

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
 Data File : VY001990.D
 Acq On : 17 Mar 2020 10:23
 Operator : SY/MD
 Sample : VY0317SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBL01

Quant Time: Mar 17 18:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	142541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	271482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104570	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	84179	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
35) Dibromofluoromethane	7.75	113	80773	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	
50) Toluene-d8	10.20	98	331799	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.50	95	110301	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

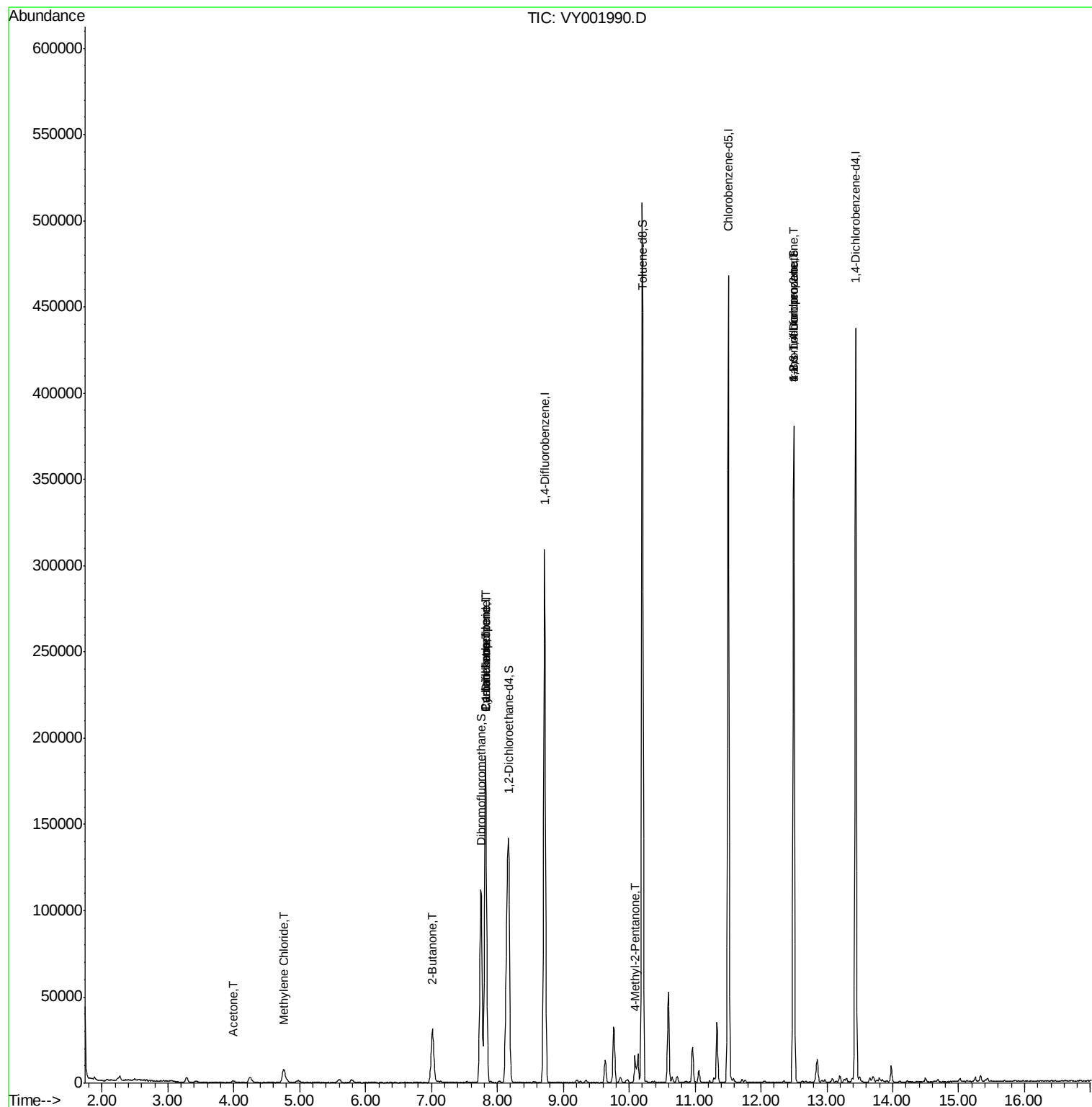
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.68	94	113	Below Cal		87
11) Tert butyl alcohol	4.96	59	744	Below Cal	#	74
16) Acetone	3.99	43	1822	4.11	ug/l #	75
20) Methylene Chloride	4.76	84	5609	2.95	ug/l	96
25) 2-Butanone	7.02	43	1897	2.81	ug/l #	72
31) Cyclohexane	7.82	56	3555	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11825	4.53	ug/l #	50
38) Carbon Tetrachloride	7.82	117	14327	6.42	ug/l #	15
51) 4-Methyl-2-Pentanone	10.09	43	10976	7.41	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.62	63	25	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.49	75	57301	46.18	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57301	93.28	ug/l #	17

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

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Data File : VY001990.D
Acq On : 17 Mar 2020 10:23
Operator : SY/MD
Sample : VY0317SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Quant Time: Mar 17 18:06:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

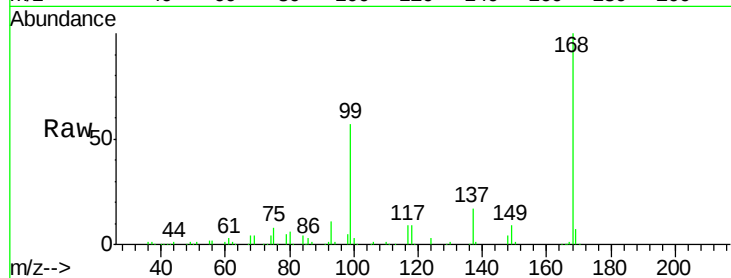
VY0317SBL01

Tgt Ion:168 Resp: 142541

Ion Ratio Lower Upper

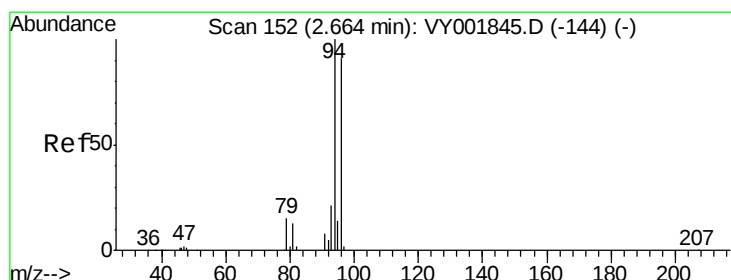
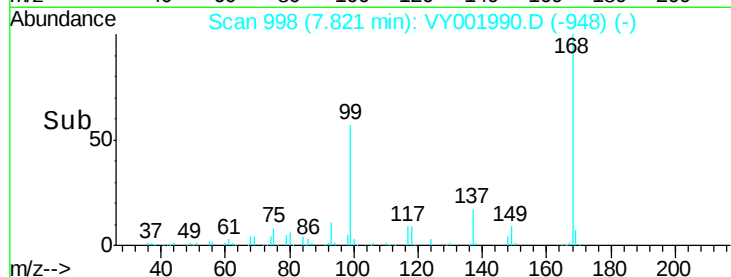
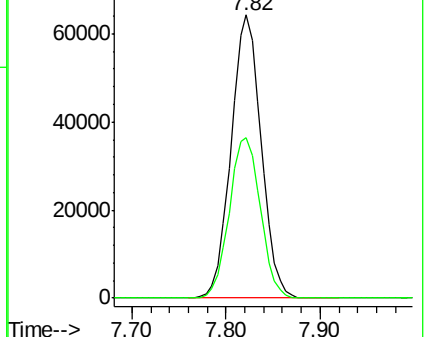
168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001990.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001990.D (-948) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 155

