

Data File : VY001978.D
Acq On : 16 Mar 2020 13:23
Operator : SY/MD
Sample : L1942-16
Misc : 7.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3(9-10)

Quant Time: Mar 17 08:05:23 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	7.81	168	140696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	264498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	240234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104991	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	83685	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
35) Dibromofluoromethane	7.75	113	77025	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.20	98	324727	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.49	95	108904	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

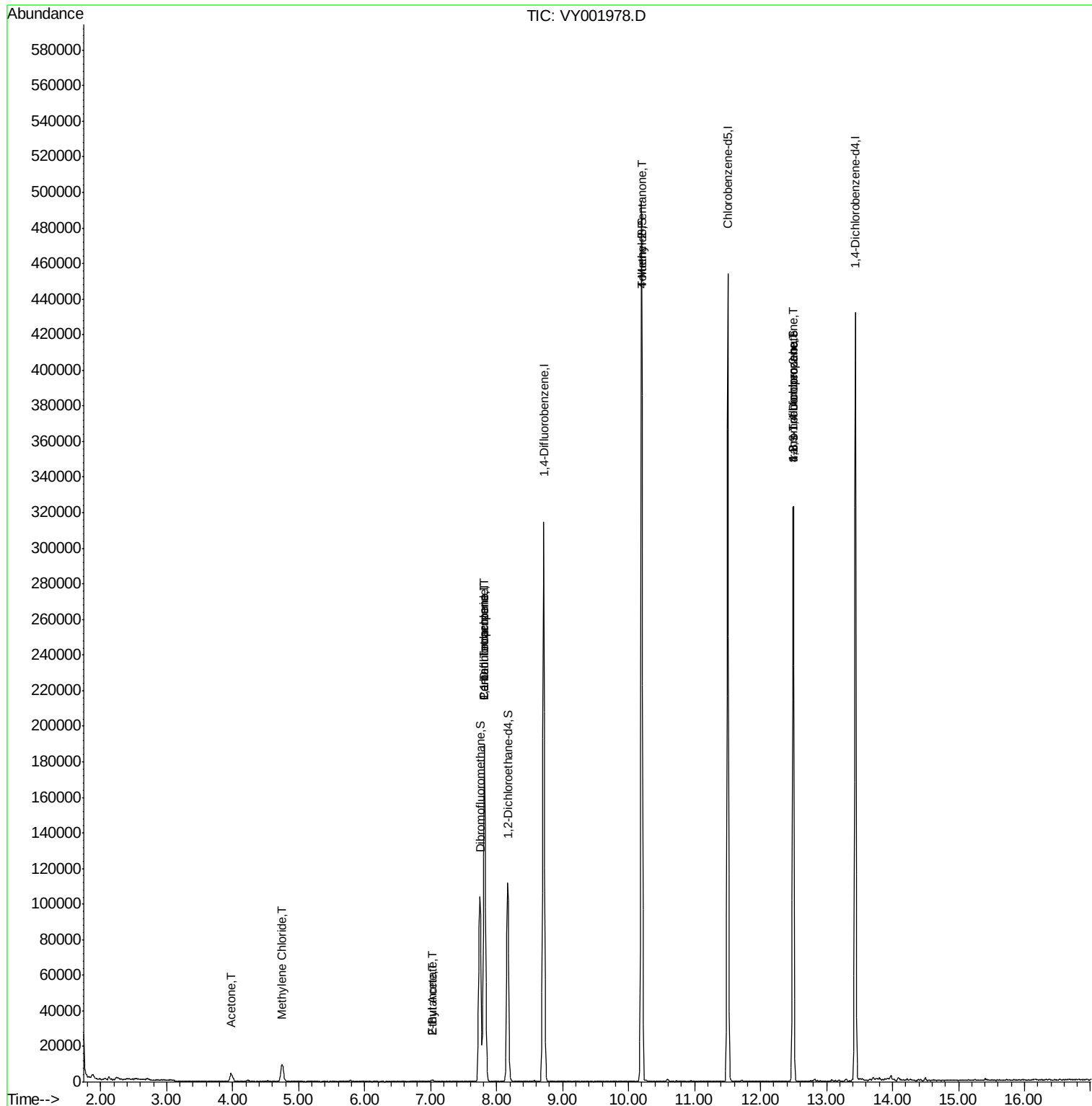
Target Compounds			Qvalue			
5) Bromomethane	2.68	94	74	Below Cal	#	4
11) Tert butyl alcohol	5.01	59	94	Below Cal	#	74
16) Acetone	3.97	43	8906	20.358	ug/l #	81
20) Methylene Chloride	4.75	84	6976	3.721	ug/l #	89
25) 2-Butanone	7.03	43	1513	2.274	ug/l #	89
36) 1,1-Dichloropropene	7.81	75	12071	4.743	ug/l #	50
37) Ethyl Acetate	7.03	43	1513	1.023	ug/l #	69
38) Carbon Tetrachloride	7.81	117	13994	6.436	ug/l #	16
51) 4-Methyl-2-Pentanone	10.20	43	1459	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	55201	44.310	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55201	89.504	ug/l #	17

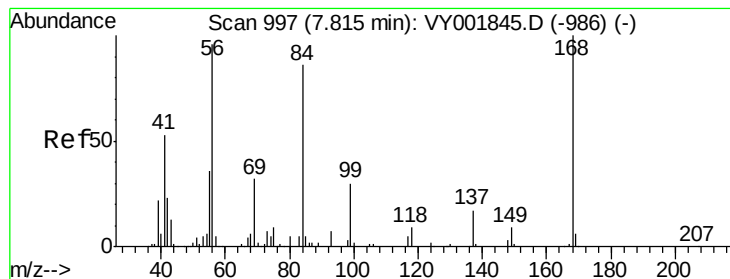
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VY001978.D
Acq On : 16 Mar 2020 13:23
Operator : SY/MD
Sample : L1942-16
Misc : 7.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3(9-10)

Quant Time: Mar 17 08:05:23 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001978.D

Acq: 16 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

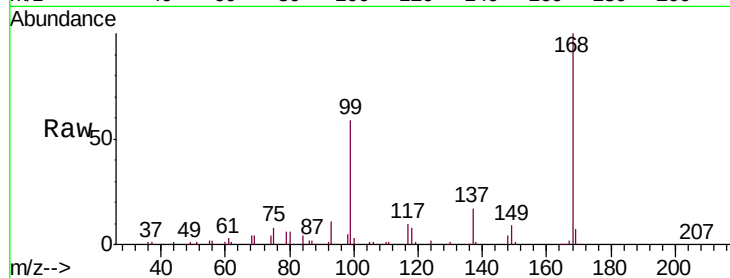
TP-3(9-10)

