

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002432.D
 Acq On : 21 Apr 2020 14:56
 Operator : SY/MD
 Sample : L2284-05RE
 Misc : 5.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 16:08:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

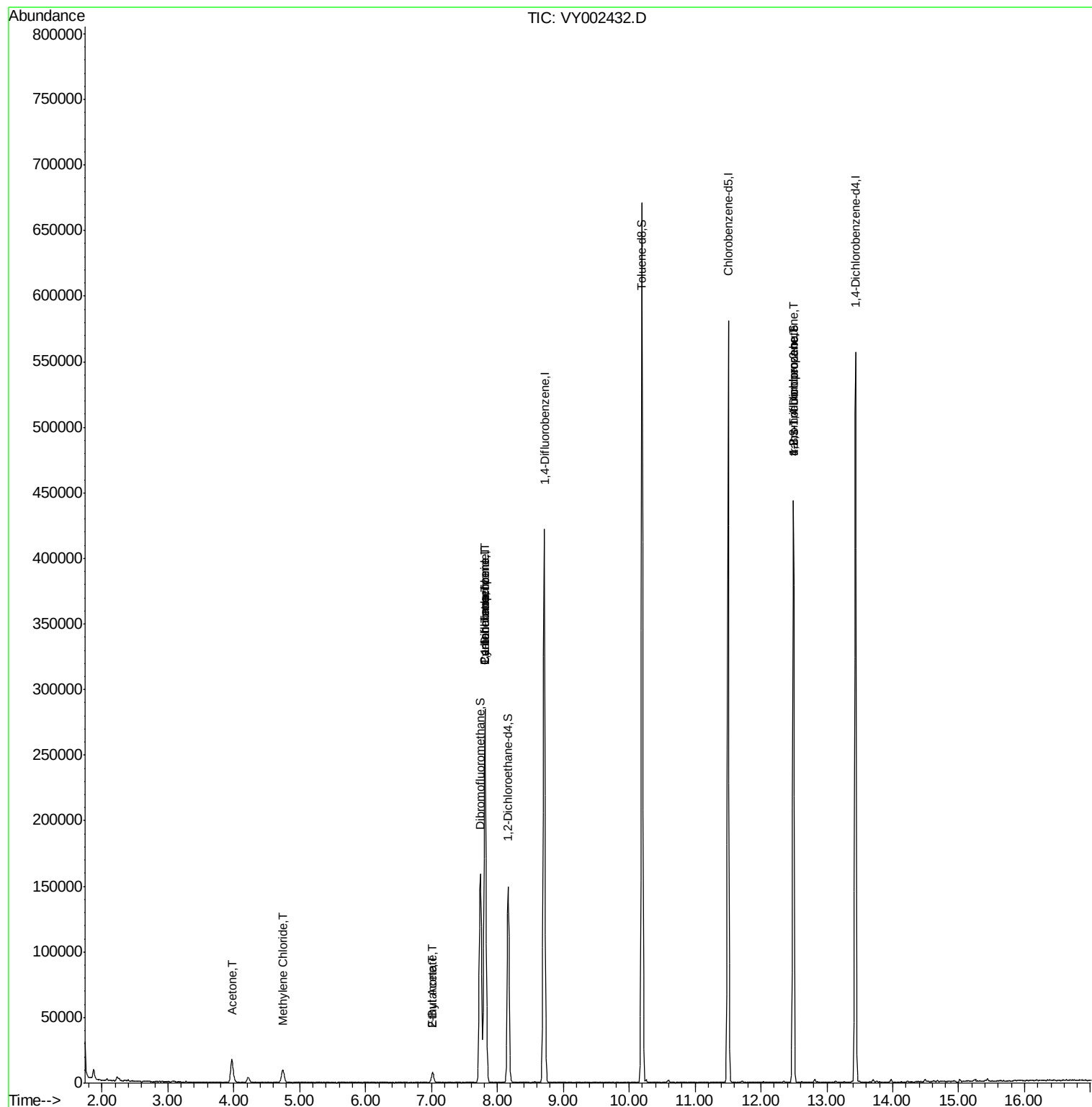
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	245627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	399434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	347448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107599	60.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.46%	
35) Dibromofluoromethane	7.74	113	116062	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
50) Toluene-d8	10.19	98	458608	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
62) 4-Bromofluorobenzene	12.49	95	137743	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
Target Compounds						
16) Acetone	3.97	43	30738	64.386	ug/l	91
20) Methylene Chloride	4.74	84	8040	3.010	ug/l	95
25) 2-Butanone	7.02	43	11504	16.905	ug/l	93
31) Cyclohexane	7.81	56	3936	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	14618	4.548	ug/l #	47
37) Ethyl Acetate	7.02	43	11504	7.654	ug/l #	64
38) Carbon Tetrachloride	7.82	117	21852	6.750	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	63987	47.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63987	93.036	ug/l #	19

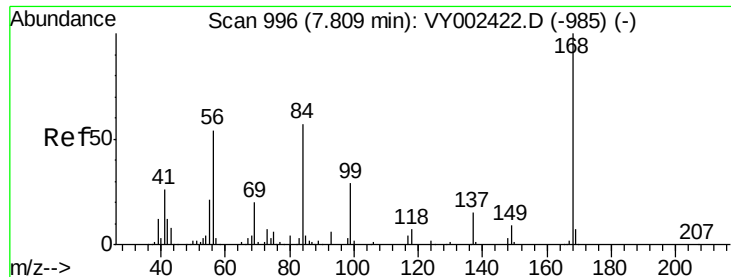
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

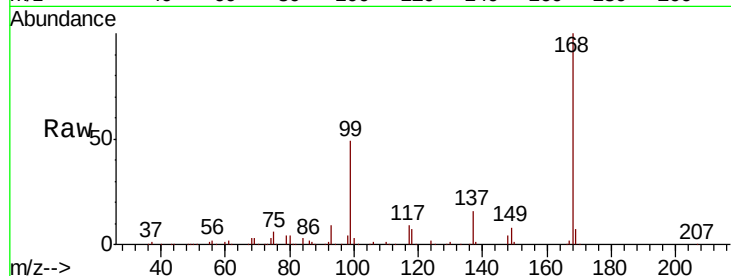
ClientSampled :