Delta R.T. 0.02 min

Lab File: VY001990.D

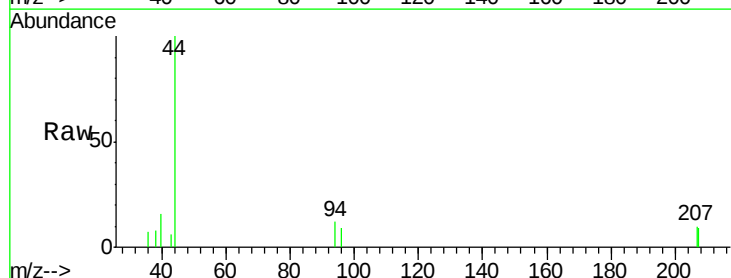
Acq: 17 Mar 2020 10:23

Tgt Ion: 94 Resp: 113

Ion Ratio Lower Upper

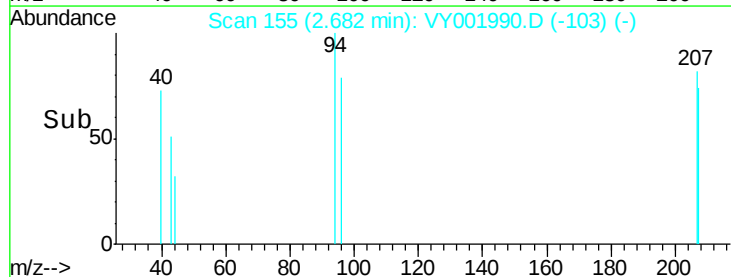
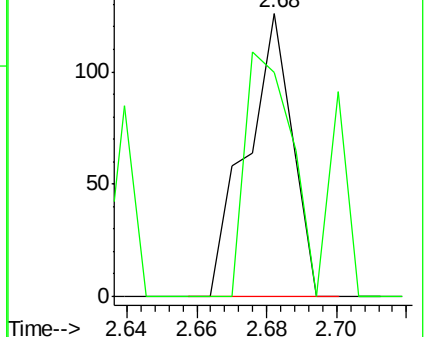
94 100

96 79.4 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY001990.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001990.D (-103) (-)



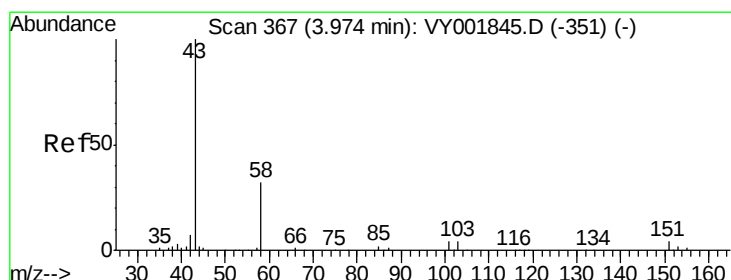
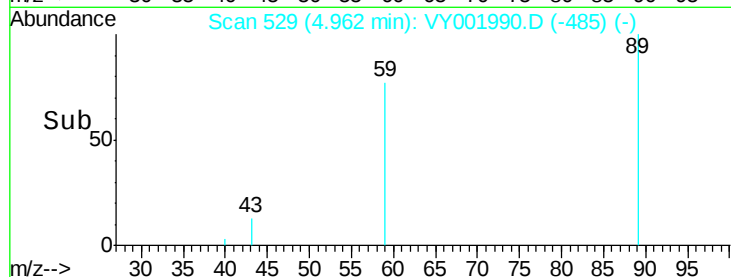
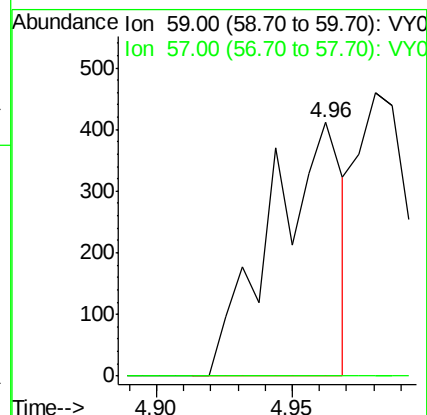
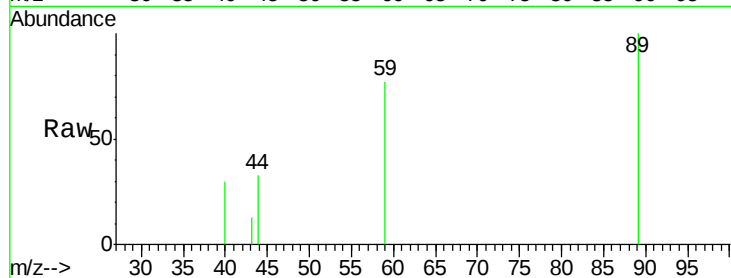


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001990.D
 Acq: 17 Mar 2020 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBL01

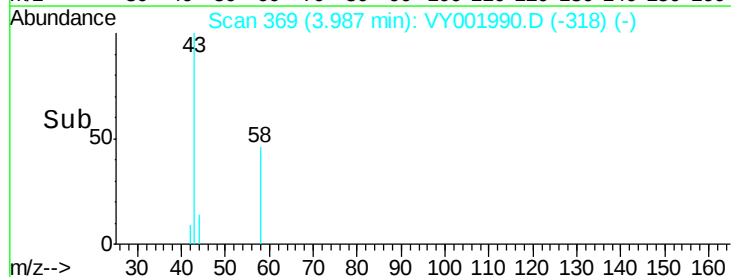
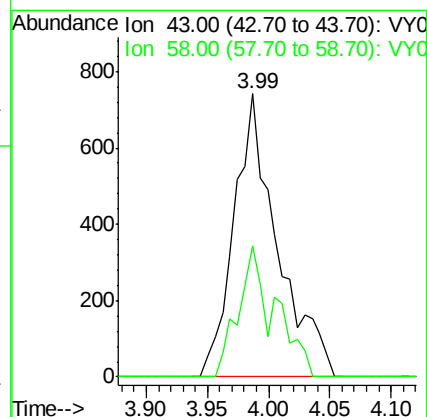
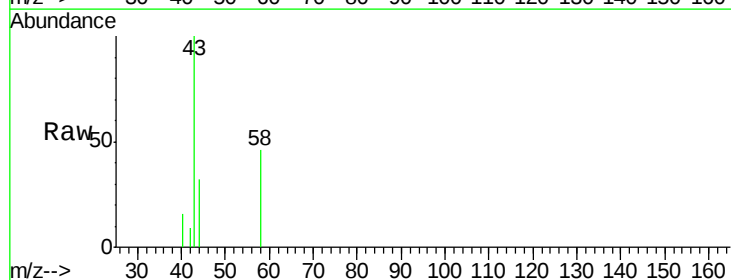
Tgt Ion: 59 Resp: 744
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