Tgt Ion:168 Resp: 140696

Ion Ratio Lower Upper

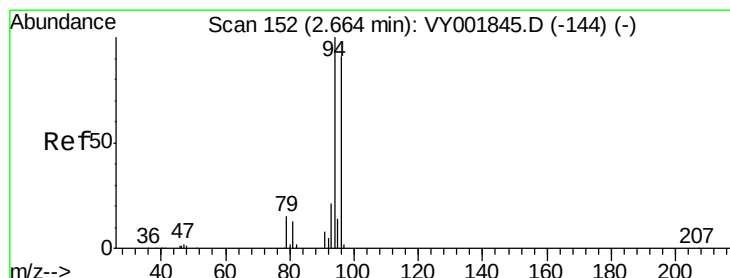
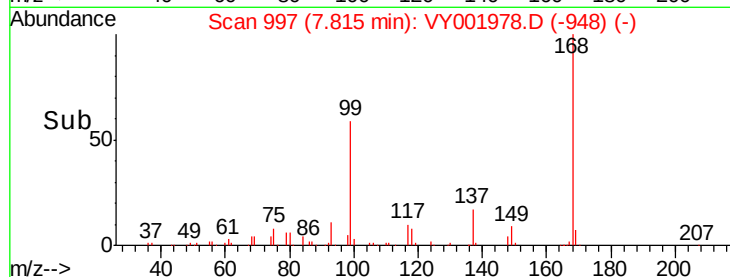
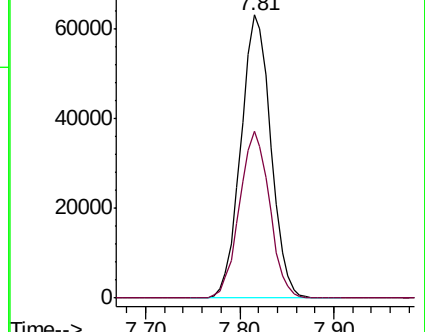
168 100

99 58.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.68 min Scan# 155

Delta R.T. 0.02 min

Lab File: VY001978.D

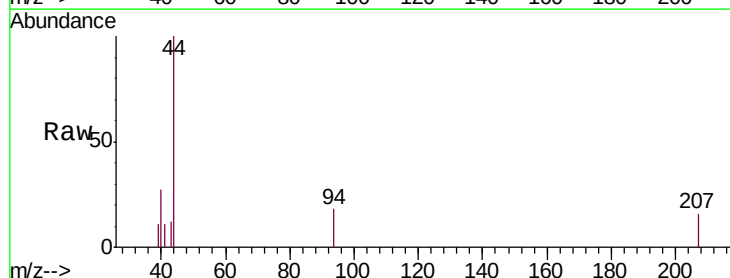
Acq: 16 Mar 2020 13:23

Tgt Ion: 94 Resp: 74

Ion Ratio Lower Upper

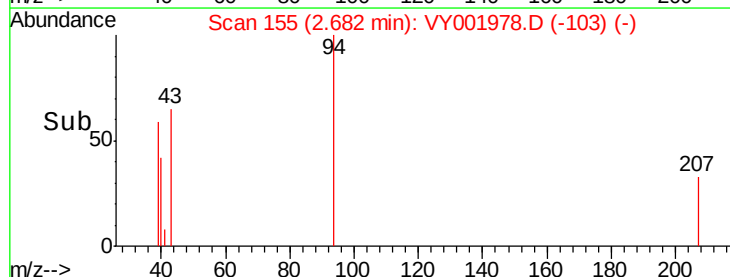
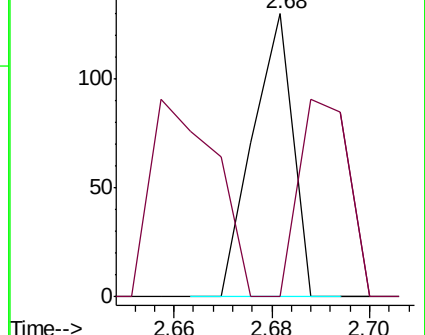
94 100

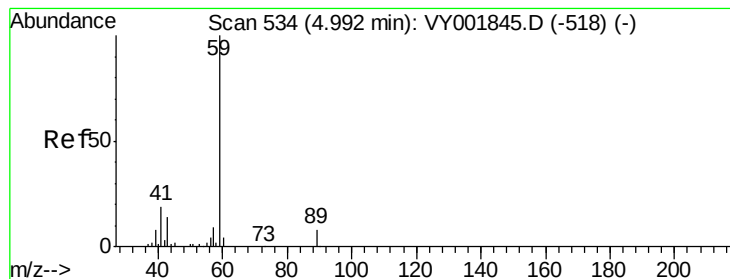
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)



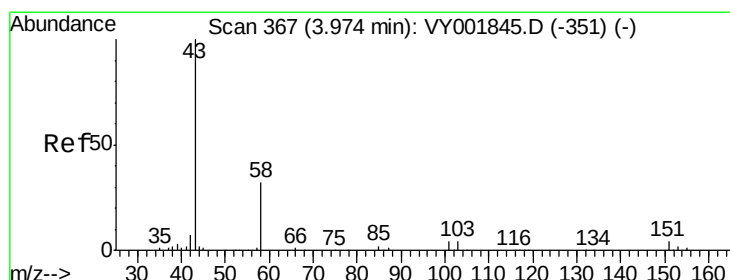
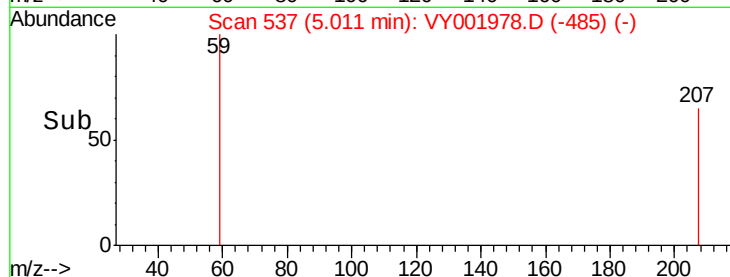
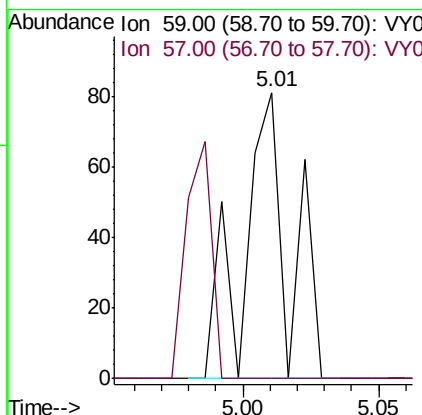
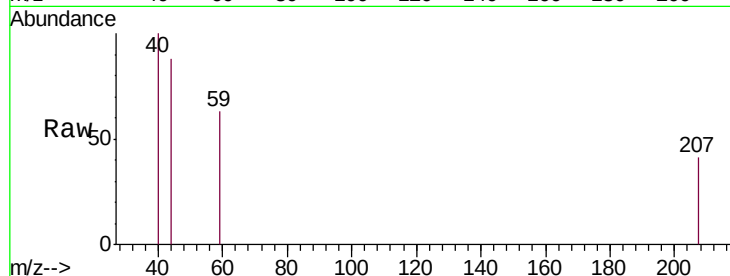


