

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002370.D
 Acq On : 16 Apr 2020 16:24
 Operator : SY/MD
 Sample : L2255-01RE
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	152227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	307357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	288268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127660	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	86258	50.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.90%	
35) Dibromofluoromethane	7.74	113	88030	48.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.26%	
50) Toluene-d8	10.19	98	373400	48.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.49	95	131283	51.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.96%	

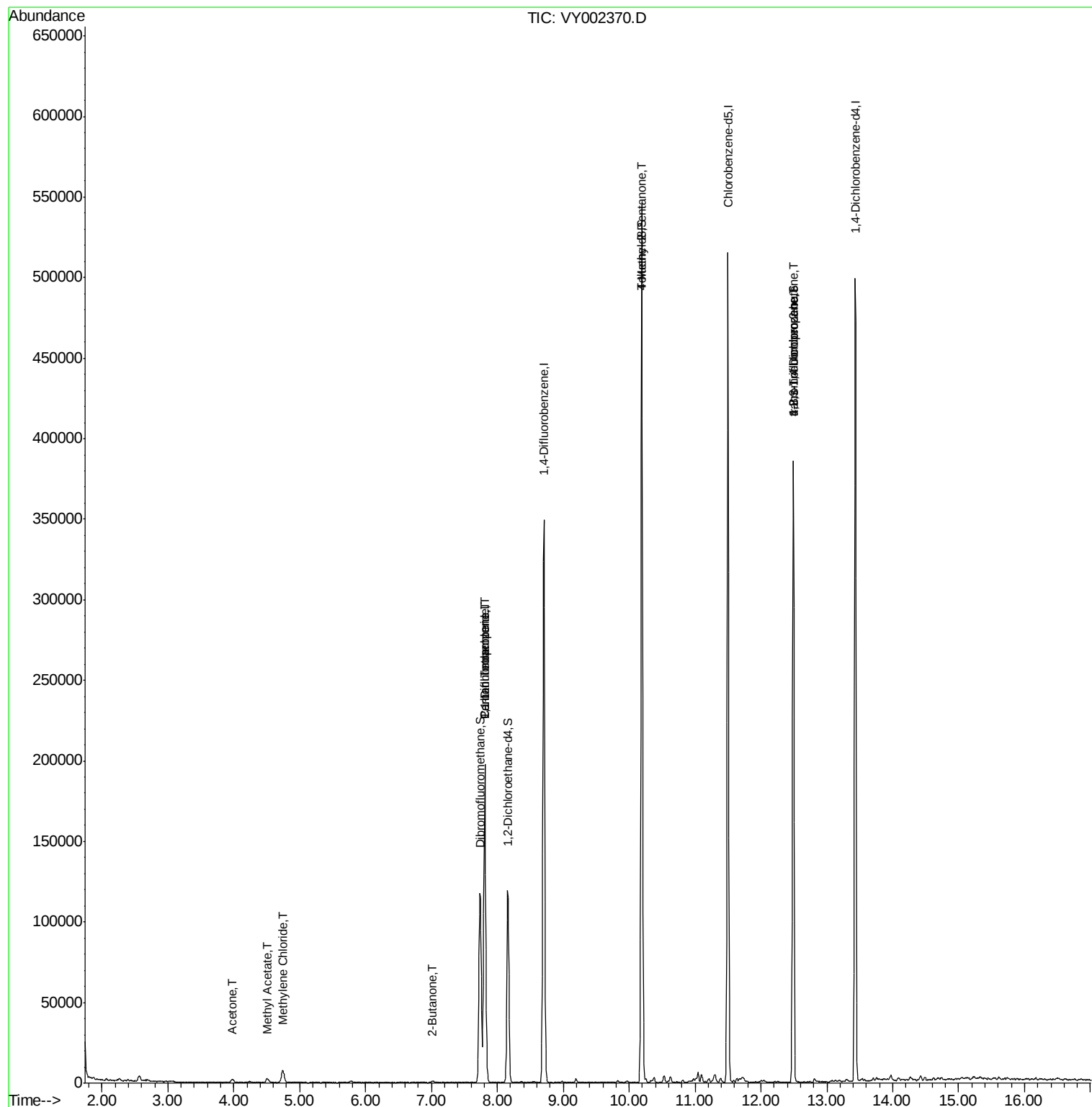
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	20	Below Cal	#	77
16) Acetone	3.97	43	3729	8.363	ug/l #	88
18) Methyl Acetate	4.51	43	5090	3.680	ug/l	96
20) Methylene Chloride	4.74	84	6308	2.878	ug/l	90
25) 2-Butanone	7.02	43	954	1.352	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	11889	3.927	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15041	5.808	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1668	1.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	62009	41.830	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62009	81.358	ug/l #	19

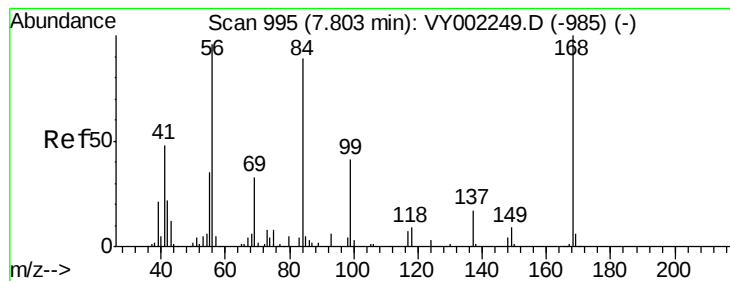
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
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Misc : 6.16G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 17 07:06:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002370.D

Acq: 16 Apr 2020 16:24

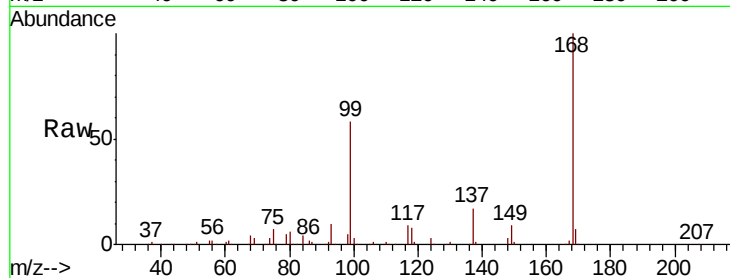
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 152227