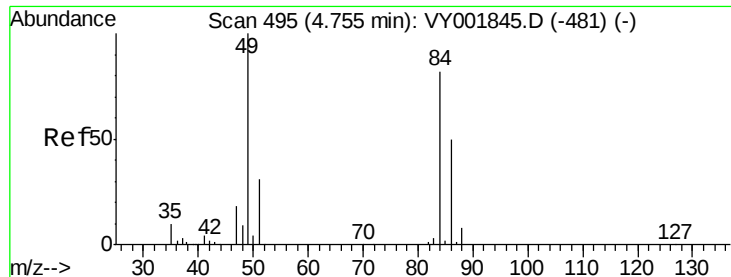


#16

Acetone
 Concen: 4.11 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY001990.D
 Acq: 17 Mar 2020 10:23

Tgt Ion: 43 Resp: 1822
 Ion Ratio Lower Upper
 43 100
 58 46.2 25.9 38.9#

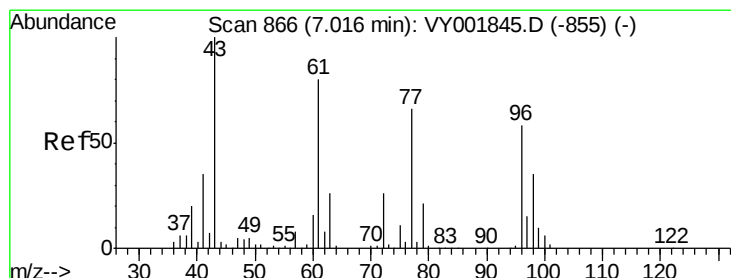
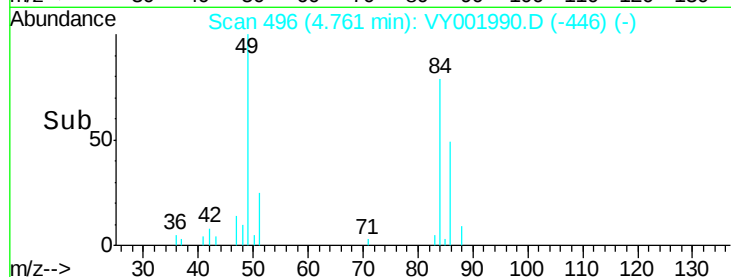
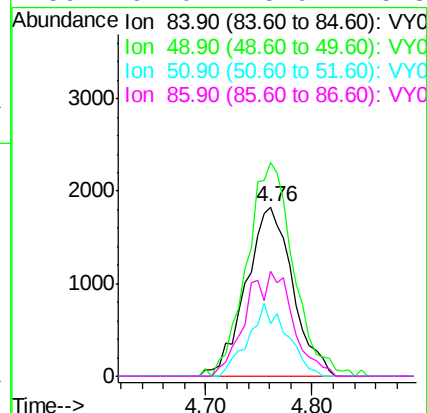
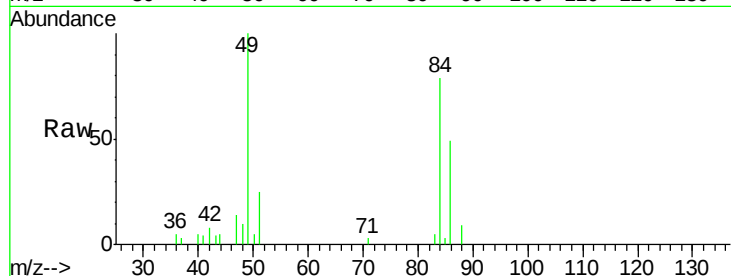




#20
Methylene Chloride
Concen: 2.95 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

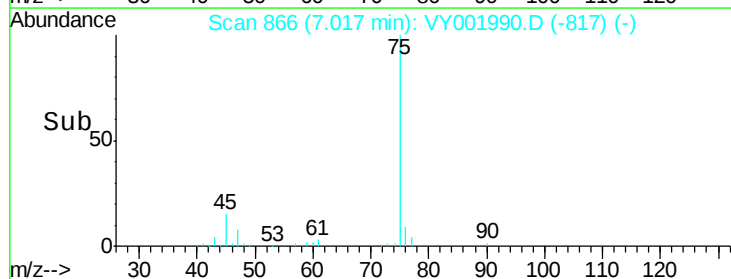
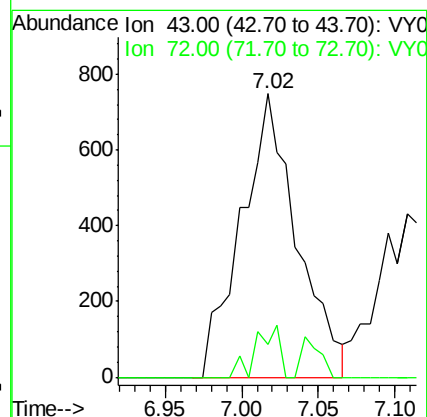
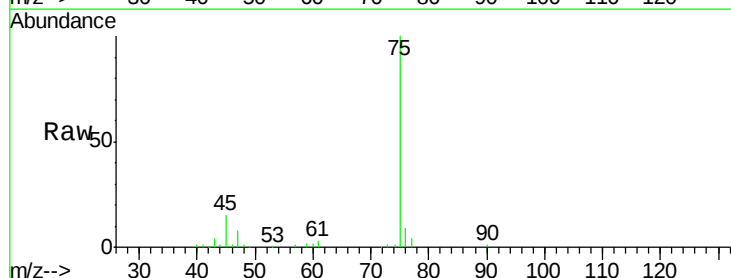
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

