

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001857.D
 Acq On : 04 Mar 2020 16:35
 Operator : SY/MD
 Sample : L1775-13RE
 Misc : 7.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-3

Quant Time: Mar 05 04:10:46 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	7.80	168	147910	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	280088	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	256582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	95066	60.21	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	120.42%	
35) Dibromofluoromethane	7.74	113	82036	53.64	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.28%	
50) Toluene-d8	10.19	98	340740	52.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.49	95	117777	52.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.04%	

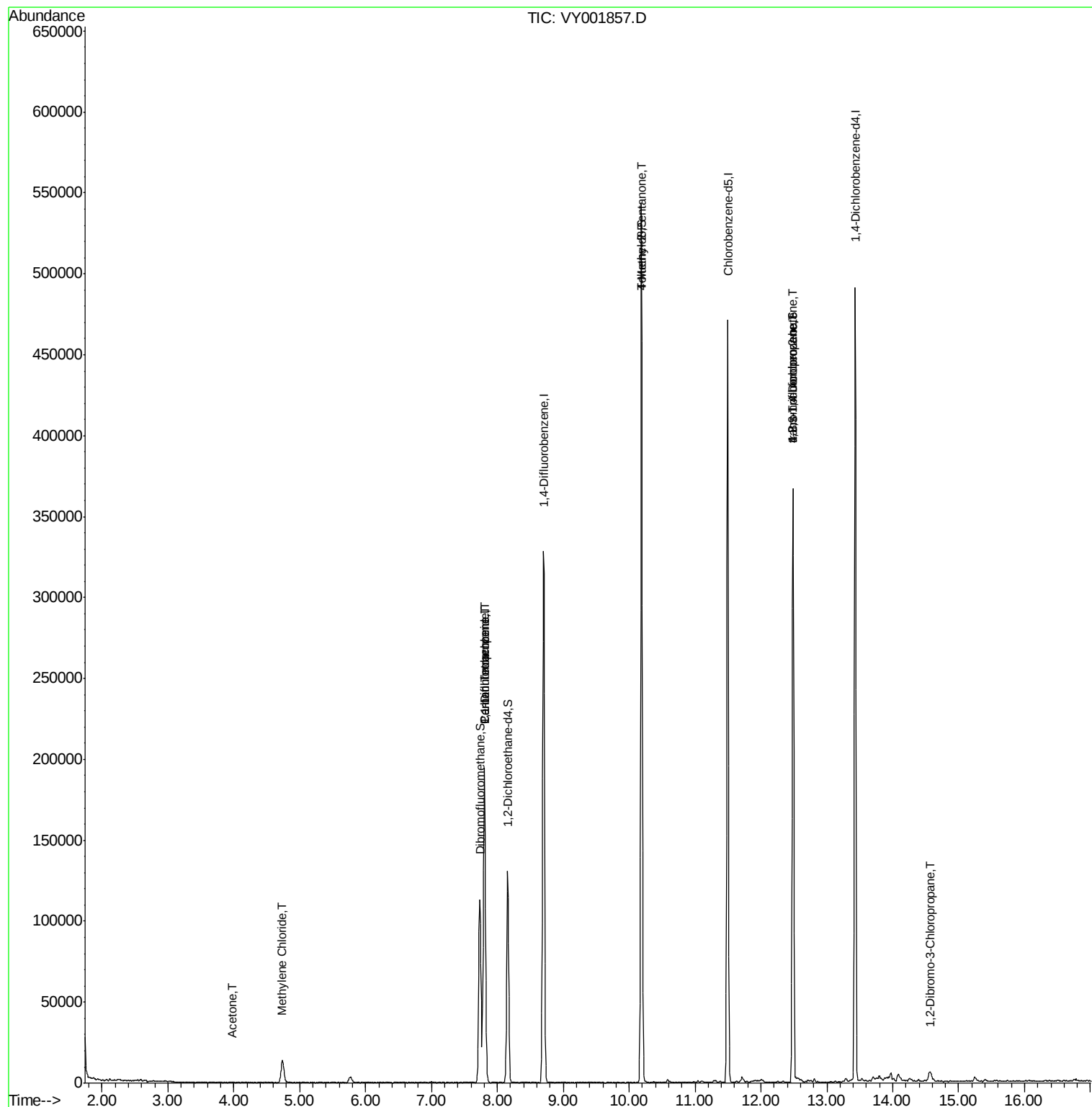
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	21	Below Cal	#	4
11) Tert butyl alcohol	4.95	59	46	Below Cal	#	74
16) Acetone	3.97	43	654	1.422	ug/l #	42
20) Methylene Chloride	4.74	84	10413	5.283	ug/l	95
36) 1,1-Dichloropropene	7.81	75	12582	4.668	ug/l #	51
38) Carbon Tetrachloride	7.80	117	15003	6.516	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1699	1.112	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.52	63	41	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.49	75	60329	43.551	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60329	87.971	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.56	75	527	1.757	ug/l #	28

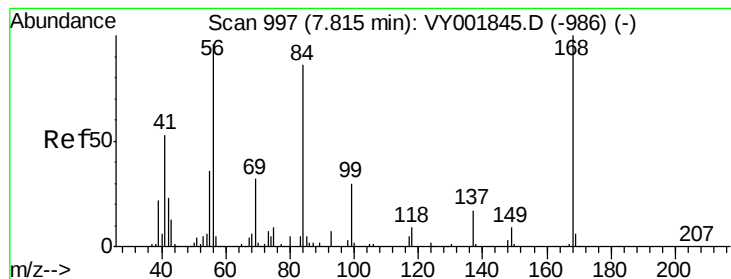
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampled :

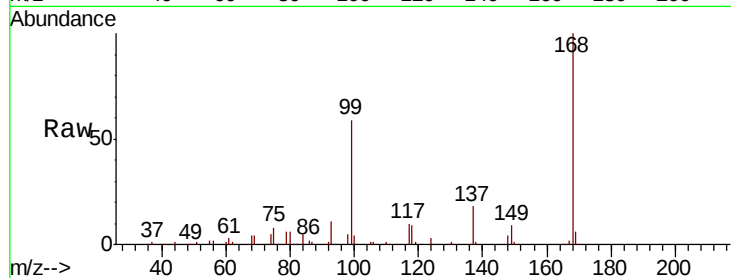
CR-3

Tot Ion:168 Resp: 147910

Ion Ratio Lower Upper

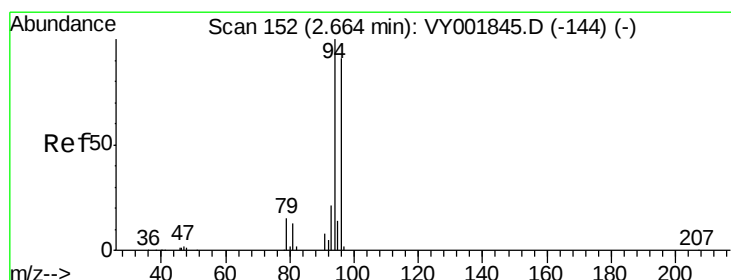
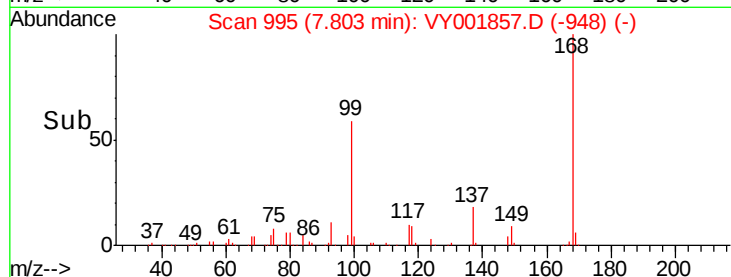
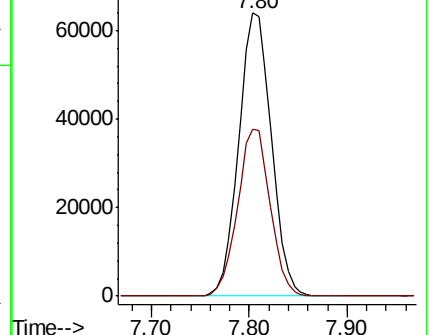
168 100

99 58.8 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: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001857.D

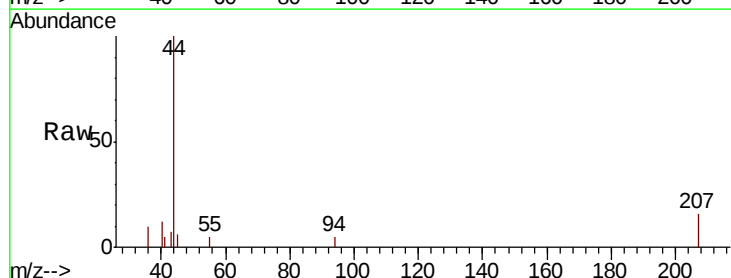
Acq: 04 Mar 2020 16:35

Tgt Ion: 94 Resp: 21

Ion Ratio Lower Upper

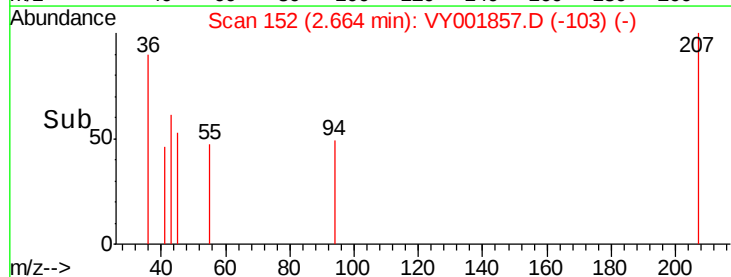
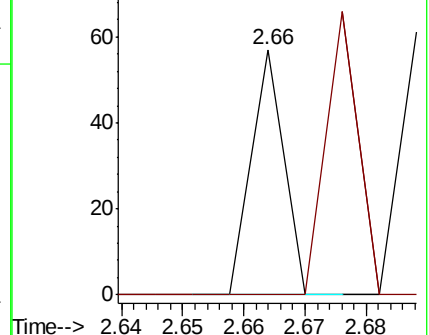
94 100

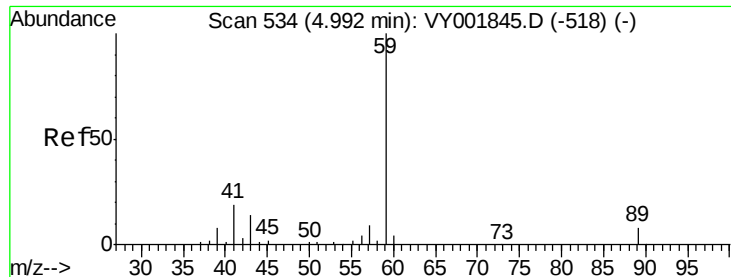
96 0.0 73.2 109.8#



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

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

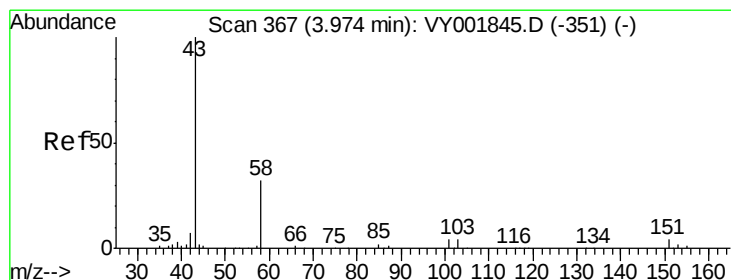
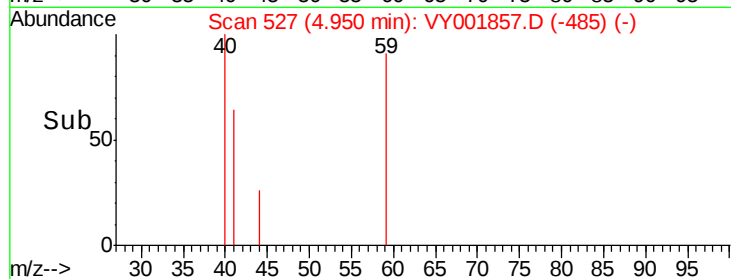
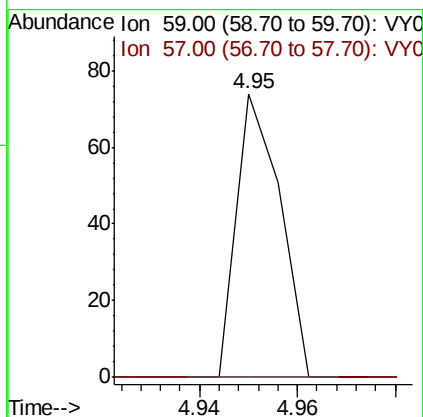
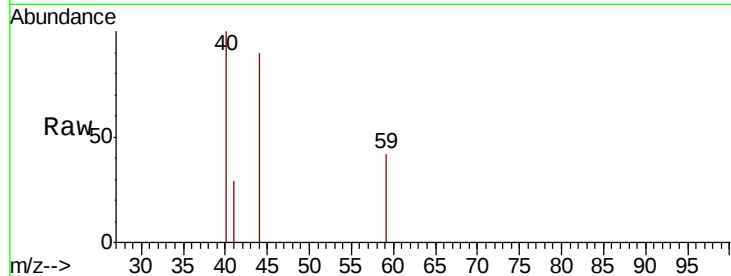




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.95 min Scan# 527
Delta R.T. -0.04 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

