

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001860.D
 Acq On : 04 Mar 2020 17:42
 Operator : SY/MD
 Sample : L1778-06
 Misc : 5.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN1

Quant Time: Mar 05 04:11:19 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

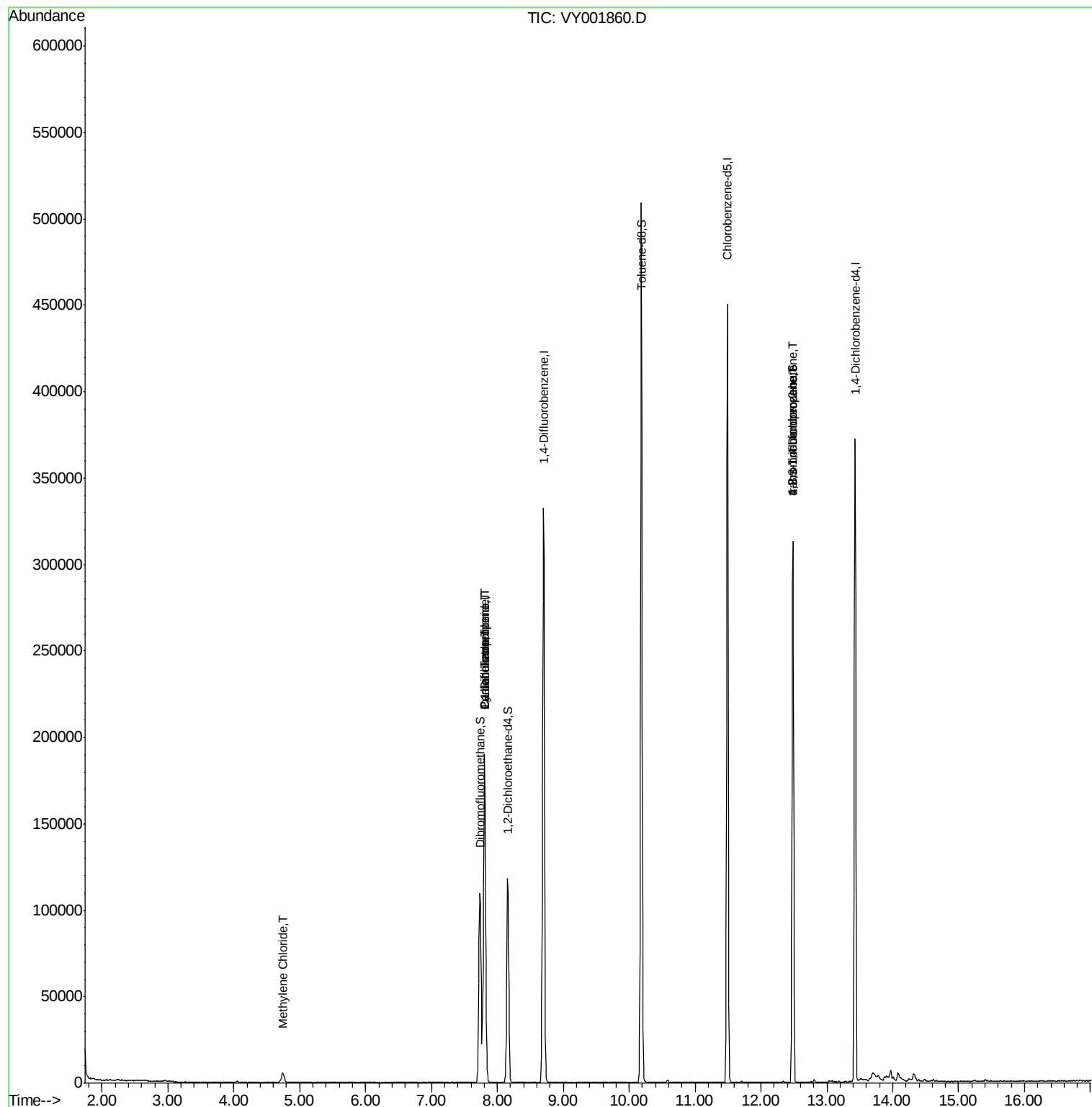
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143505	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	273551	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	240435	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	92315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87051	56.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.74	113	80463	53.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.74%	
50) Toluene-d8	10.19	98	329732	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.49	95	103339	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.75	94	22	Below Cal	#	4
11) Tert butyl alcohol	4.99	59	20	Below Cal	#	74
20) Methylene Chloride	4.74	84	4407	2.304	ug/l	88
31) Cyclohexane	7.80	56	3398	1.009	ug/l #	27
36) 1,1-Dichloropropene	7.80	75	12228	4.645	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14450	6.426	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	51826	47.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51826	95.571	ug/l #	17

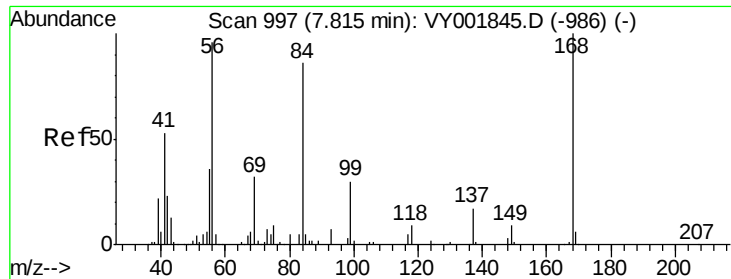
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
Data File : VY001860.D
Acq On : 04 Mar 2020 17:42
Operator : SY/MD
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Misc : 5.78G/5ML/MSVOA Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DN1

Quant Time: Mar 05 04:11:19 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: VY001860.D

