

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002371.D
 Acq On : 16 Apr 2020 16:46
 Operator : SY/MD
 Sample : L2243-08RE
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:31 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	150925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	309556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127967	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	90133	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	
35) Dibromofluoromethane	7.74	113	85101	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
50) Toluene-d8	10.19	98	379349	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.49	95	134789	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	

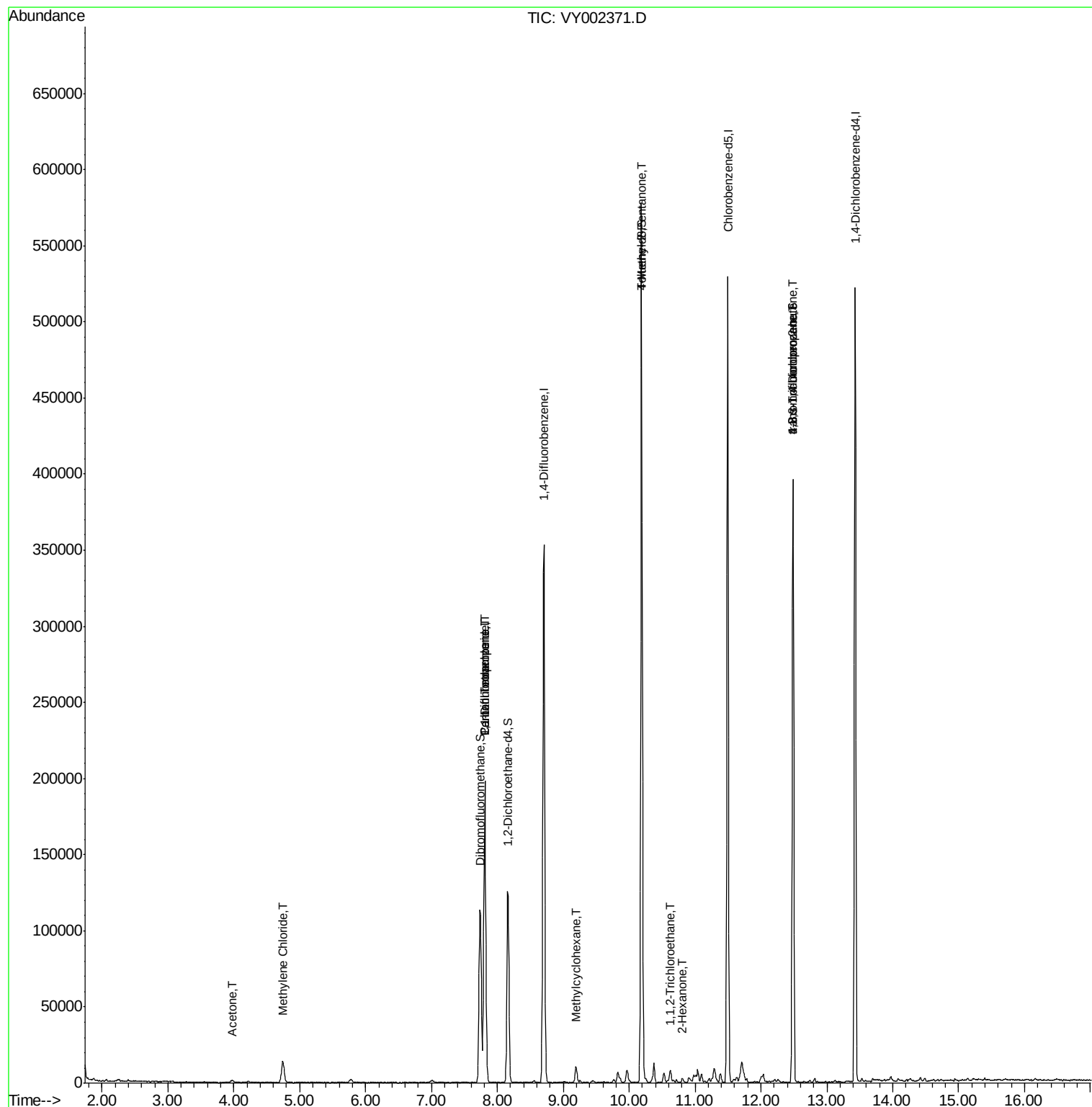
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	3003	6.793	ug/l	98
20) Methylene Chloride	4.74	84	11014	5.069	ug/l	95
36) 1,1-Dichloropropene	7.80	75	12342	4.048	ug/l #	50
38) Carbon Tetrachloride	7.80	117	15042	5.767	ug/l #	16
39) Methylcyclohexane	9.19	83	4305	1.038	ug/l	95
51) 4-Methyl-2-Pentanone	10.18	43	2000	1.208	ug/l #	1
55) 1,1,2-Trichloroethane	10.63	97	3486	1.984	ug/l #	20
59) 2-Hexanone	10.80	43	1199	1.044	ug/l #	21
76) 1,2,3-Trichloropropane	12.49	75	63772	42.916	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63772	83.471	ug/l #	19