Ion Ratio Lower Upper

168 100

99 58.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

80000

60000

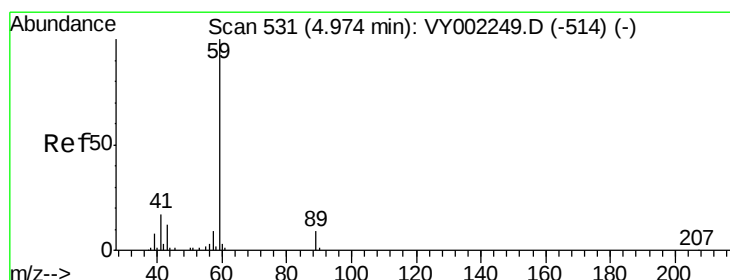
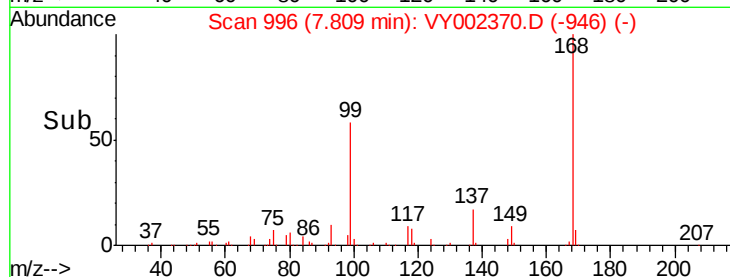
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 525

Delta R.T. -0.04 min

Lab File: VY002370.D

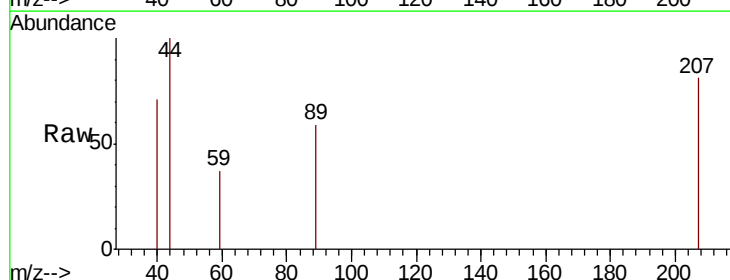
Acq: 16 Apr 2020 16:24

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.94

80

60

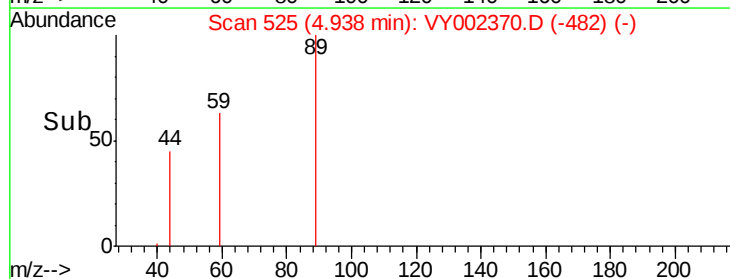
40

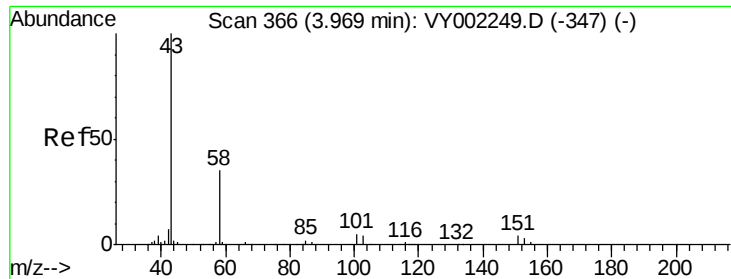
20

0

Time-->

4.92 4.93 4.94 4.95

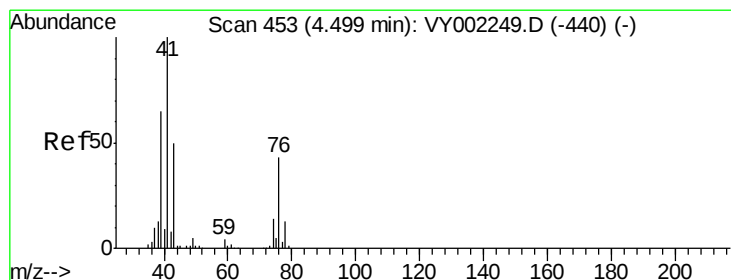
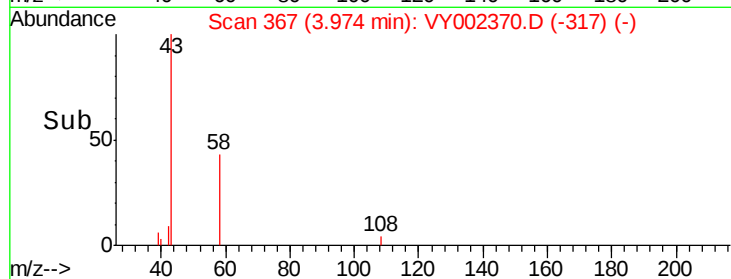
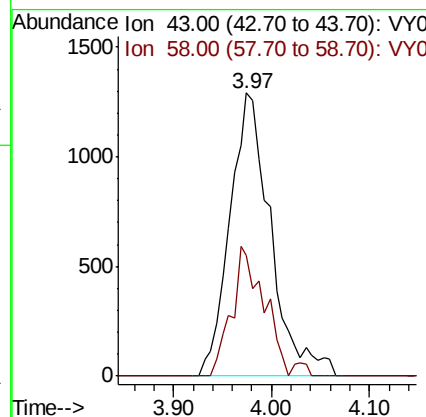
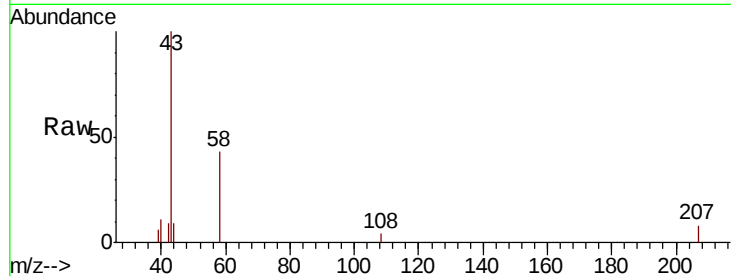