Tot Ion:168 Resp: 245627

Ion Ratio Lower Upper

168 100

99 48.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002432.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002432.D (-947) (-)

7.81

120000

100000

80000

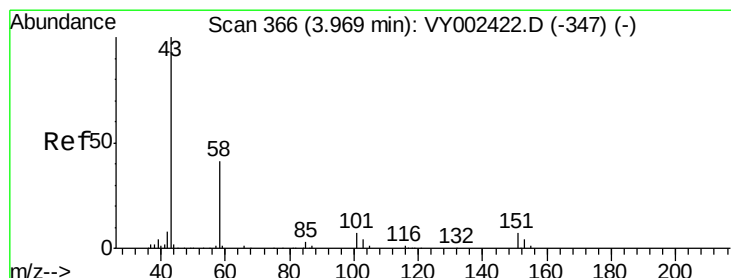
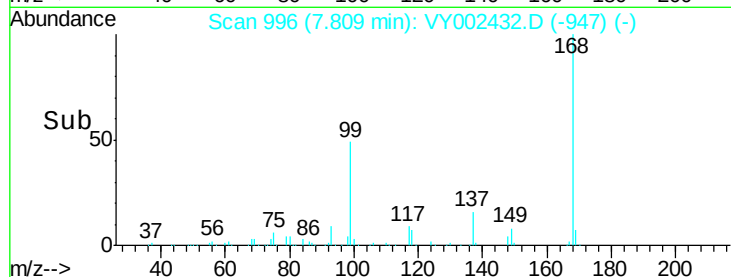
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 64.386 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002432.D

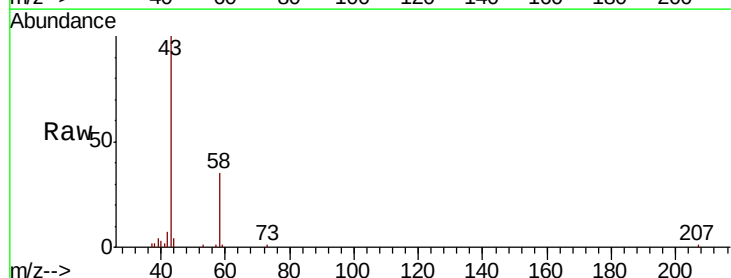
Acq: 21 Apr 2020 14:56

Tgt Ion: 43 Resp: 30738

Ion Ratio Lower Upper

43 100

58 34.8 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002432.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002432.D (-317) (-)

3.97

12000

10000

8000

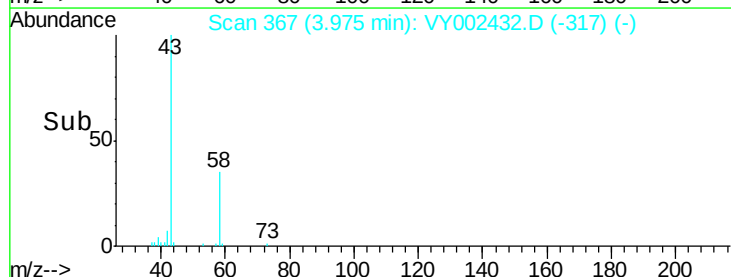
6000

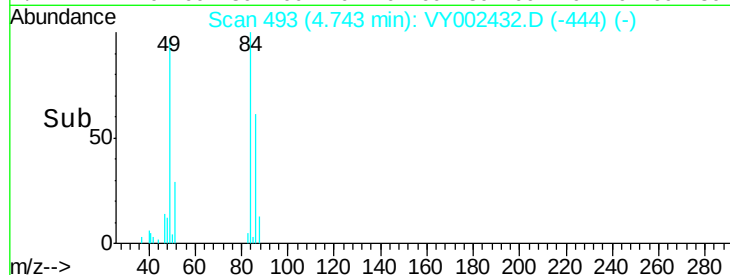
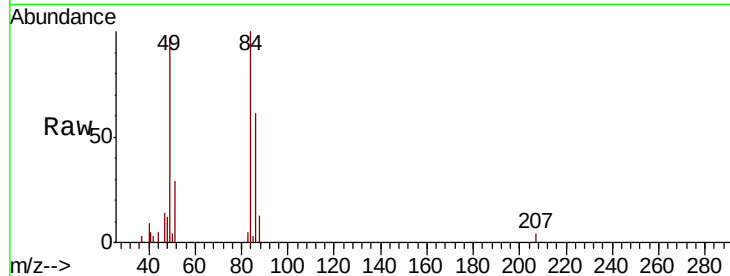
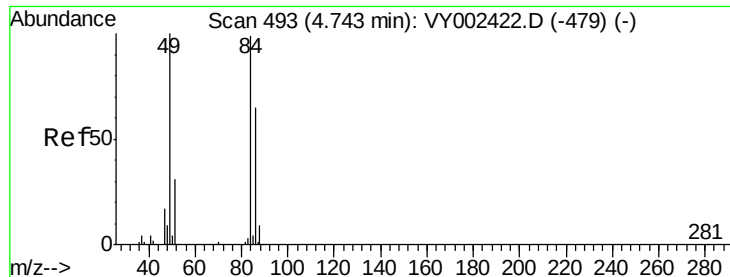
4000