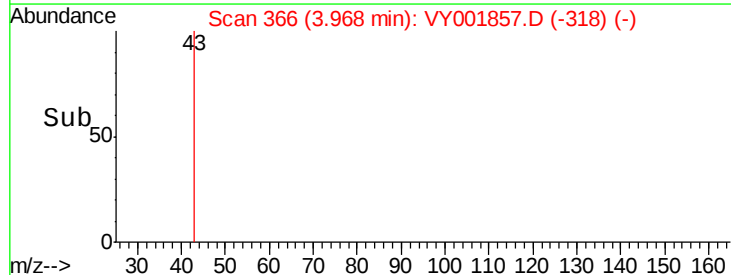
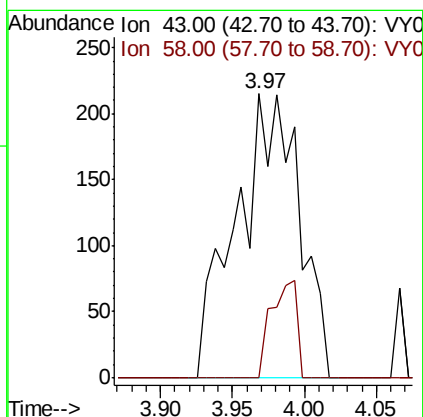
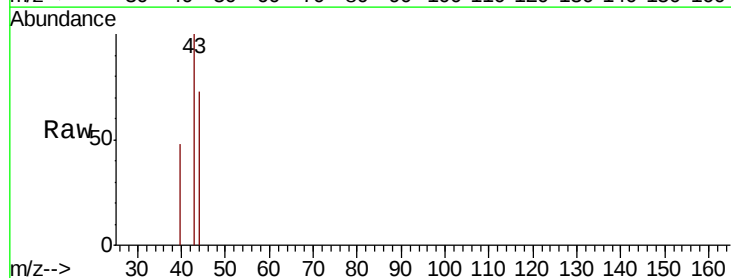
Instrument :
MSVOA_Y
ClientSampled :
CR-3

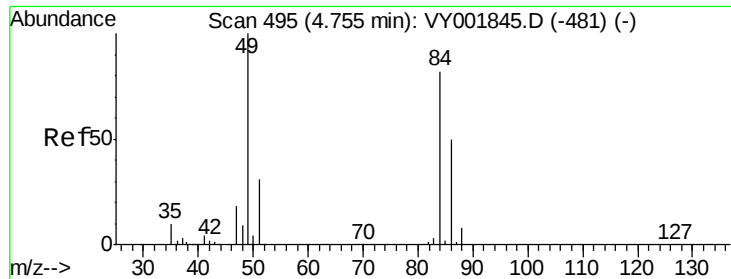
Tot Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.422 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

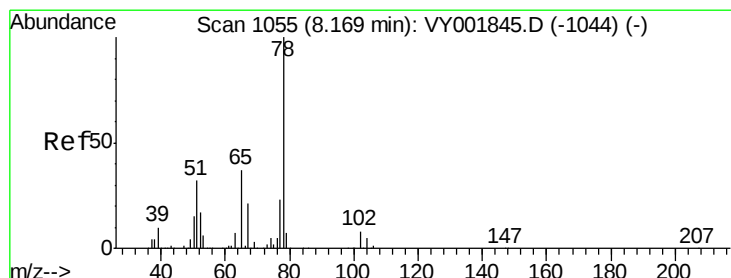
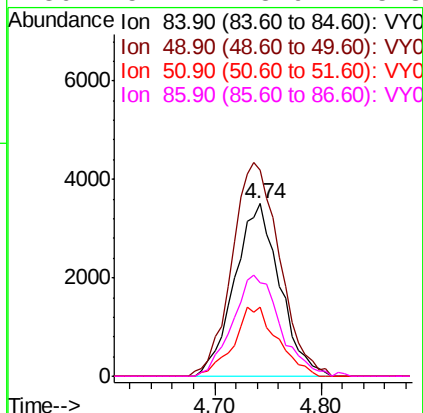
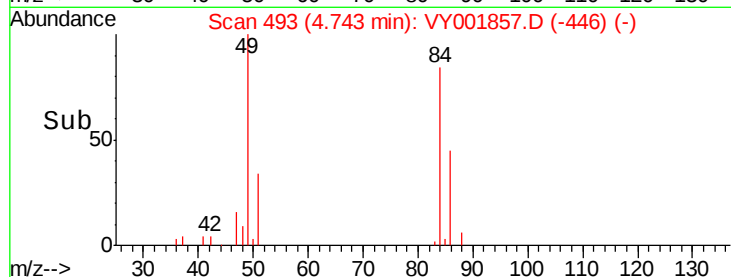
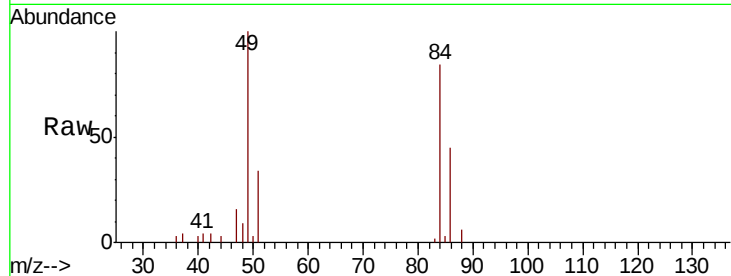




#20
Methvlene Chloride
Concen: 5.283 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

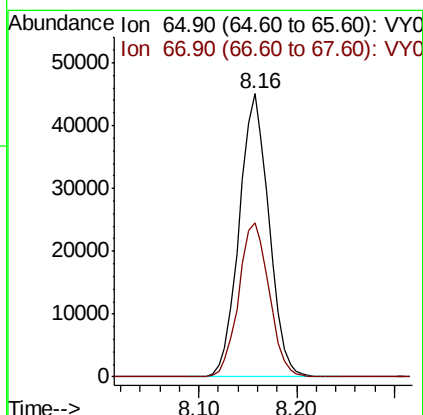
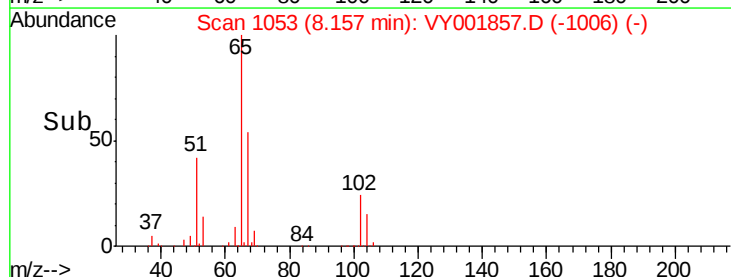
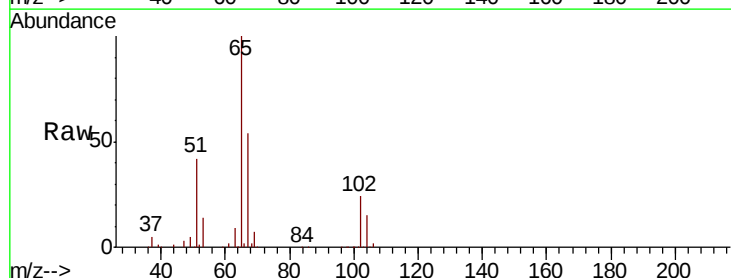
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

