

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001898.D
 Acq On : 06 Mar 2020 13:48
 Operator : SY/MD
 Sample : L1762-10RE
 Misc : 3.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:08:08 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

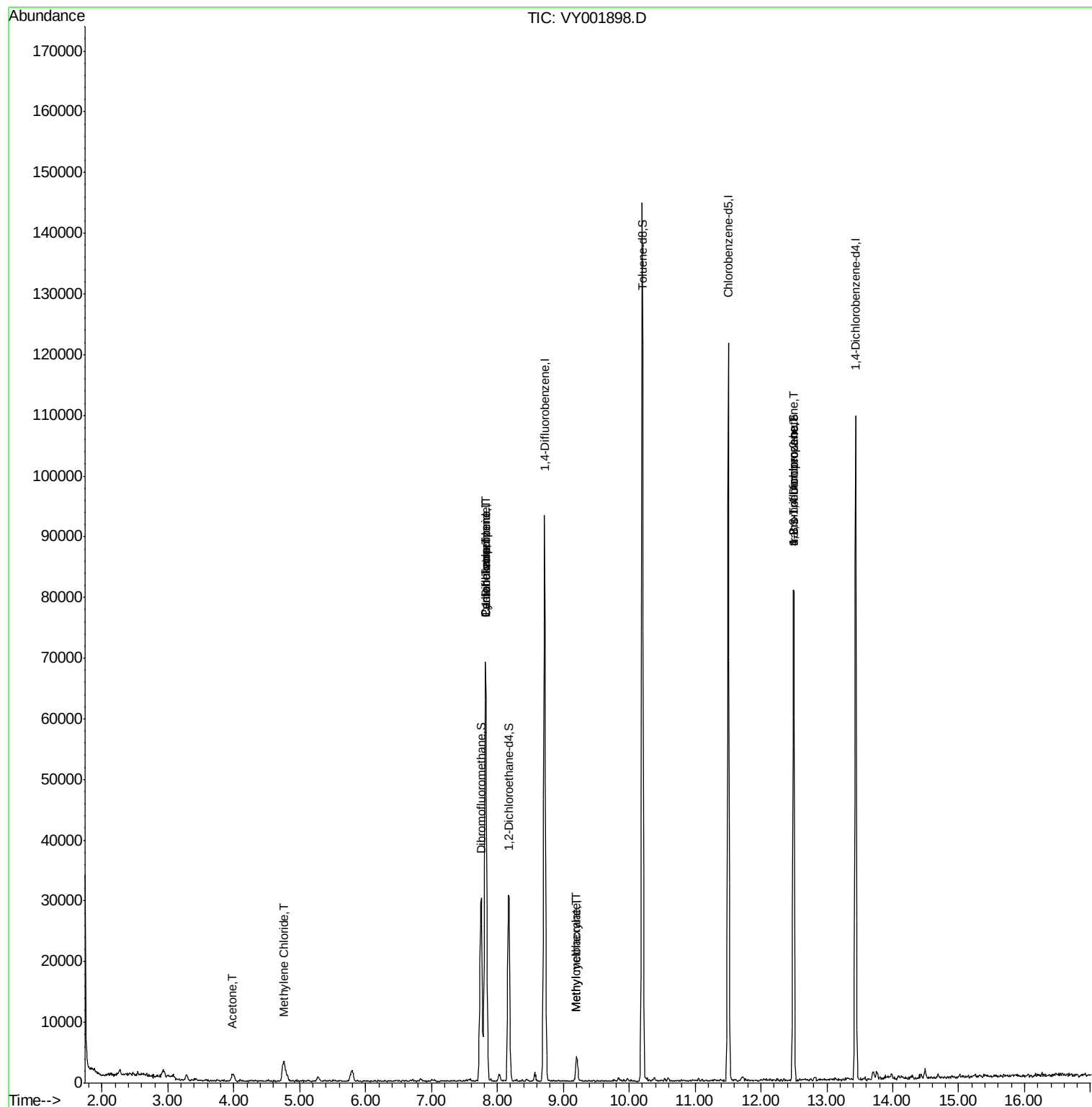
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	50079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	79827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	62895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	25994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	23140	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
35) Dibromofluoromethane	7.75	113	22196	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.20	98	93287	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.49	95	27044	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	2341	15.034	ug/l #	79
20) Methylene Chloride	4.76	84	2326	3.485	ug/l	95
31) Cyclohexane	7.82	56	1807	1.538	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	4300	5.598	ug/l #	48
38) Carbon Tetrachloride	7.82	117	5305	8.084	ug/l #	19
39) Methylcyclohexane	9.20	83	1672	1.641	ug/l	98
48) Methyl methacrylate	9.20	41	992	2.645	ug/l #	57
76) 1,2,3-Trichloropropane	12.49	75	13610	44.126	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	13610	89.132	ug/l #	17

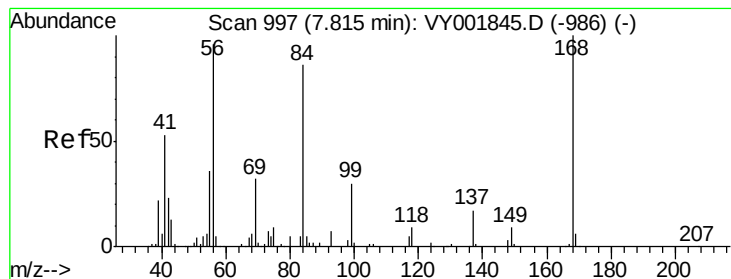
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

Instrument :

MSVOA_Y

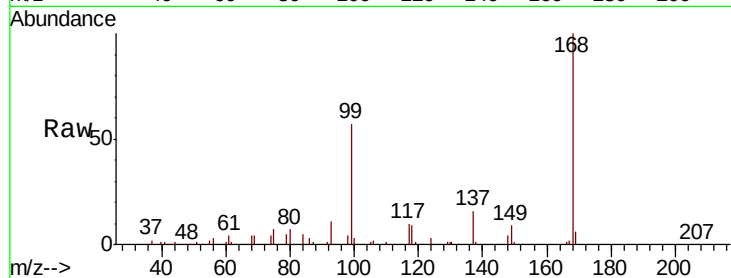
ClientSampleId :

