

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001858.D
 Acq On : 04 Mar 2020 16:57
 Operator : SY/MD
 Sample : L1778-02
 Misc : 6.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1

Quant Time: Mar 05 04:10:57 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

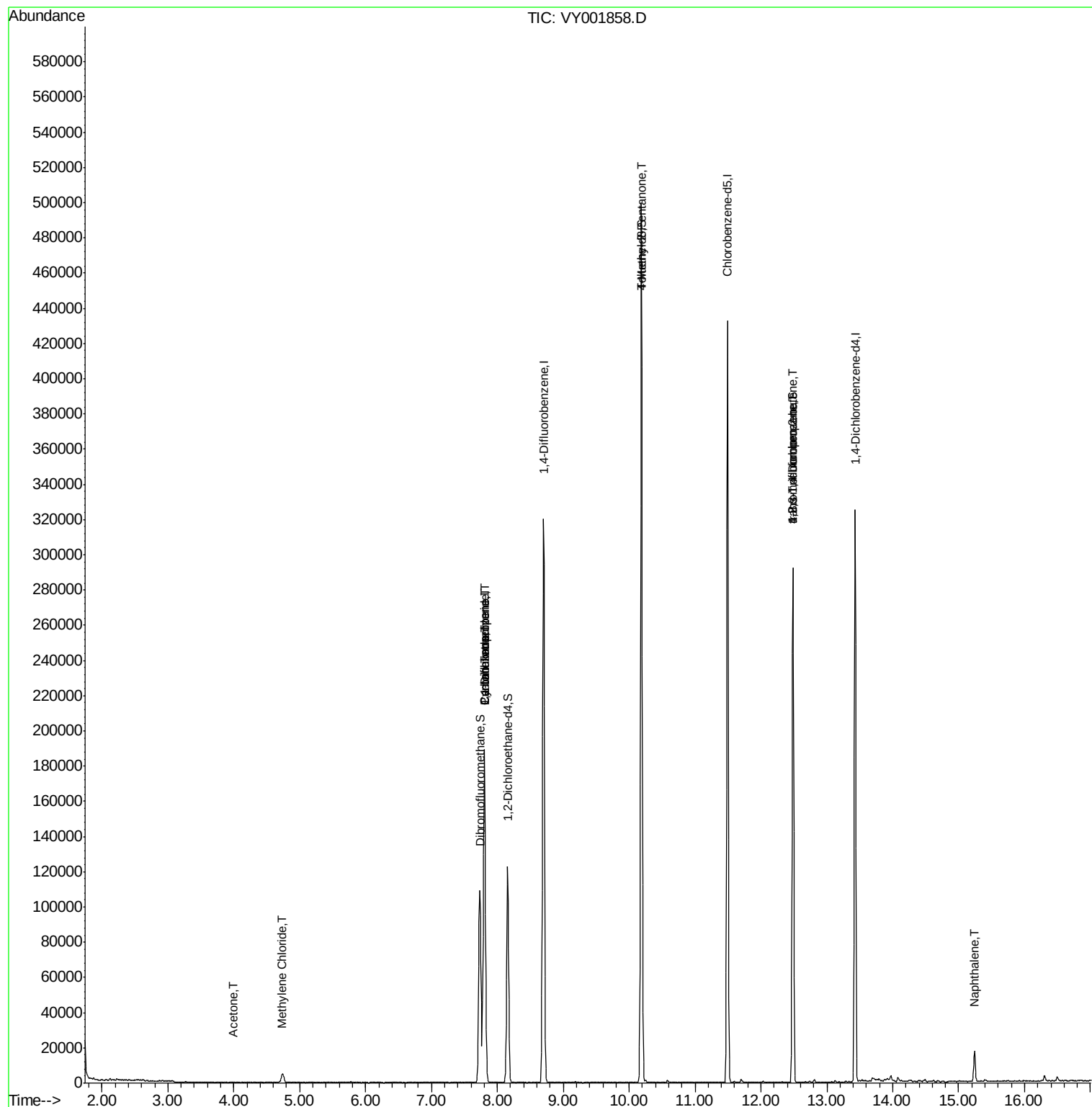
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140745	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	270395	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	227119	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	78530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86871	57.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.74	113	79564	53.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.19	98	327856	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.49	95	93069	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	620	1.417	ug/l #	51
20) Methylene Chloride	4.74	84	3904	2.081	ug/l #	85
31) Cyclohexane	7.80	56	3357	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12021	4.620	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13847	6.230	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1618	1.097	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	47012	50.452	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47012	101.911	ug/l #	17
95) Naphthalene	15.25	128	13870	3.988	ug/l	98

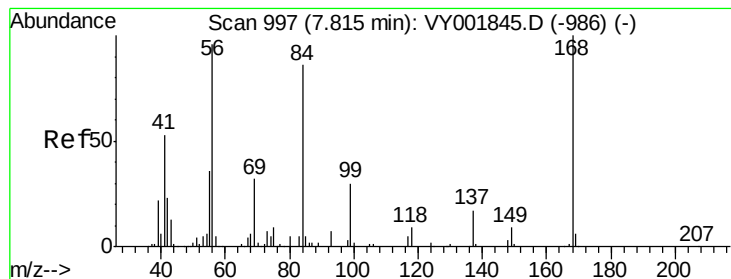
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 05 04:10:57 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: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001858.D