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.01 min Scan# 537
 Delta R.T. 0.02 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(9-10)

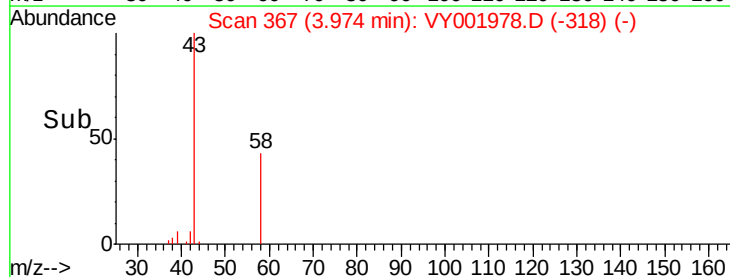
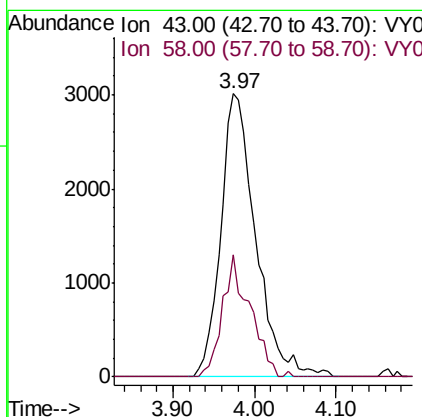
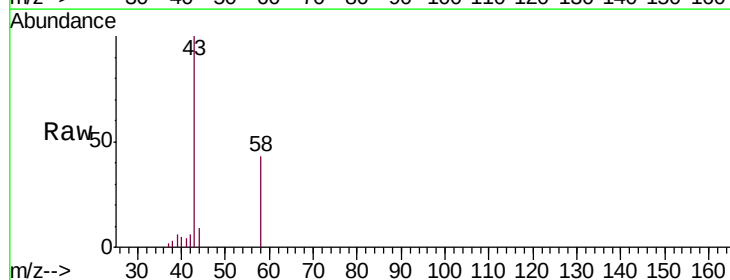
Tgt Ion: 59 Resp: 94
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

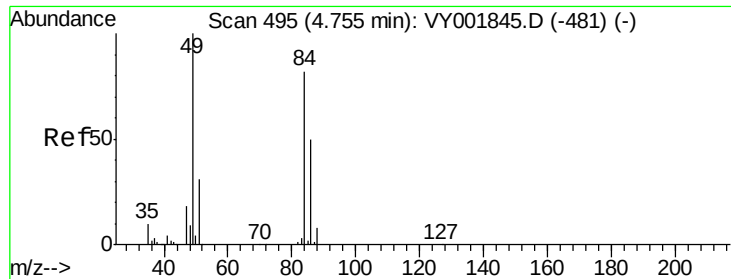


#16

Acetone
 Concen: 20.358 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Tgt Ion: 43 Resp: 8906
 Ion Ratio Lower Upper
 43 100
 58 43.3 25.9 38.9#

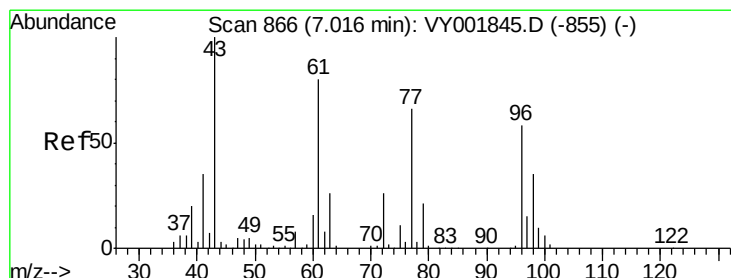
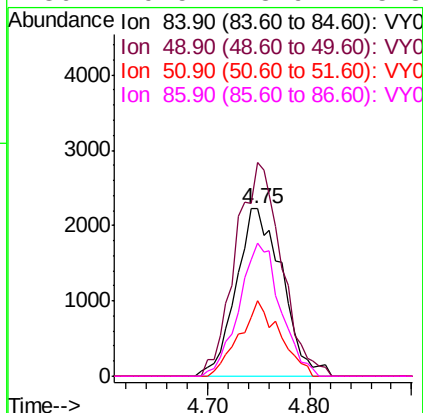
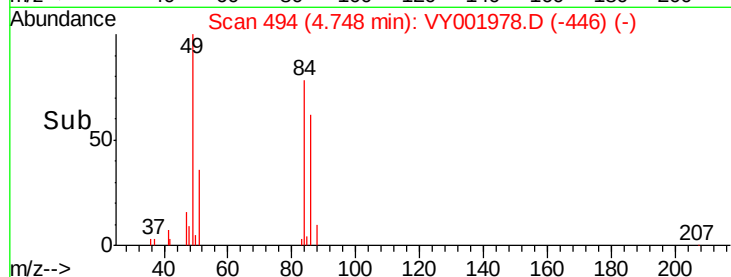
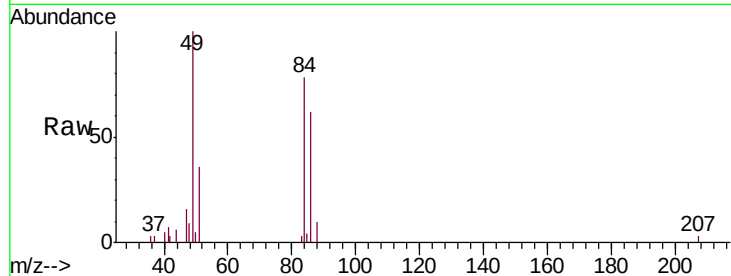




#20
Methylene Chloride
Concen: 3.721 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001978.D
Acq: 16 Mar 2020 13:23

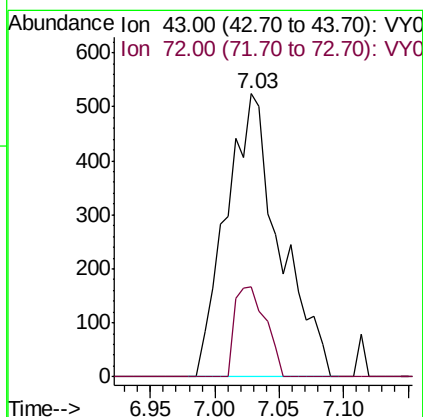
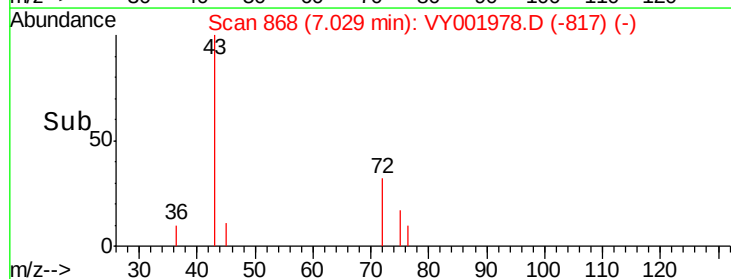
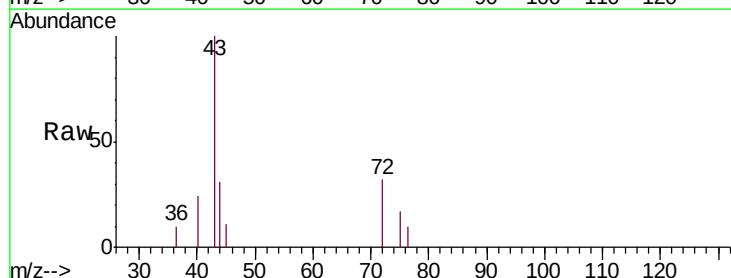
Instrument :
MSVOA_Y
ClientSampleId :
TP-3(9-10)