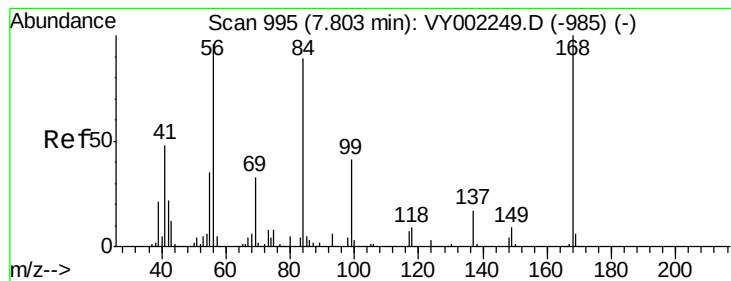
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002371.D

Acq: 16 Apr 2020 16:46

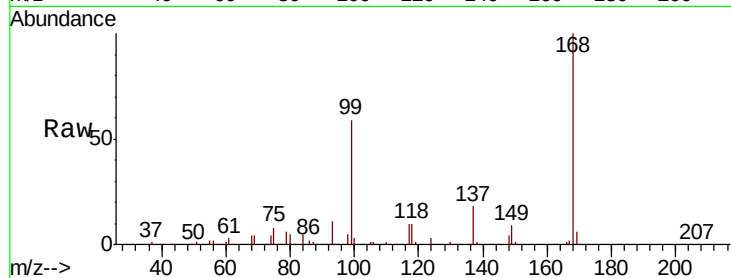
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 150925

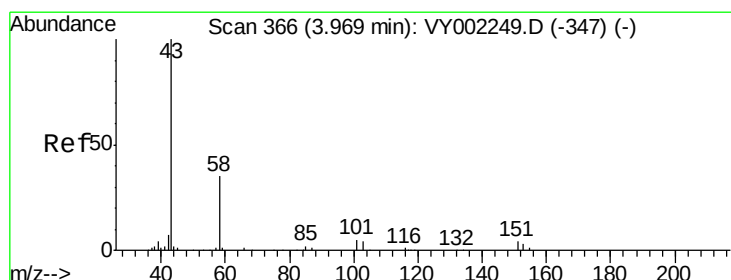
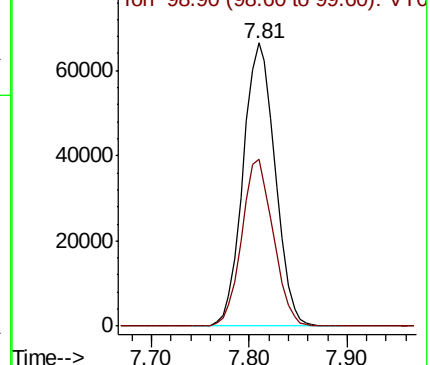
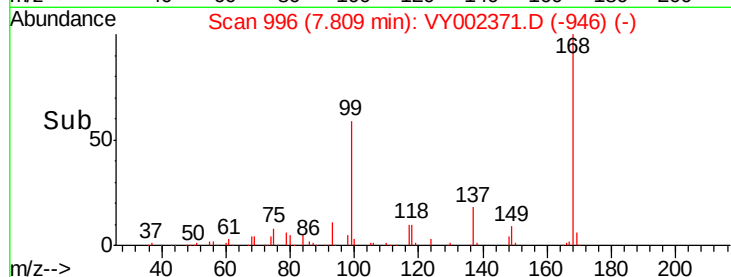
Ion Ratio Lower Upper