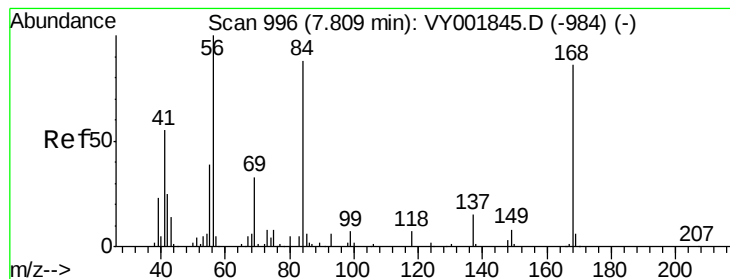
Tgt Ion:	84	Resp:	5609
Ion	Ratio	Lower	Upper
84	100		
49	126.3	98.2	147.2
51	31.0	30.2	45.2
86	62.0	48.9	73.3



#25
2-Butanone
Concen: 2.81 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

Tgt Ion:	43	Resp:	1897
Ion	Ratio	Lower	Upper
43	100		
72	11.6	20.9	31.3#





#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBL01

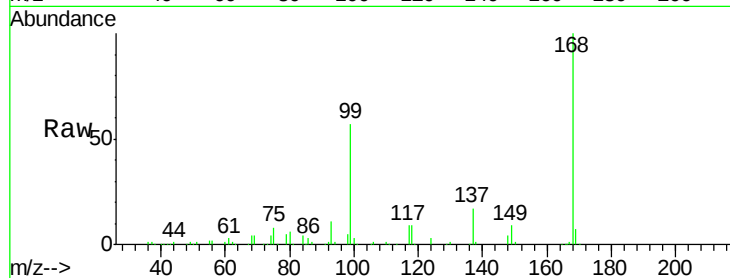
Tgt Ion: 56 Resp: 3555

Ion Ratio Lower Upper

56 100

69 148.8 26.7 40.1#

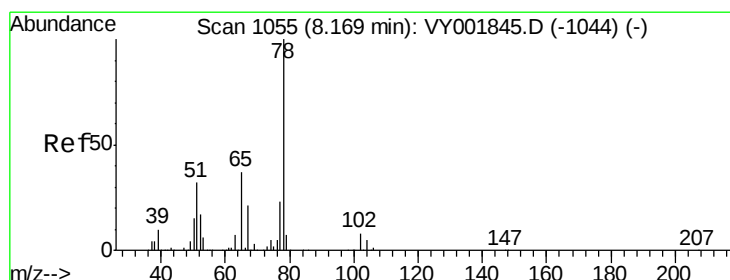
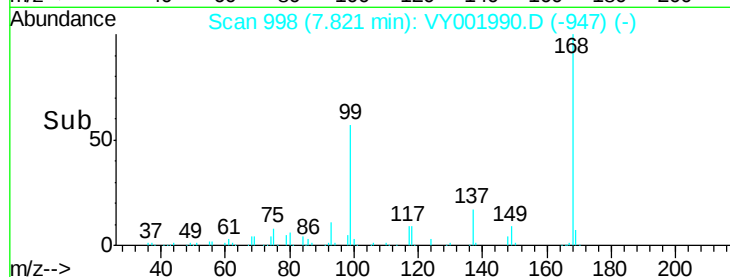
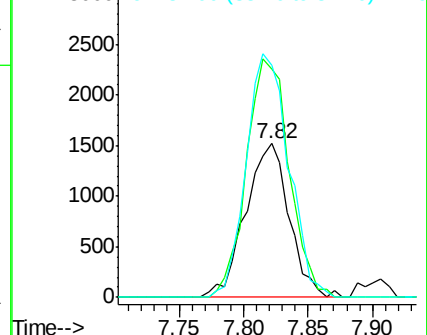
84 151.3 70.4 105.6#



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: 55.32 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001990.D

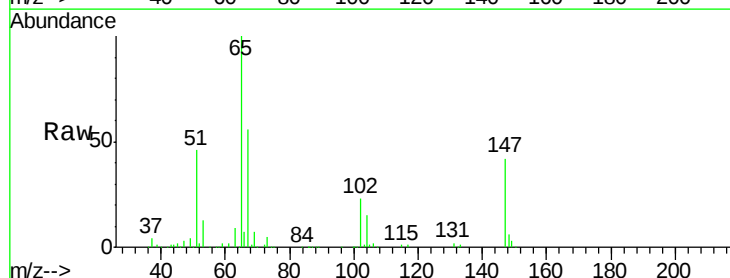
Acq: 17 Mar 2020 10:23

Tgt Ion: 65 Resp: 84179

Ion Ratio Lower Upper

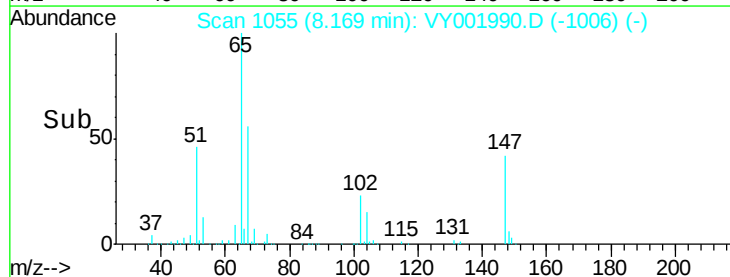
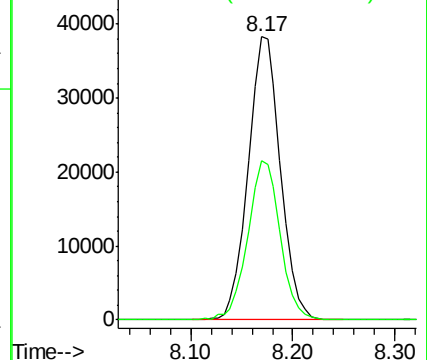
65 100

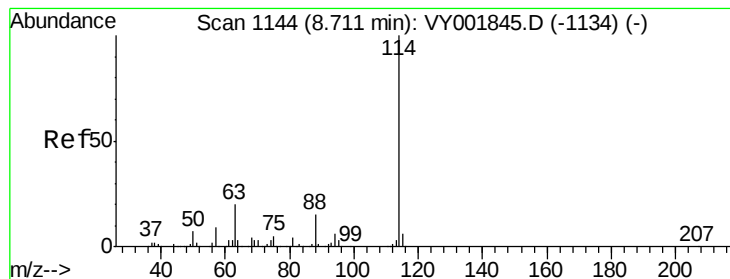
67 56.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBL01