#16
Acetone
Concen: 8.363 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

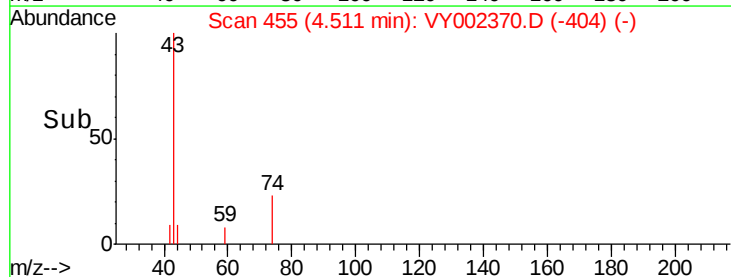
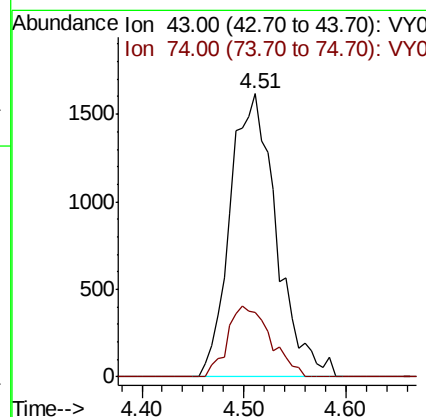
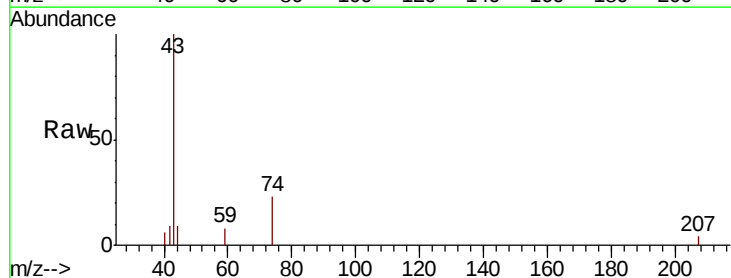
Instrument :
MSVOA_Y
ClientSampleId :

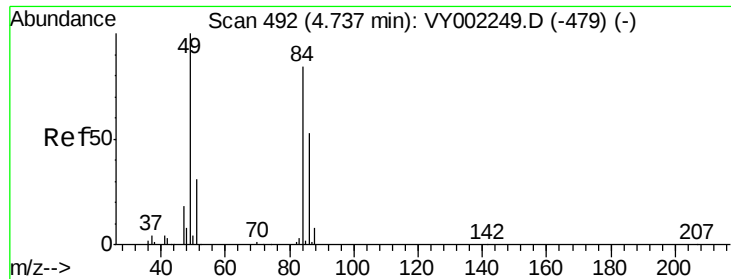
Tot Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
58 42.8 28.5 42.7#



#18
Methyl Acetate
Concen: 3.680 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Tgt Ion: 43 Resp: 5090
Ion Ratio Lower Upper
43 100
74 23.3 20.3 30.5

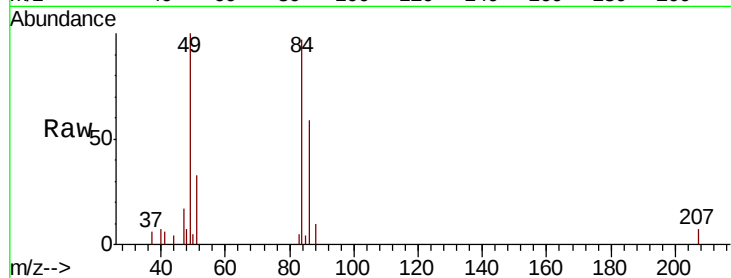




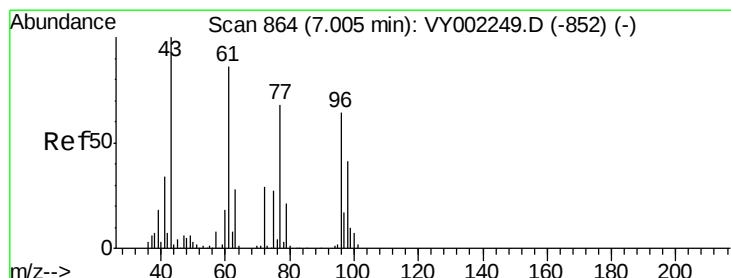
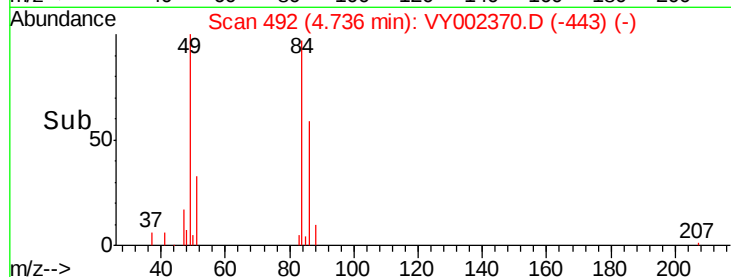
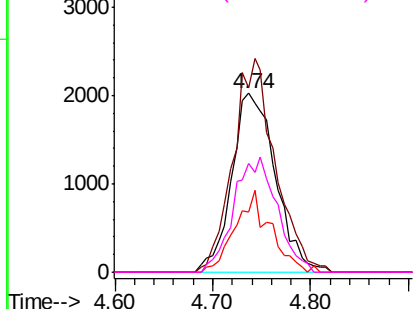
#20
Methylene Chloride
Concen: 2.878 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 6308
Ion Ratio Lower Upper
84 100
49 103.0 95.5 143.3
51 34.0 29.5 44.3
86 61.0 50.7 76.1

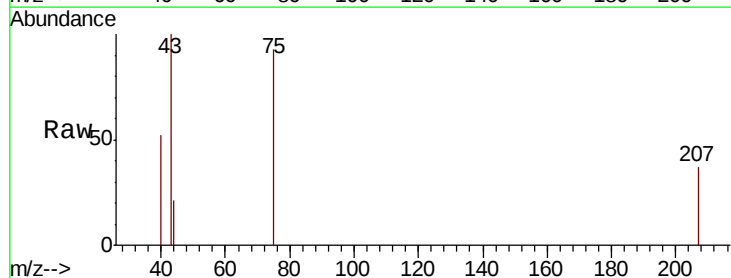


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

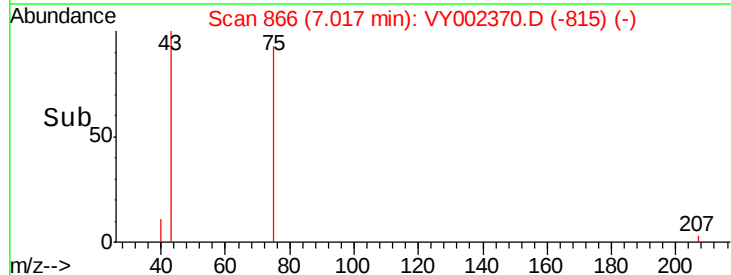
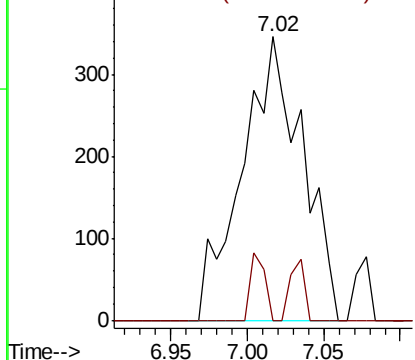