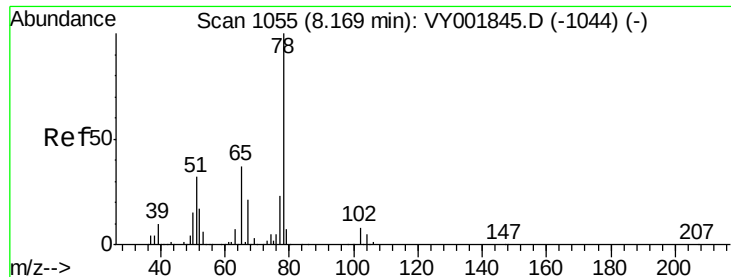
Tgt Ion: 84 Resp: 6976
Ion Ratio Lower Upper
84 100
49 127.4 98.2 147.2
51 45.3 30.2 45.2#
86 79.5 48.9 73.3#



#25
2-Butanone
Concen: 2.274 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001978.D
Acq: 16 Mar 2020 13:23

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
72 31.7 20.9 31.3#

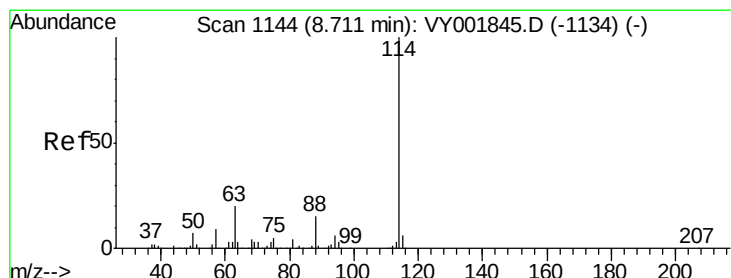
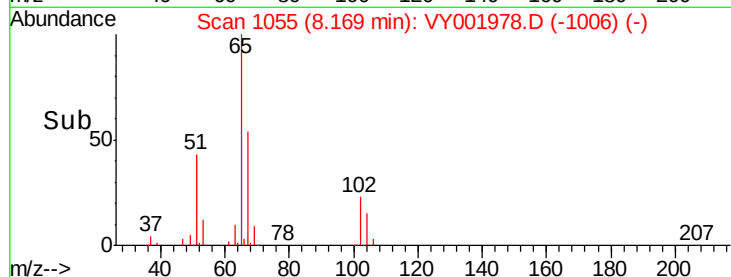
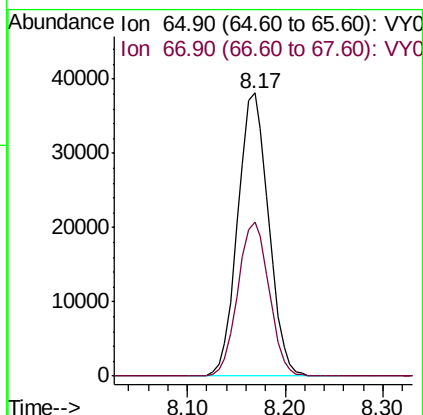
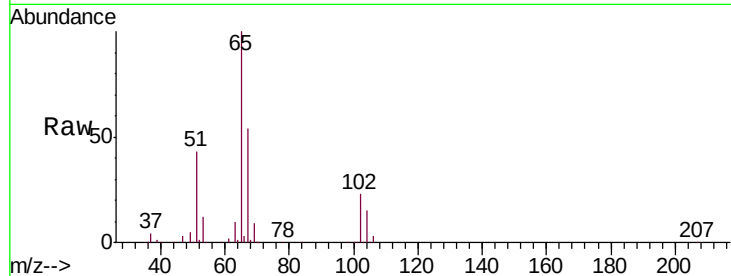




#33
 1,2-Dichloroethane-d4
 Concen: 55.715 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

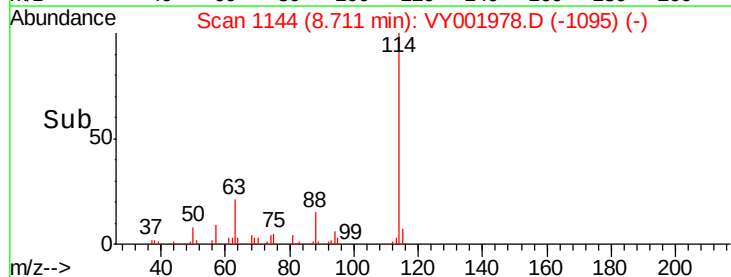
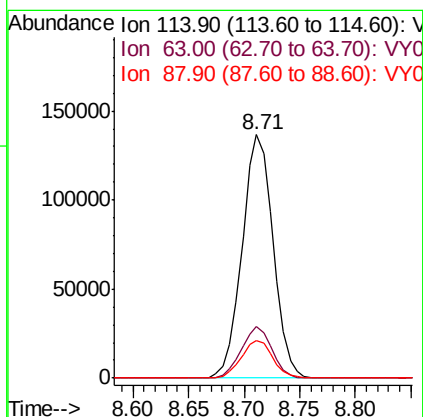
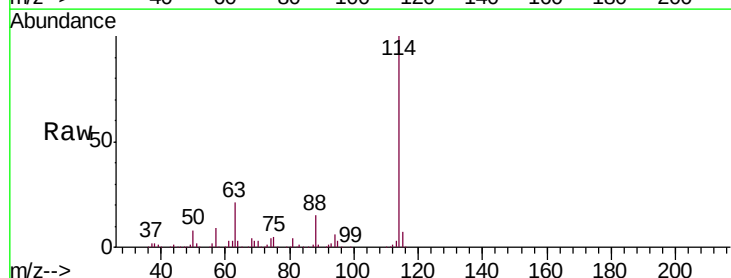
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(9-10)