Tot Ion:168 Resp: 50079

Ion Ratio Lower Upper

168 100

99 56.7 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) (-)

7.82

25000

20000

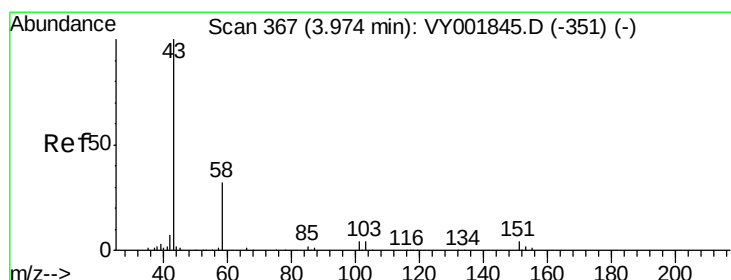
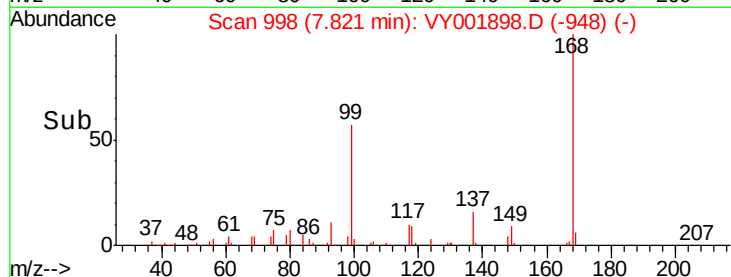
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 15.034 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001898.D

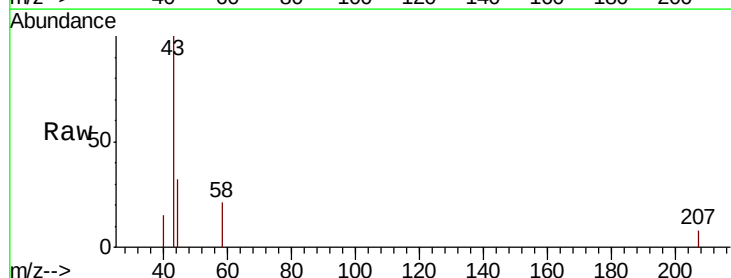
Acq: 06 Mar 2020 13:48

Tgt Ion: 43 Resp: 2341

Ion Ratio Lower Upper

43 100

58 20.7 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) (-)

3.98

1000

800

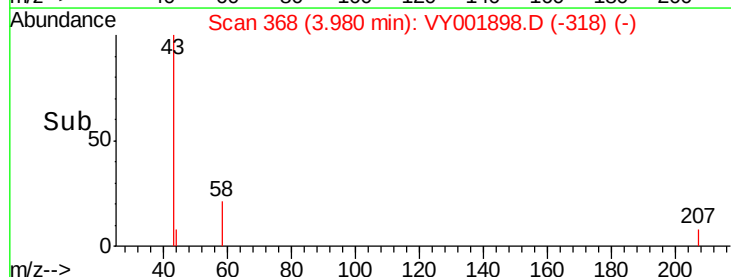
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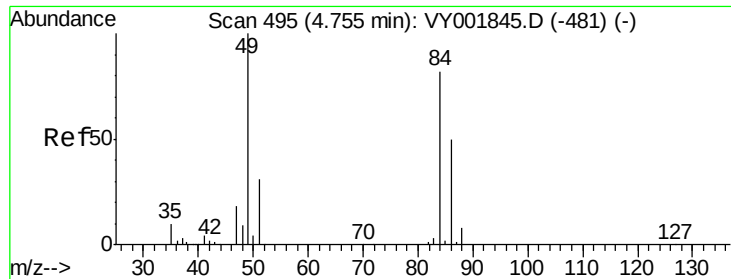
400

200

0

Time-->

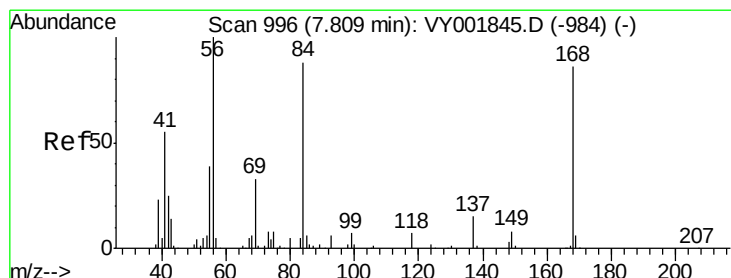
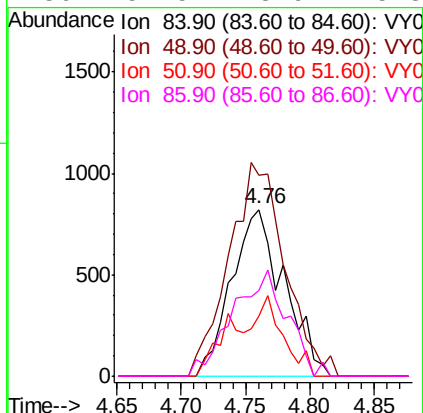
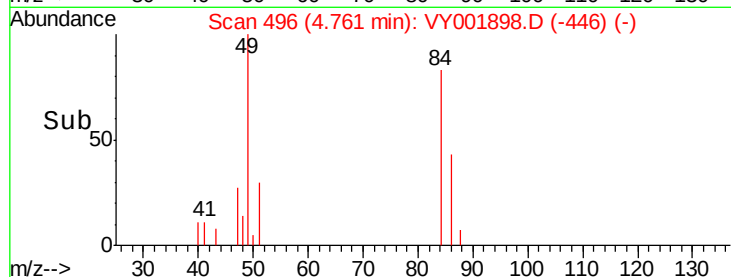
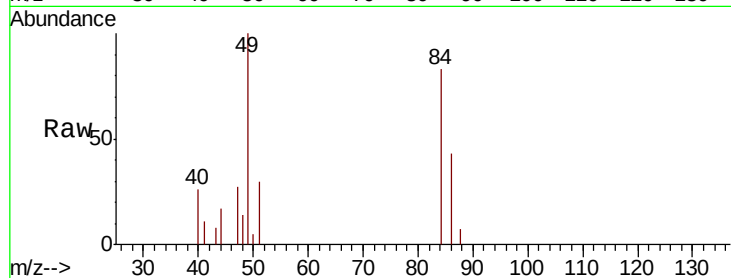