Acq: 04 Mar 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

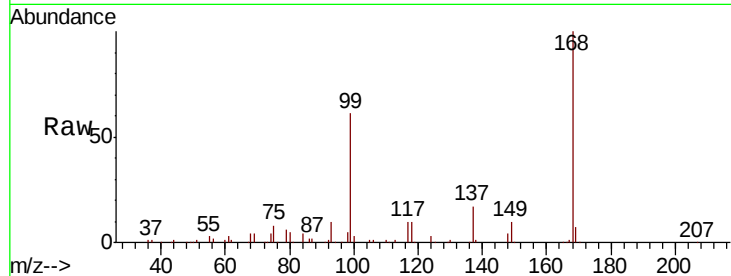
DN1

Tot Ion:168 Resp: 143505

Ion Ratio Lower Upper

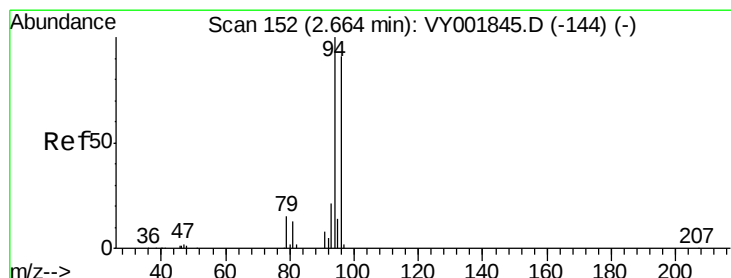
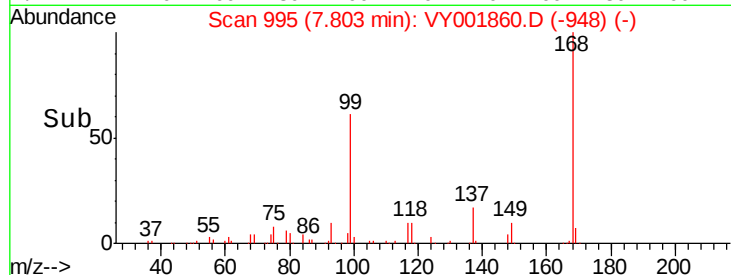
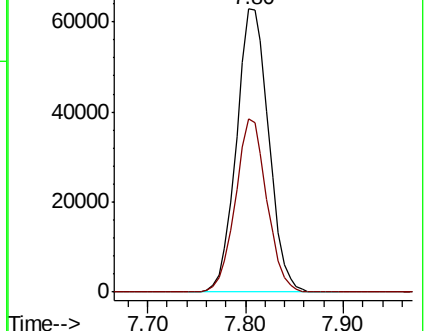
168 100

99 61.2 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: 2.75 min Scan# 166

Delta R.T. 0.09 min

Lab File: VY001860.D

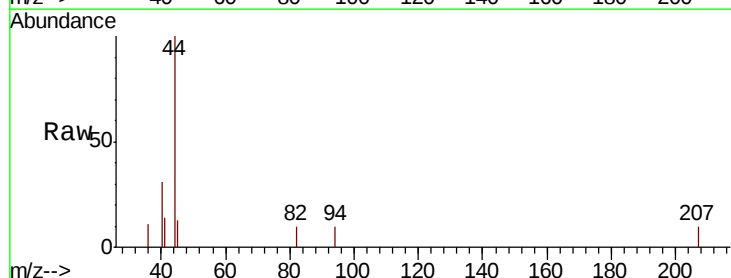
Acq: 04 Mar 2020 17:42

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

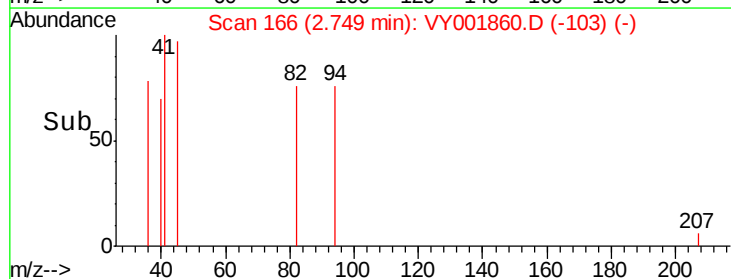
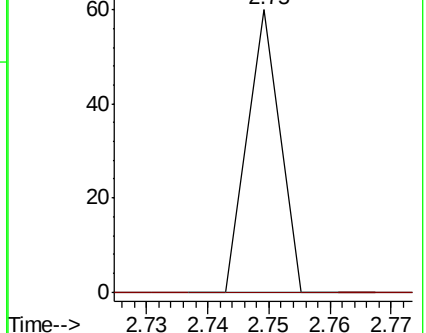
94 100