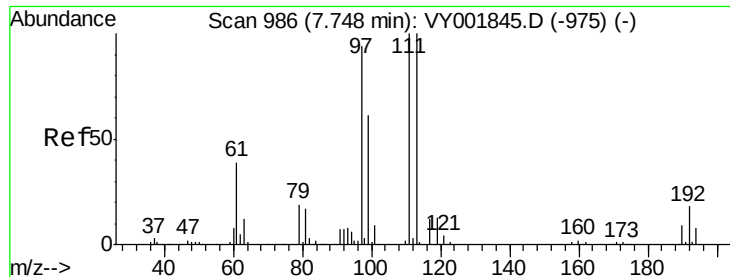
Tgt Ion: 65 Resp: 83685
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Tgt Ion: 114 Resp: 264498
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.4
 88 15.4 0.0 30.4

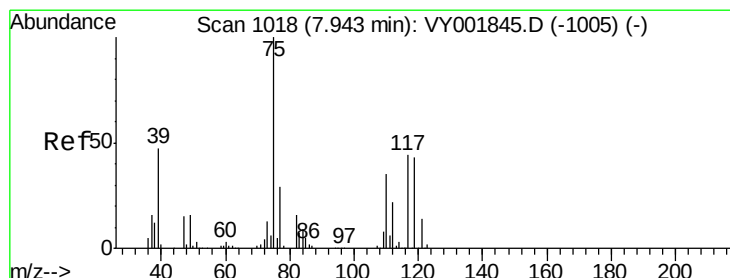
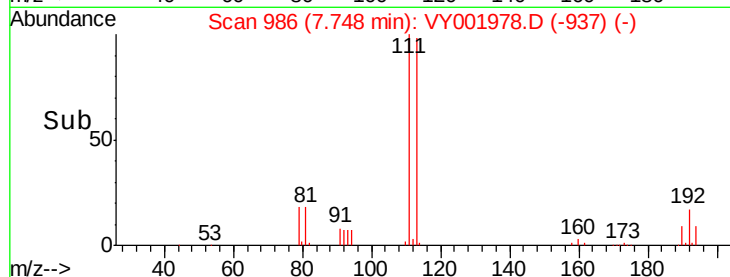
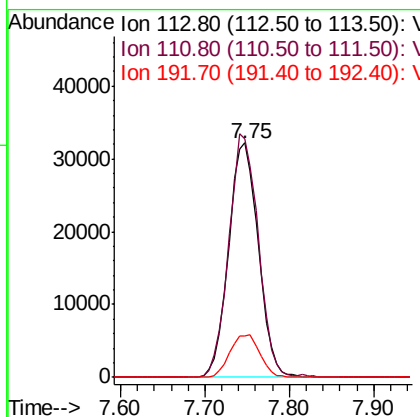
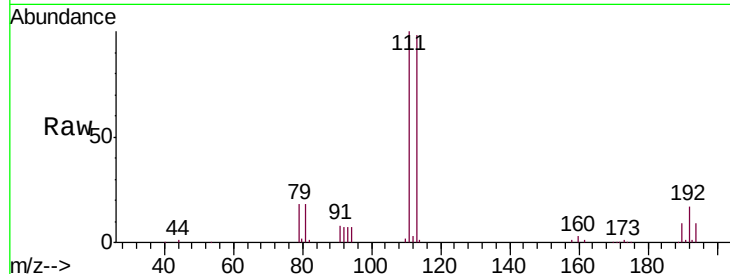




#35
 Dibromofluoromethane
 Concen: 53.331 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

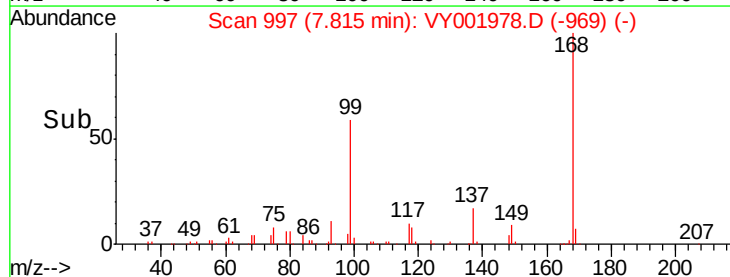
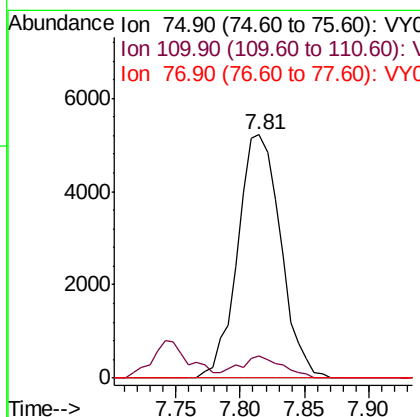
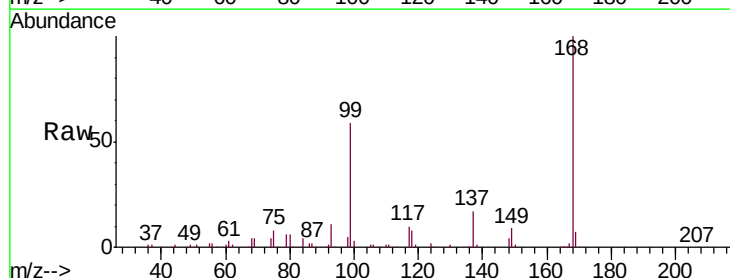
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(9-10)

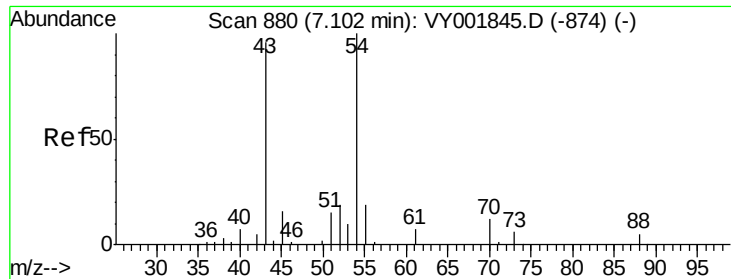
Tgt Ion:113 Resp: 77025
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 18.3 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.743 ug/l
 RT: 7.81 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Tgt Ion: 75 Resp: 12071
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.4 52.2#
 77 0.0 24.2 36.2#