#20
Methylene Chloride
Concen: 3.485 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

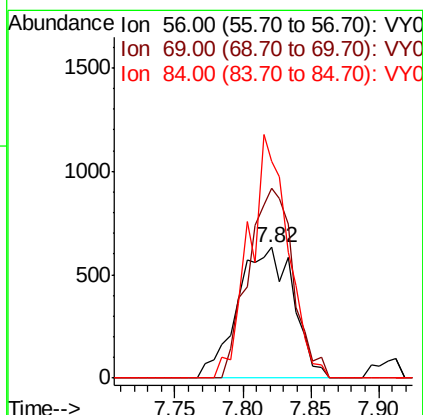
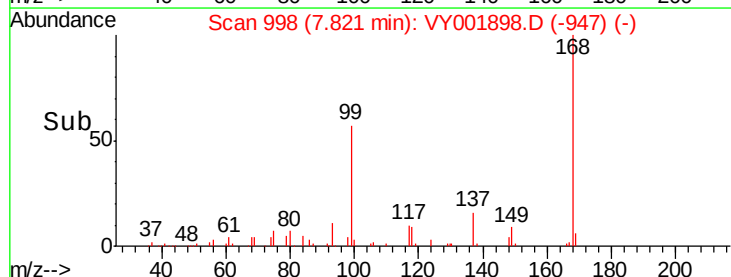
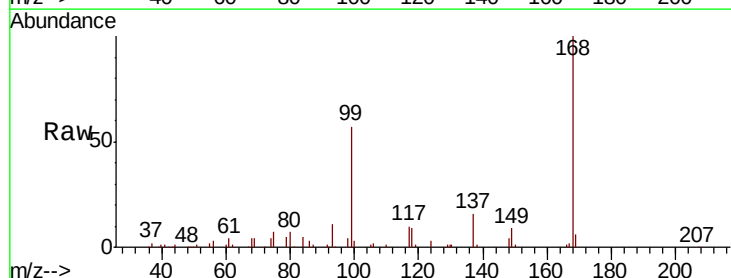
Instrument :
MSVOA_Y
ClientSampleId :

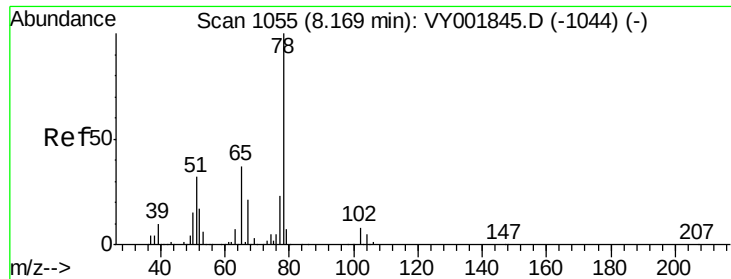
Tot Ion:	84	Resp:	2326
Ion	Ratio	Lower	Upper
84	100		
49	120.3	98.2	147.2
51	36.2	30.2	45.2
86	51.5	48.9	73.3



#31
Cyclohexane
Concen: 1.538 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Tgt Ion:	56	Resp:	1807
Ion	Ratio	Lower	Upper
56	100		
69	144.9	26.7	40.1#
84	166.3	70.4	105.6#

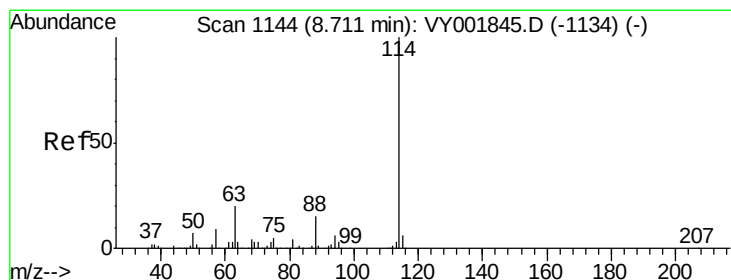
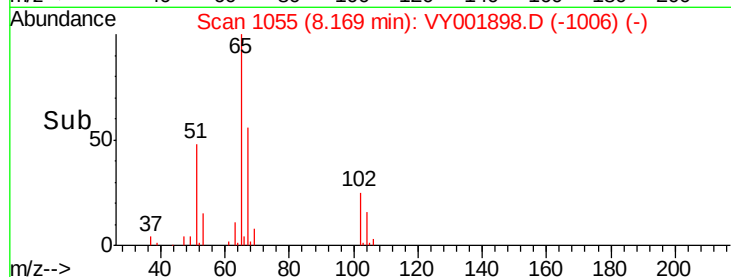
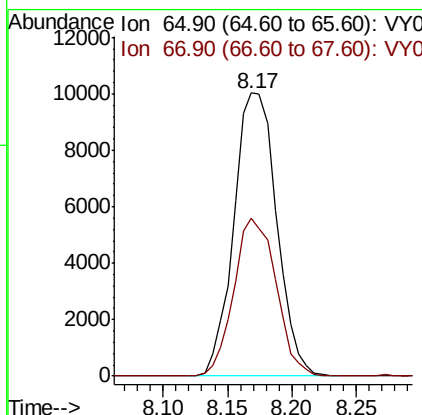
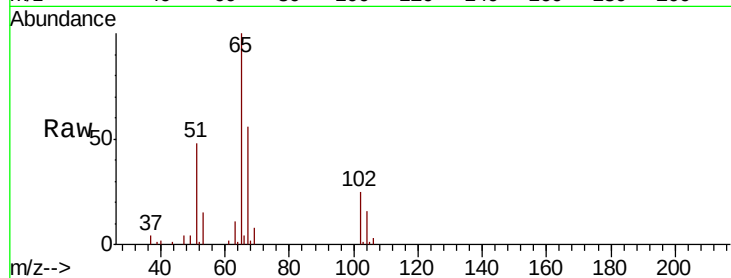