Acq: 04 Mar 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

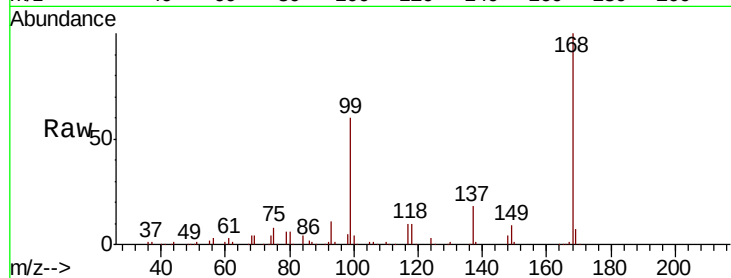
S1

Tot Ion:168 Resp: 140745

Ion Ratio Lower Upper

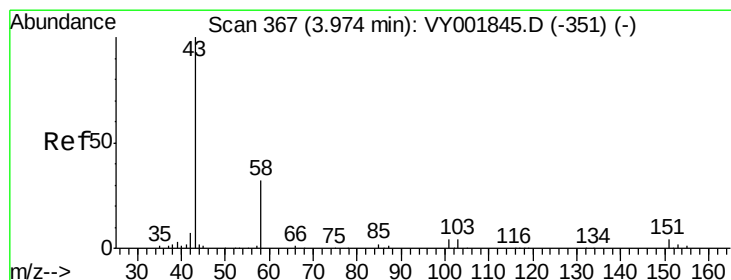
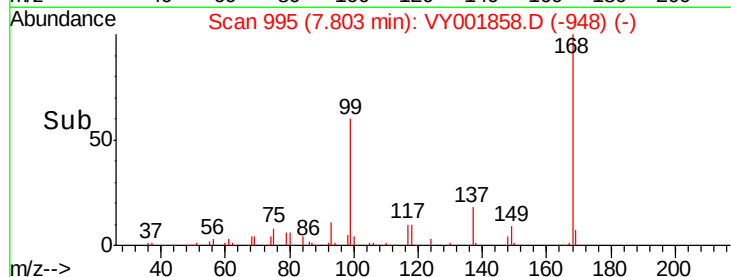
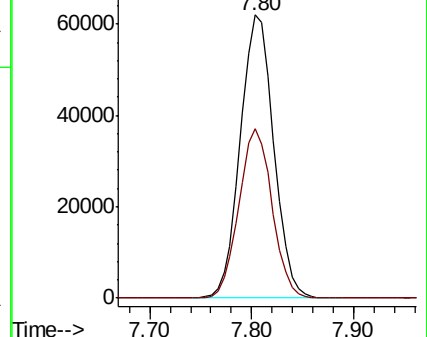
168 100

99 60.1 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) (-)



#16

Acetone

Concen: 1.417 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001858.D

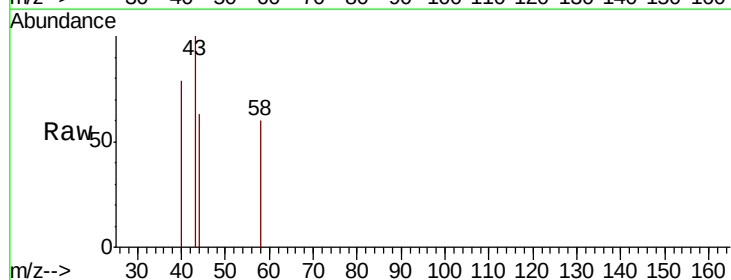
Acq: 04 Mar 2020 16:57

Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

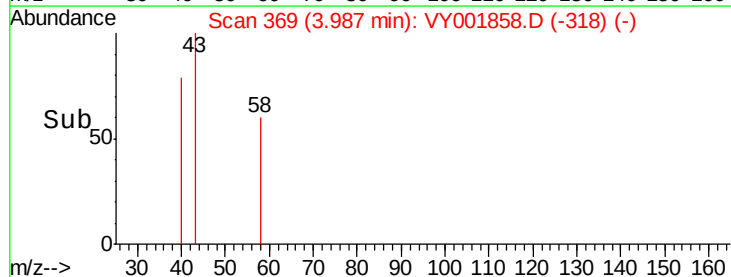
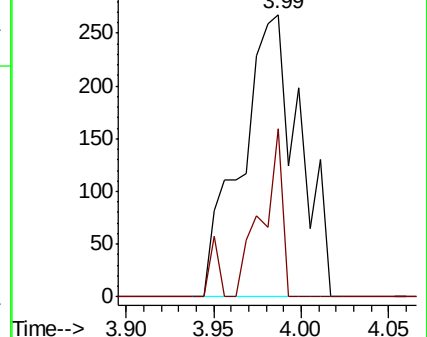
43 100

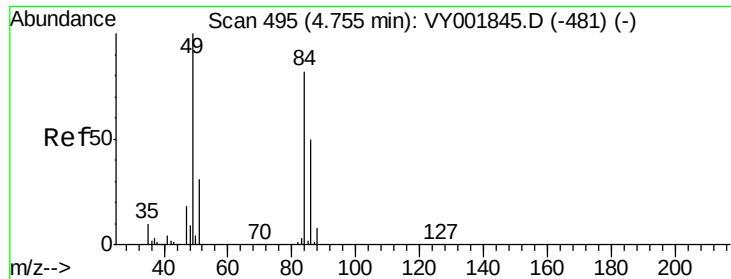
58 59.7 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

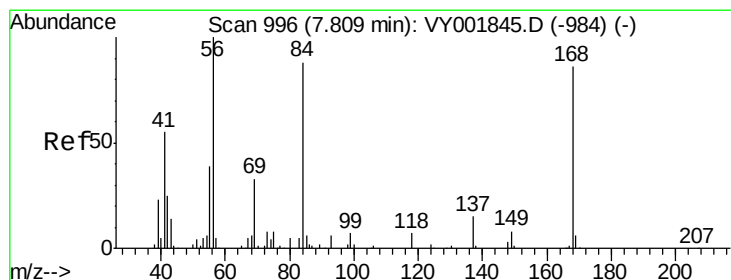
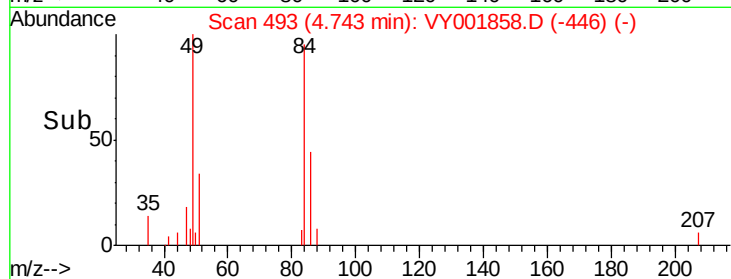
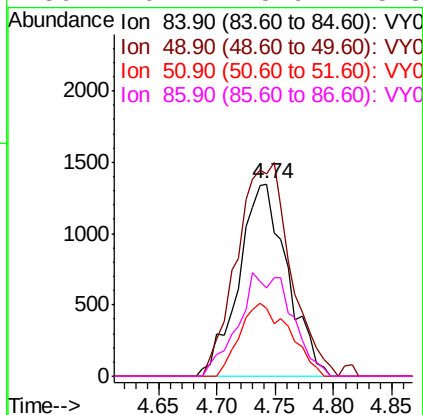
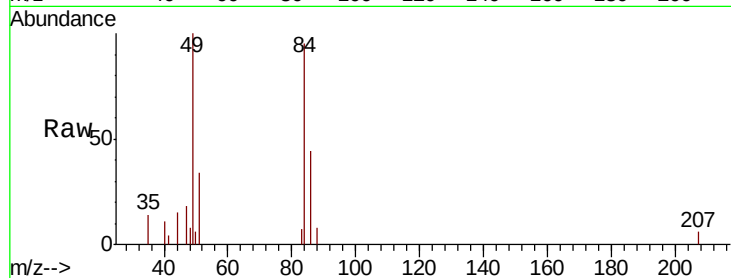