2000

0

Time-->

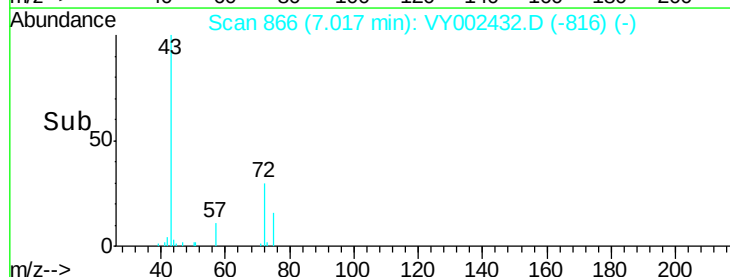
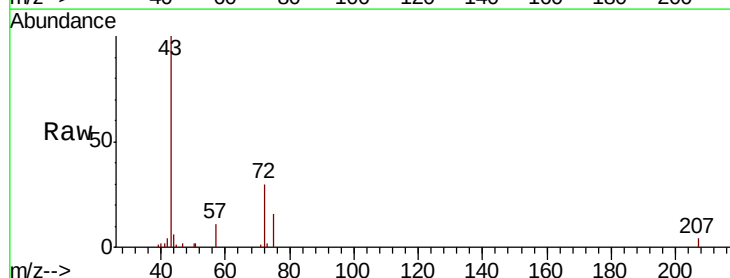
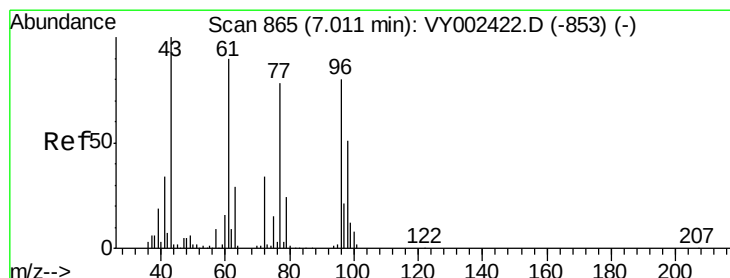
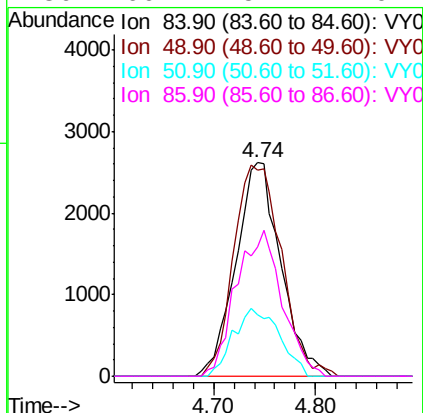




#20
Methylene Chloride
Concen: 3.010 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.00 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

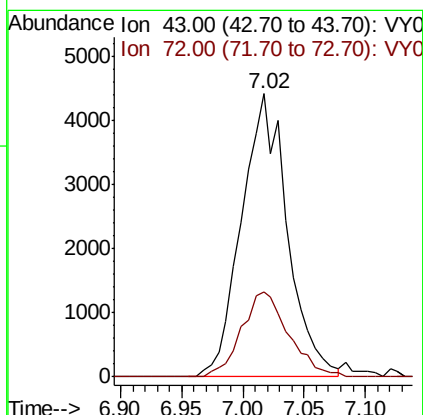
Instrument :
MSVOA_Y
ClientSampleId :

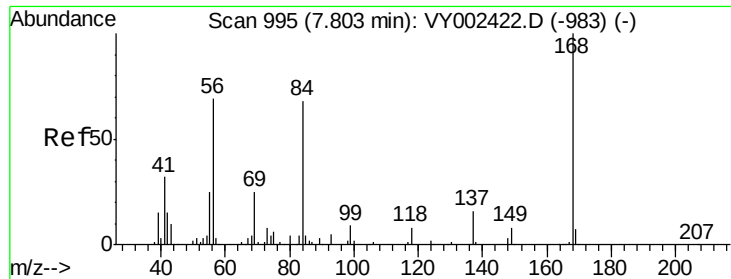
Tot Ion:	84	Resp:	8040
Ion	Ratio	Lower	Upper
84	100		
49	96.6	81.0	121.6
51	28.8	24.9	37.3
86	60.7	52.7	79.1



#25
2-Butanone
Concen: 16.905 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt Ion:	43	Resp:	11504
Ion	Ratio	Lower	Upper
43	100		
72	30.1	27.0	40.6

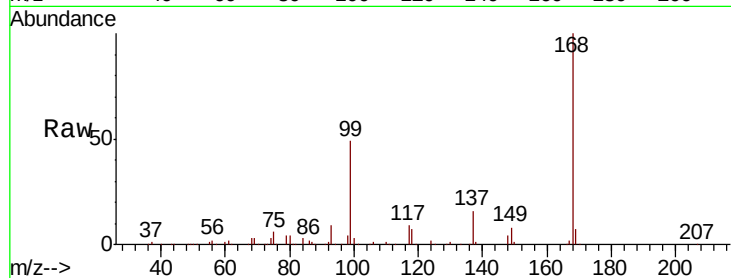




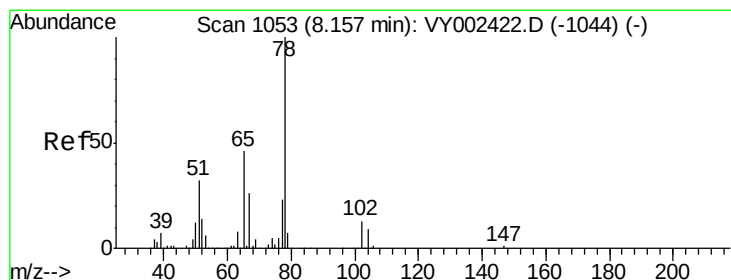
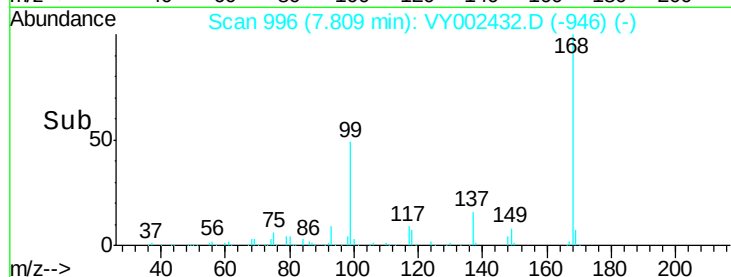
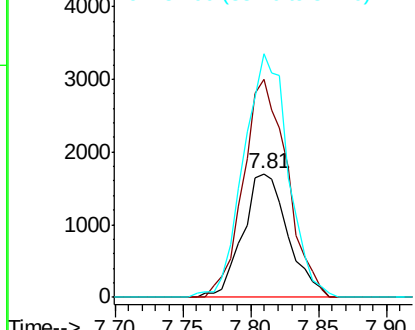
#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3936
Ion Ratio Lower Upper
56 100
69 177.1 29.1 43.7#
84 197.2 79.4 119.2#