#33
 1,2-Dichloroethane-d4
 Concen: 43.283 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

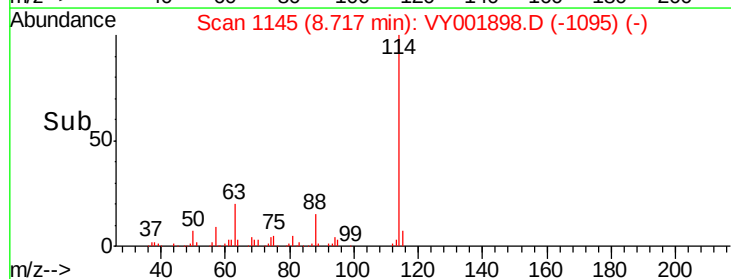
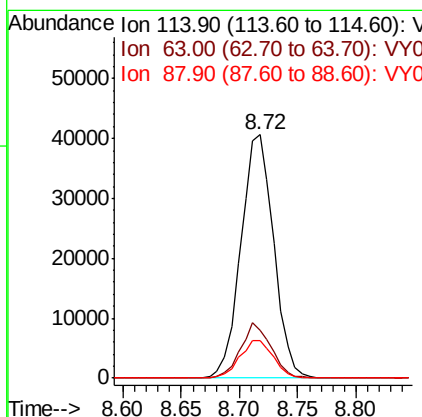
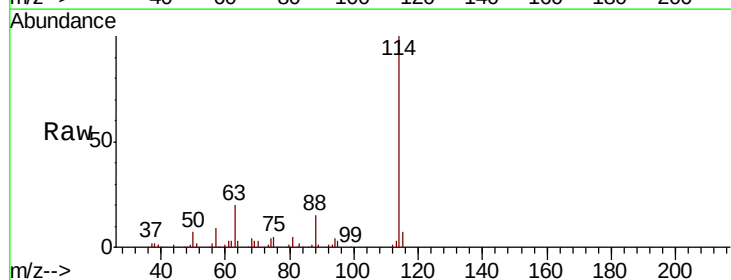
Instrument :
 MSVOA_Y
 ClientSampled :

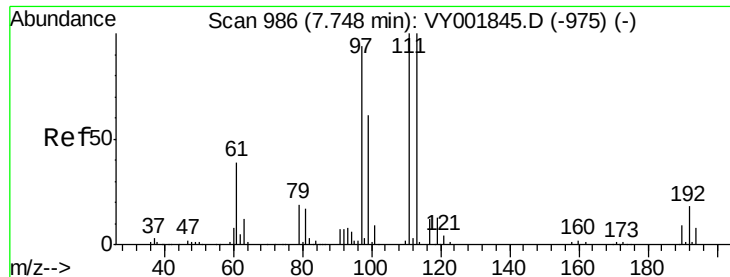
Tot Ion: 65 Resp: 23140
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

Tgt Ion: 114 Resp: 79827
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.4 0.0 30.4

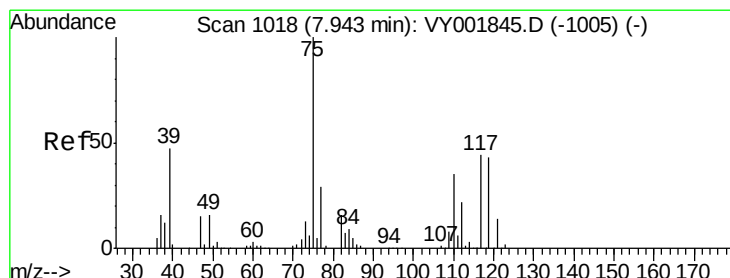
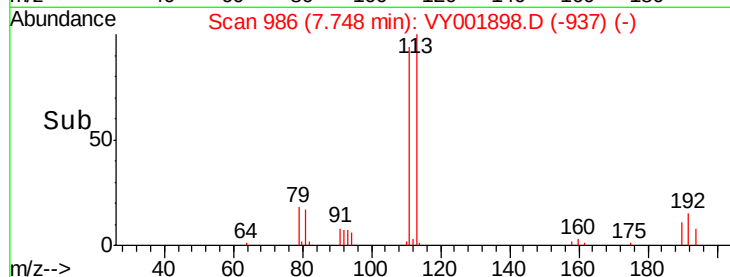
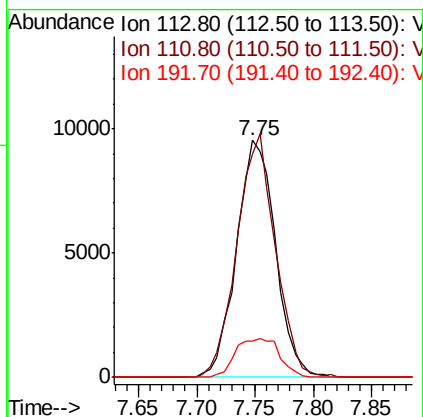
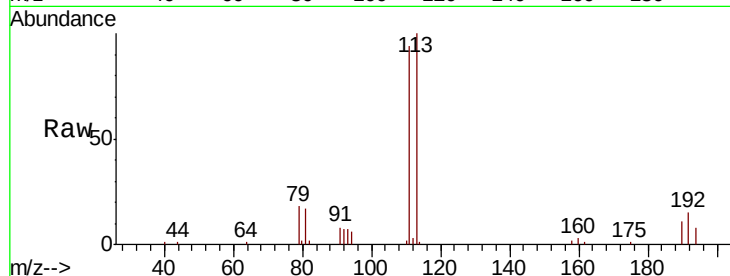




#35
 Dibromofluoromethane
 Concen: 50.921 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