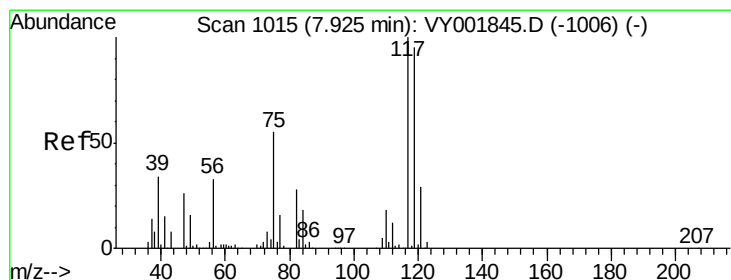
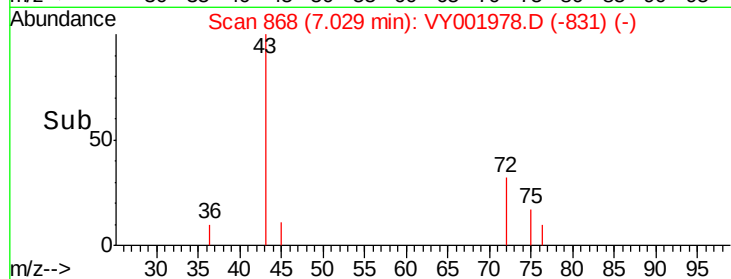
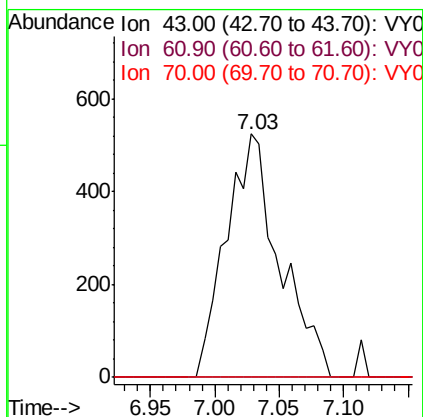
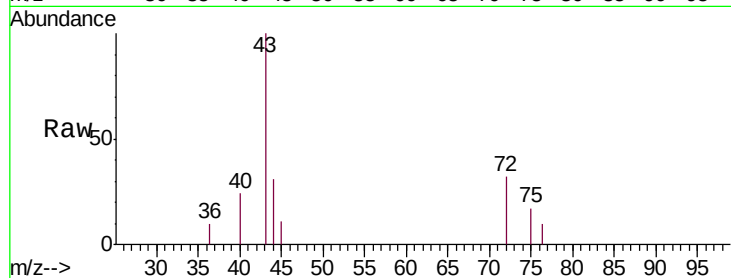




#37
 Ethyl Acetate
 Concen: 1.023 ug/l
 RT: 7.03 min Scan# 868
 Delta R.T. -0.07 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

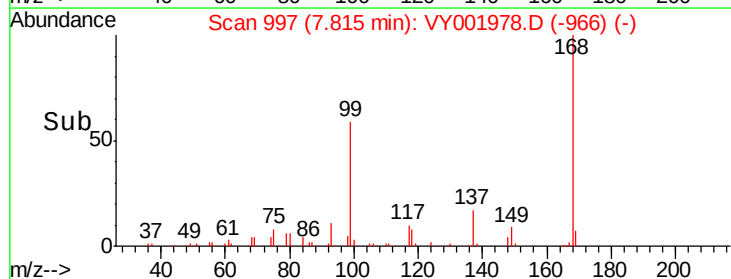
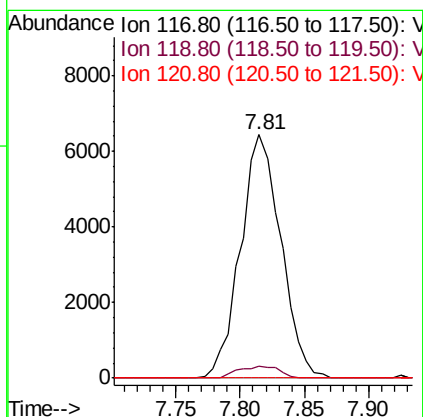
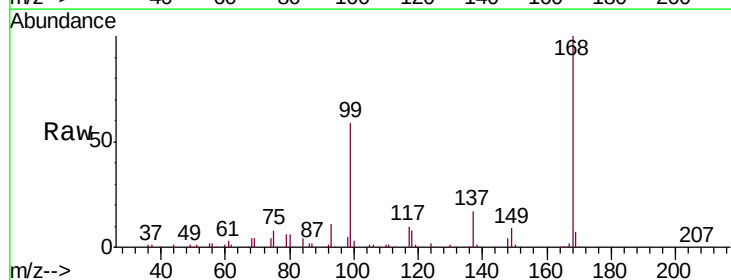
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(9-10)

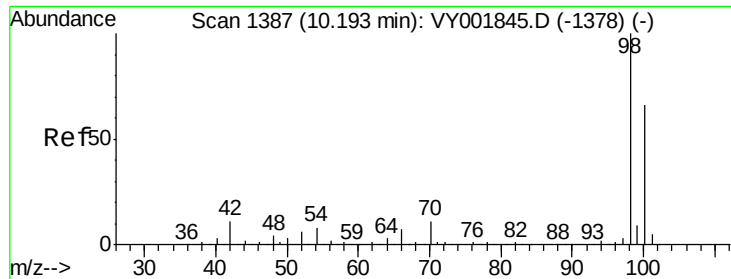
Tgt Ion: 43 Resp: 1513
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 8.2 12.4#



#38
 Carbon Tetrachloride
 Concen: 6.436 ug/l
 RT: 7.81 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Tgt Ion: 117 Resp: 13994
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 53.319 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001978.D

Acq: 16 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

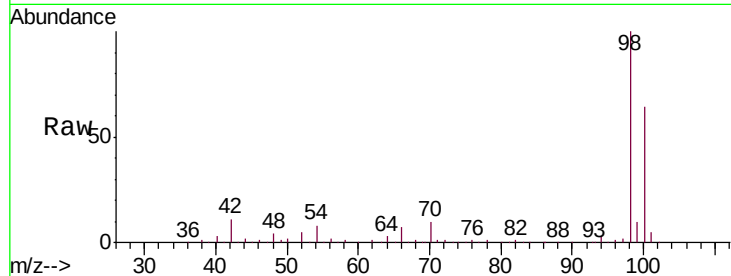
TP-3(9-10)

Tgt Ion: 98 Resp: 324727

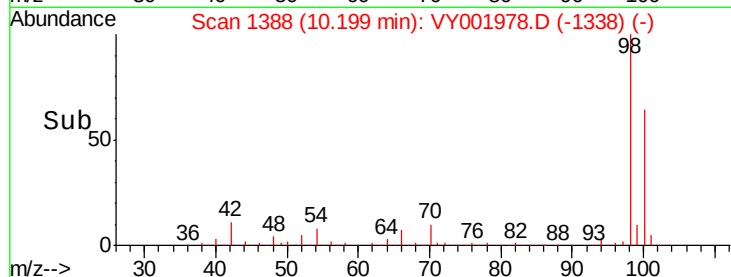
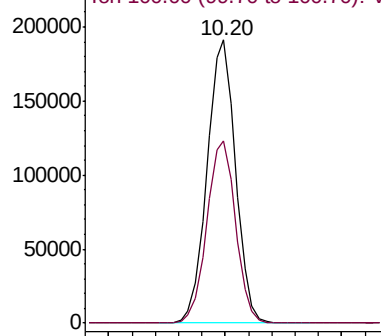
Ion Ratio Lower Upper

98 100

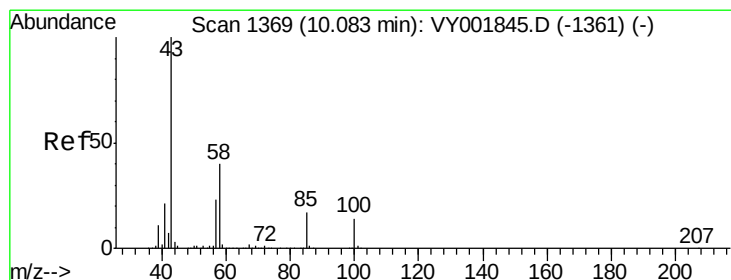
100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.011 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.12 min