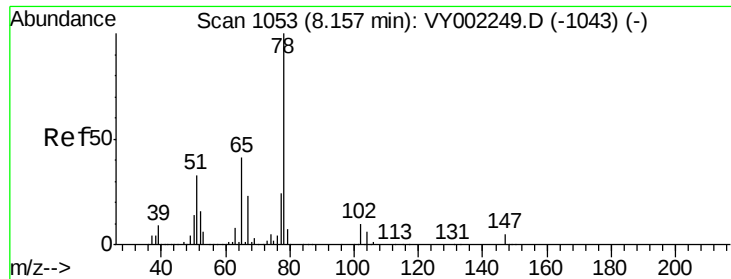
#25
2-Butanone
Concen: 1.352 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

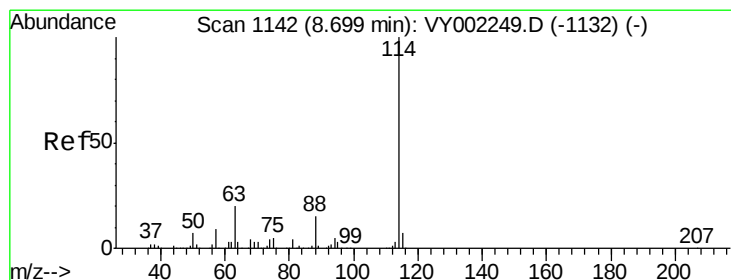
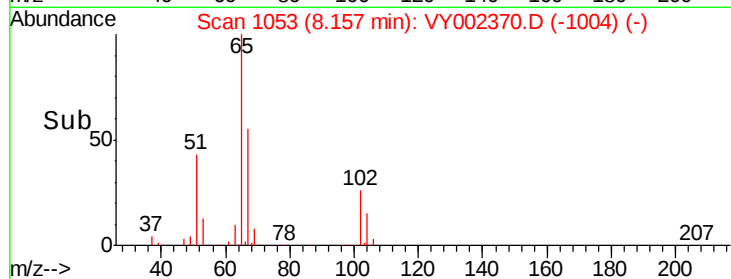
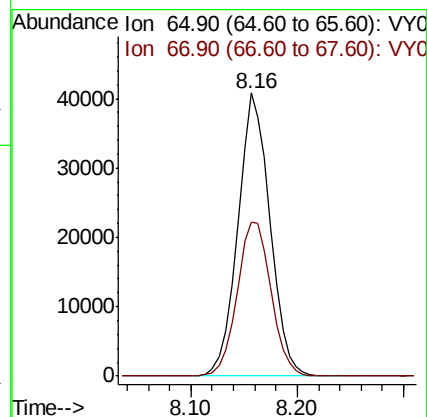
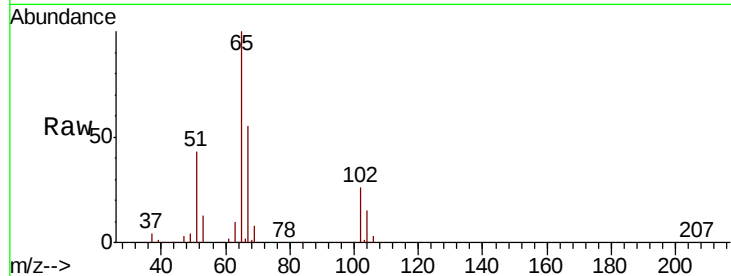




#33
 1,2-Dichloroethane-d4
 Concen: 50.954 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

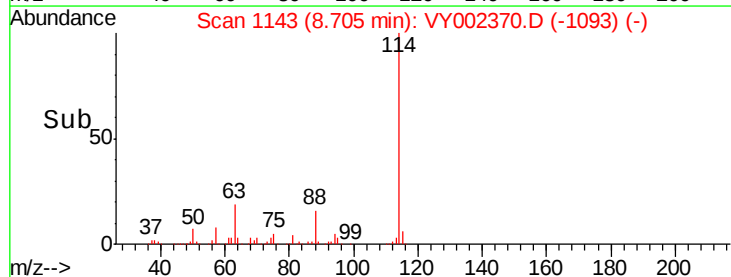
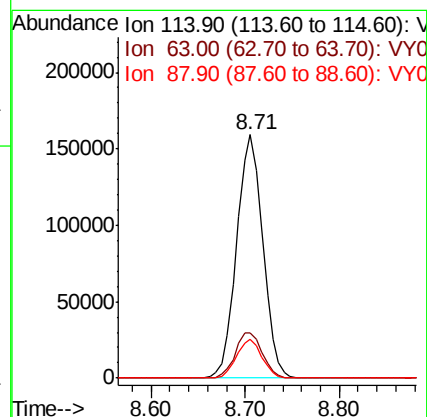
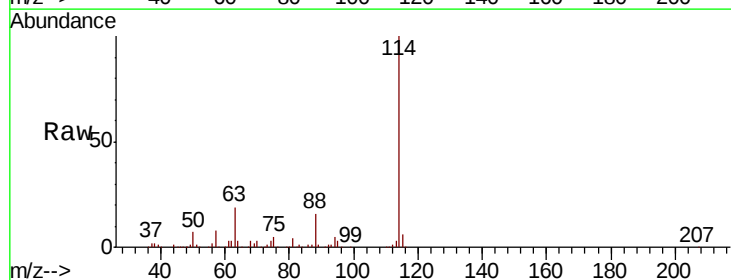
Instrument :
 MSVOA_Y
 ClientSampleId :