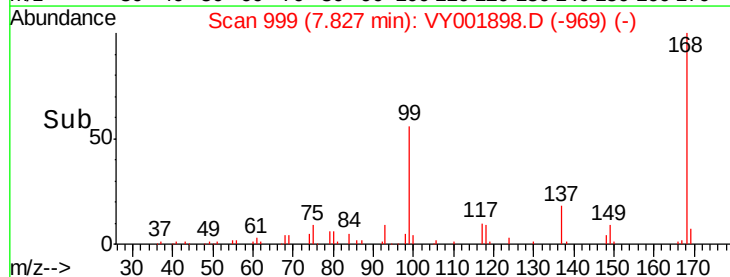
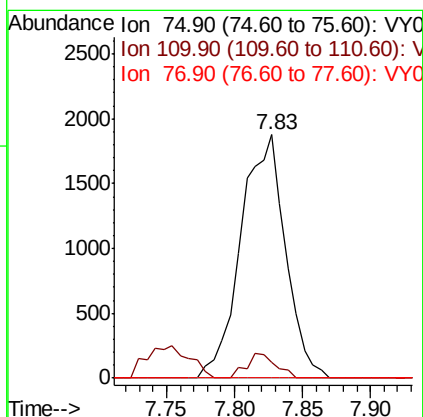
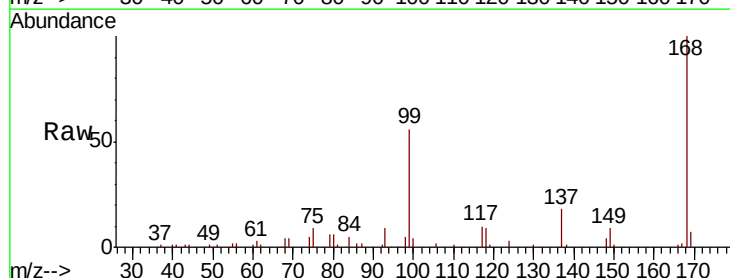
Instrument :
 MSVOA_Y
 ClientSampled :

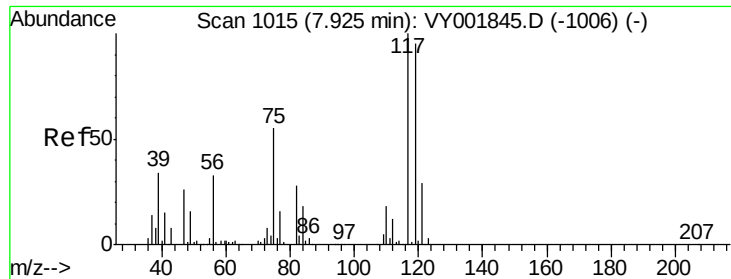
Tot Ion:113 Resp: 22196
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 18.6 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 5.598 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.12 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

Tgt Ion: 75 Resp: 4300
 Ion Ratio Lower Upper
 75 100
 110 6.7 17.4 52.2#
 77 0.0 24.2 36.2#

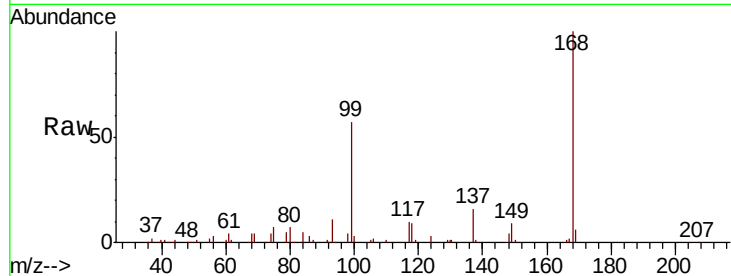




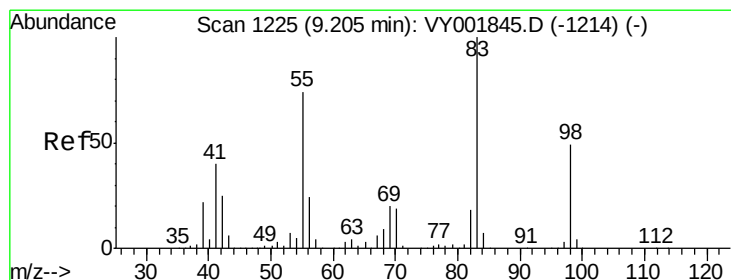
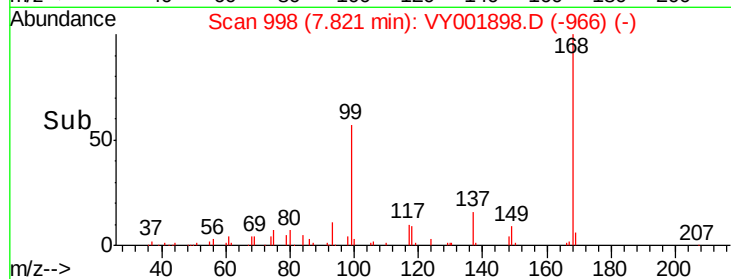
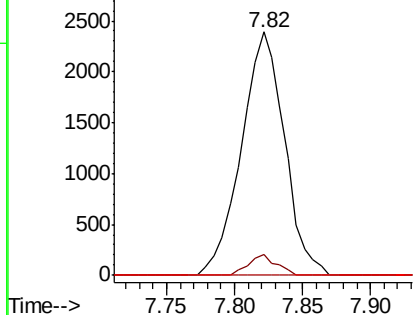
#38
Carbon Tetrachloride
Concen: 8.084 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 5305
Ion Ratio Lower Upper
117 100
119 8.6 76.3 114.5#
121 0.0 23.5 35.3#

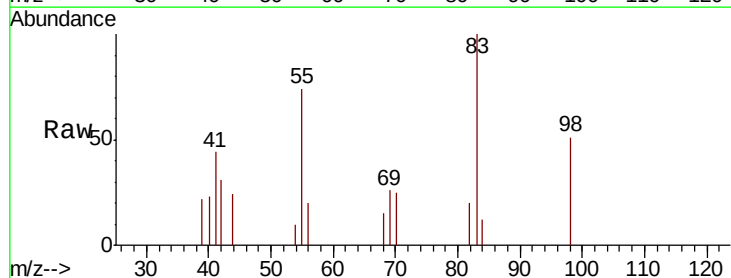


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

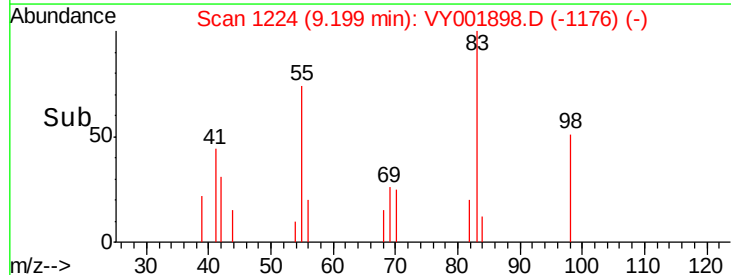
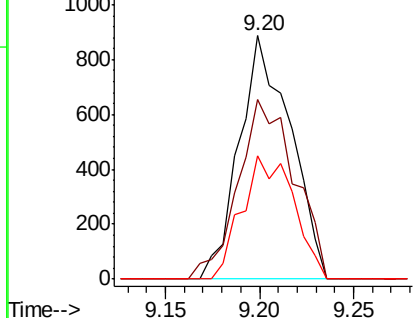