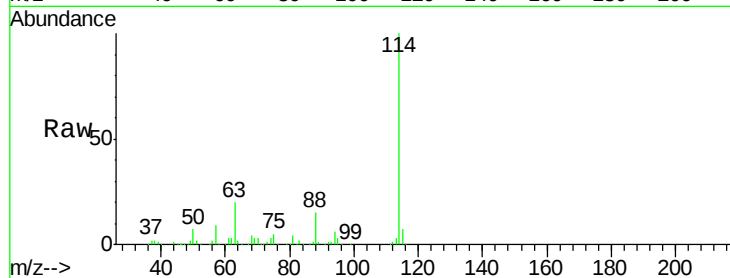
Tgt Ion:114 Resp: 271482

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 15.2 0.0 30.4



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

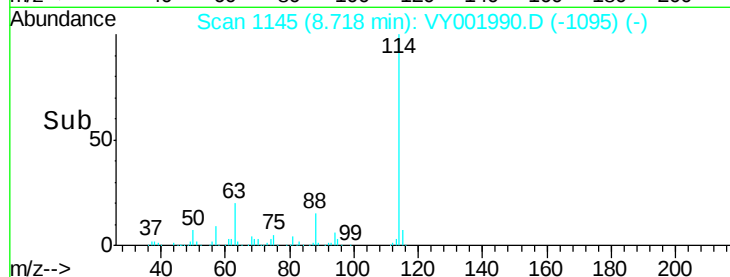
150000

100000

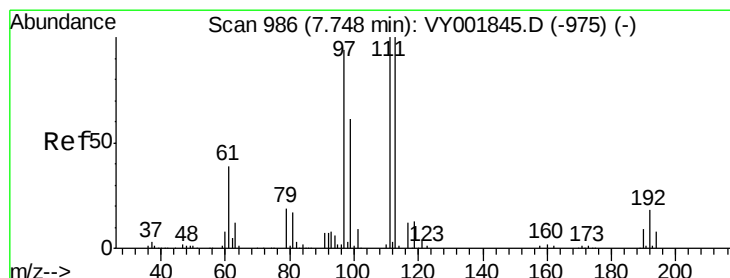
50000

0

8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 54.49 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

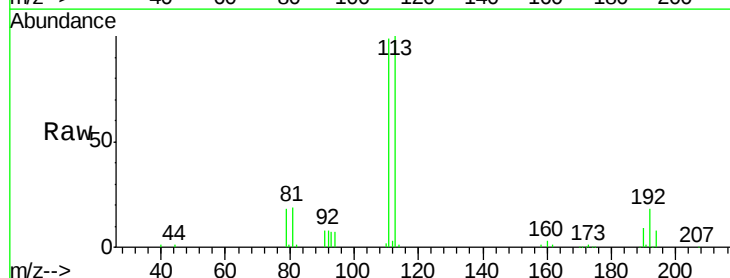
Tgt Ion:113 Resp: 80773

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 17.7 14.2 21.2



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

50000

40000

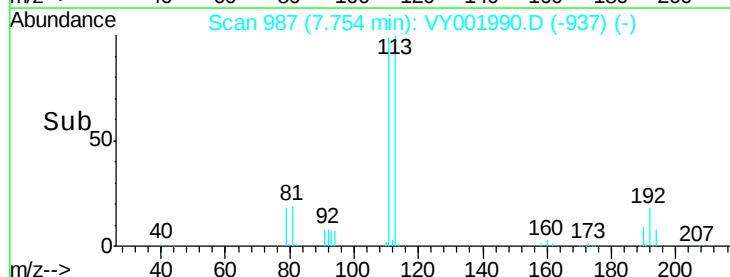
30000

20000

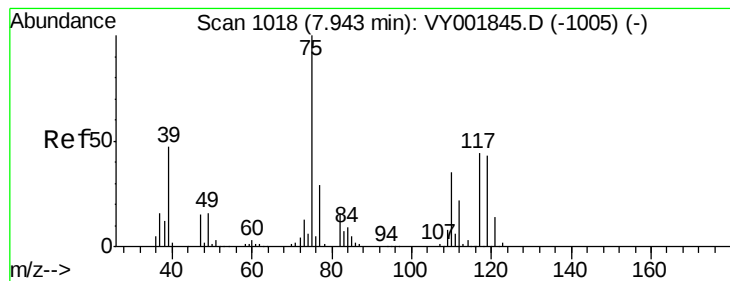
10000

0

7.70 7.80 7.90



Time-->



#36

1,1-Dichloropropene

Concen: 4.53 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBL01

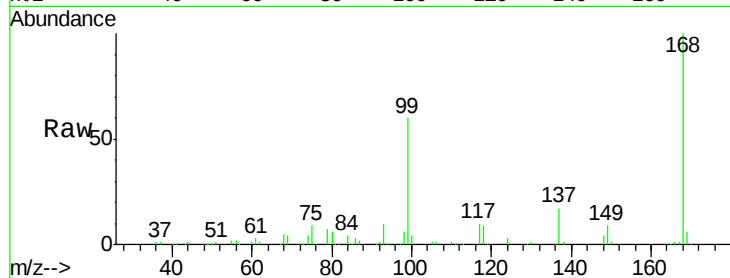
Tgt Ion: 75 Resp: 11825

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.2#

77 0.0 24.2 36.2#

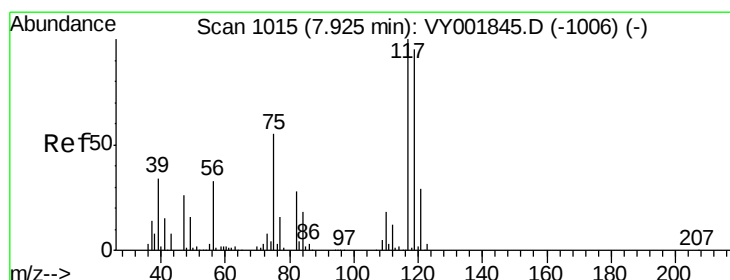
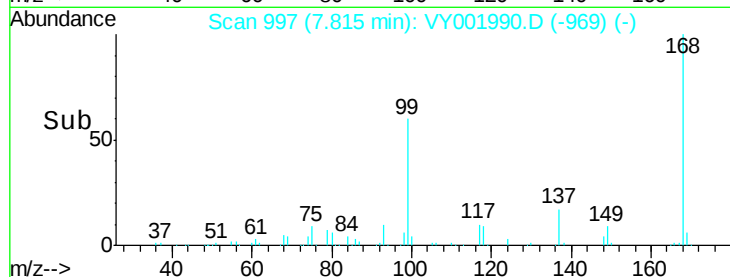


Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1005) (-)

Ion 109.90 (109.60 to 110.60): VY001845.D (-1005) (-)

Ion 76.90 (76.60 to 77.60): VY001845.D (-1005) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.42 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