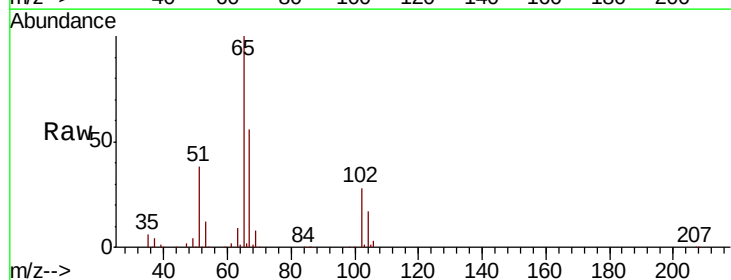


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

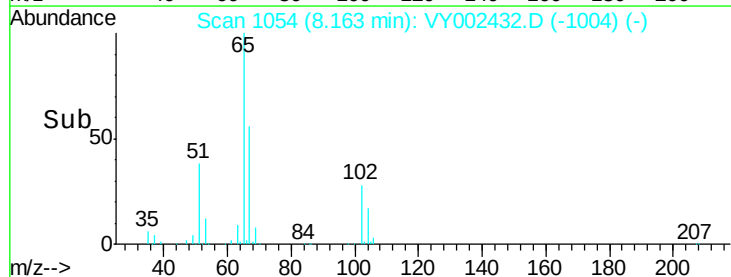
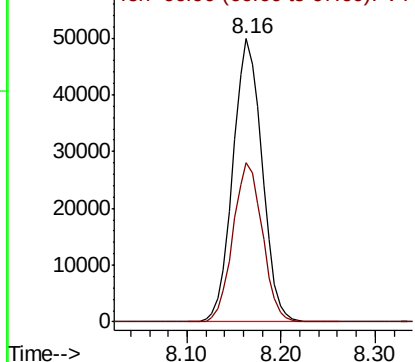


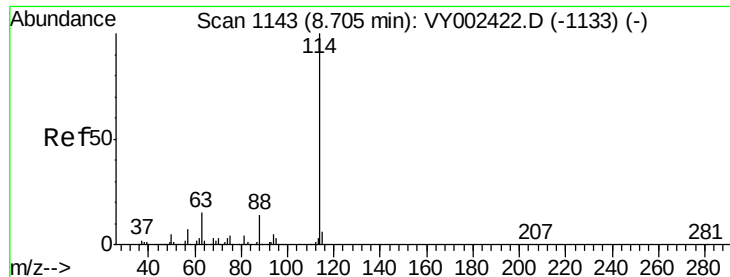
#33
1,2-Dichloroethane-d4
Concen: 60.230 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt Ion: 65 Resp: 107599
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

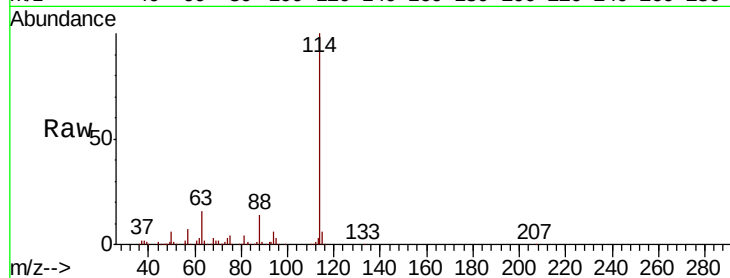




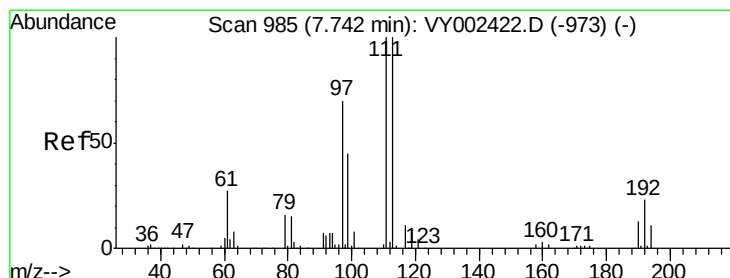
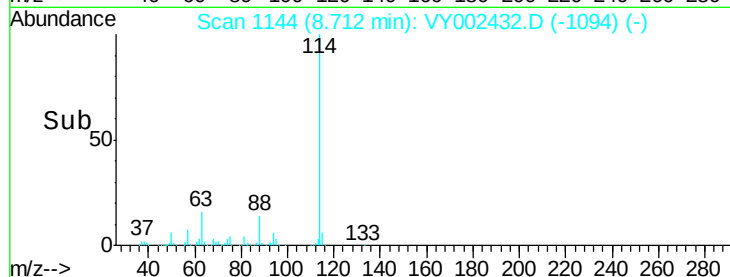
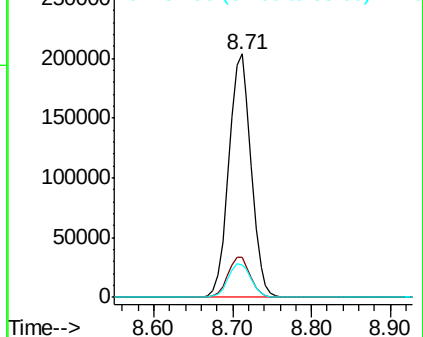
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 399434
Ion Ratio Lower Upper
114 100
63 16.4 0.0 31.0
88 13.5 0.0 28.2