#20
Methylene Chloride
Concen: 2.081 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

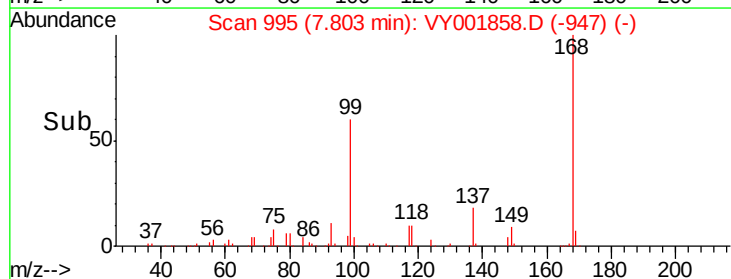
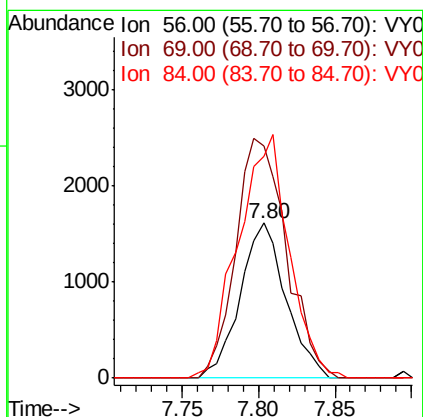
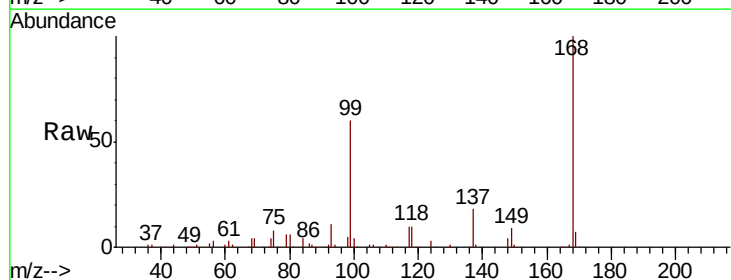
Instrument :
MSVOA_Y
ClientSampled :
S1

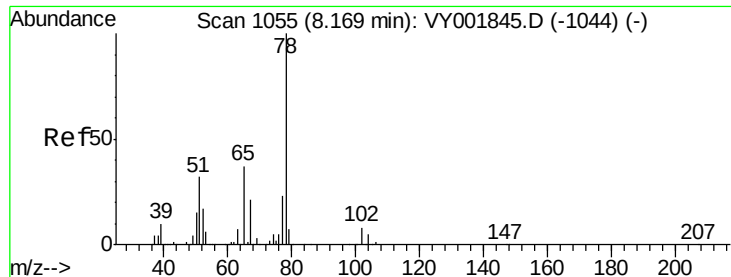
Tot Ion: 84 Resp: 3904
Ion Ratio Lower Upper
84 100
49 105.3 98.2 147.2
51 35.5 30.2 45.2
86 46.2 48.9 73.3#



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

Tgt Ion: 56 Resp: 3357
Ion Ratio Lower Upper
56 100
69 150.1 26.7 40.1#
84 143.0 70.4 105.6#

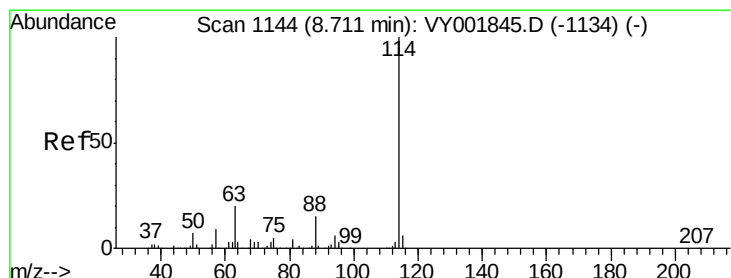
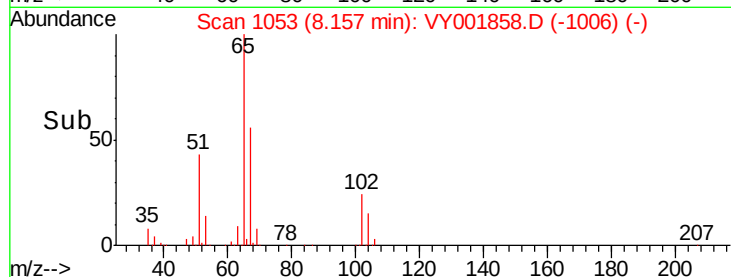
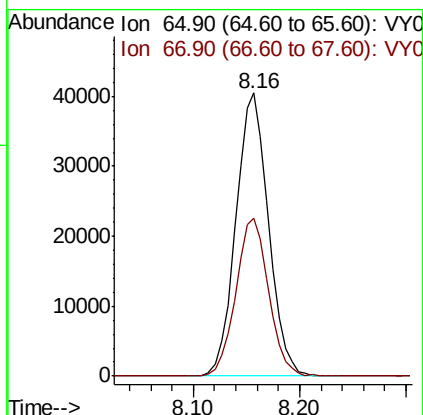
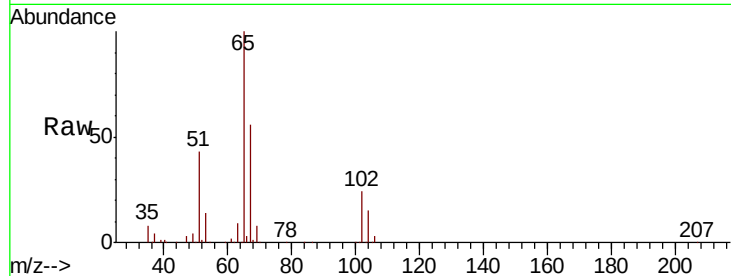