Lab File: VY001978.D

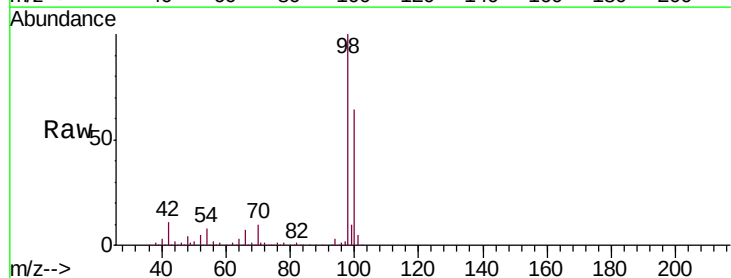
Acq: 16 Mar 2020 13:23

Tgt Ion: 43 Resp: 1459

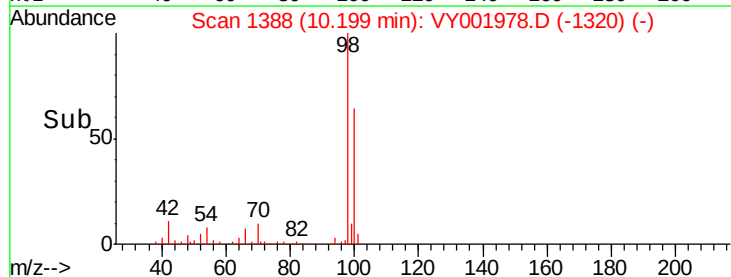
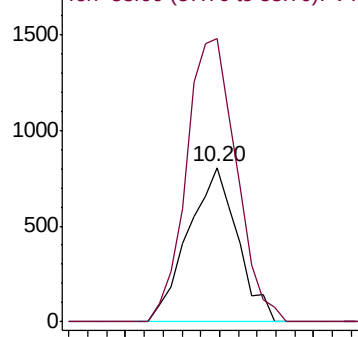
Ion Ratio Lower Upper

43 100

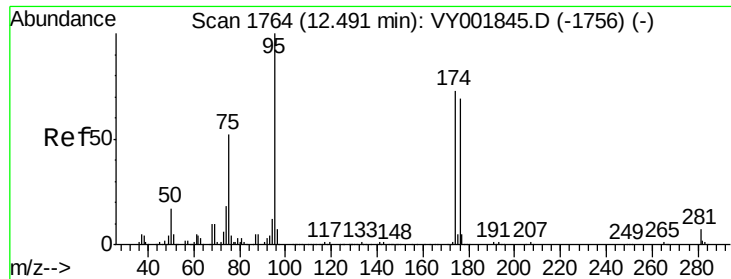
58 185.7 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)



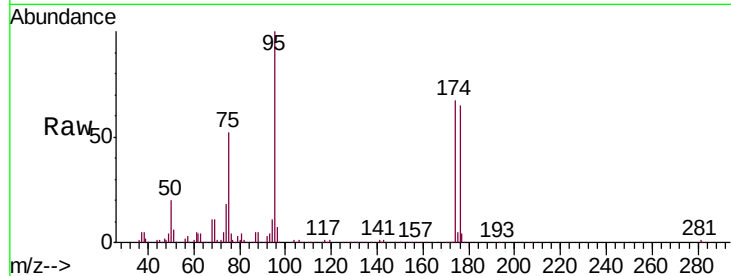
Time-->



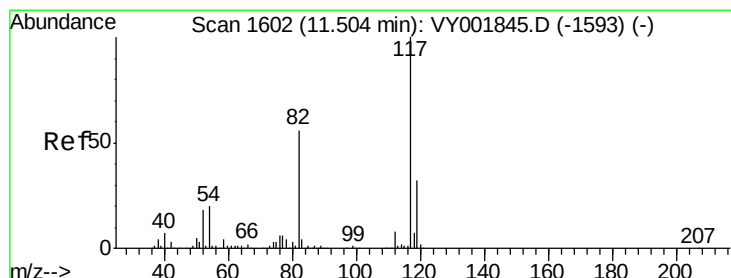
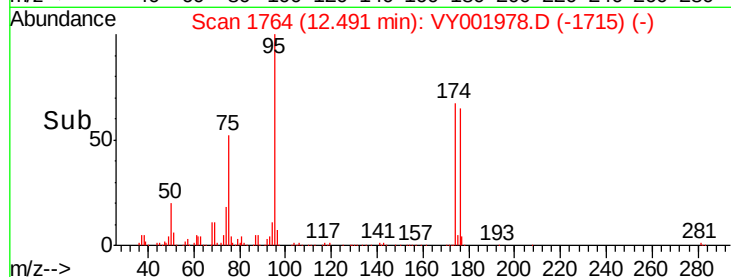
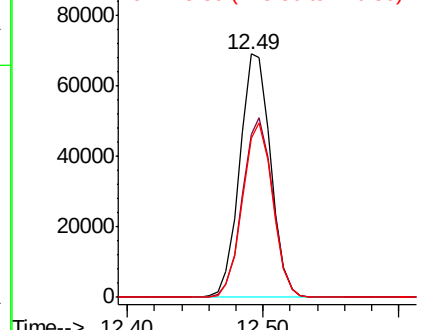
#62
4-Bromofluorobenzene
Concen: 51.426 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001978.D
Acq: 16 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-3(9-10)

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	145.0
176	70.6	0.0	137.4

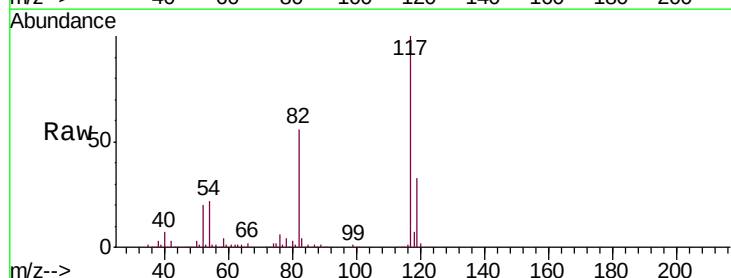


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

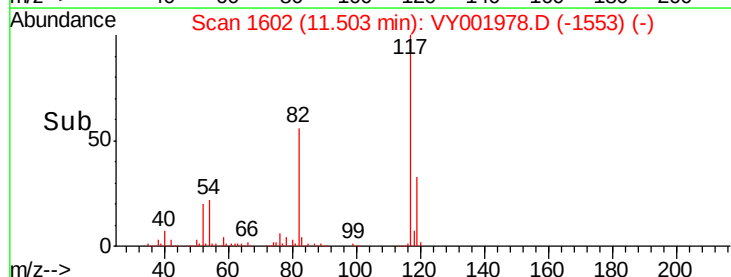
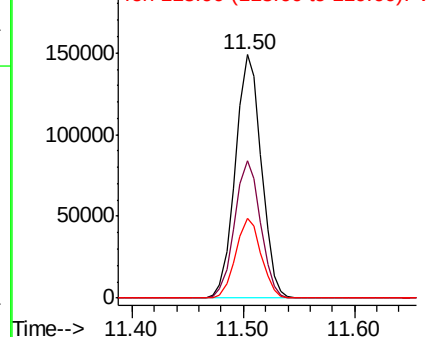