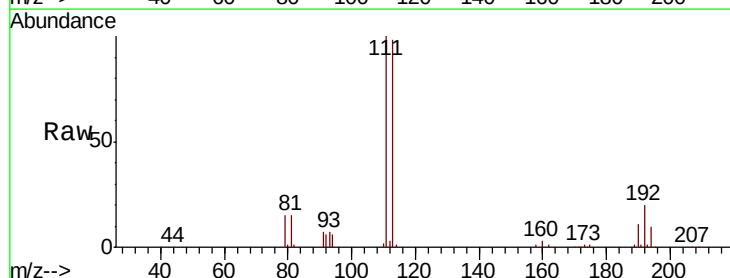


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

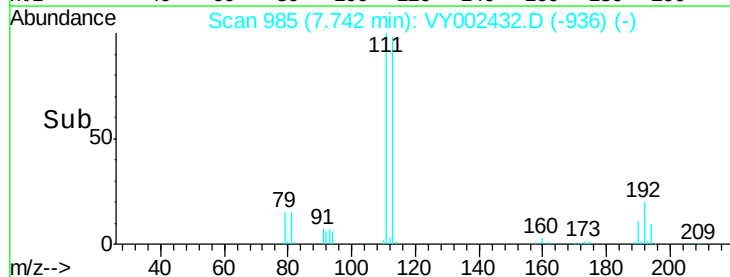
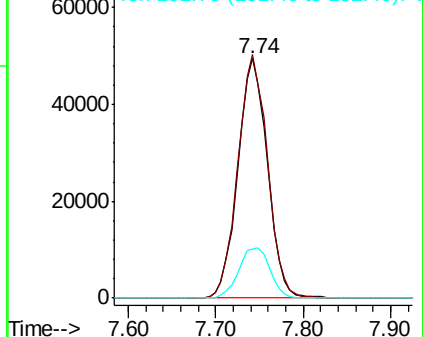


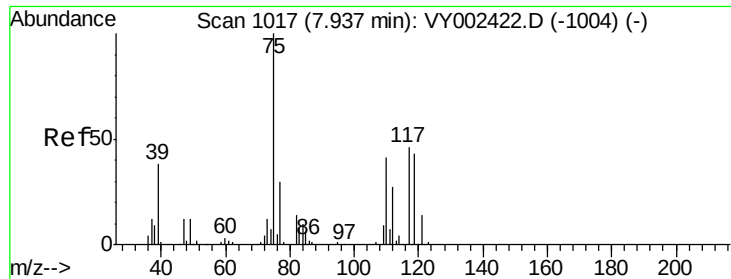
#35
Dibromofluoromethane
Concen: 55.243 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.00 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt Ion:113 Resp: 116062
Ion Ratio Lower Upper
113 100
111 102.0 81.7 122.5
192 22.3 17.8 26.6



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

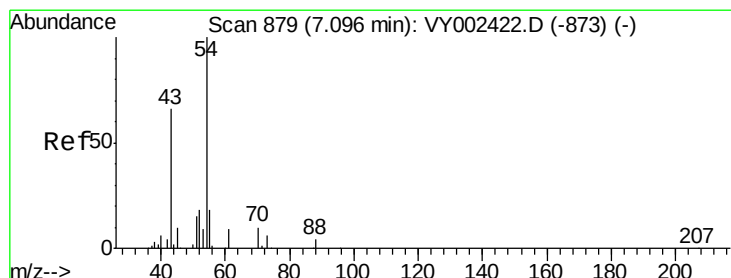
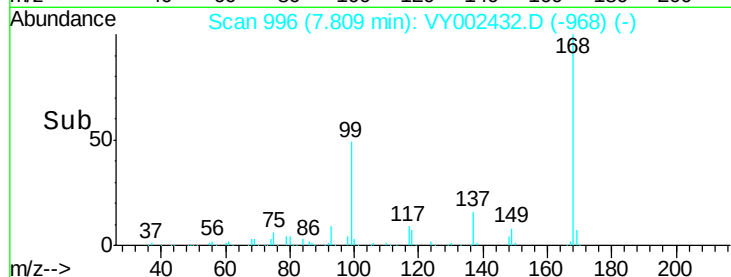
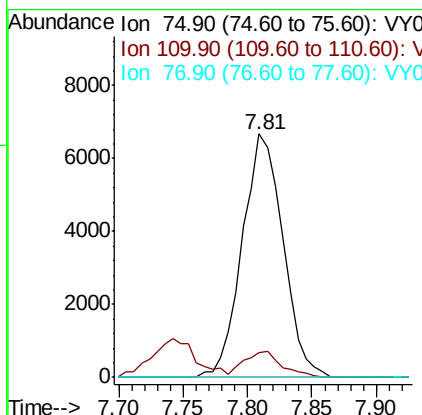
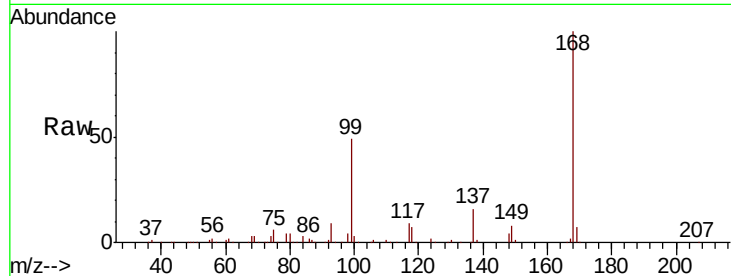




#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

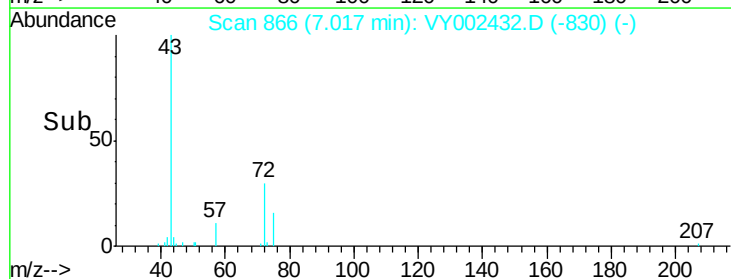
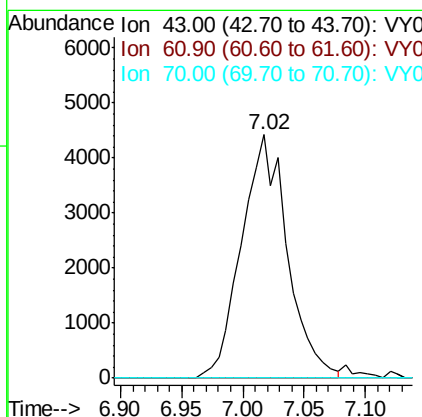
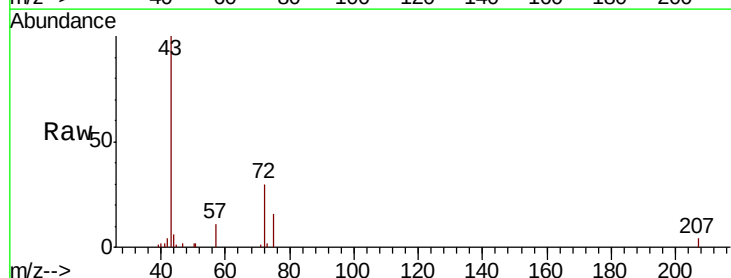
Instrument :
 MSVOA_Y
 ClientSampled :