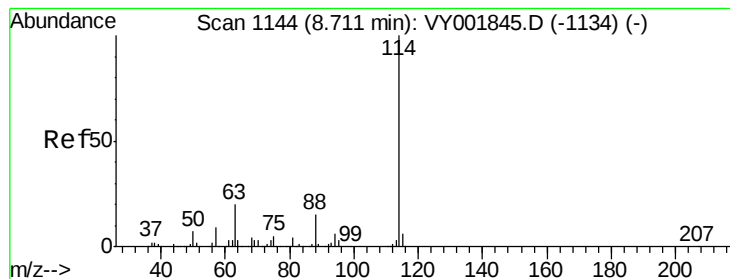
Tot Ion: 84 Resp: 10413
Ion Ratio Lower Upper
84 100
49 119.1 98.2 147.2
51 40.3 30.2 45.2
86 54.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 60.205 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Tgt Ion: 65 Resp: 95066
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

CR-3

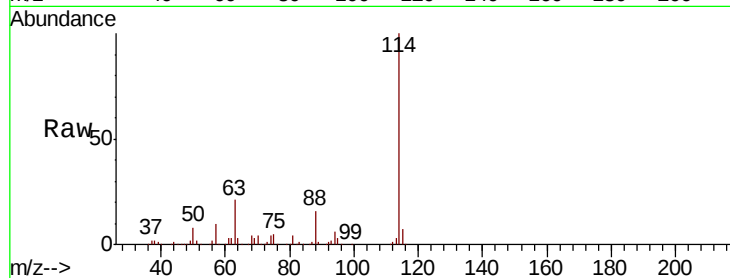
Tot Ion:114 Resp: 280088

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

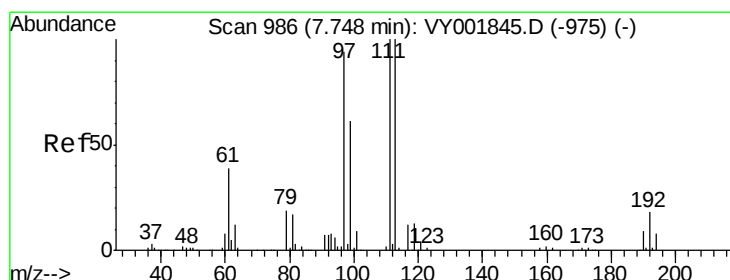
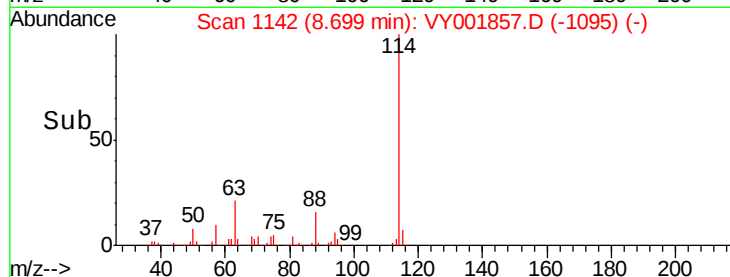
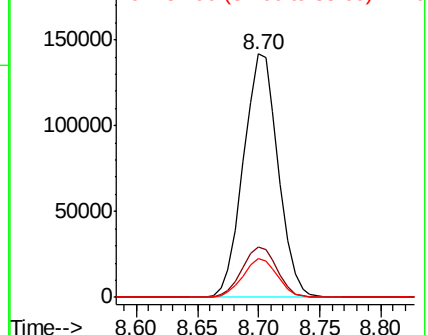
88 15.7 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 53.639 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

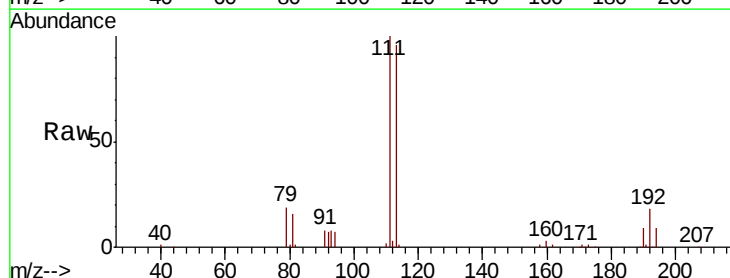
Tgt Ion:113 Resp: 82036

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

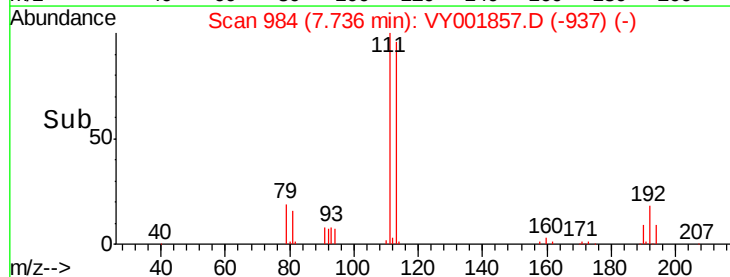
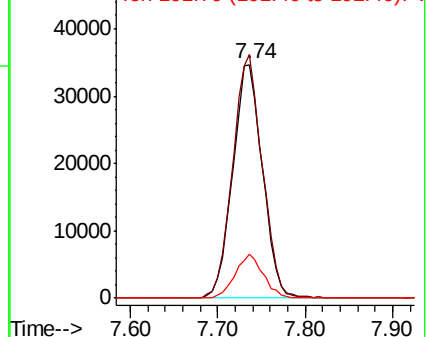
192 17.6 14.2 21.2