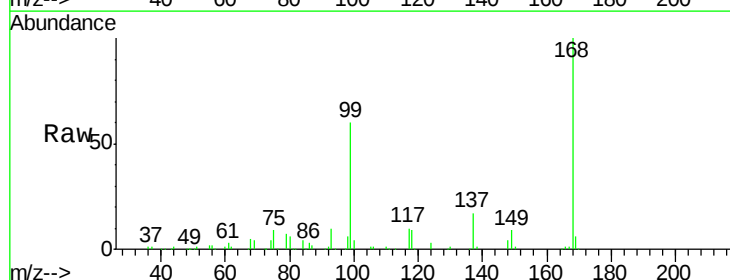
Tgt Ion: 117 Resp: 14327

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

121 0.0 23.5 35.3#

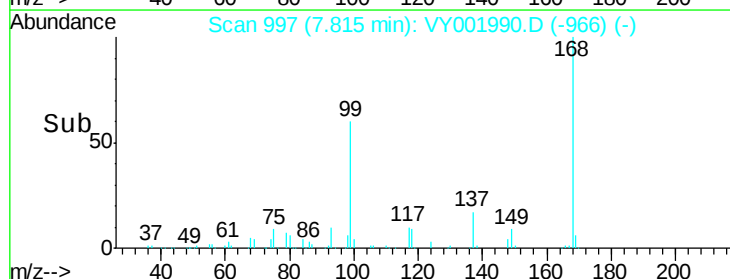


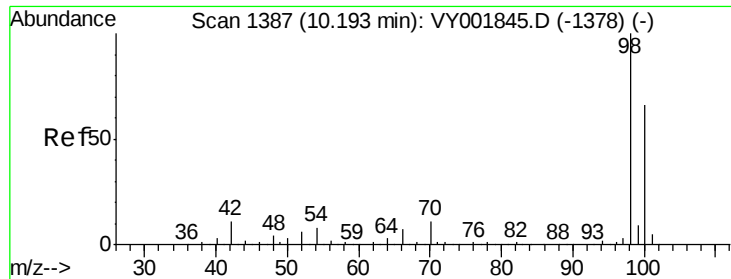
Abundance Ion 116.80 (116.50 to 117.50): VY001845.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001845.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001845.D (-1006) (-)

Time-->





#50

Toluene-d8

Concen: 53.08 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

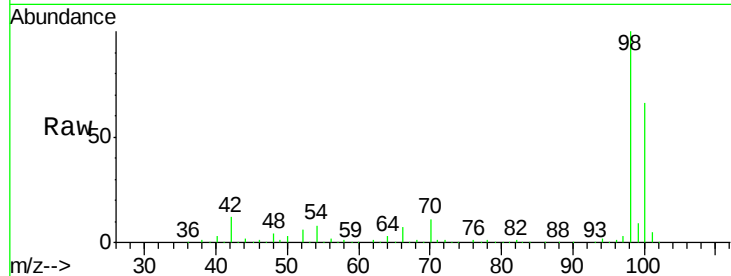
VY0317SBL01

Tgt Ion: 98 Resp: 331799

Ion Ratio Lower Upper

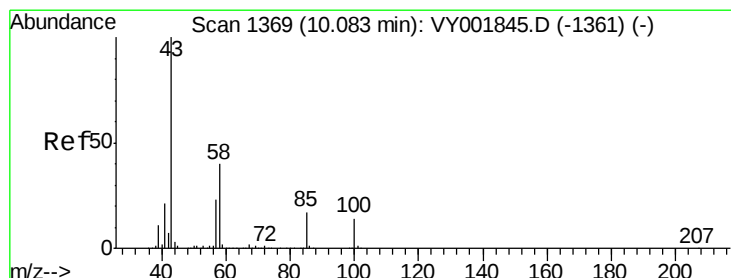
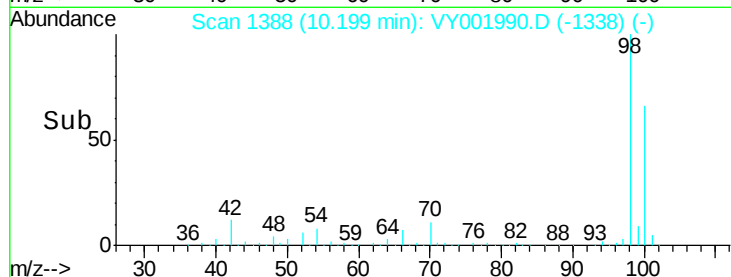
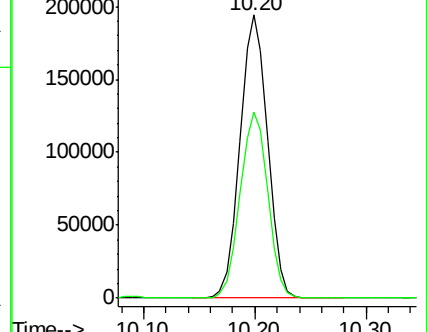
98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#51

4-Methyl-2-Pentanone

Concen: 7.41 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001990.D

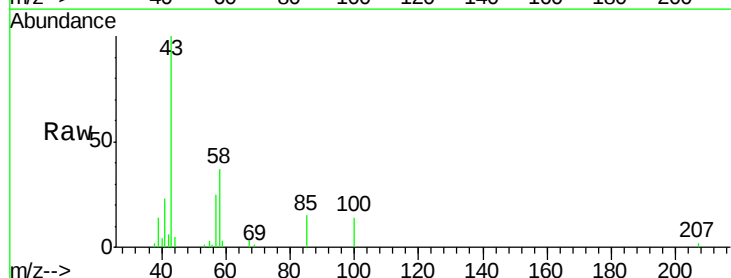
Acq: 17 Mar 2020 10:23

Tgt Ion: 43 Resp: 10976

Ion Ratio Lower Upper

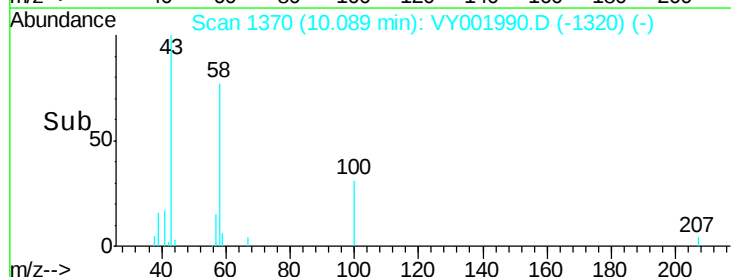
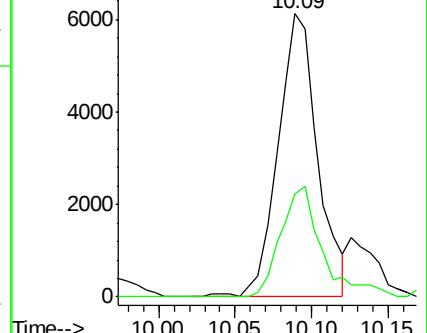
43 100

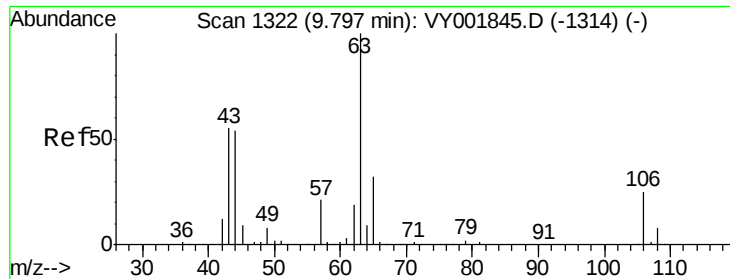
58 41.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