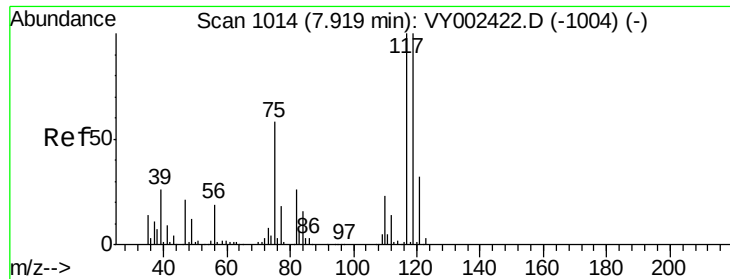
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.4	61.2#
77	0.0	25.5	38.3#



#37
 Ethyl Acetate
 Concen: 7.654 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.08 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.5	20.3#
70	0.0	10.6	16.0#





#38

Carbon Tetrachloride

Concen: 6.750 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

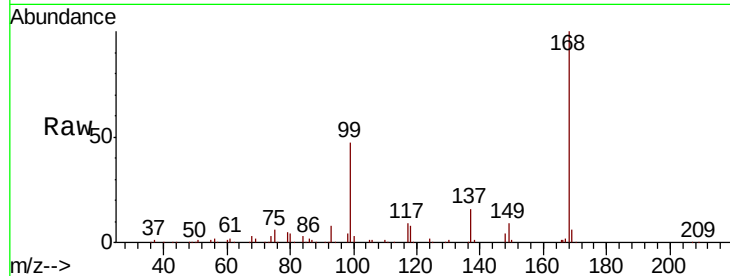
Tot Ion:117 Resp: 21852

Ion Ratio Lower Upper

117 100

119 4.6 79.6 119.4#

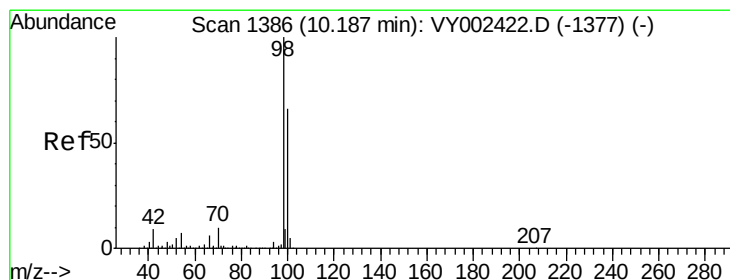
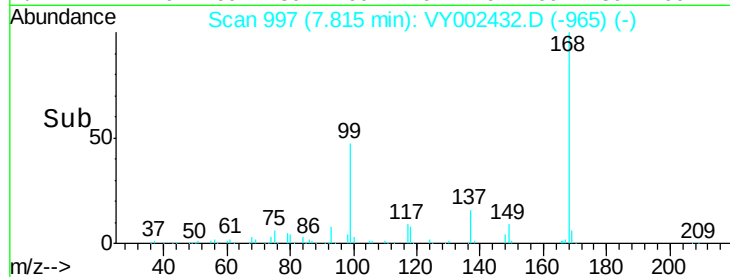
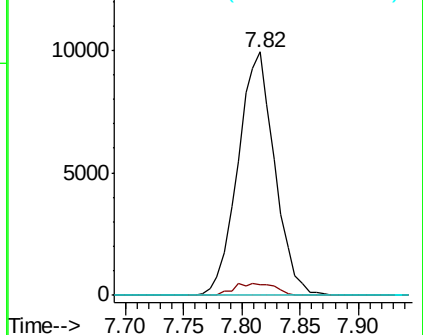
121 0.0 25.4 38.2#



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: 53.970 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002432.D

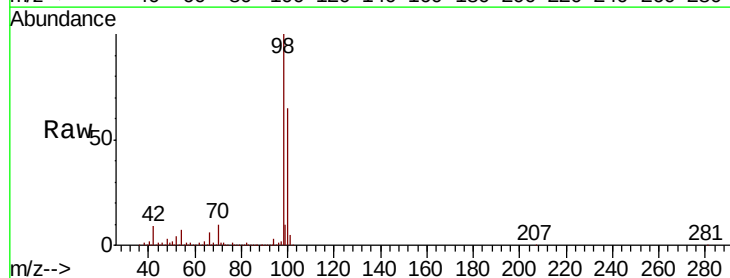
Acq: 21 Apr 2020 14:56

Tgt Ion: 98 Resp: 458608

Ion Ratio Lower Upper

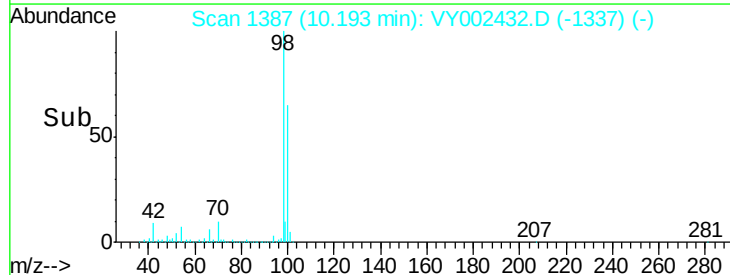
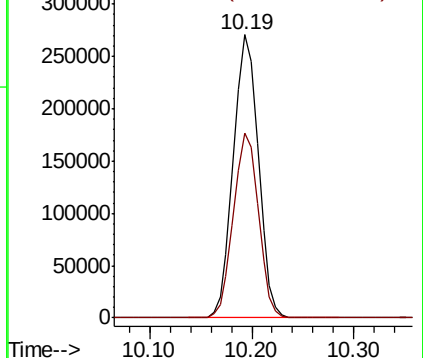
98 100