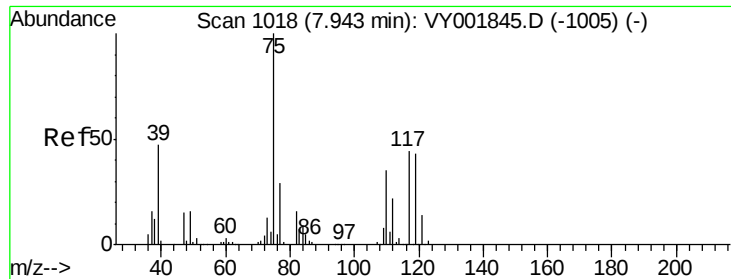


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

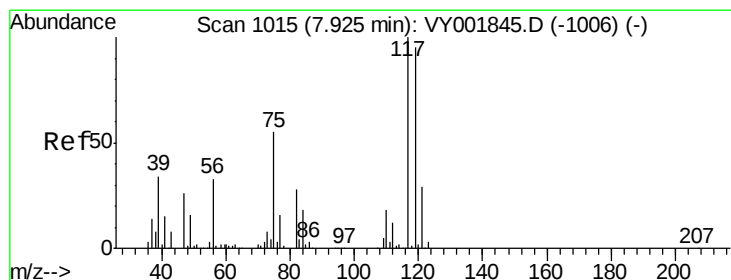
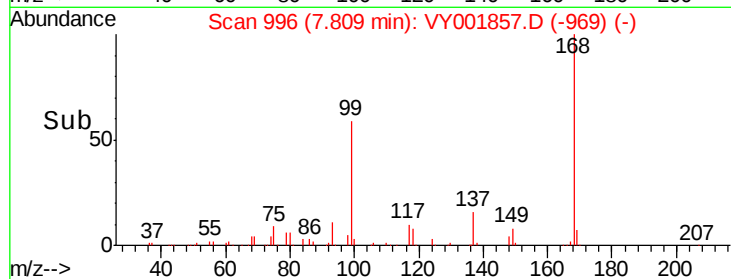
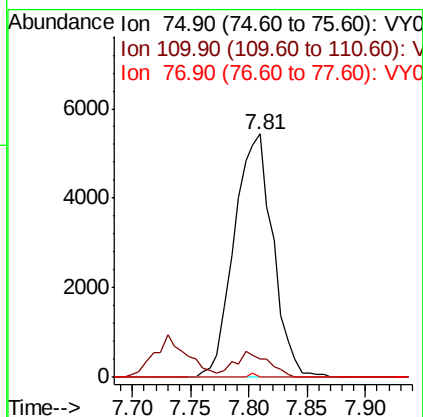
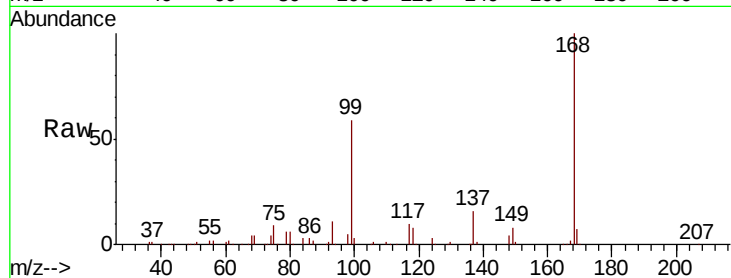




#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001857.D
 Acq: 04 Mar 2020 16:35

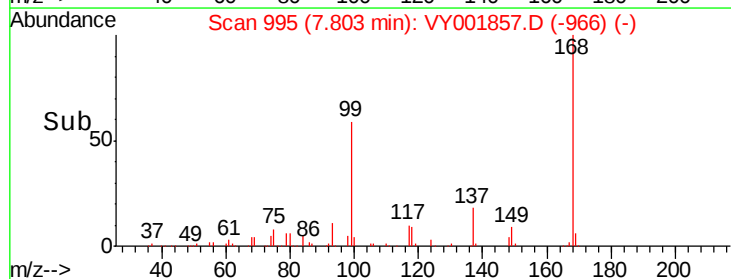
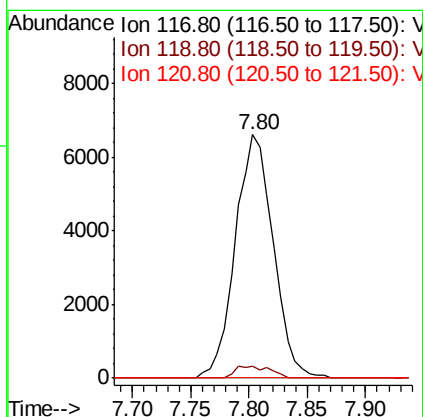
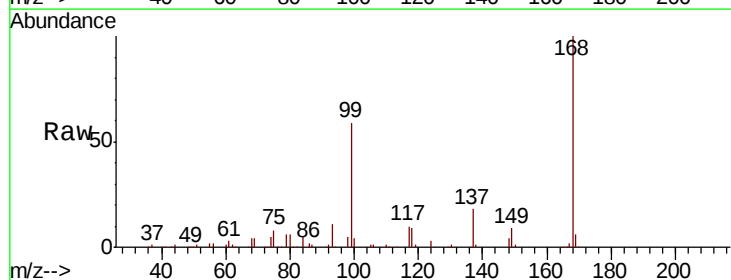
Instrument :
 MSVOA_Y
 ClientSampled :
 CR-3

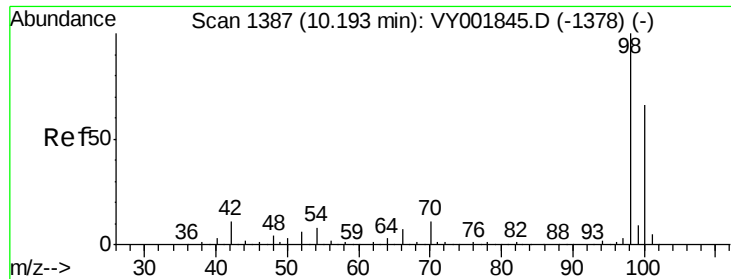
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.4	52.2#
77	0.2	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.516 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001857.D
 Acq: 04 Mar 2020 16:35

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





#50

Toluene-d8

Concen: 52.834 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampled :

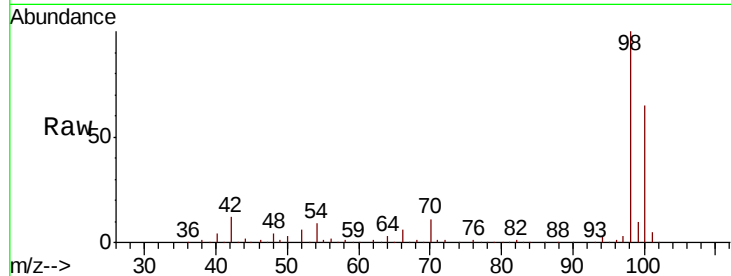
CR-3

Tot Ion: 98 Resp: 340740

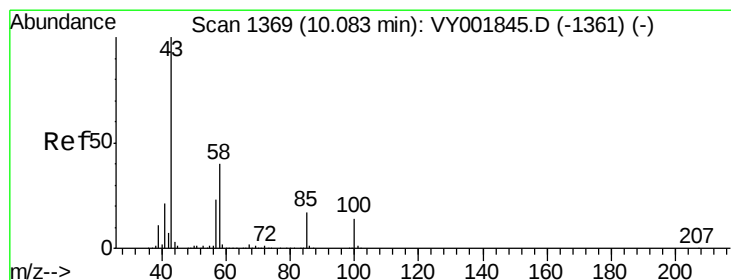
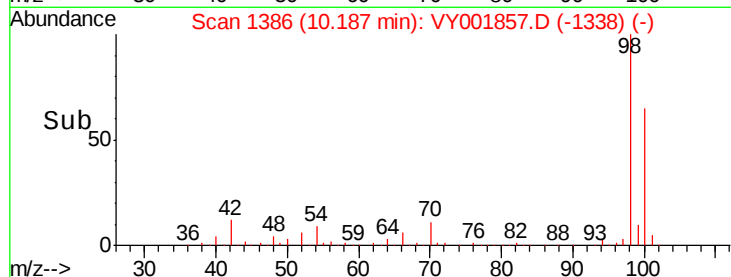
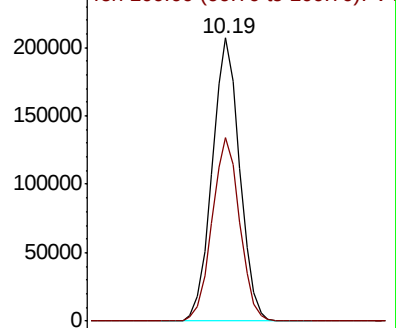
Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.4