#33
 1,2-Dichloroethane-d4
 Concen: 57.816 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001858.D
 Acq: 04 Mar 2020 16:57

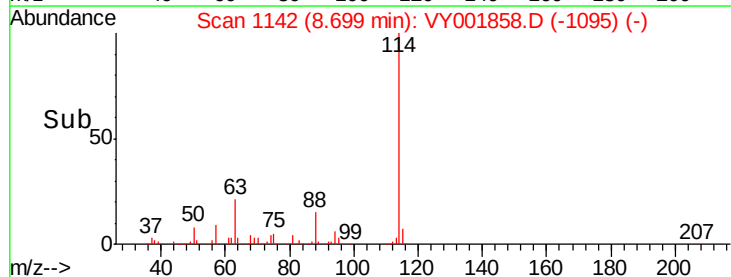
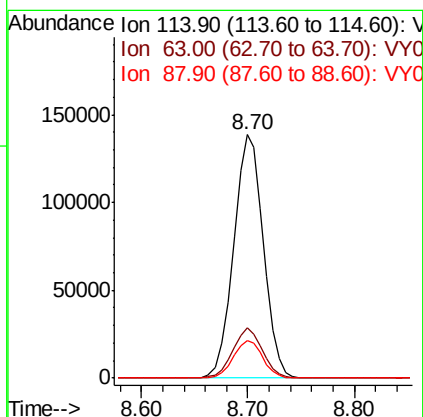
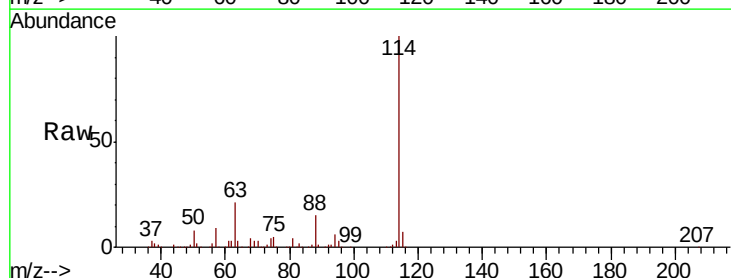
Instrument :
 MSVOA_Y
 ClientSampleId :
 S1

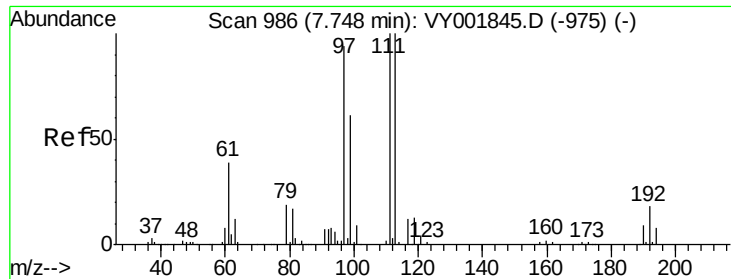
Tot Ion: 65 Resp: 86871
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001858.D
 Acq: 04 Mar 2020 16:57

Tgt Ion: 114 Resp: 270395
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.5 0.0 30.4

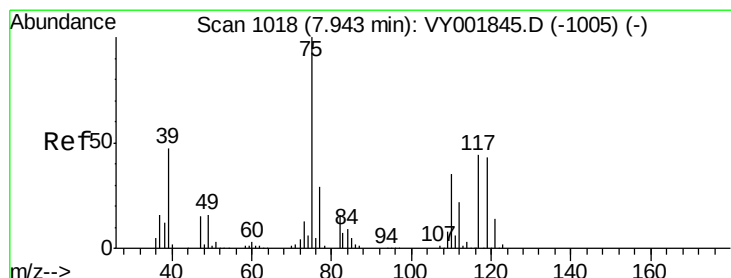
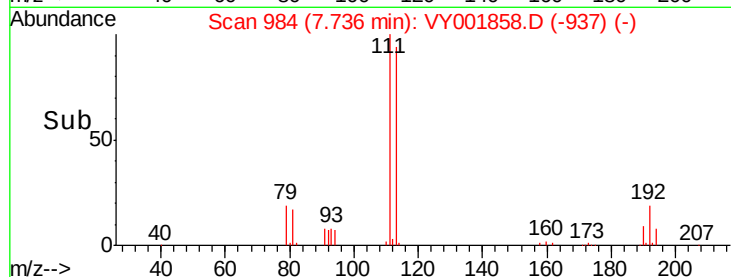
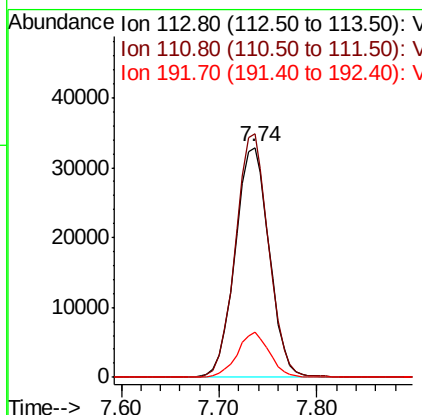
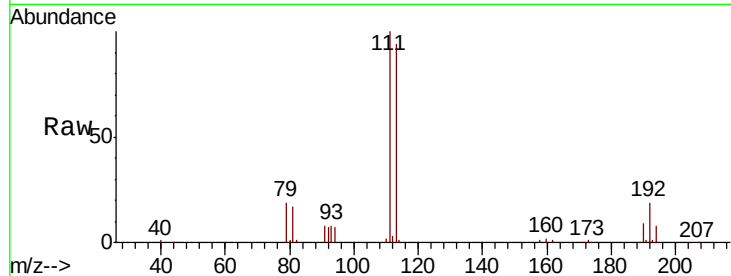




#35
 Dibromofluoromethane
 Concen: 53.888 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001858.D
 Acq: 04 Mar 2020 16:57