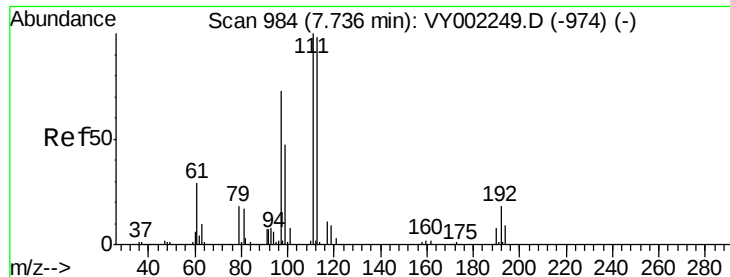
Tot Ion: 65 Resp: 86258
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

Tgt Ion: 114 Resp: 307357
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.7 0.0 31.0

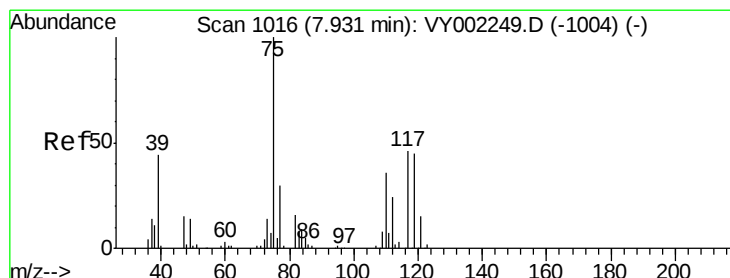
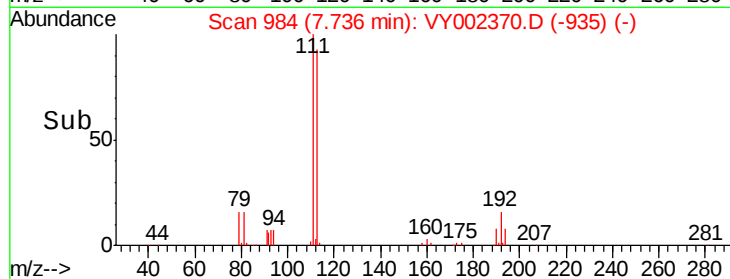
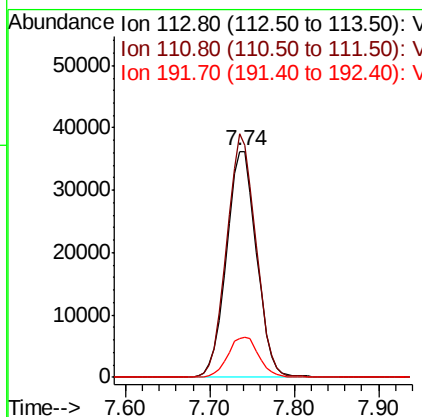
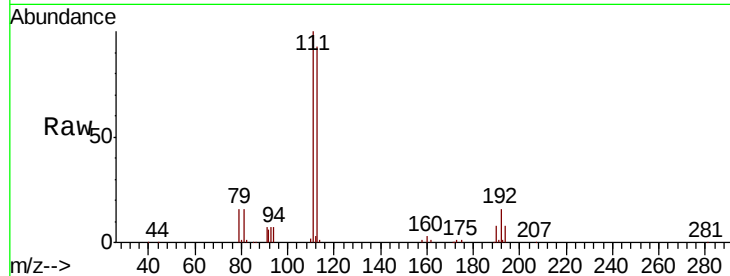




#35
 Dibromofluoromethane
 Concen: 48.133 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

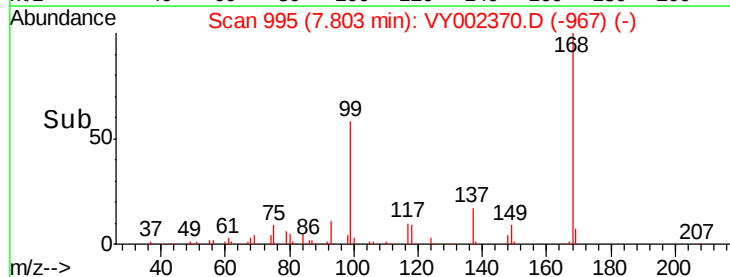
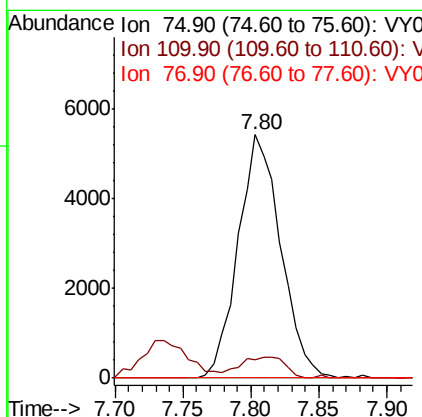
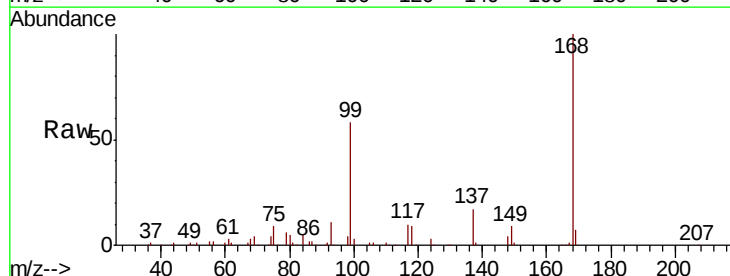
Instrument :
 MSVOA_Y
 ClientSampled :

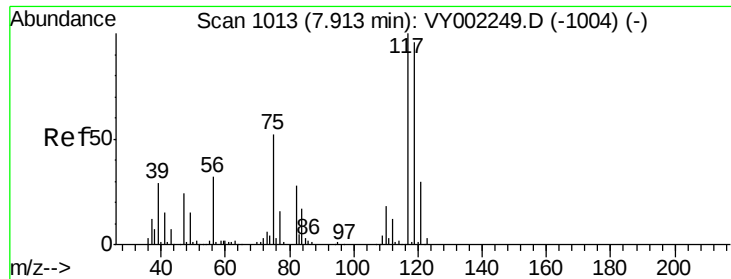
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.5	125.3
192	18.1	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 3.927 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.8	53.3#
77	0.0	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 5.808 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.10 min

Lab File: VY002370.D

Acq: 16 Apr 2020 16:24

Instrument :

MSVOA_Y

ClientSampleId :