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



#51

4-Methyl-2-Pentanone

Concen: 1.112 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001857.D

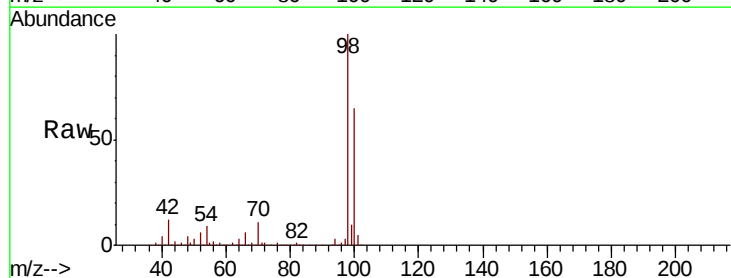
Acq: 04 Mar 2020 16:35

Tgt Ion: 43 Resp: 1699

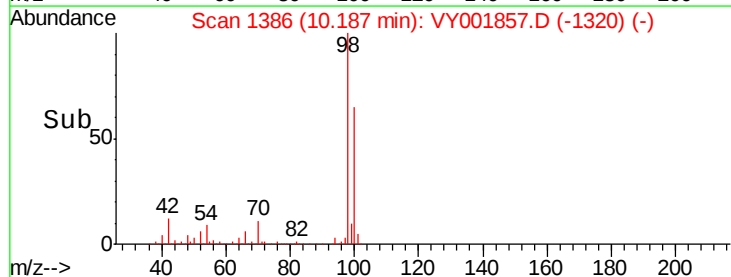
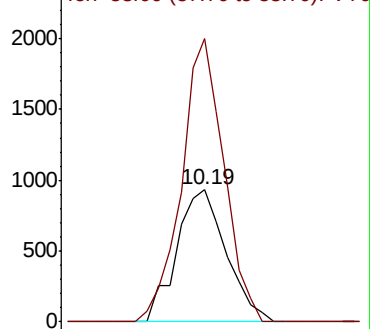
Ion Ratio Lower Upper

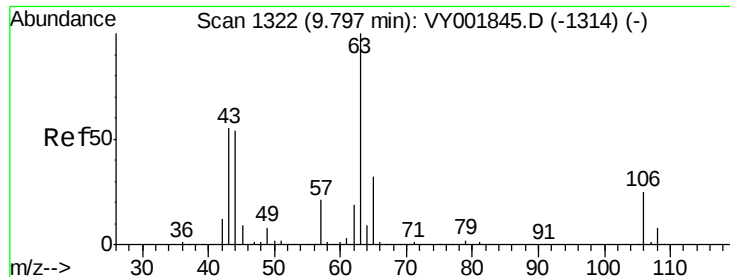
43 100

58 183.2 32.0 48.0#



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

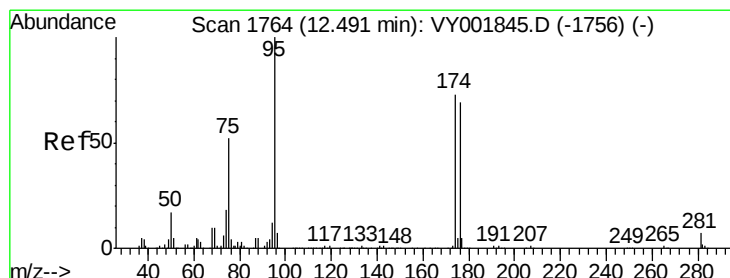
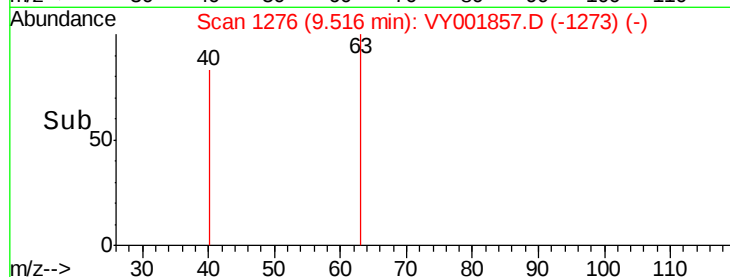
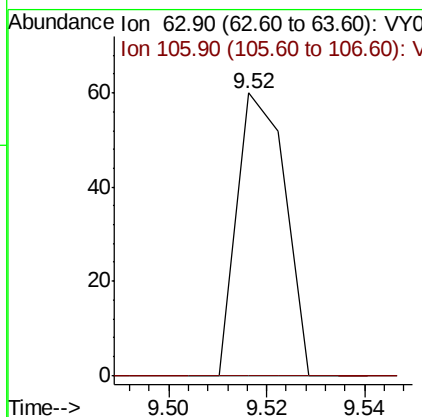
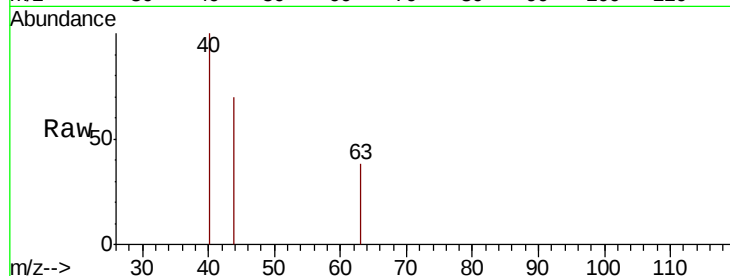




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.52 min Scan# 1276
Delta R.T. -0.28 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