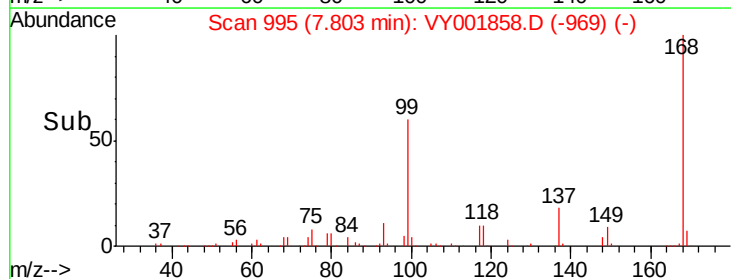
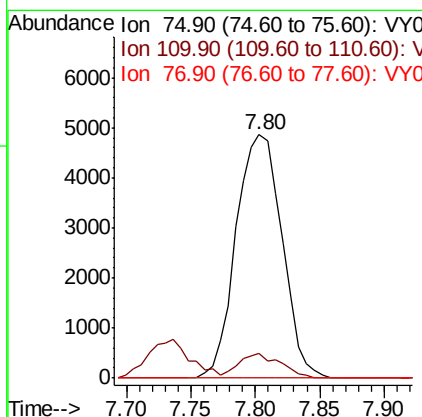
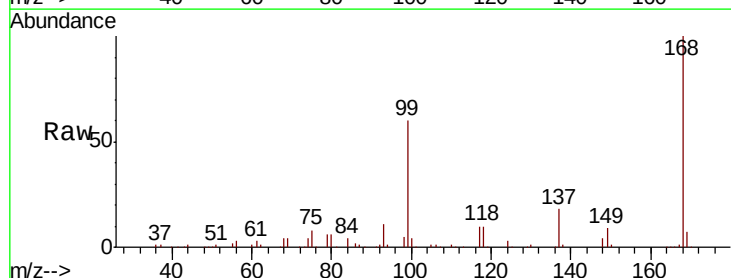
Instrument :
 MSVOA_Y
 ClientSampleId :
 S1

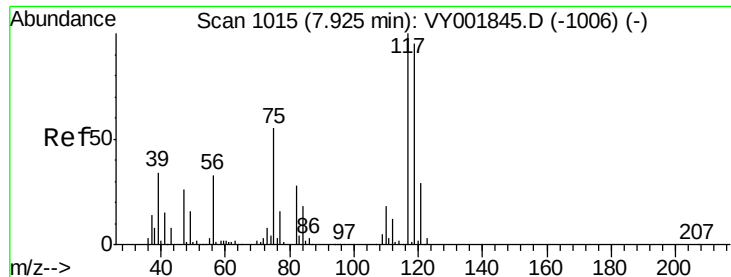
Tot Ion:113 Resp: 79564
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 18.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.620 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001858.D
 Acq: 04 Mar 2020 16:57

Tgt Ion: 75 Resp: 12021
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.4 52.2#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001858.D

Acq: 04 Mar 2020 16:57

Instrument :

MSVOA_Y

ClientSampled :

S1

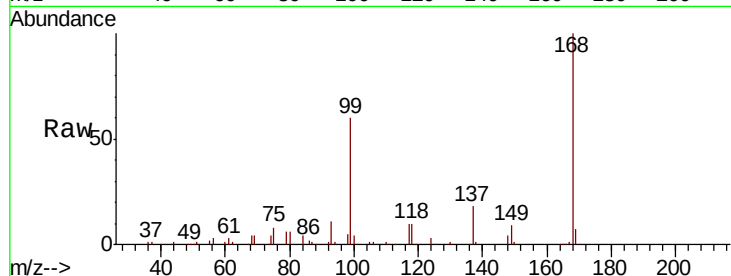
Tot Ion:117 Resp: 13847

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

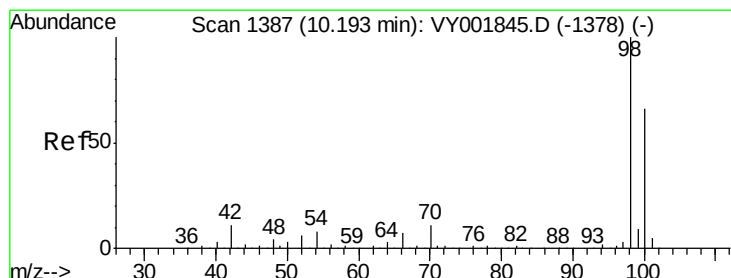
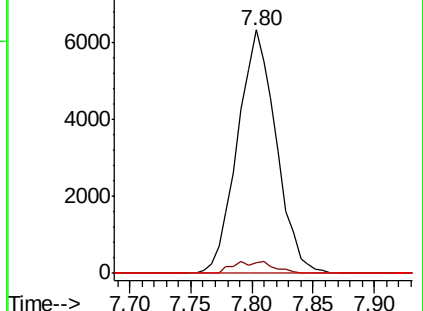
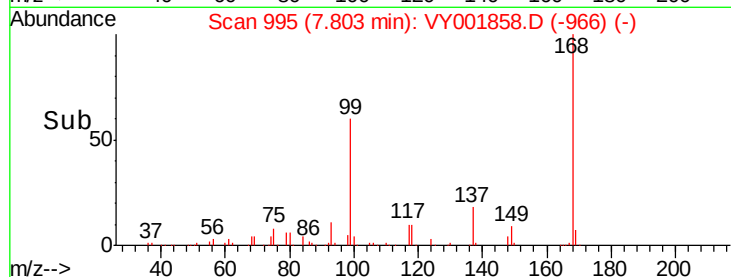
121 0.0 23.5 35.3#



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: 52.659 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001858.D