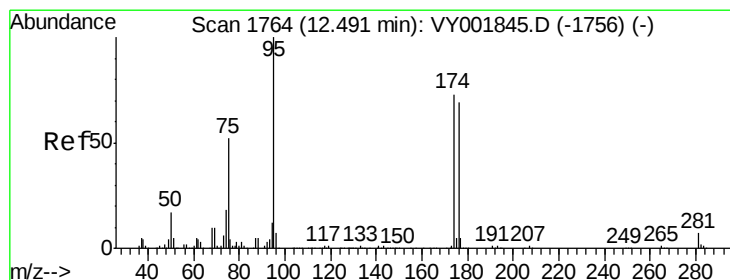
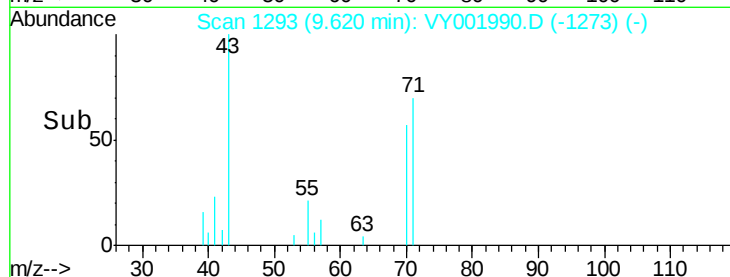
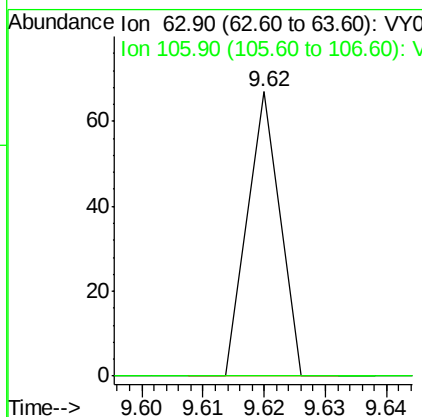
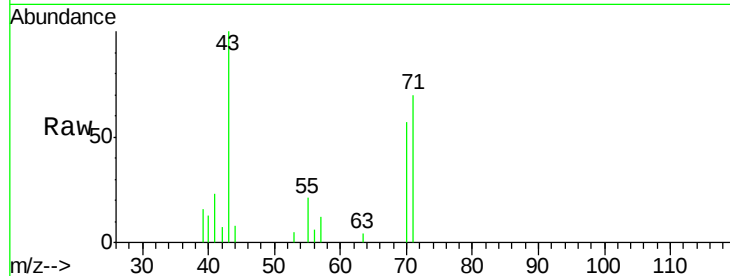




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.62 min Scan# 1293
Delta R.T. -0.18 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

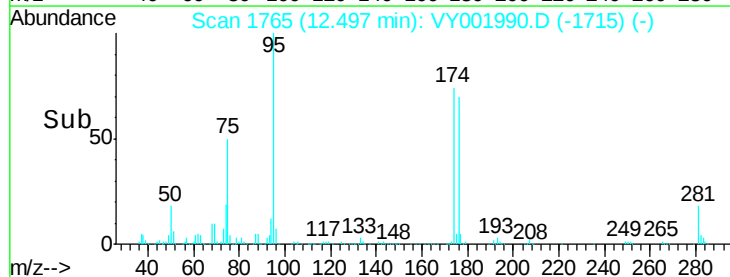
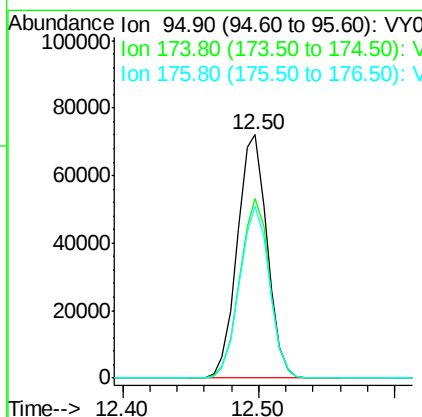
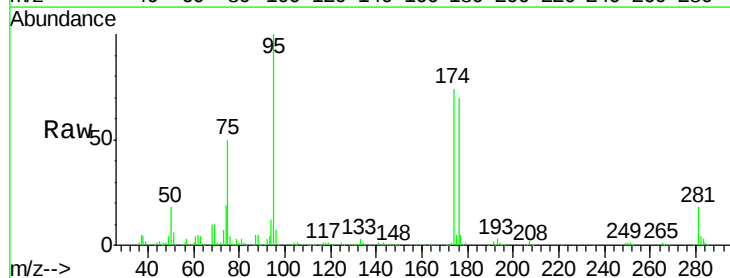
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

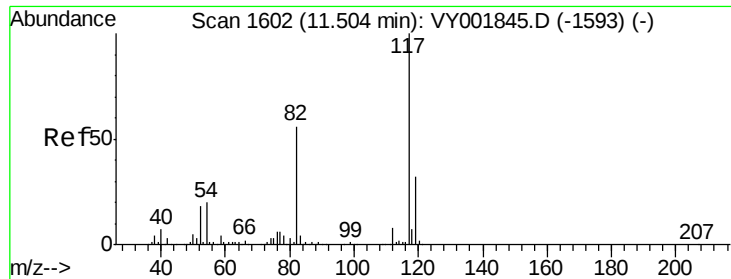
Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#62
4-Bromofluorobenzene
Concen: 50.75 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

Tgt Ion: 95 Resp: 110301
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.0
176 71.0 0.0 137.4

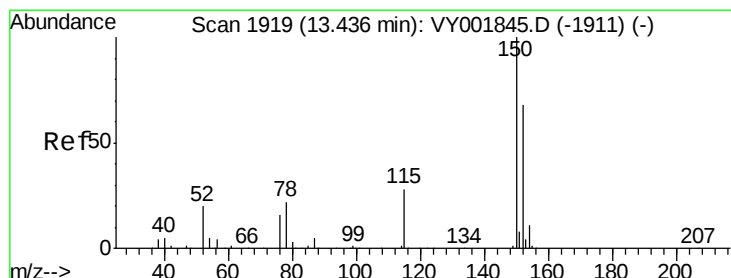
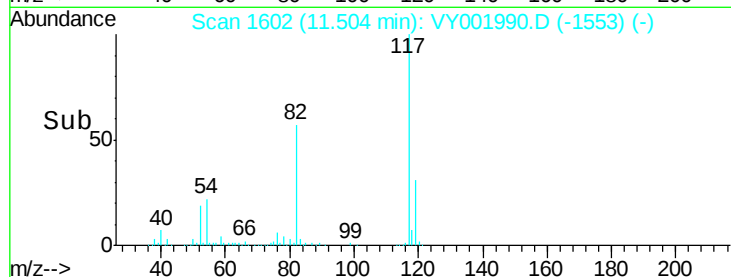
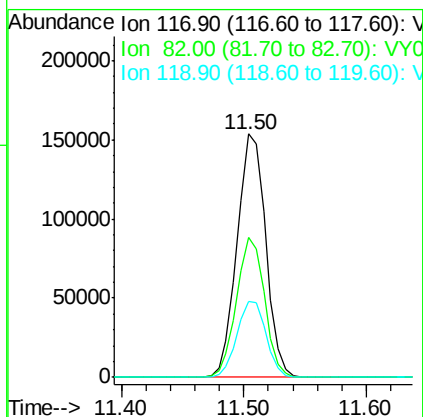
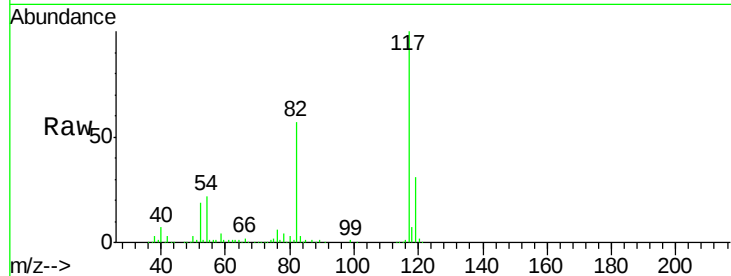