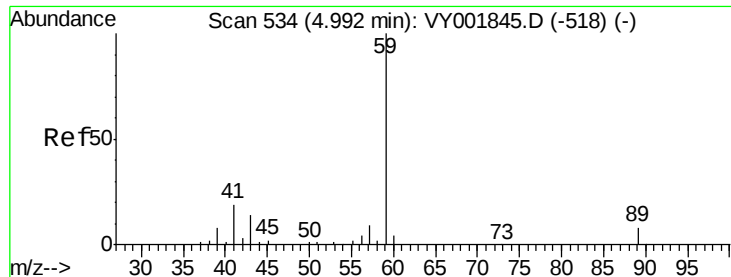
96 0.0 73.2 109.8#



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

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



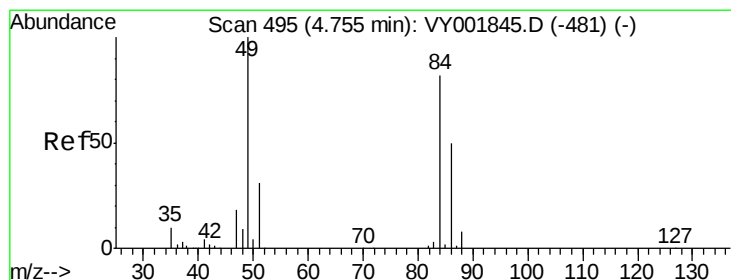
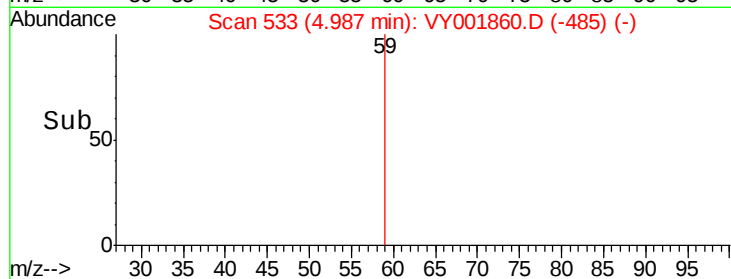
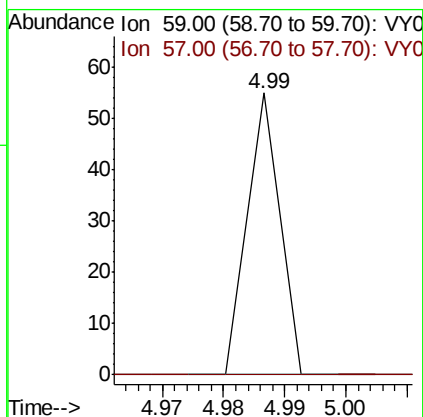
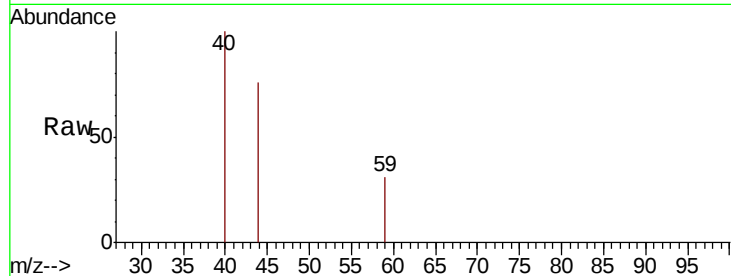


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001860.D
 Acq: 04 Mar 2020 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN1

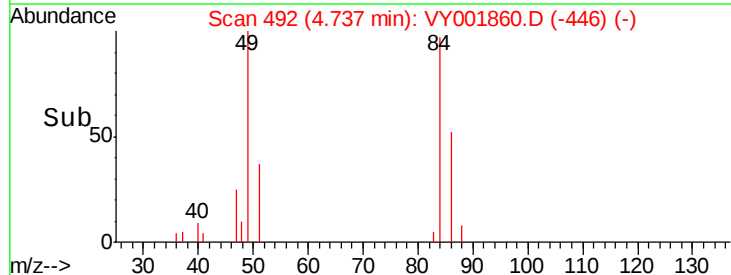
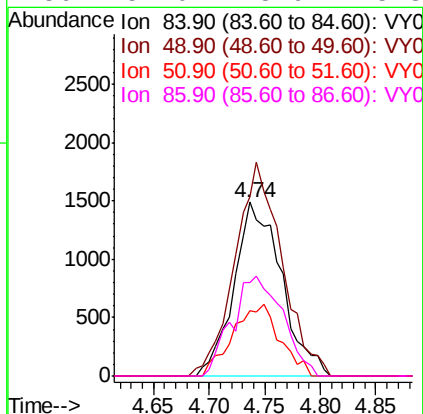
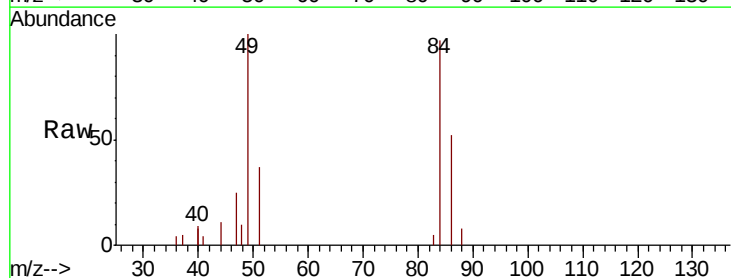
Tot Ion: 59 Resp: 20
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

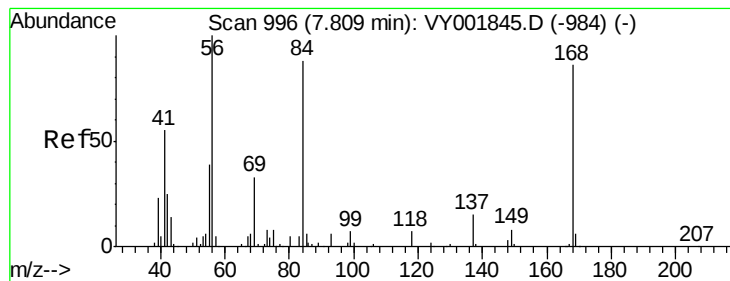


#20

Methylene Chloride
 Concen: 2.304 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VY001860.D
 Acq: 04 Mar 2020 17:42

Tgt Ion: 84 Resp: 4407
 Ion Ratio Lower Upper
 84 100
 49 102.9 98.2 147.2
 51 37.8 30.2 45.2
 86 54.0 48.9 73.3





