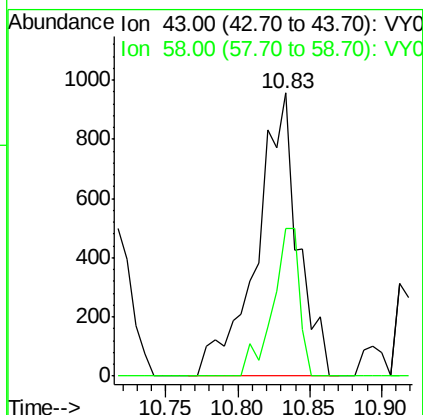
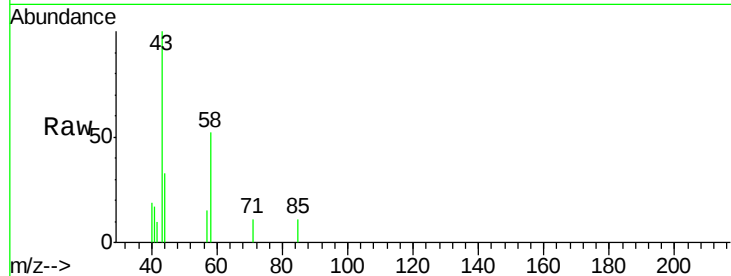




#59
2-Hexanone
Concen: 1.170 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

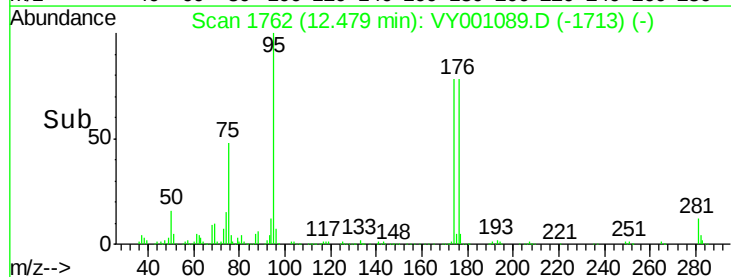
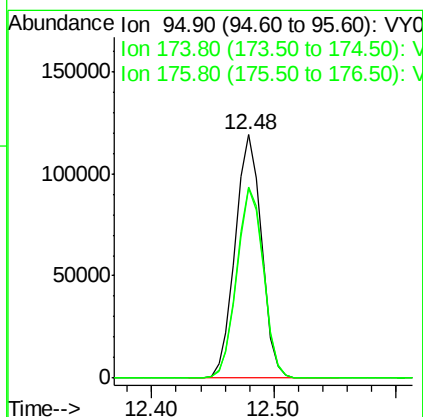
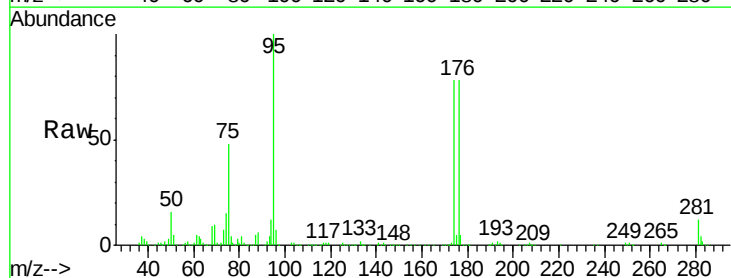
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

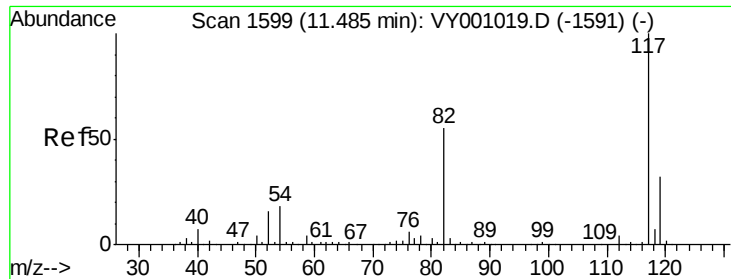
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 34.0 30.6 91.6



#62
4-Bromofluorobenzene
Concen: 45.672 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

Tgt Ion: 95 Resp: 177088
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.4
176 78.4 0.0 155.0