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

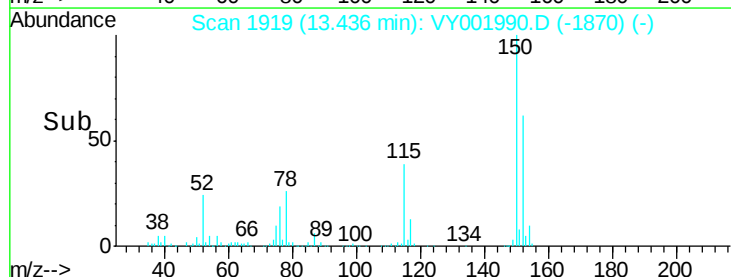
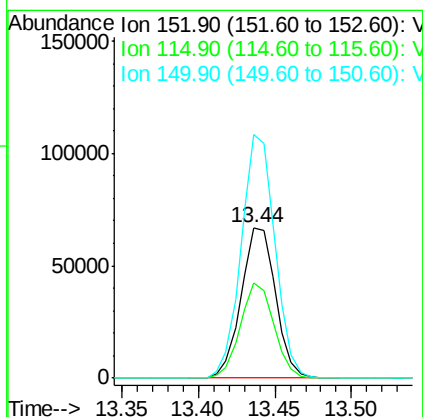
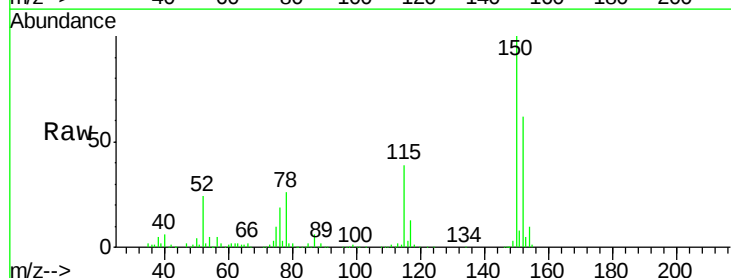
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

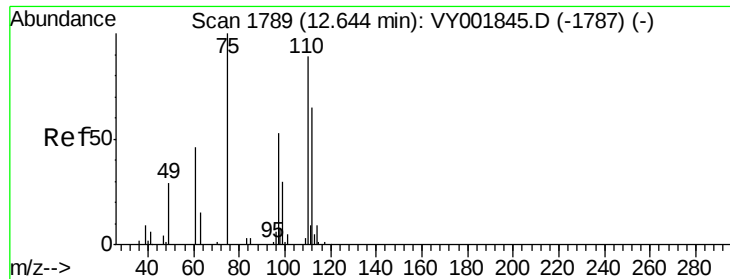
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.5	66.7
119	31.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.9	89.7
150	158.6	0.0	340.6

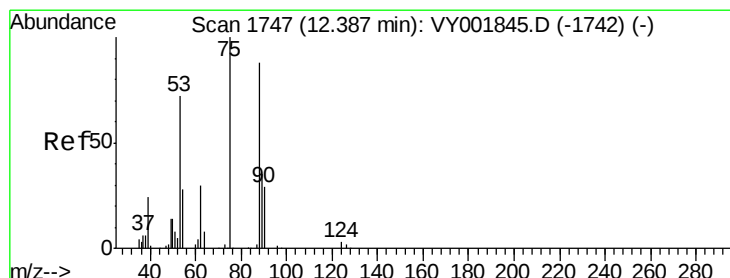
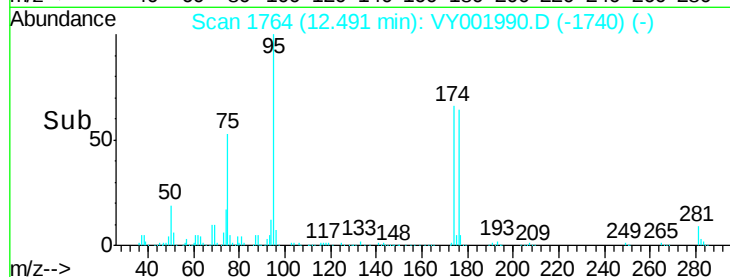
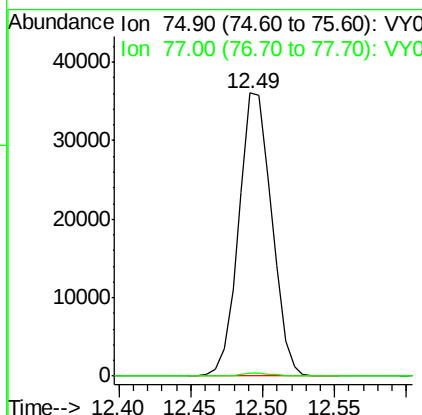
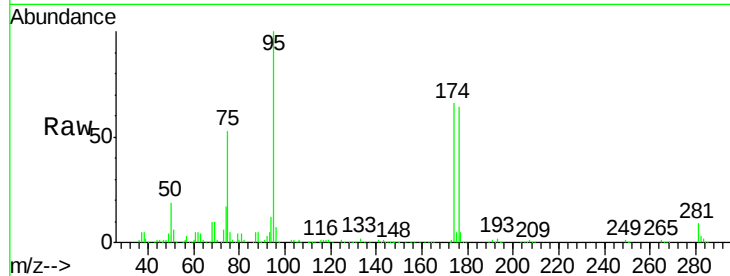




#76
 1,2,3-Trichloropropane
 Concen: 46.18 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001990.D
 Acq: 17 Mar 2020 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBL01

Tgt Ion: 75 Resp: 57301
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.28 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001990.D
 Acq: 17 Mar 2020 10:23

Tgt Ion: 75 Resp: 57301
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.5 36.0 54.0#