#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

Instrument :
MSVOA_Y
ClientSampled :
DN1

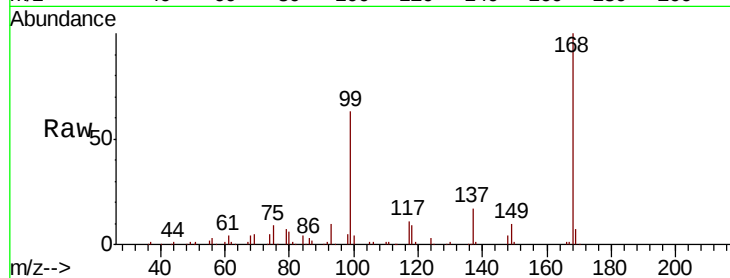
Tot Ion: 56 Resp: 3398

Ion Ratio Lower Upper

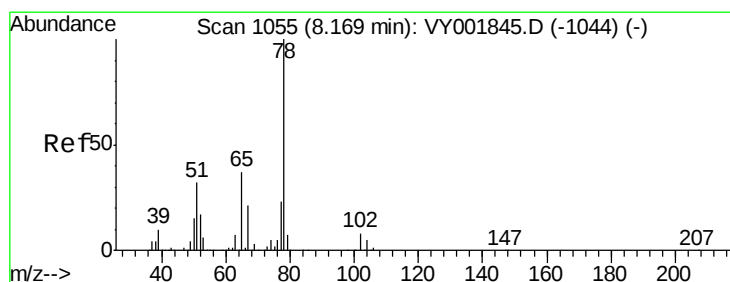
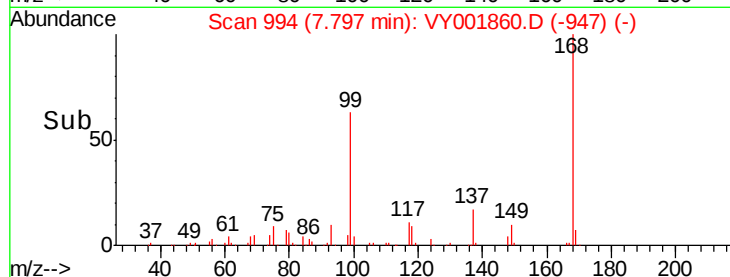
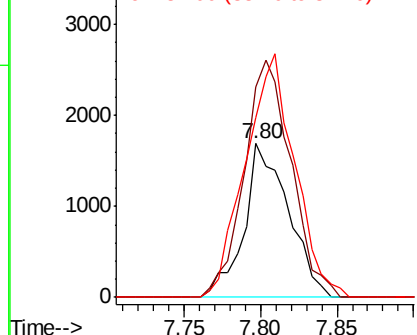
56 100

69 136.9 26.7 40.1#

84 117.4 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: 56.821 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001860.D

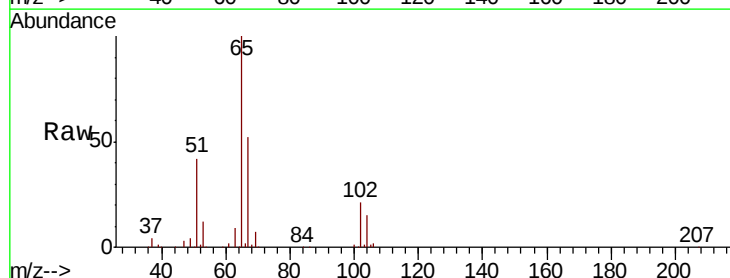
Acq: 04 Mar 2020 17:42

Tgt Ion: 65 Resp: 87051

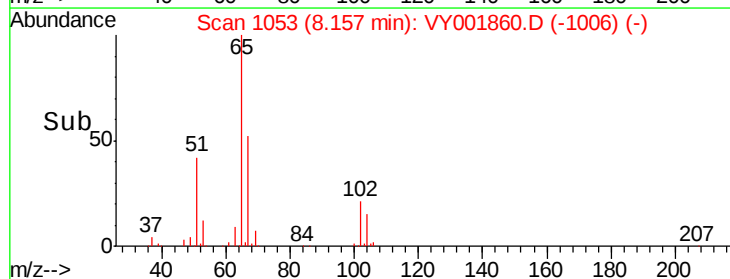
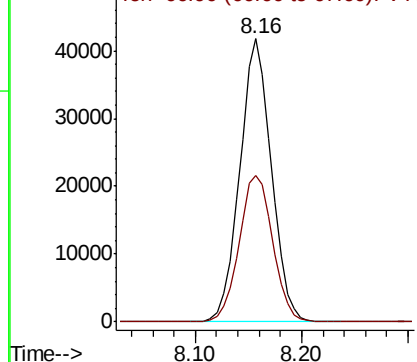
Ion Ratio Lower Upper

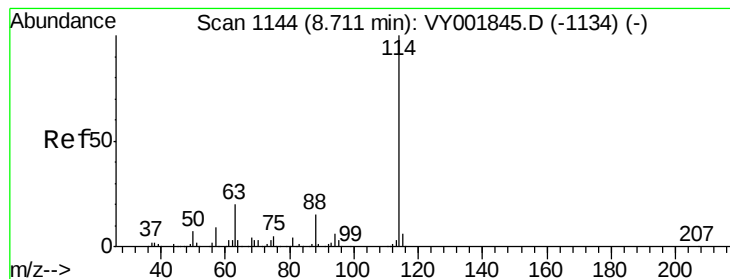
65 100

67 55.0 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: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