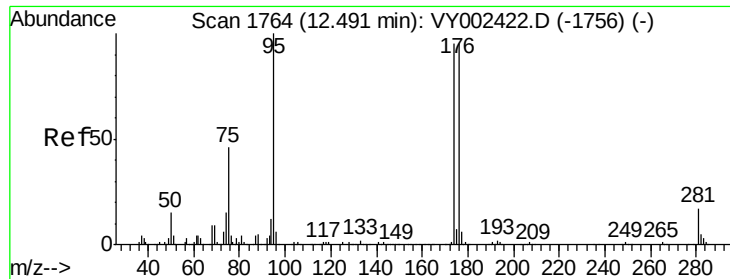
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

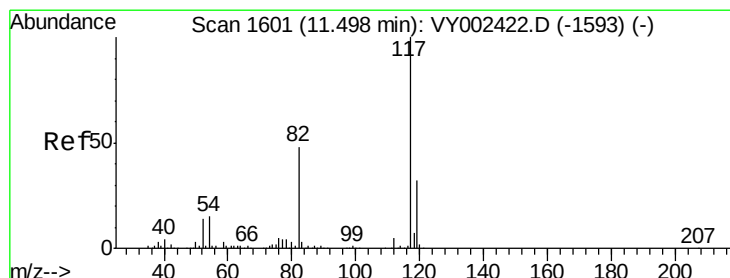
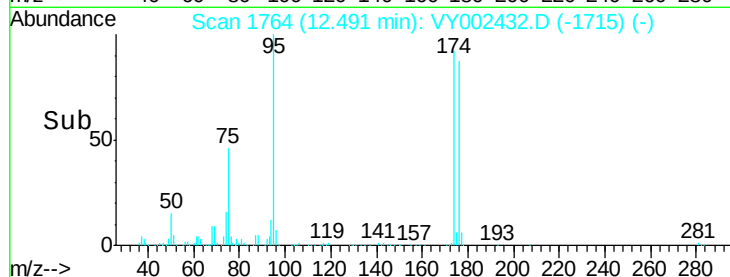
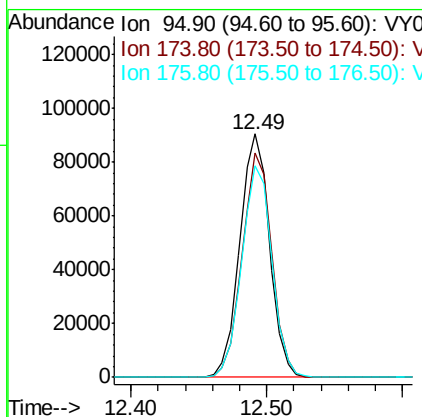
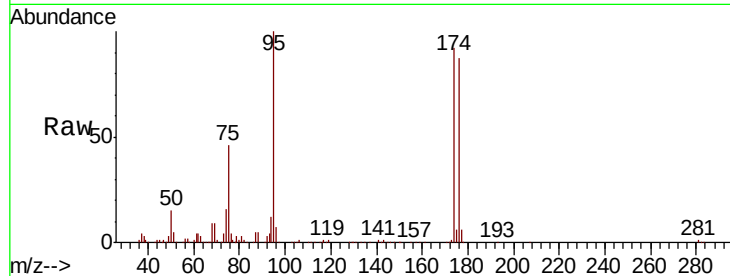




#62
4-Bromofluorobenzene
Concen: 49.097 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

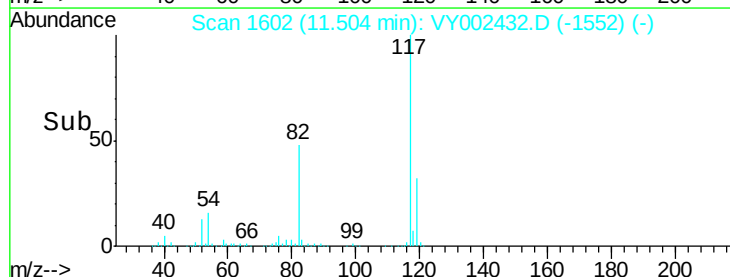
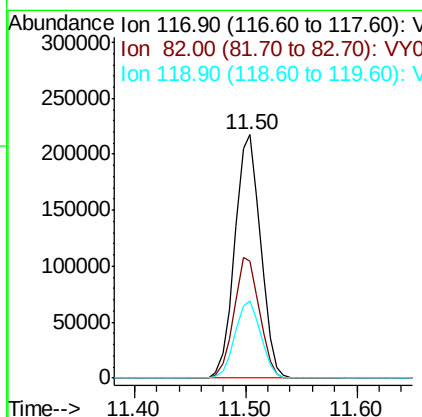
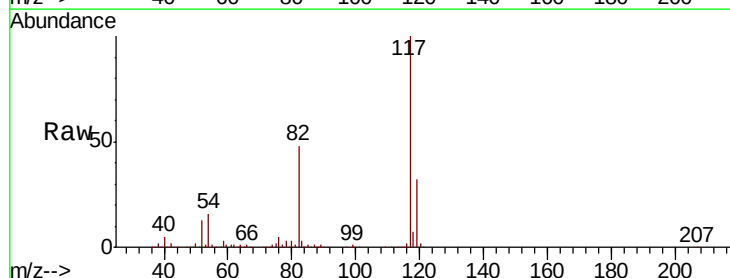
Instrument :
MSVOA_Y
ClientSampleId :