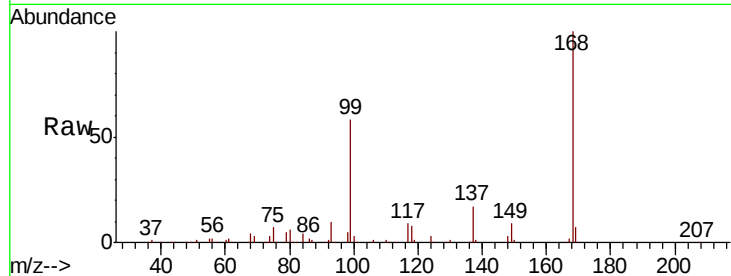
Tot Ion:117 Resp: 15041

Ion Ratio Lower Upper

117 100

119 6.7 77.1 115.7#

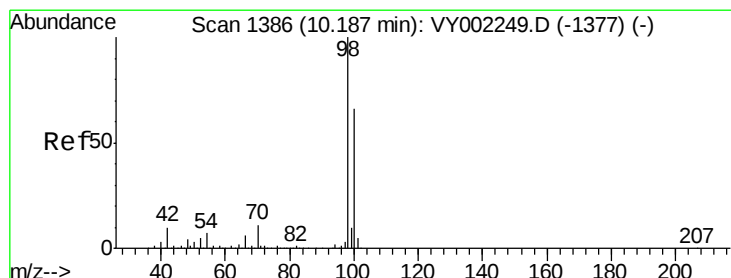
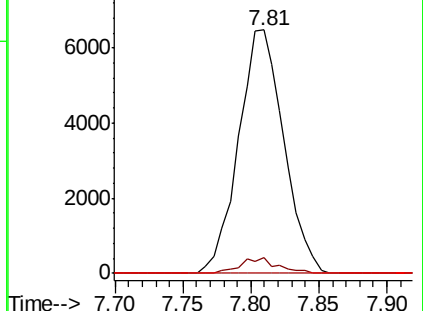
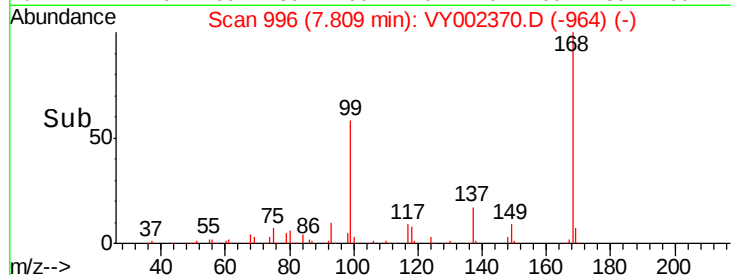
121 0.0 23.9 35.9#



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: 48.779 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002370.D

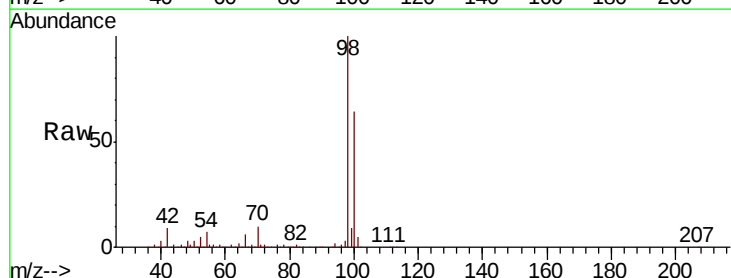
Acq: 16 Apr 2020 16:24

Tgt Ion: 98 Resp: 373400

Ion Ratio Lower Upper

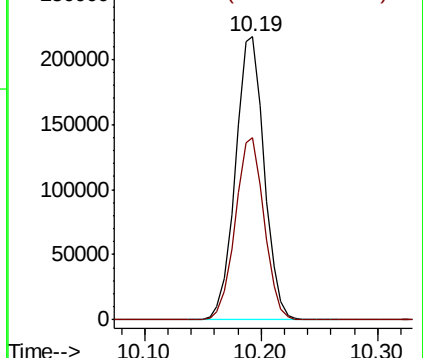
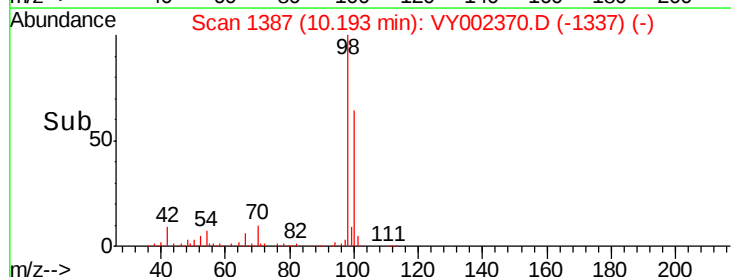
98 100

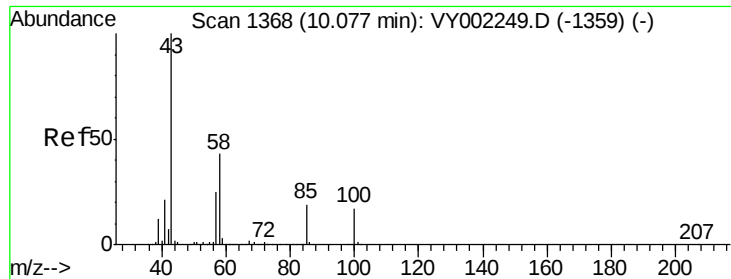
100 64.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