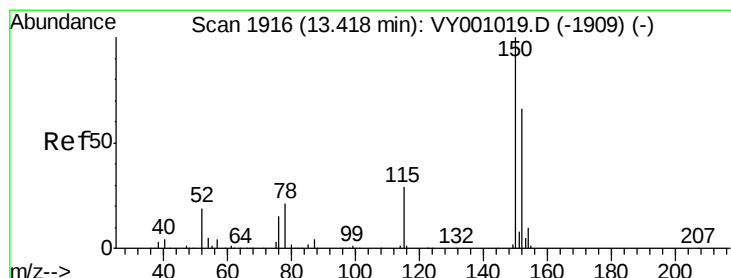
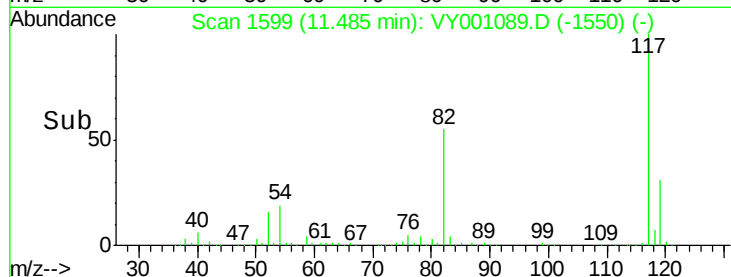
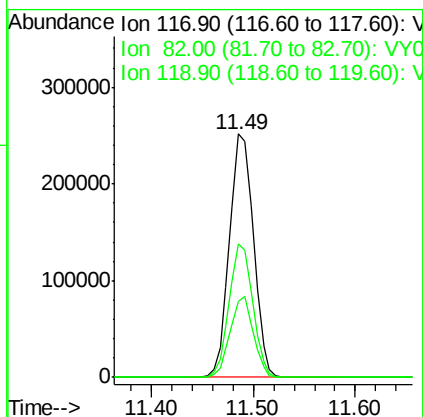
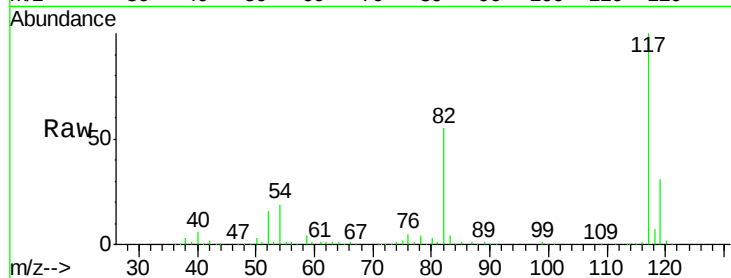




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

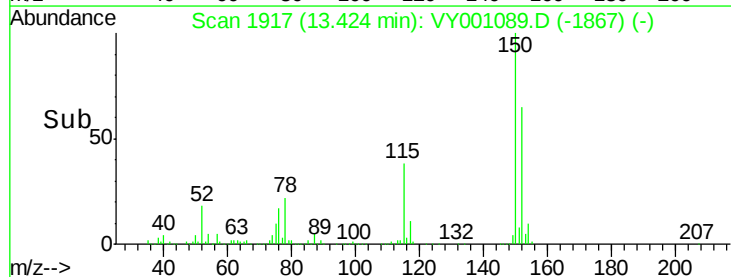
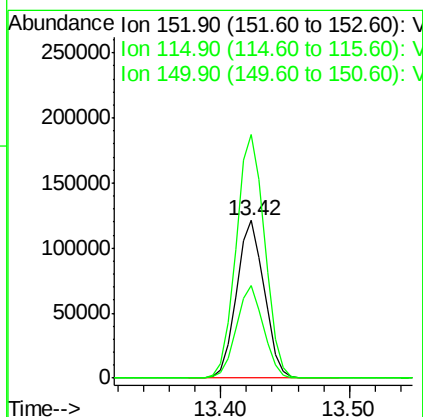
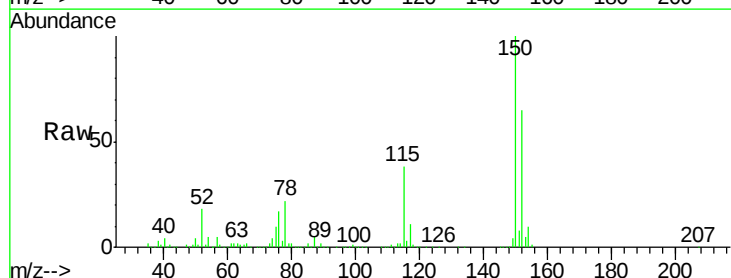
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