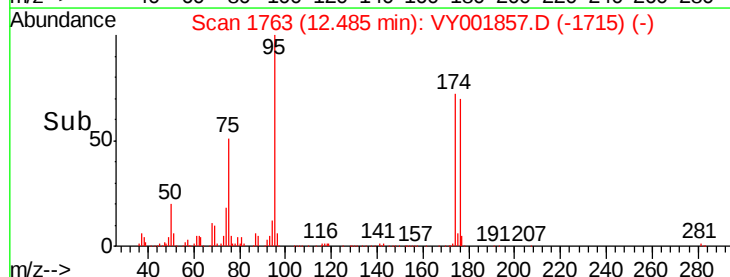
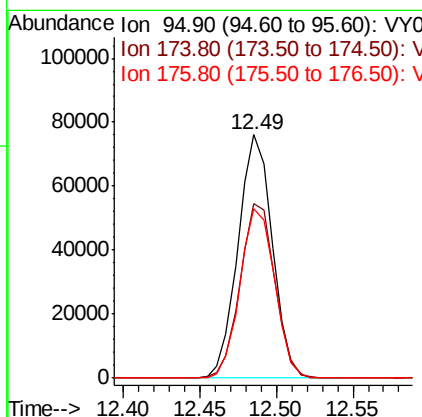
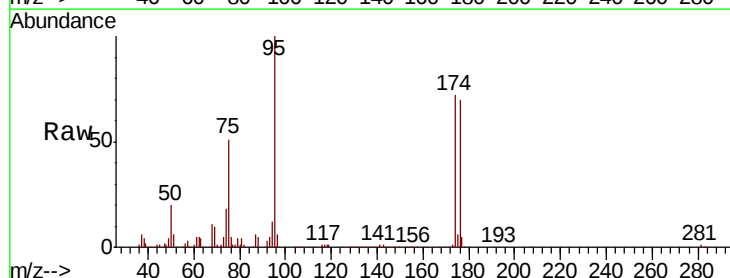
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

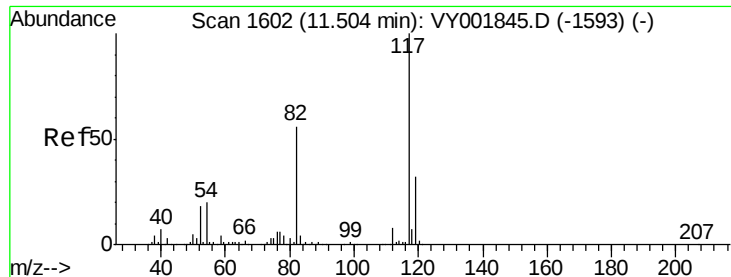
Tot Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 21.3 31.9#



#62
4-Bromofluorobenzene
Concen: 52.521 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Tgt Ion: 95 Resp: 117777
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.9 0.0 137.4

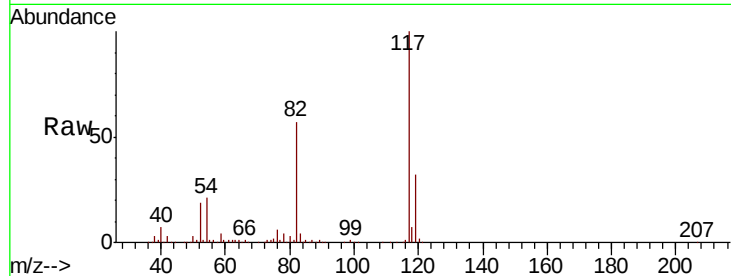




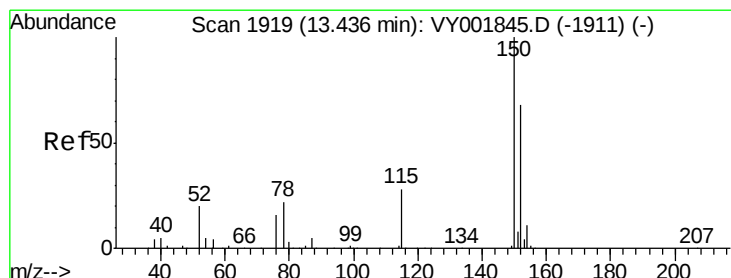
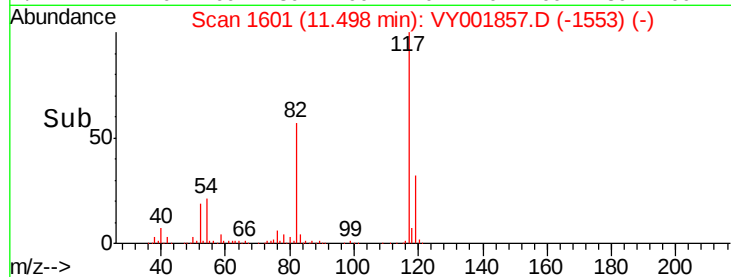
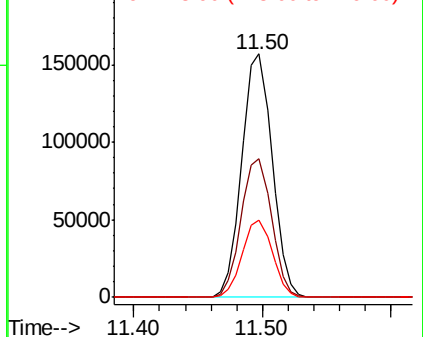
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Instrument :
MSVOA_Y
ClientSampleId :
CR-3

Tot Ion:117 Resp: 256582
Ion Ratio Lower Upper
117 100
82 56.8 44.5 66.7
119 31.8 25.7 38.5

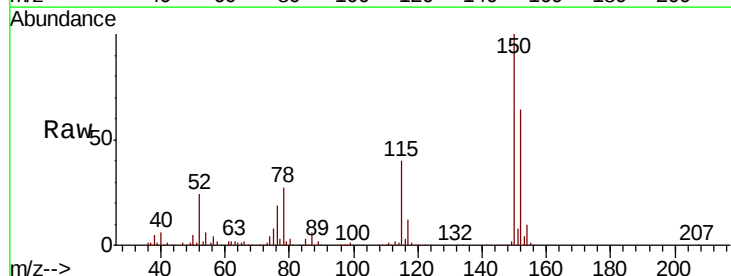


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

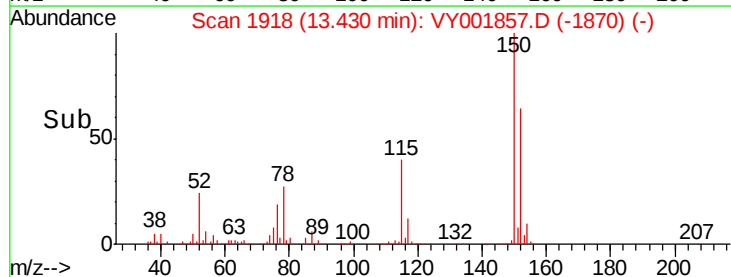
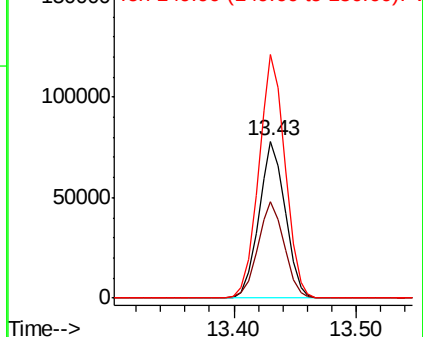