DN1

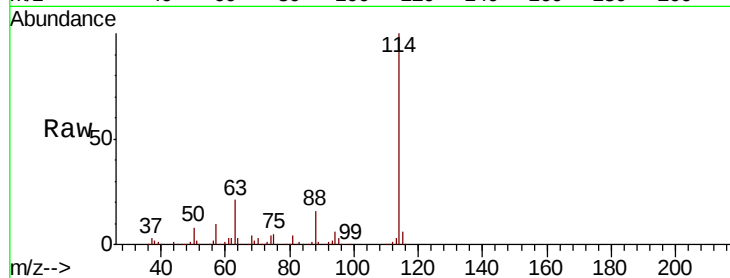
Tot Ion:114 Resp: 273551

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

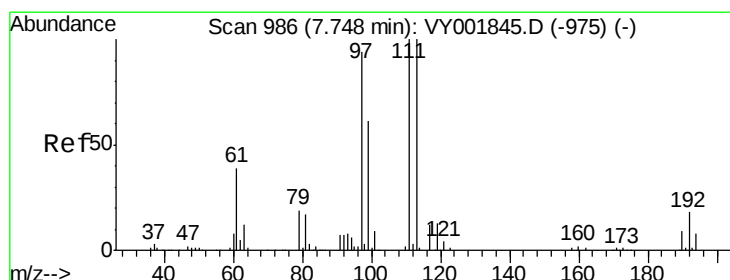
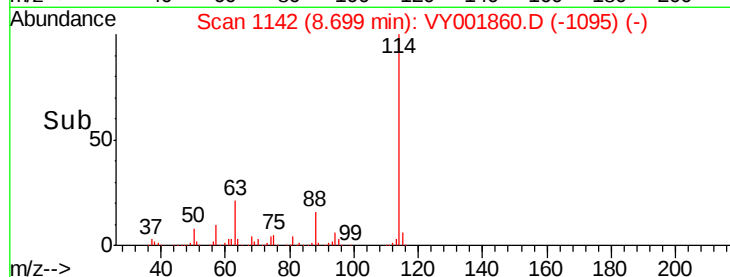
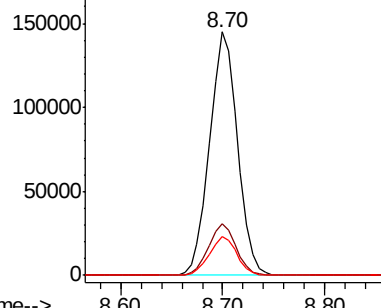
88 15.9 0.0 30.4



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: 53.868 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

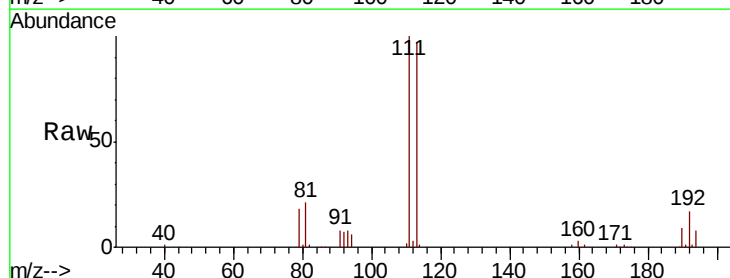
Tgt Ion:113 Resp: 80463

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

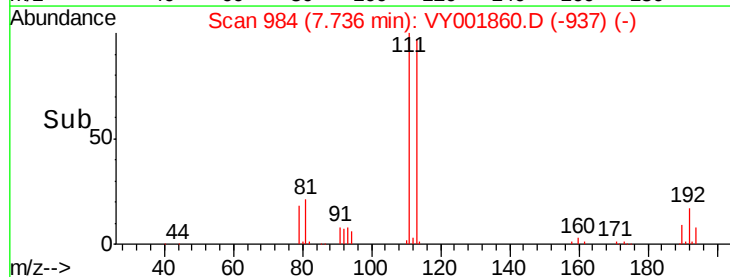
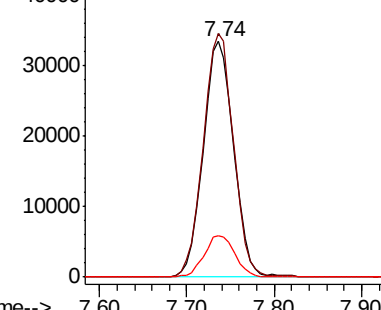
192 17.8 14.2 21.2