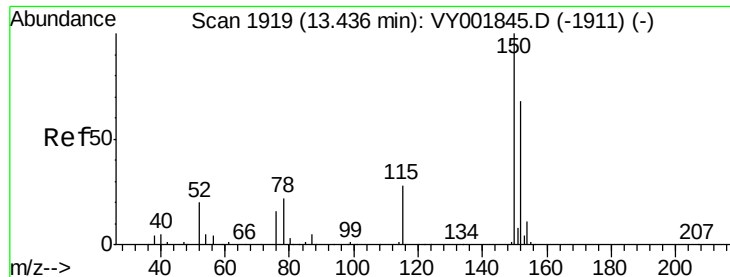
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001978.D
Acq: 16 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.9	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

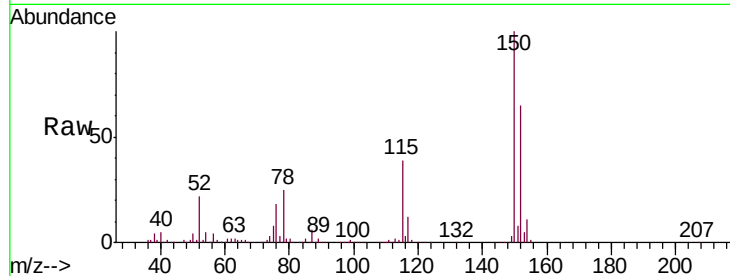




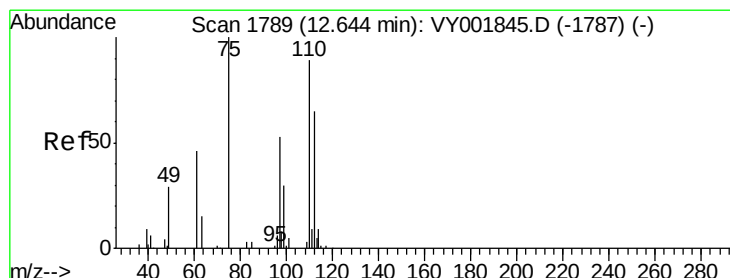
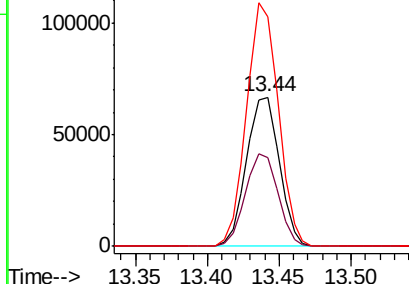
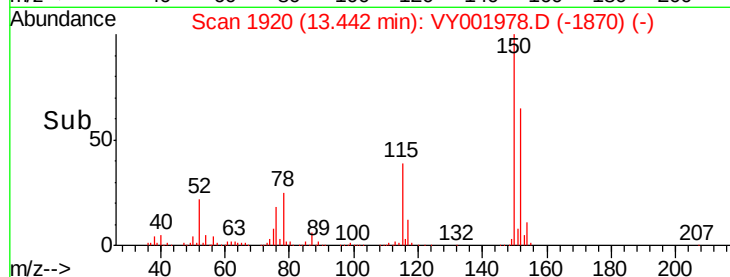
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(9-10)

Tgt Ion: 152 Resp: 104991
 Ion Ratio Lower Upper
 152 100
 115 61.8 29.9 89.7
 150 158.6 0.0 340.6

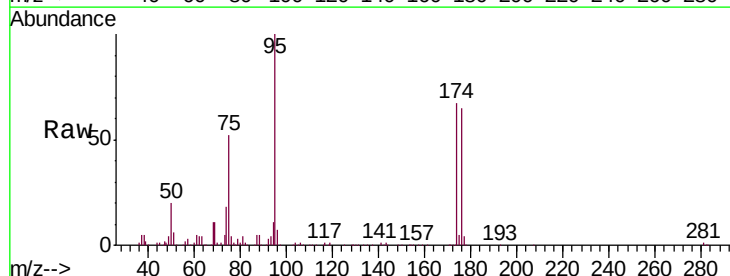


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

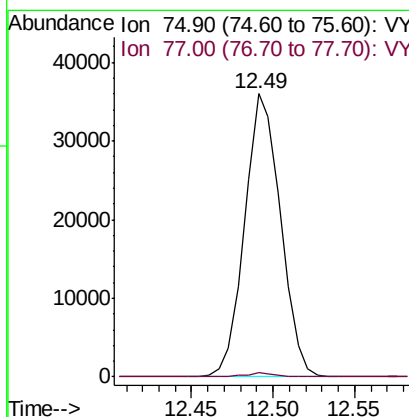
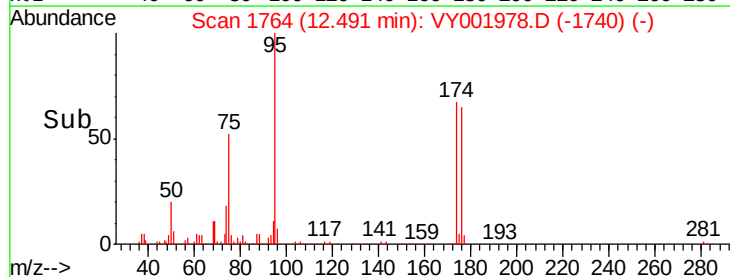


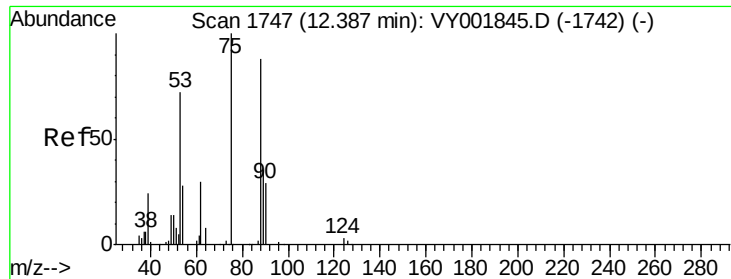
#76
 1,2,3-Trichloropropane
 Concen: 44.310 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001978.D
 Acq: 16 Mar 2020 13:23

Tgt Ion: 75 Resp: 55201
 Ion Ratio Lower Upper
 75 100
 77 1.2 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: 89.504 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001978.D

Acq: 16 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-3(9-10)

Tgt Ion: 75 Resp: 55201

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.2 36.0 54.0#