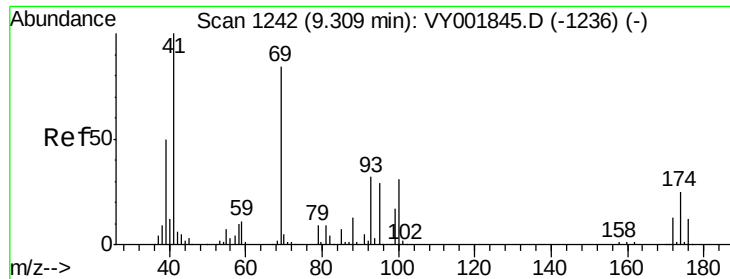
#39
Methylcyclohexane
Concen: 1.641 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Tgt Ion: 83 Resp: 1672
Ion Ratio Lower Upper
83 100
55 73.5 59.4 89.0
98 50.6 38.9 58.3



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

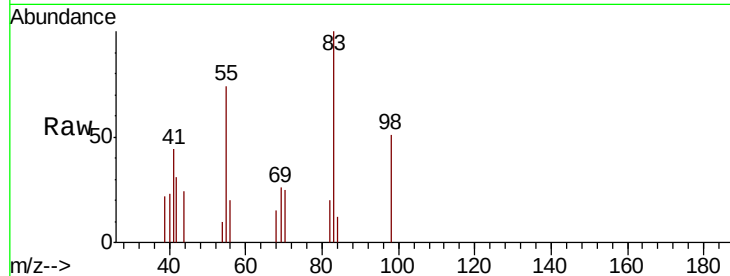




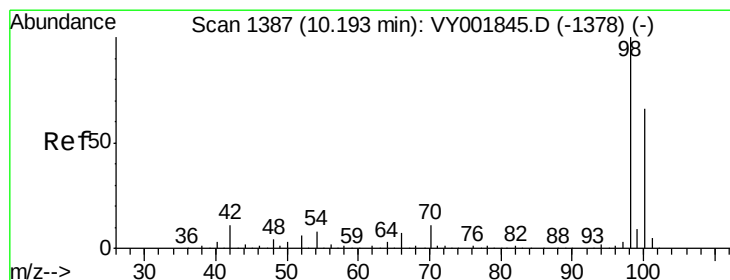
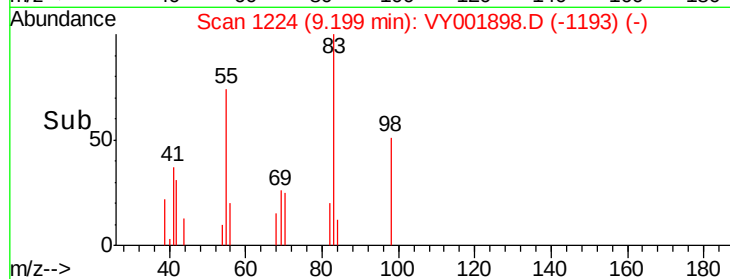
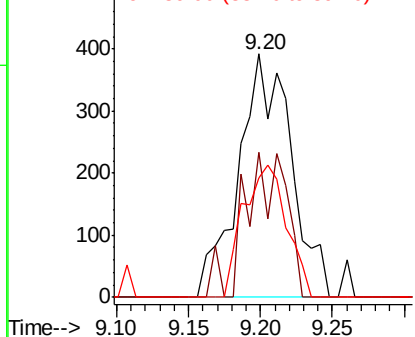
#48
Methvl methacrylate
Concen: 2.645 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.11 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 992
Ion Ratio Lower Upper
41 100
69 27.8 69.0 103.6#
39 45.2 39.1 58.7

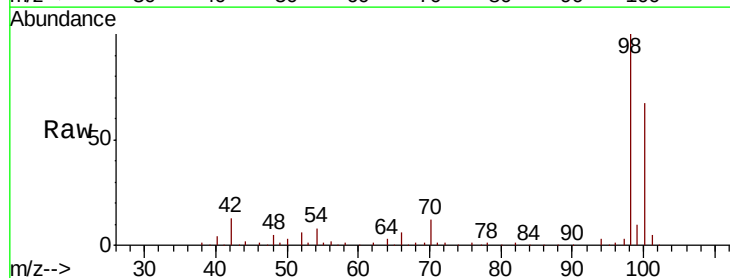


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

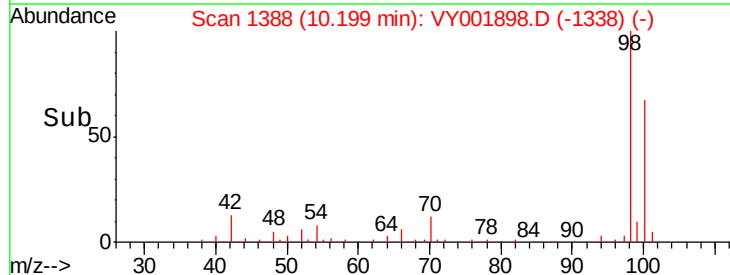
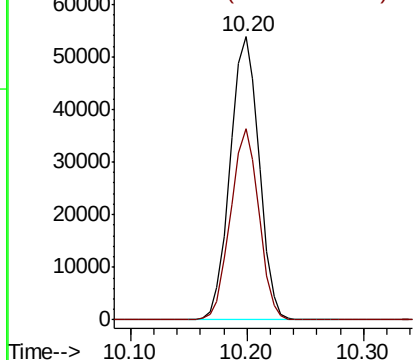