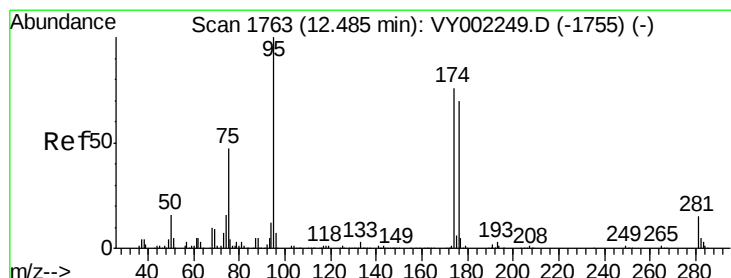
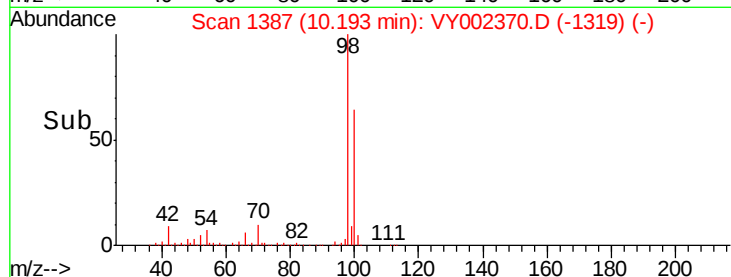
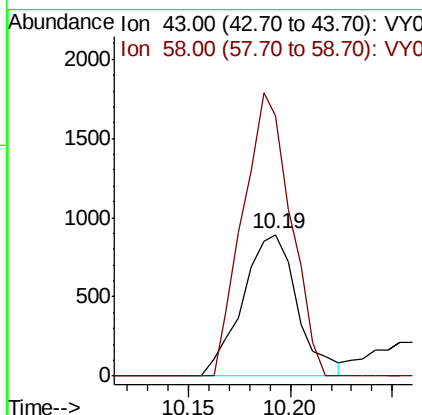
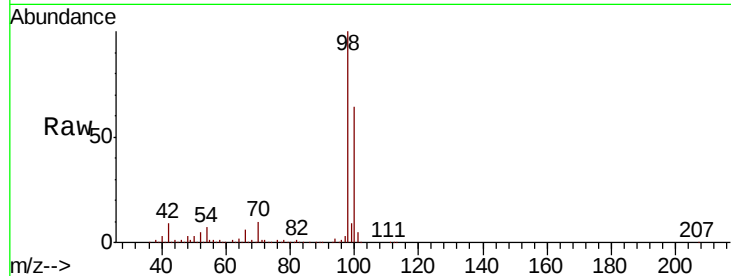




#51
4-Methyl-2-Pentanone
Concen: 1.015 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.12 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

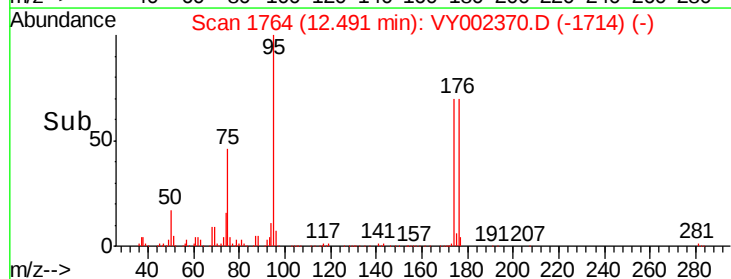
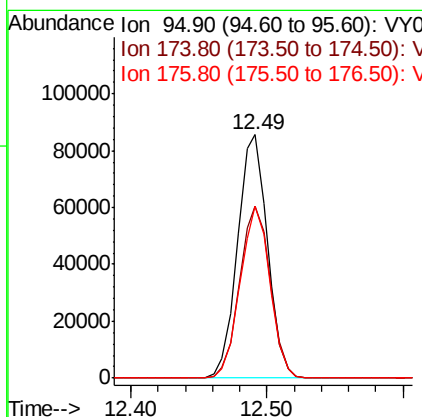
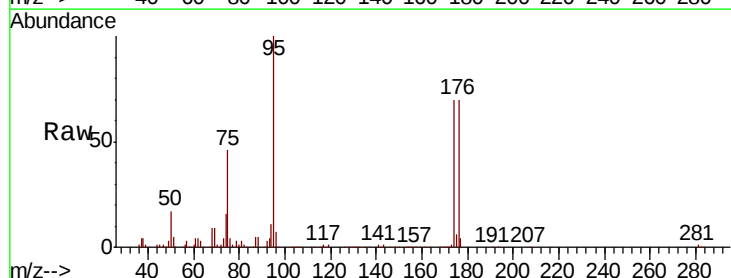
Instrument :
MSVOA_Y
ClientSampleId :

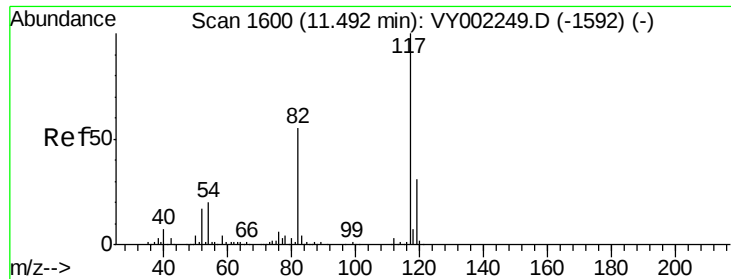
Tot Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 175.6 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Tgt Ion: 95 Resp: 131283
Ion Ratio Lower Upper
95 100
174 72.4 0.0 150.6
176 69.9 0.0 141.4

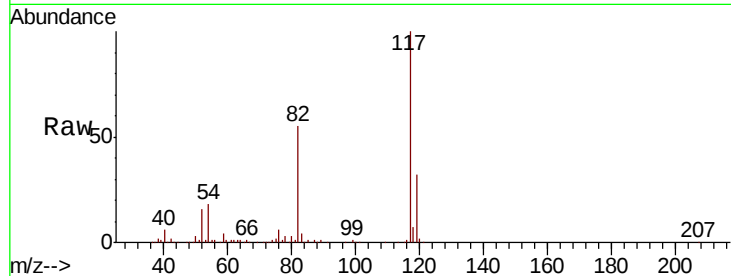




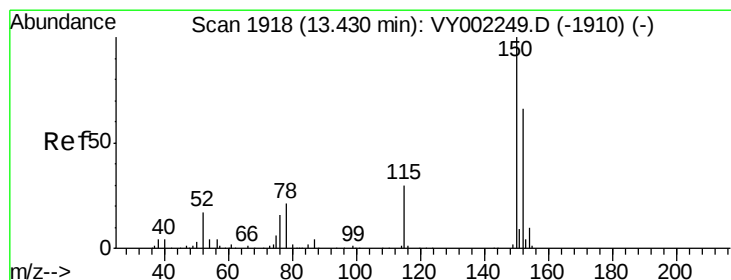
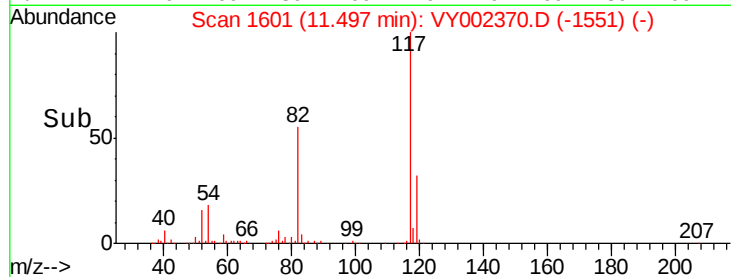
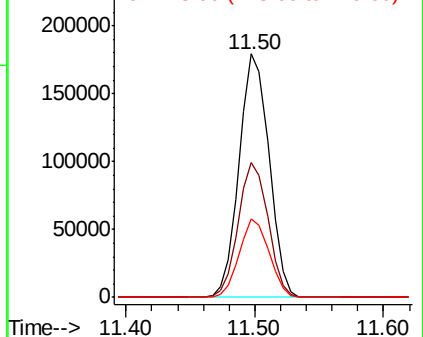
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.4
119	32.1	25.1	37.7