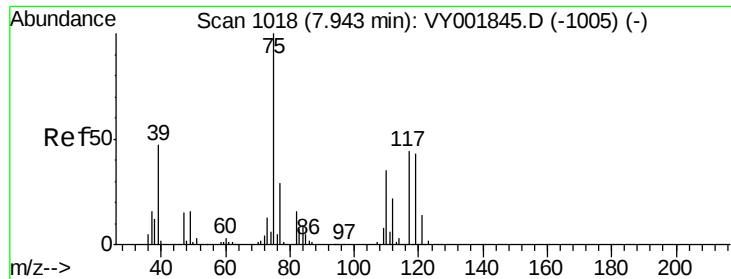


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

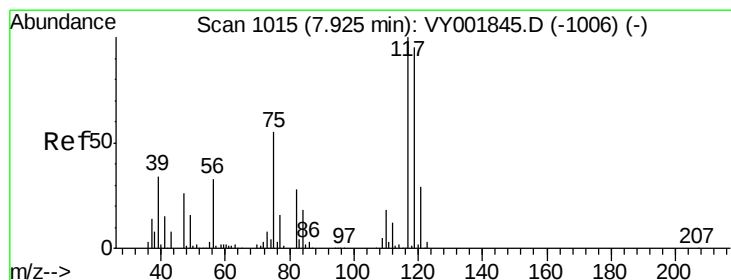
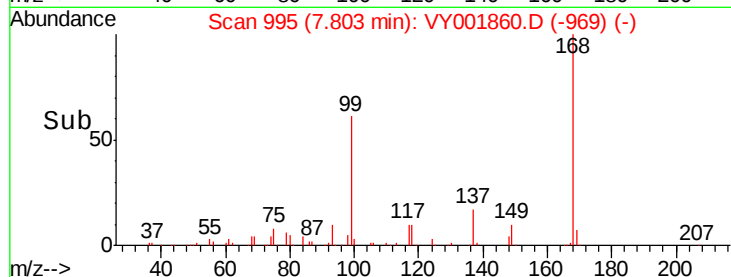
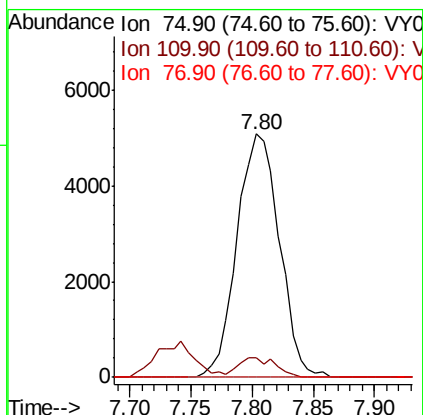
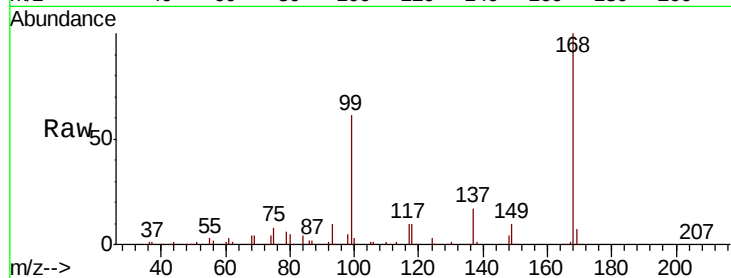




#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY001860.D
 Acq: 04 Mar 2020 17:42

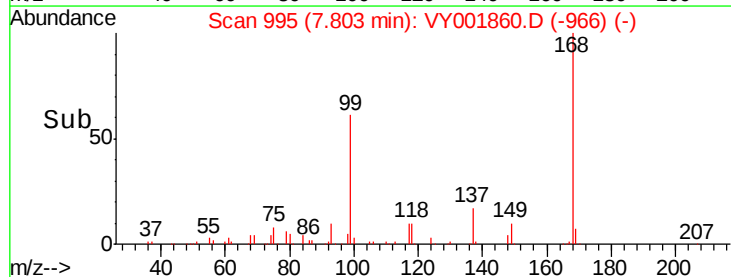
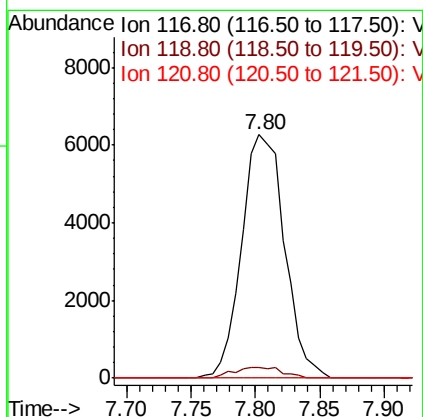
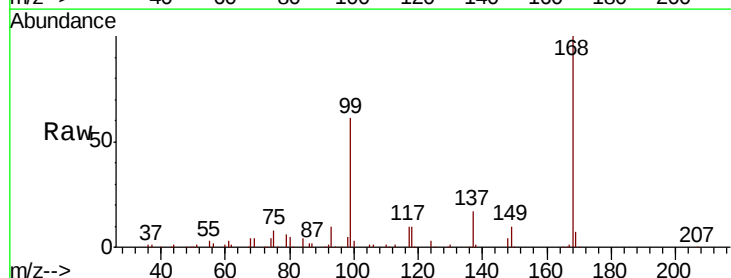
Instrument :
 MSVOA_Y
 ClientSampleId :
 DN1

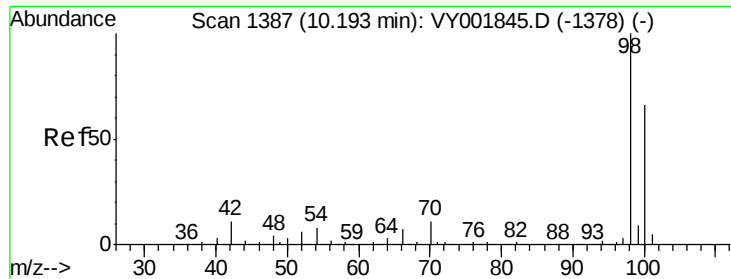
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.1	17.4	52.2#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.426 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001860.D
 Acq: 04 Mar 2020 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

Instrument :

MSVOA_Y

ClientSampled :

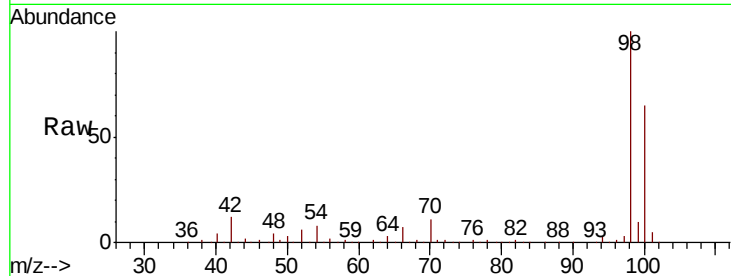
DN1

Tot Ion: 98 Resp: 329732

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

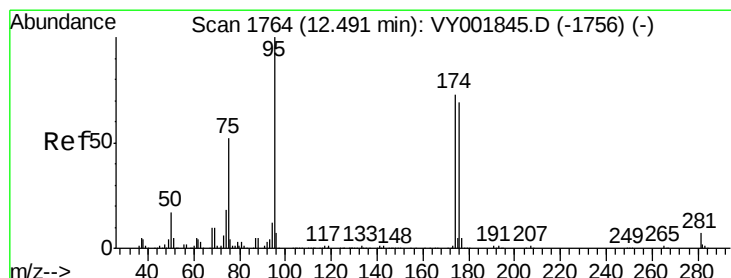
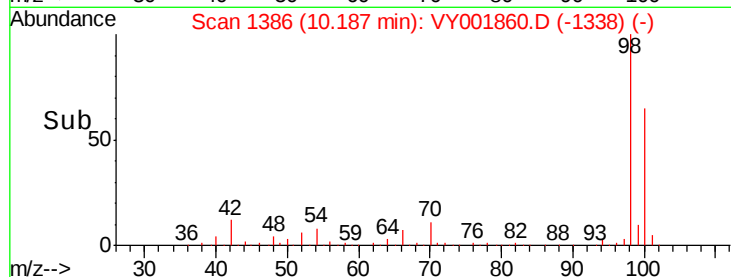
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.184 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