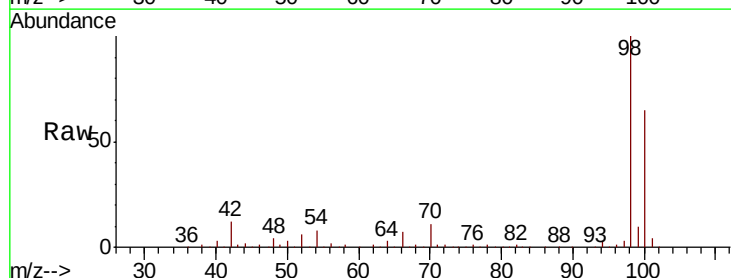
Acq: 04 Mar 2020 16:57

Tgt Ion: 98 Resp: 327856

Ion Ratio Lower Upper

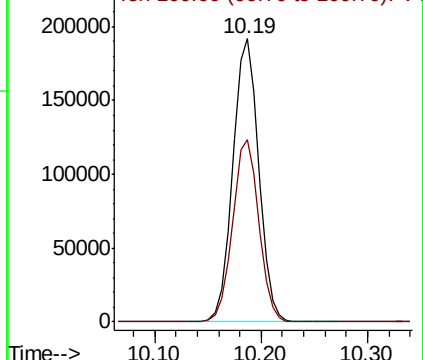
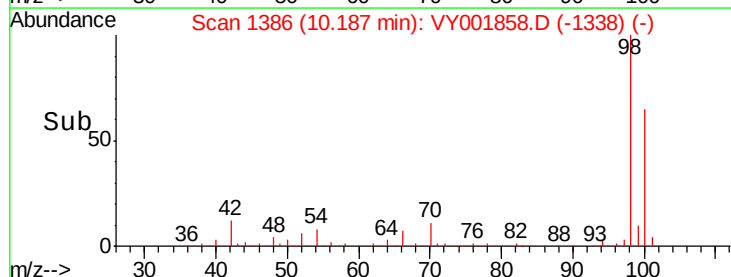
98 100

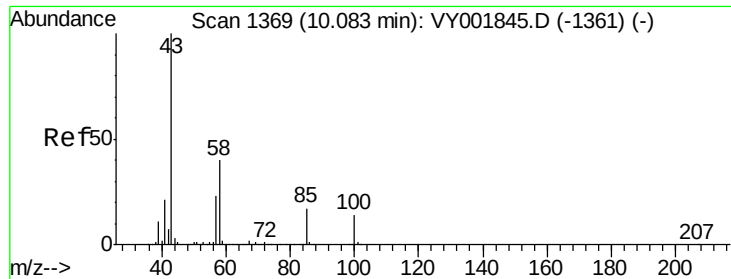
100 65.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

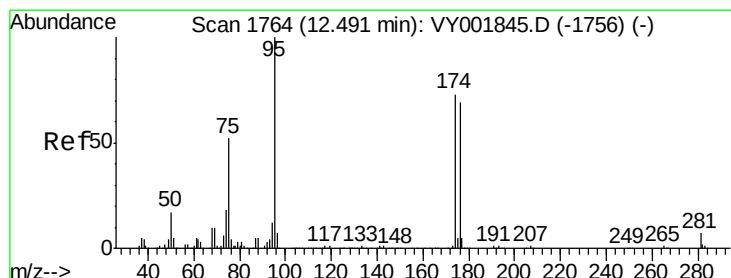
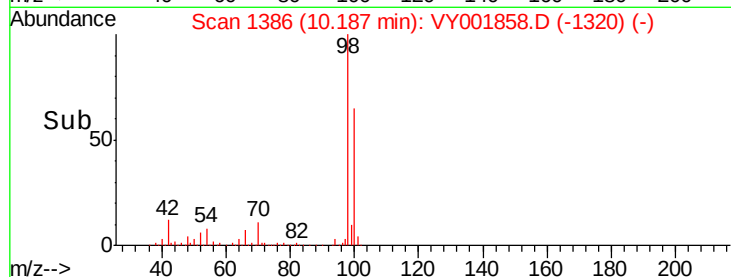
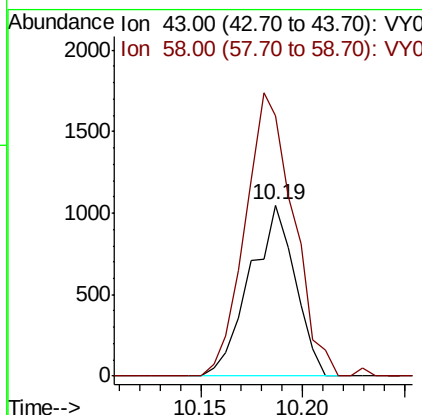
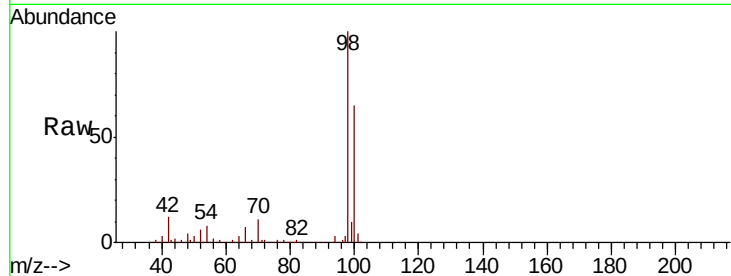




#51
4-Methyl-2-Pentanone
Concen: 1.097 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

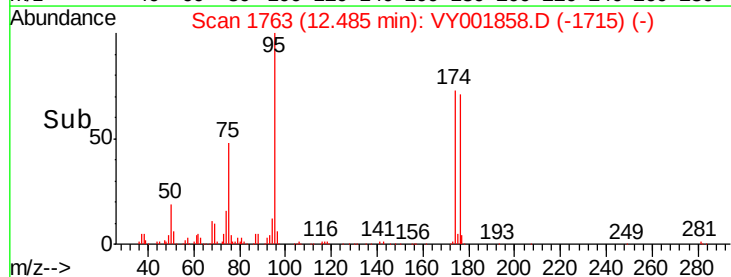
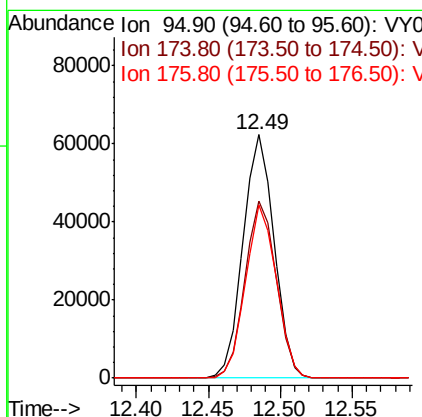
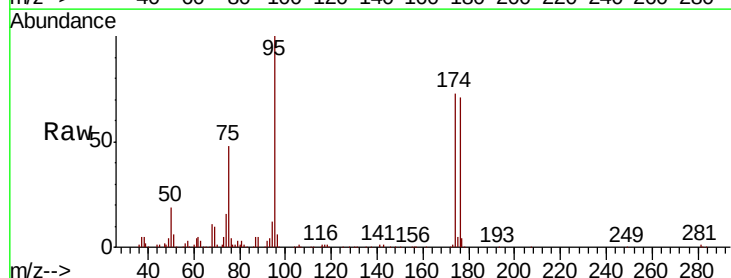
Instrument :
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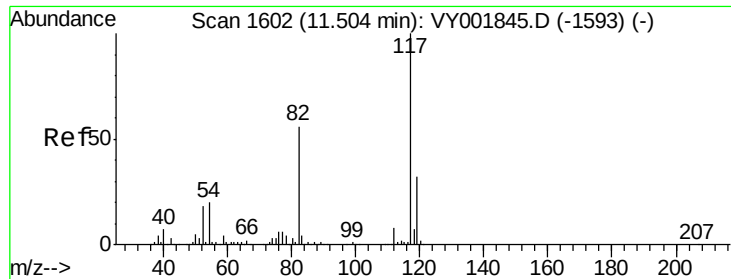
Tot Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 176.7 32.0 48.0#