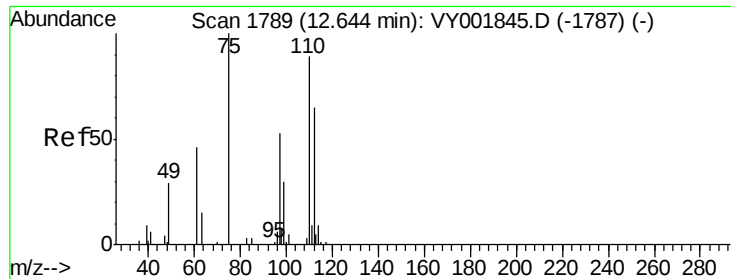
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001857.D
Acq: 04 Mar 2020 16:35

Tgt Ion:152 Resp: 116744
Ion Ratio Lower Upper
152 100
115 61.7 29.9 89.7
150 155.6 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

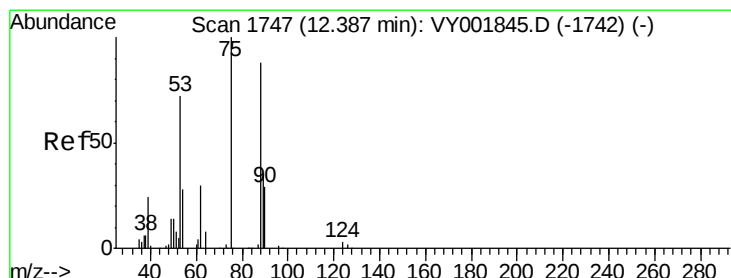
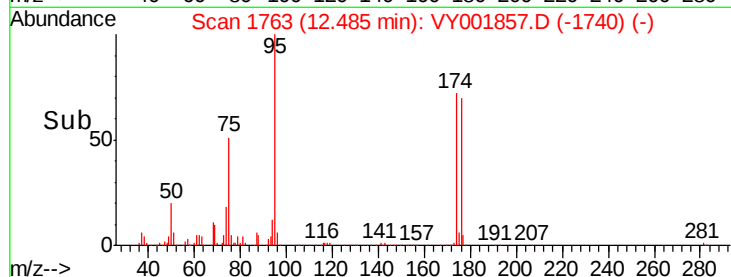
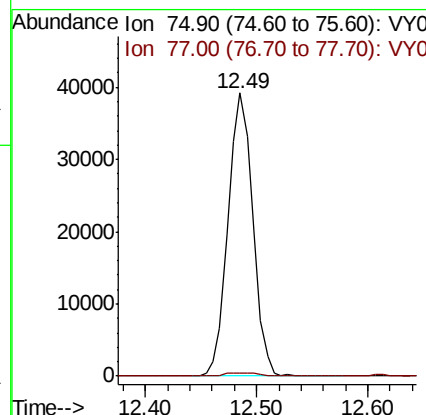
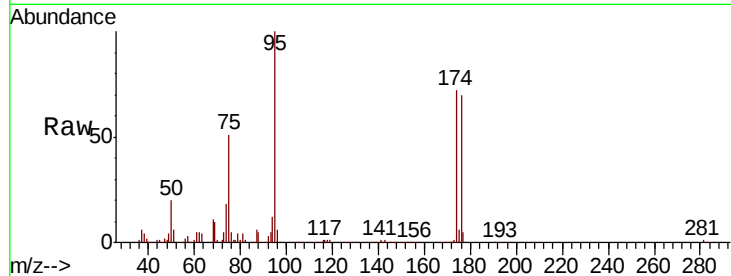




#76
 1,2,3-Trichloropropane
 Concen: 43.551 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY001857.D
 Acq: 04 Mar 2020 16:35

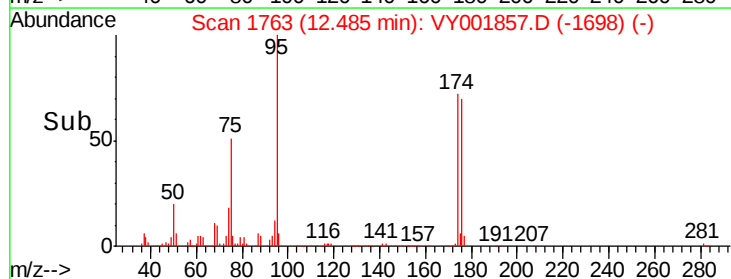
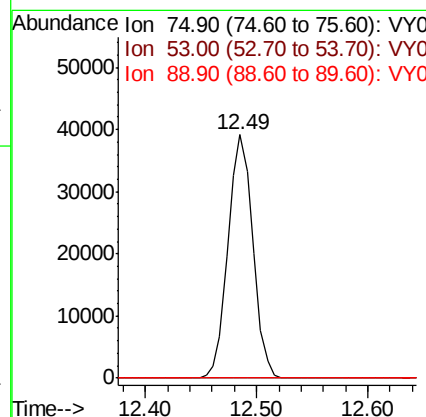
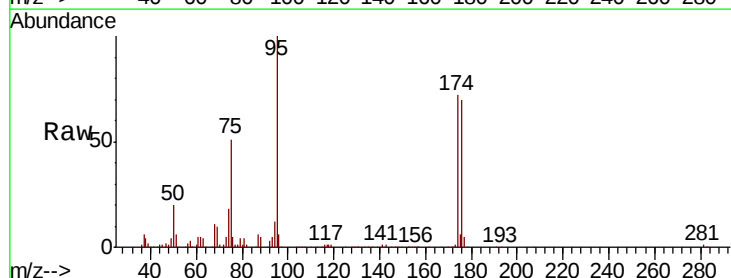
Instrument :
 MSVOA_Y
 ClientSampled :
 CR-3

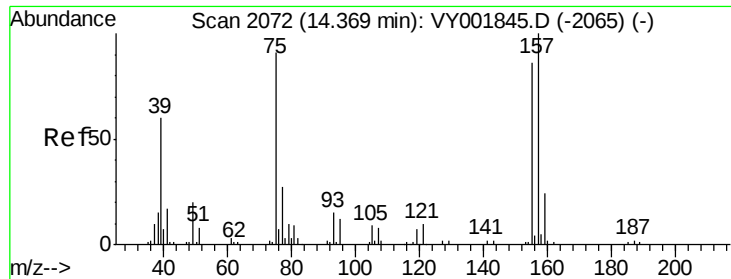
Tot Ion: 75 Resp: 60329
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.971 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001857.D
 Acq: 04 Mar 2020 16:35

Tgt Ion: 75 Resp: 60329
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.1 36.0 54.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.757 ug/l

RT: 14.56 min Scan# 2104

Delta R.T. 0.20 min

Lab File: VY001857.D

Acq: 04 Mar 2020 16:35

Instrument :

MSVOA_Y

ClientSampleId :

CR-3

Tot Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

155 117.8 42.9 128.7

157 0.0 53.1 159.4#