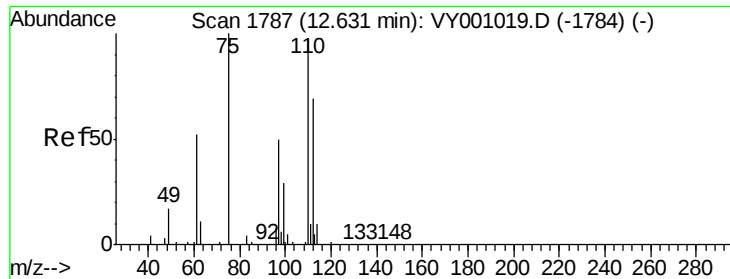
Tgt Ion:117 Resp: 409788
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001089.D
Acq: 27 Dec 2019 11:45

Tgt Ion:152 Resp: 180430
Ion Ratio Lower Upper
152 100
115 57.8 29.8 89.3
150 158.7 0.0 352.6

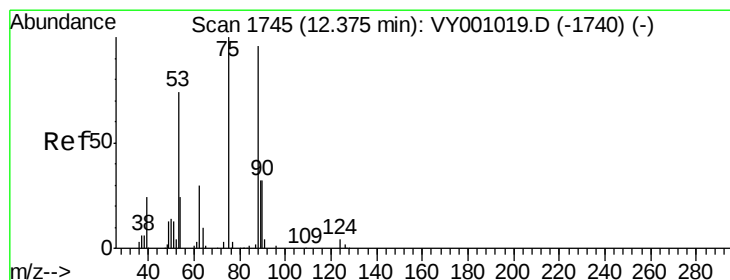
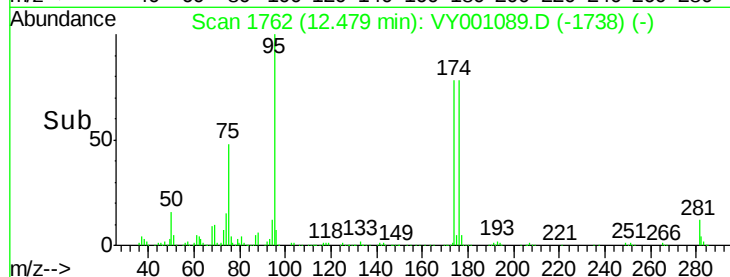
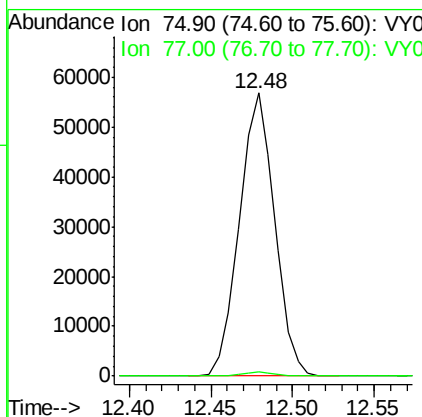
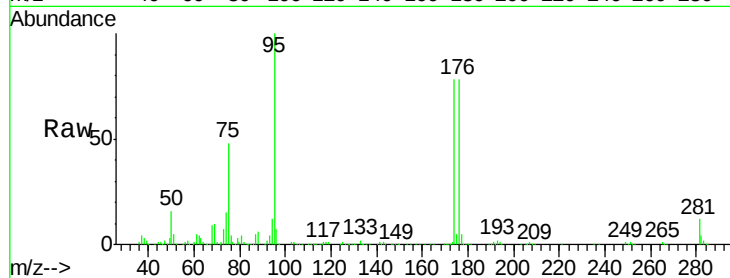




#76
 1,2,3-Trichloropropane
 Concen: 38.570 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Tgt Ion: 75 Resp: 85792
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.260 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001089.D
 Acq: 27 Dec 2019 11:45

Tgt Ion: 75 Resp: 85792
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.1 35.4 53.0#