168 100

99 59.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002371.D (-946) (-)



#16

Acetone

Concen: 6.793 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002371.D

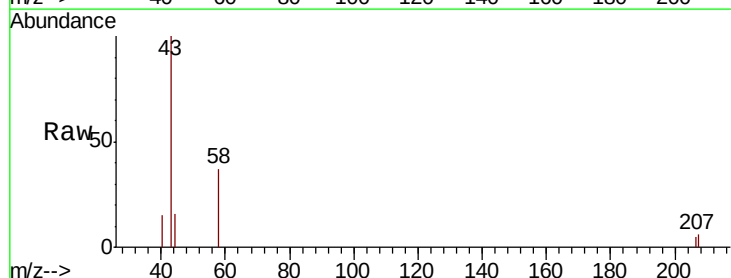
Acq: 16 Apr 2020 16:46

Tgt Ion: 43 Resp: 3003

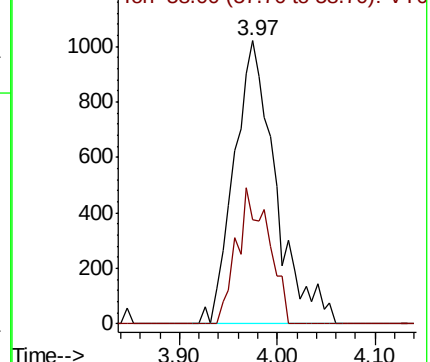
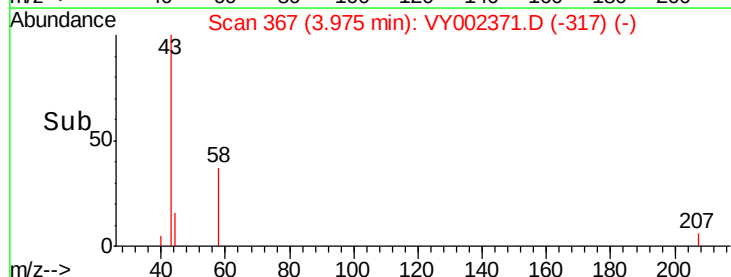
Ion Ratio Lower Upper

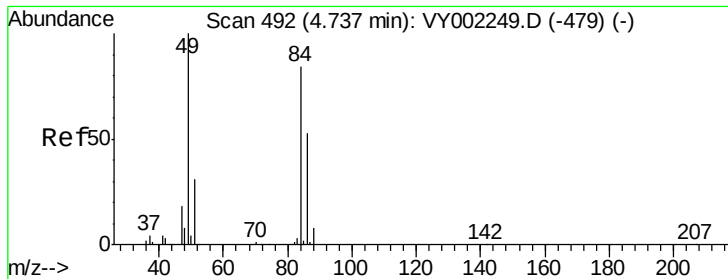
43 100

58 36.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002371.D (-317) (-)