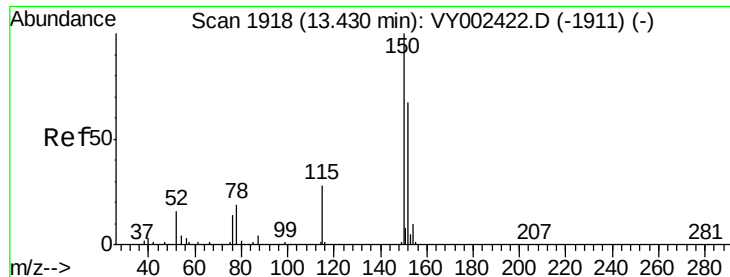
Tot Ion	95	Resp	137743
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	185.8
176	88.4	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt Ion	117	Resp	347448
Ion Ratio	Lower	Upper	
117	100		
82	48.1	38.4	57.6
119	31.9	25.3	37.9



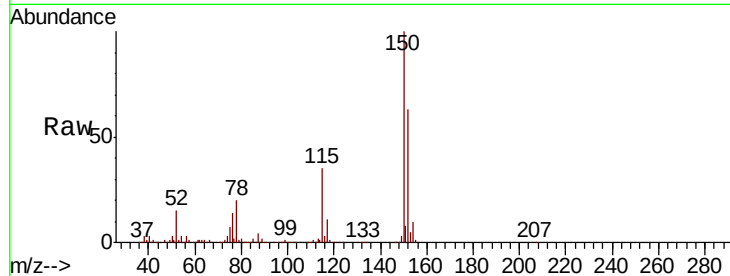


#72

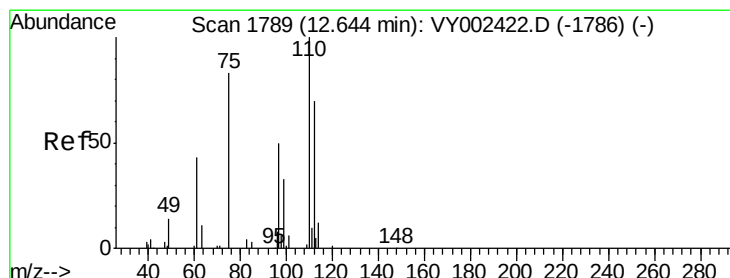
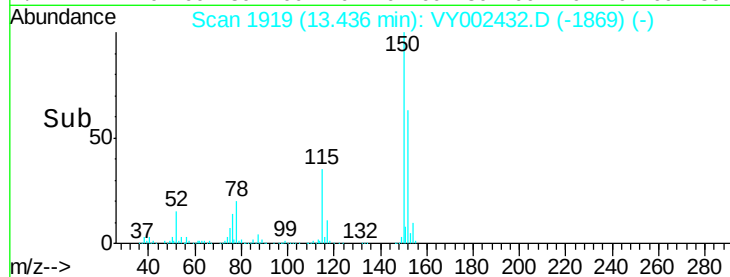
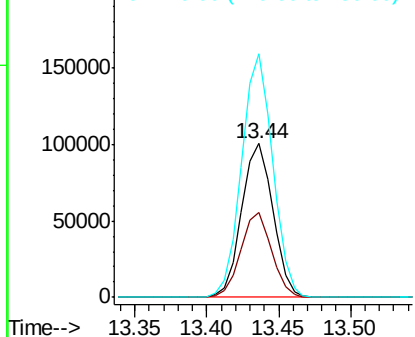
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.3	81.8
150	156.4	0.0	344.0



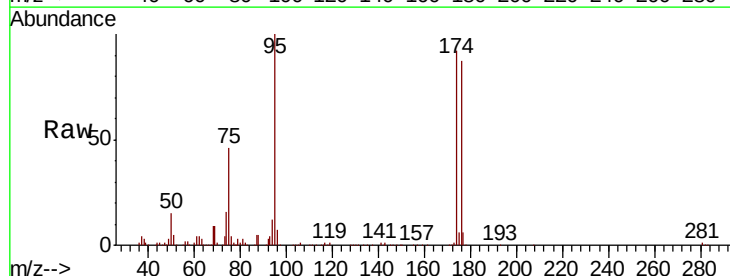
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



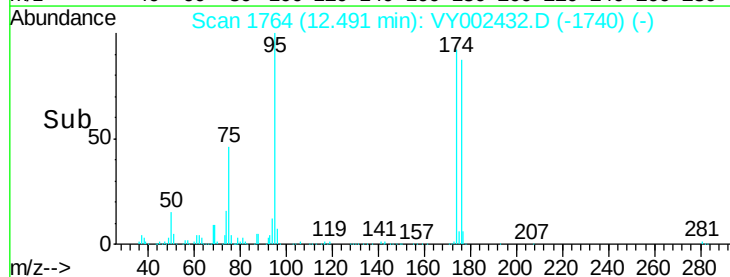
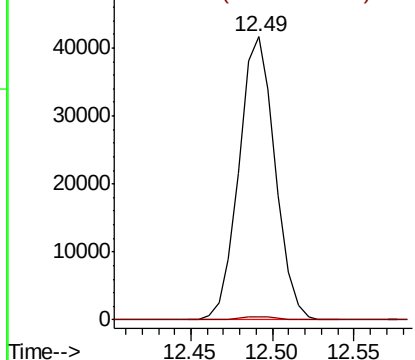
#76

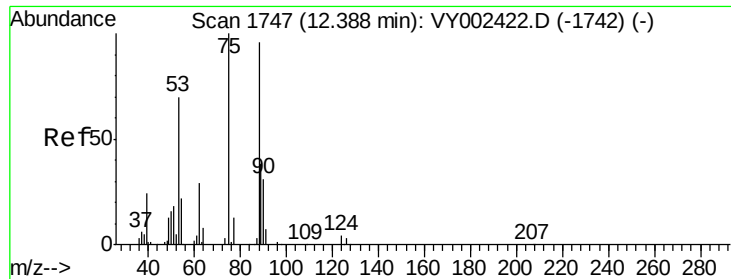
1,2,3-Trichloropropane
Concen: 47.737 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt 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: 93.036 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 63987

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#