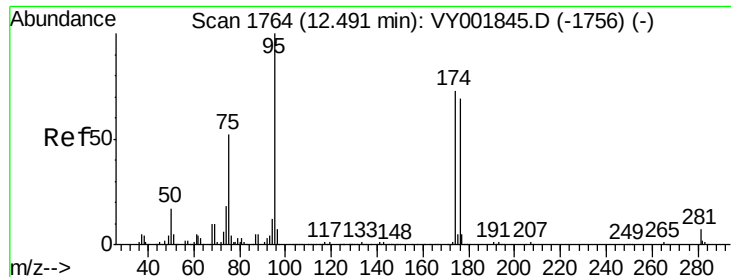
#50
Toluene-d8
Concen: 50.752 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Tgt Ion: 98 Resp: 93287
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

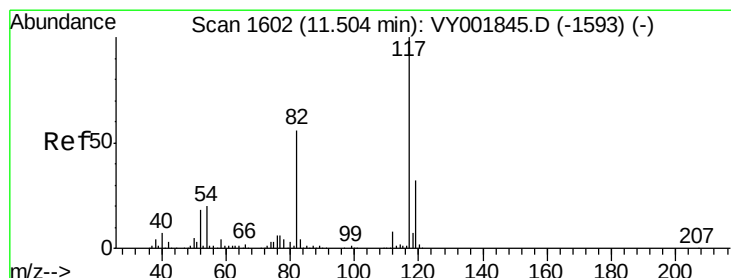
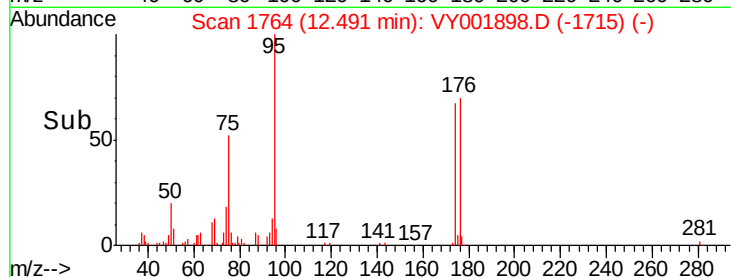
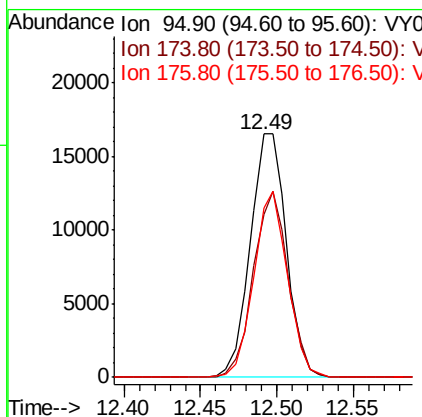
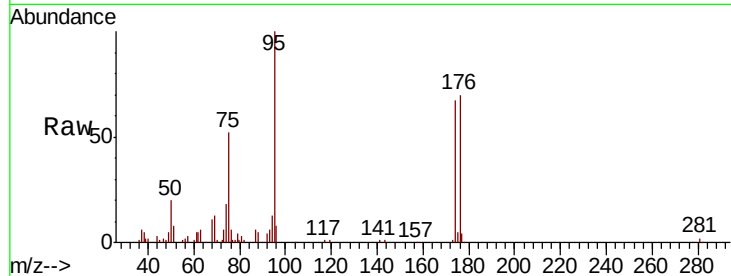




#62
4-Bromofluorobenzene
Concen: 42.314 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

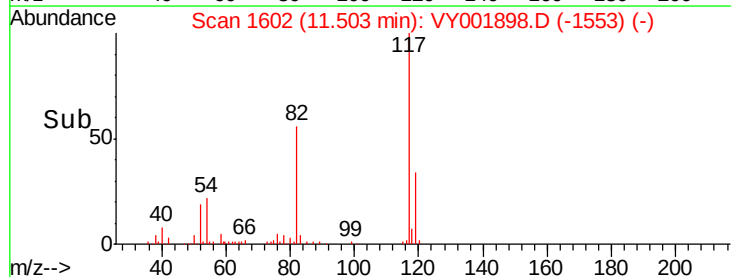
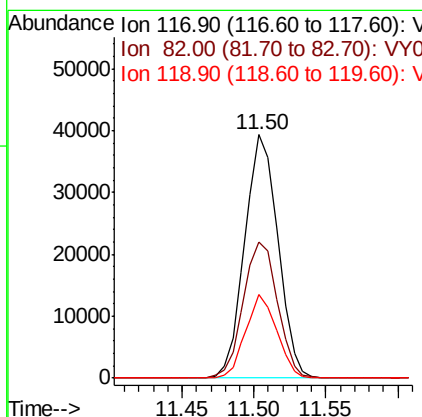
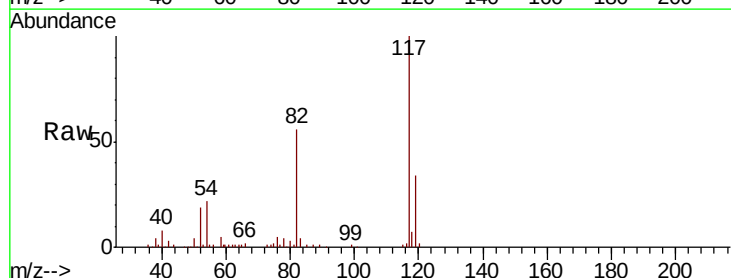
Instrument :
MSVOA_Y
ClientSampleId :

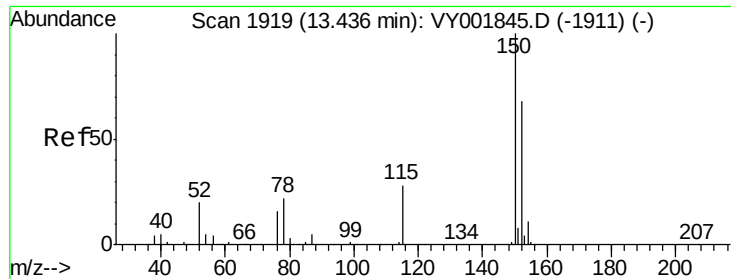
Tot Ion	95	Resp	27044
Ion Ratio	Lower	Upper	
95	100		
174	73.5	0.0	145.0
176	71.5	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001898.D
Acq: 06 Mar 2020 13:48