#62
4-Bromofluorobenzene
Concen: 42.990 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

Tgt Ion: 95 Resp: 93069
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 70.6 0.0 137.4

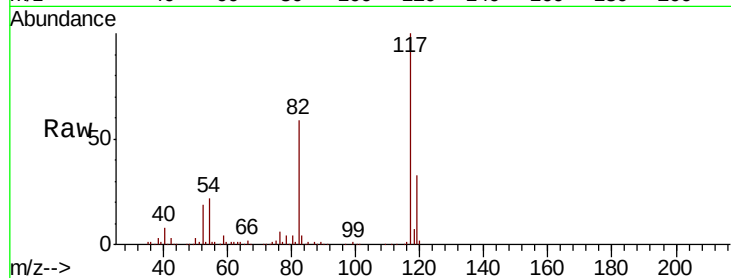




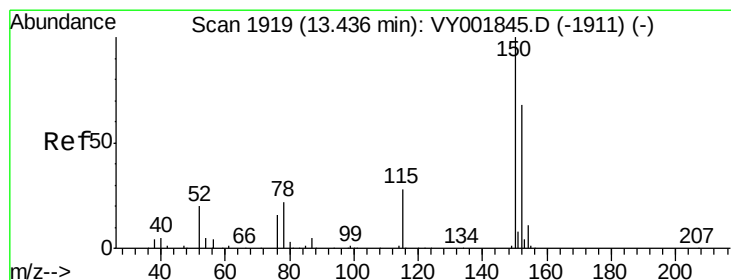
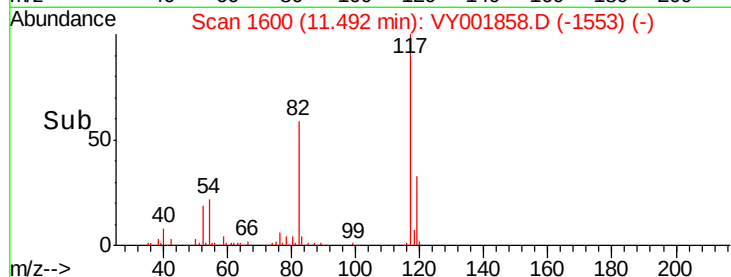
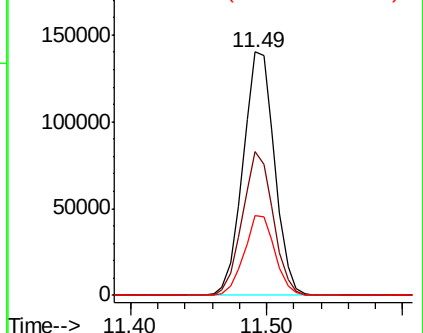
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
S1

Tot Ion:117 Resp: 227119
Ion Ratio Lower Upper
117 100
82 59.3 44.5 66.7
119 32.6 25.7 38.5

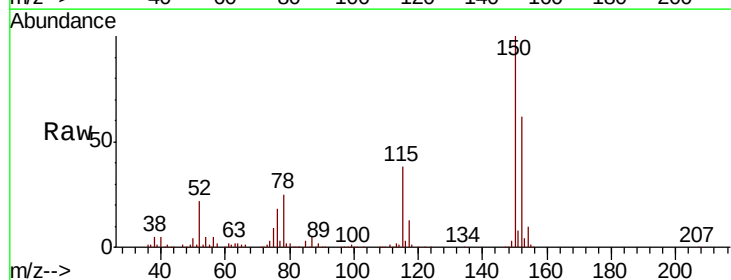


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

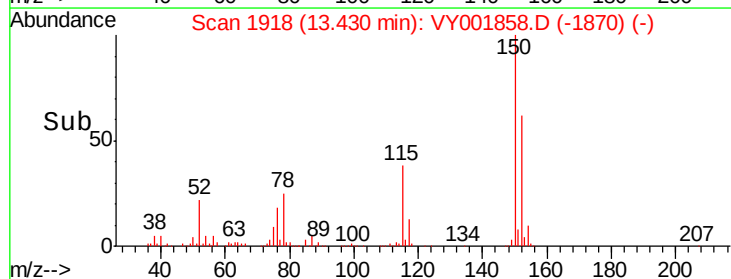
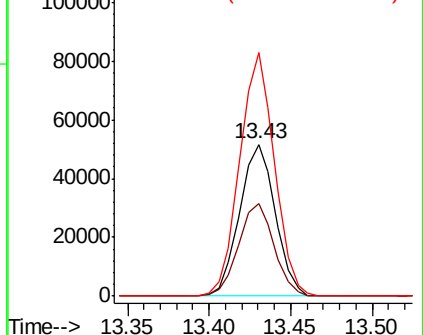