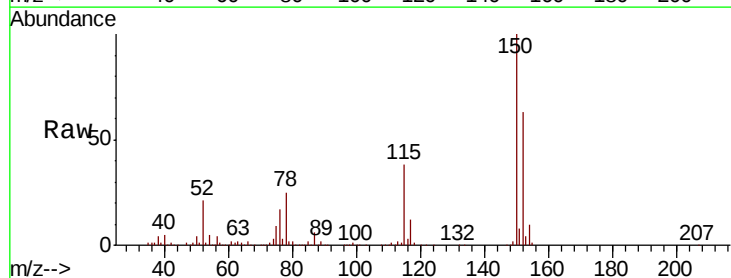


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

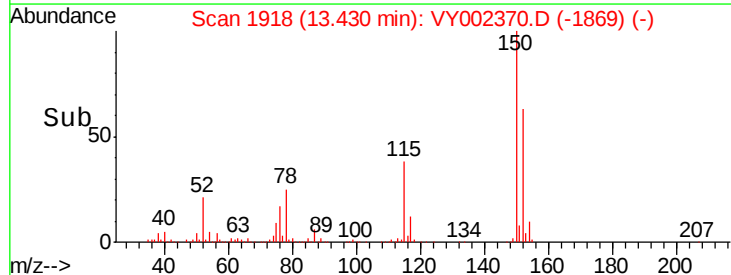
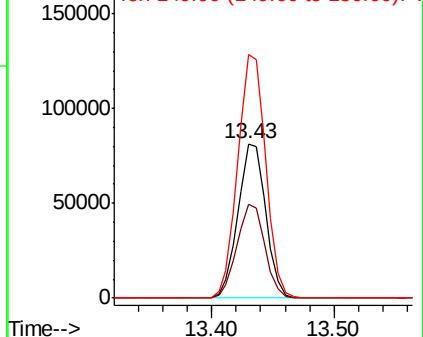


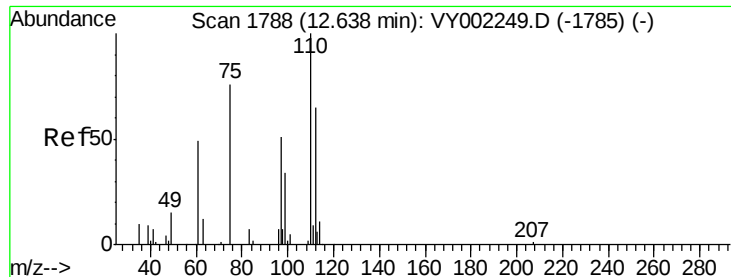
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002370.D
Acq: 16 Apr 2020 16:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.7	92.1
150	158.5	0.0	350.6



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

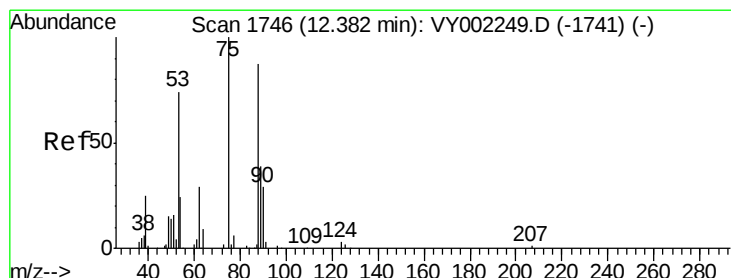
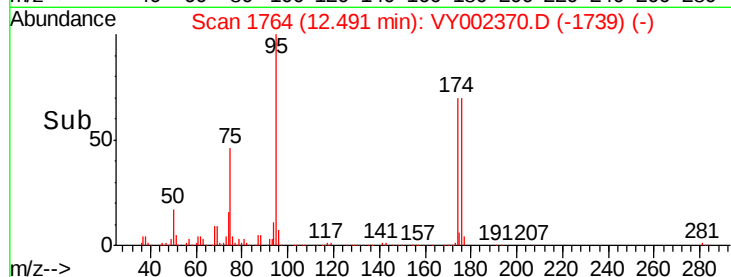
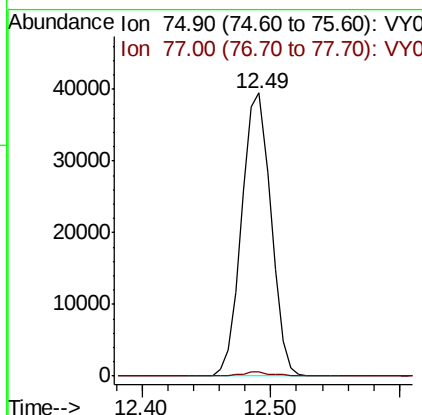
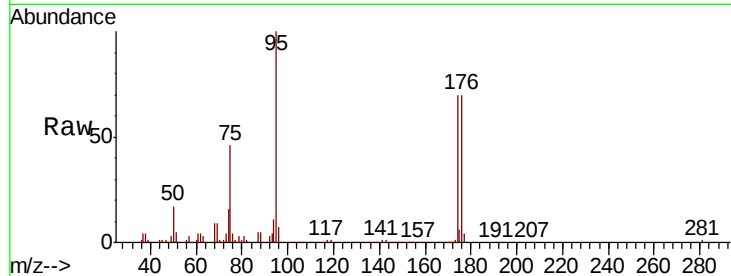




#76
 1,2,3-Trichloropropane
 Concen: 41.830 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 62009
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.358 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.11 min
 Lab File: VY002370.D
 Acq: 16 Apr 2020 16:24

Tgt Ion: 75 Resp: 62009
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.0 37.0 55.6#