Tgt Ion	117	Resp	62895
Ion Ratio	Lower	Upper	
117	100		
82	55.7	44.5	66.7
119	34.2	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001898.D

Acq: 06 Mar 2020 13:48

Instrument :

MSVOA_Y

ClientSampleId :

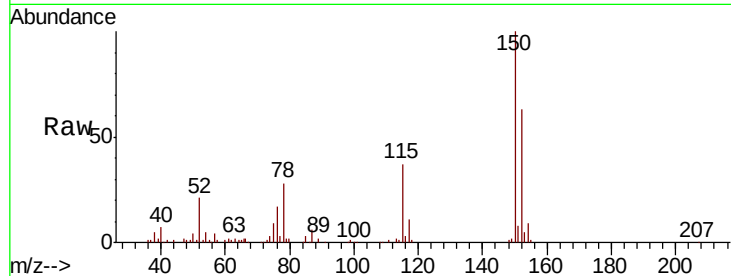
Tot Ion:152 Resp: 25994

Ion Ratio Lower Upper

152 100

115 61.6 29.9 89.7

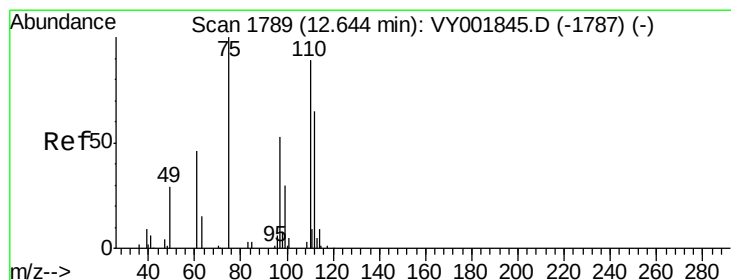
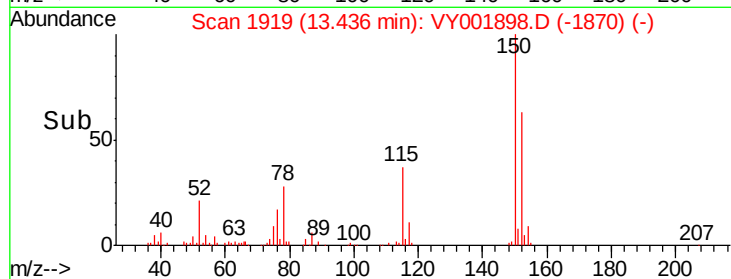
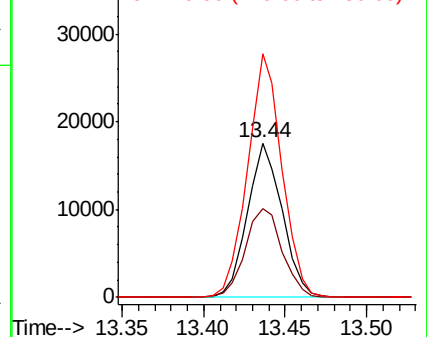
150 156.3 0.0 340.6



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: 44.126 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001898.D

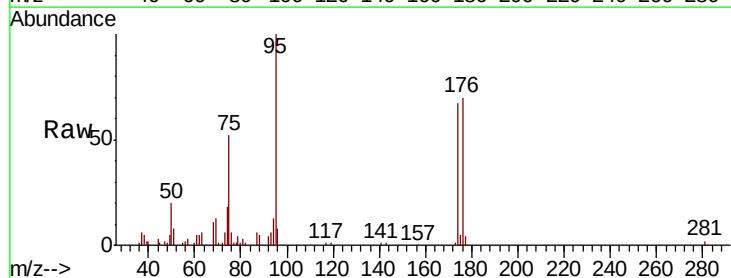
Acq: 06 Mar 2020 13:48

Tgt Ion: 75 Resp: 13610

Ion Ratio Lower Upper

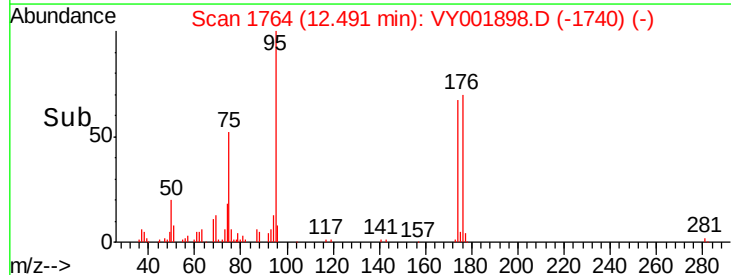
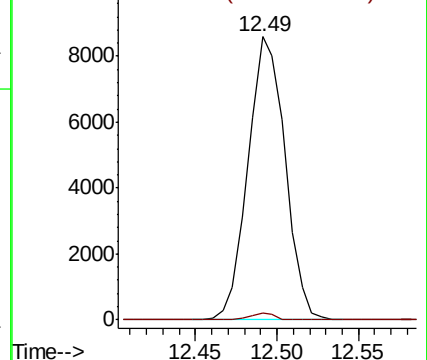
75 100

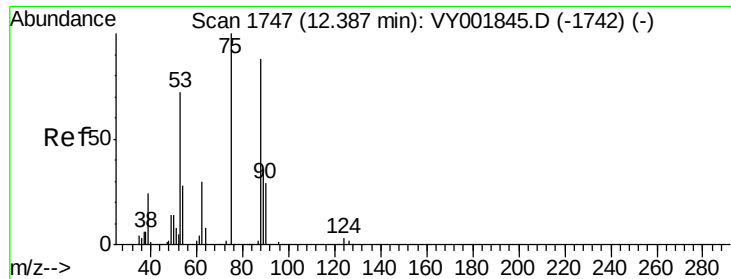
77 1.4 0.0 0.0#



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: 89.132 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001898.D
 Acq: 06 Mar 2020 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 13610
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.0 36.0 54.0#