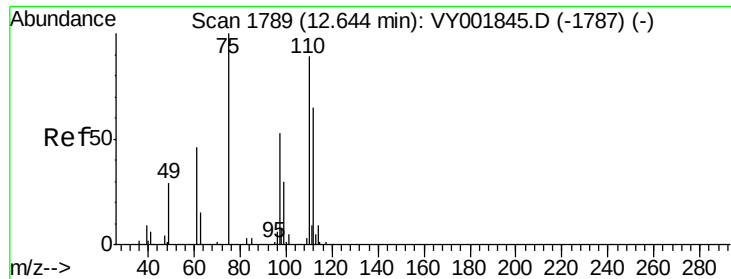
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

Tgt Ion:152 Resp: 78530
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 156.7 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: 50.452 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001858.D

Acq: 04 Mar 2020 16:57

Instrument :

MSVOA_Y

ClientSampleId :

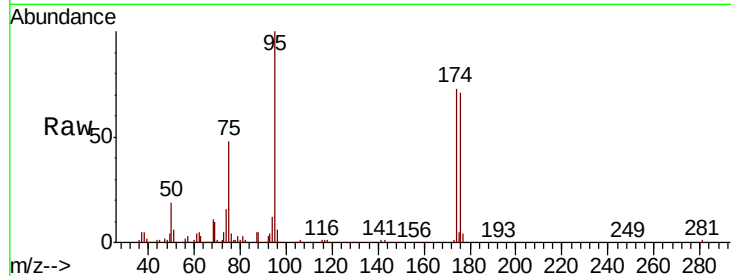
S1

Tot Ion: 75 Resp: 47012

Ion Ratio Lower Upper

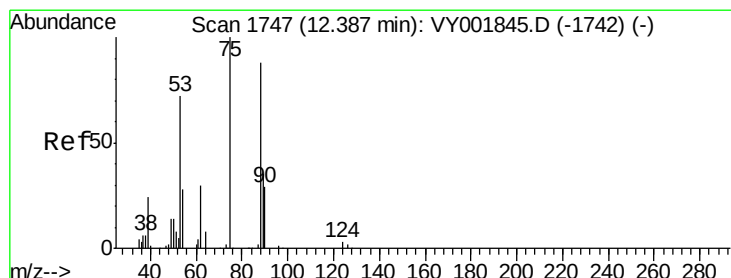
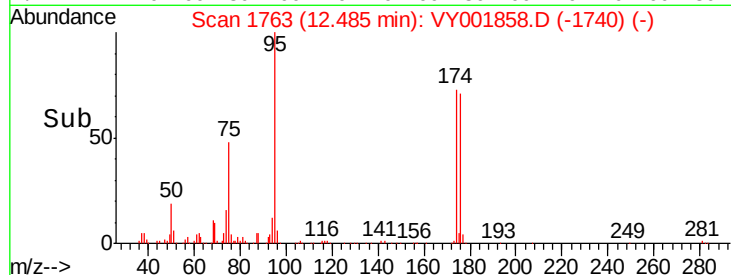
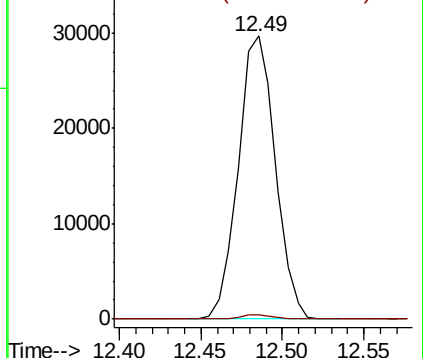
75 100

77 1.3 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: 101.911 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001858.D

Acq: 04 Mar 2020 16:57

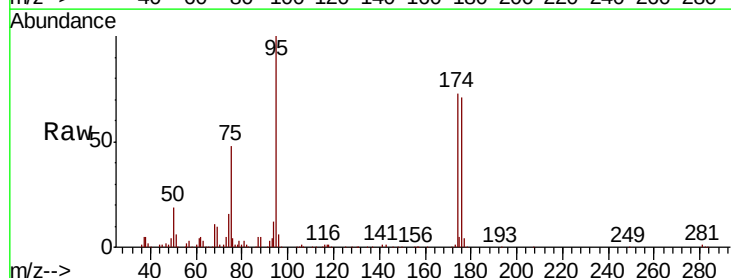
Tgt Ion: 75 Resp: 47012

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

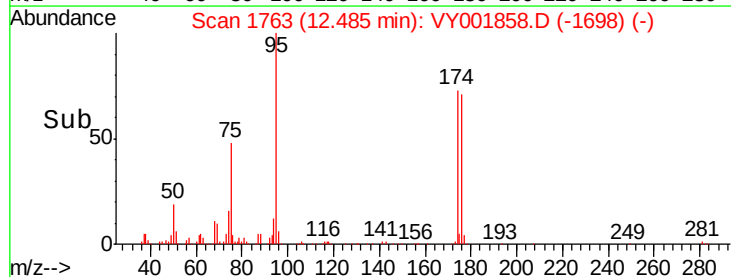
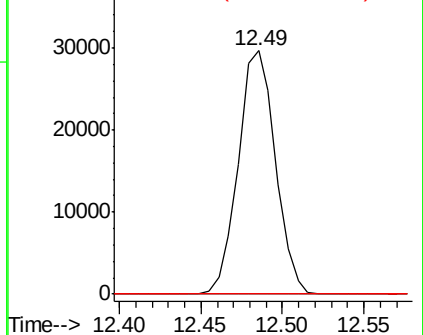
89 0.0 36.0 54.0#

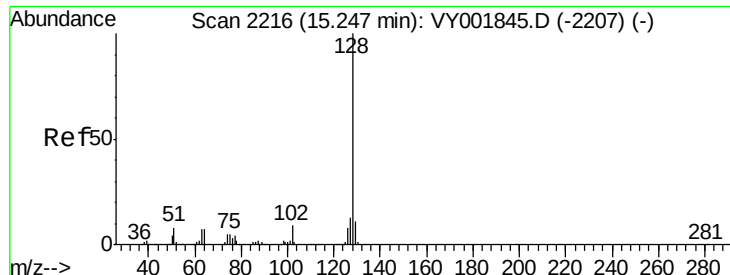


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95
Naphthalene
Concen: 3.988 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001858.D
Acq: 04 Mar 2020 16:57

Instrument :
MSVOA_Y
ClientSampleId :
S1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	10.8	8.6	13.0