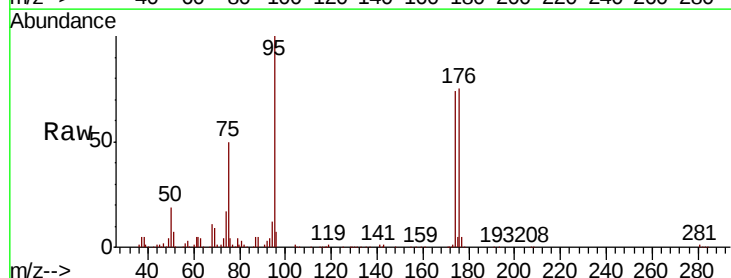
Tgt Ion: 95 Resp: 103339

Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.0

176 71.3 0.0 137.4



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

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

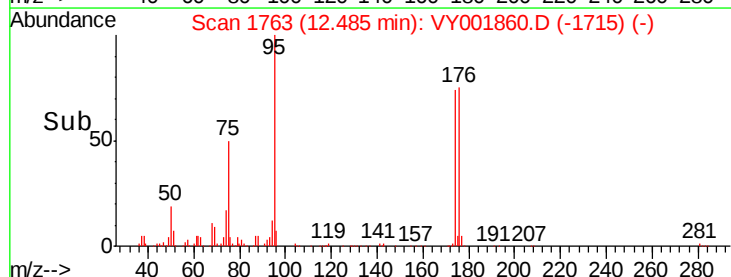
60000

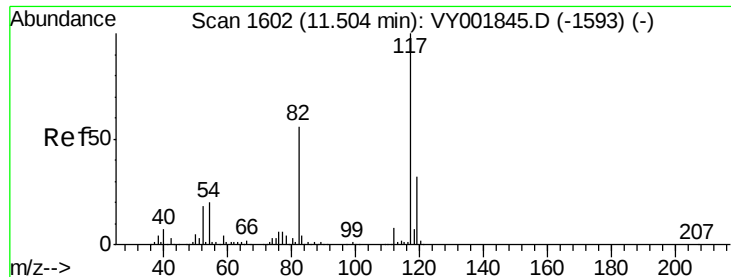
40000

20000

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Time-->

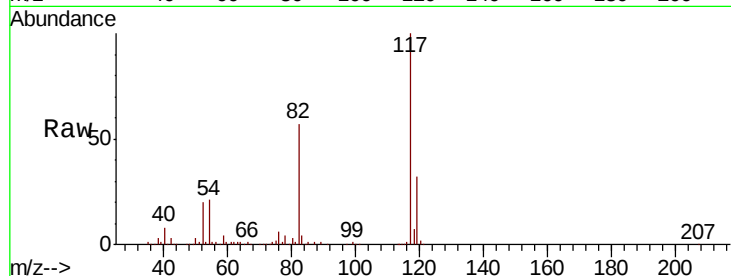




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001860.D
Acq: 04 Mar 2020 17:42

Instrument :
MSVOA_Y
ClientSampleId :
DN1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.5	66.7
119	31.9	25.7	38.5

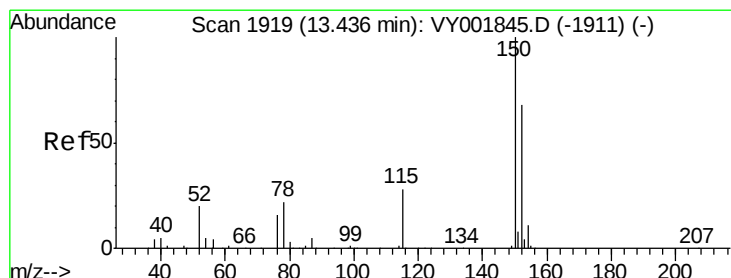
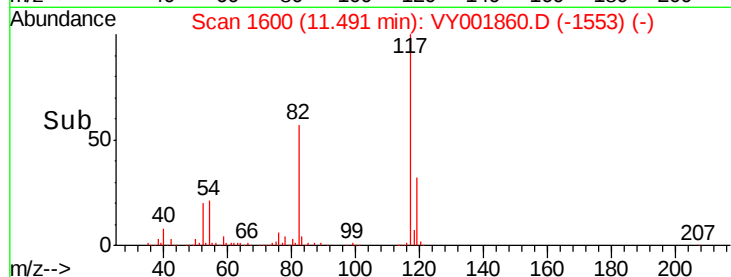
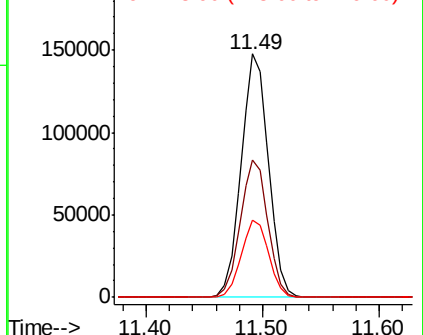