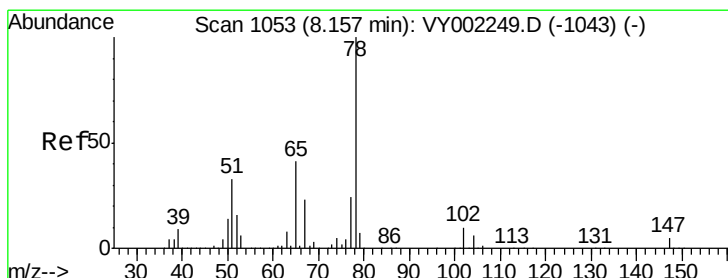
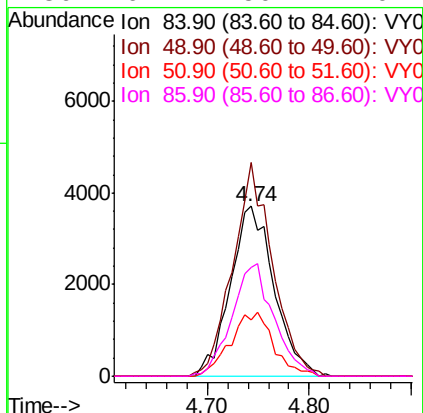
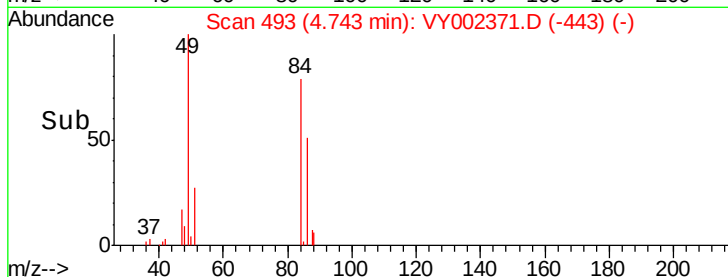
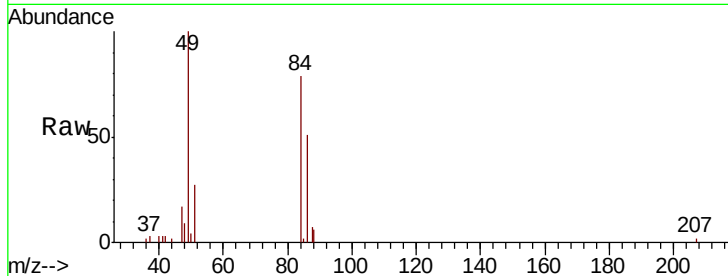




#20
Methylene Chloride
Concen: 5.069 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

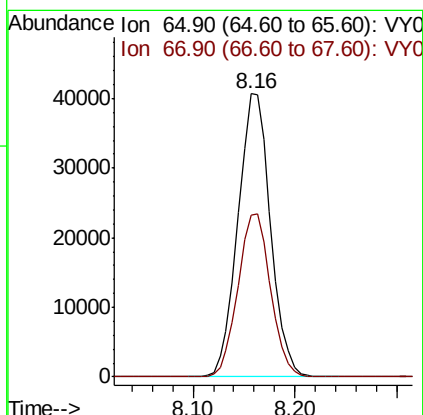
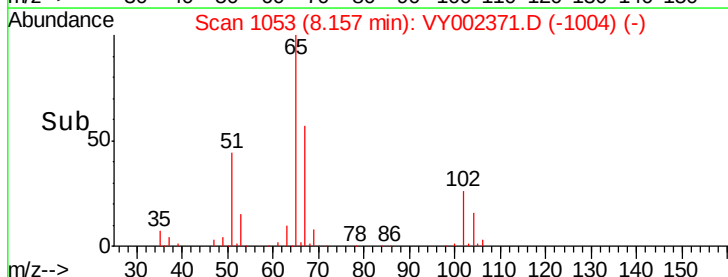
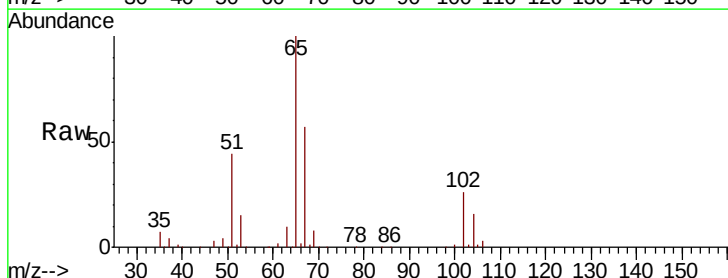
Instrument :
MSVOA_Y
ClientSampleId :