Abundance

Ion 116.90 (116.60 to 117.60): V

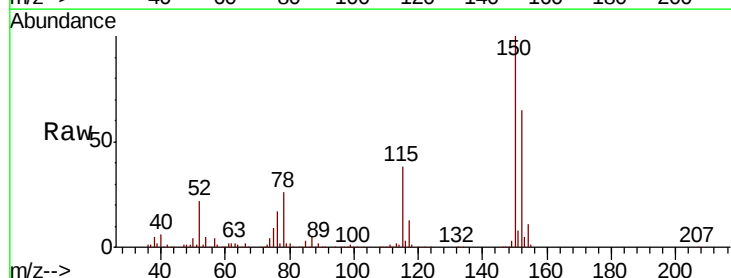
Ion 82.00 (81.70 to 82.70): VY0

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: VY001860.D
Acq: 04 Mar 2020 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	157.1	0.0	340.6

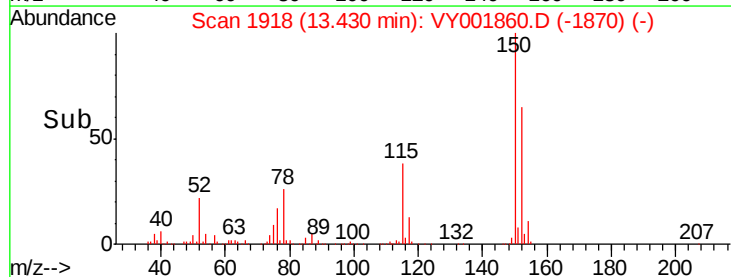
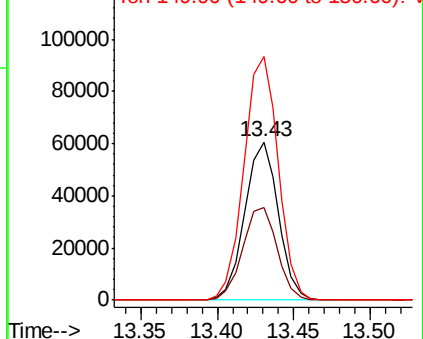


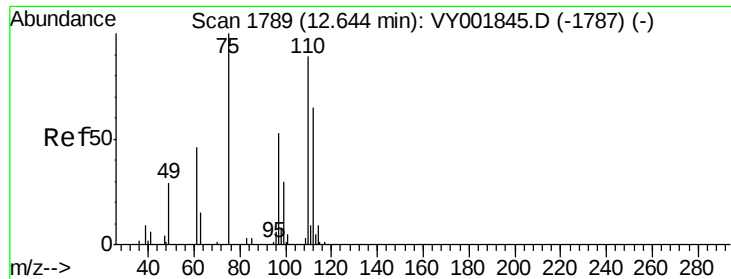
Abundance

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: 47.313 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

Instrument :

MSVOA_Y

ClientSampleId :

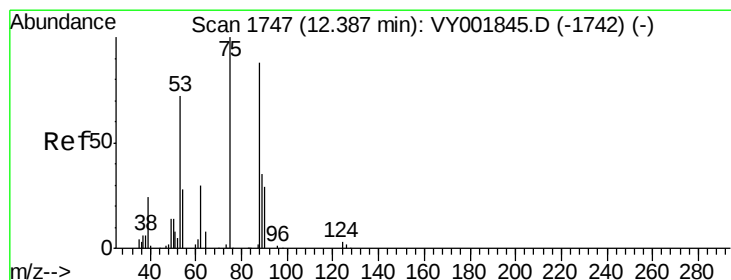
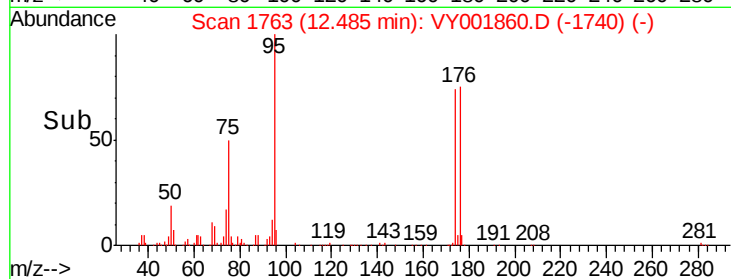
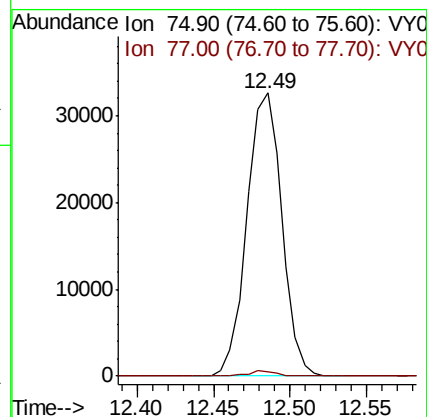
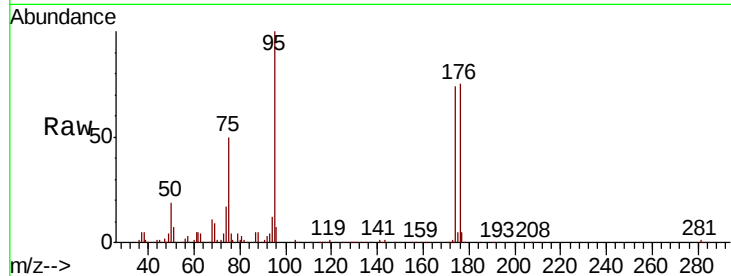
DN1

Tot Ion: 75 Resp: 51826

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.571 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001860.D

Acq: 04 Mar 2020 17:42

Tgt Ion: 75 Resp: 51826

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