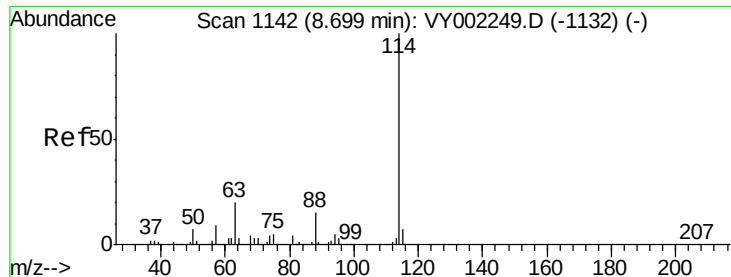
Tot Ion:	84	Resp:	11014
Ion	Ratio	Lower	Upper
84	100		
49	125.9	95.5	143.3
51	33.4	29.5	44.3
86	64.4	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Tgt Ion:	65	Resp:	90133
Ion	Ratio	Lower	Upper
65	100		
67	57.7	0.0	114.0

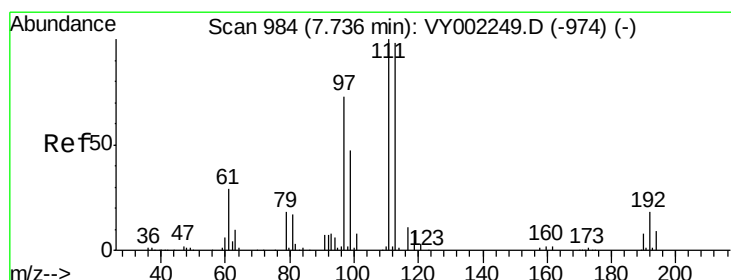
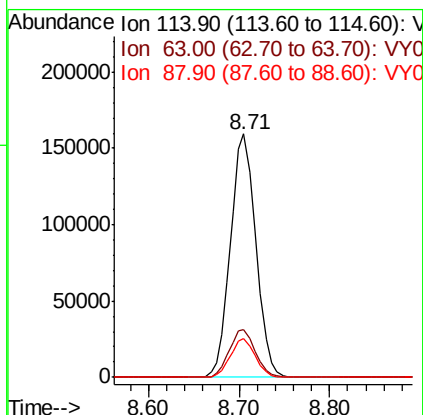
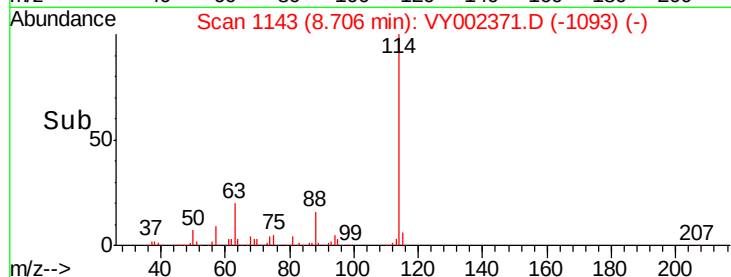
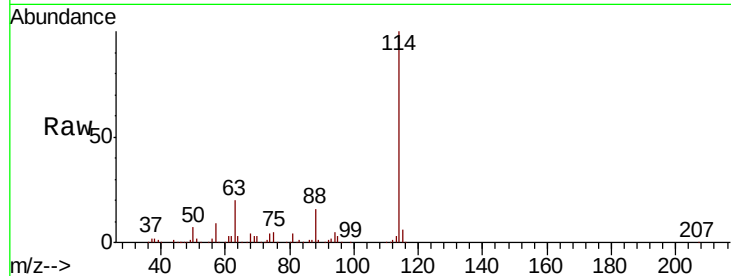




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

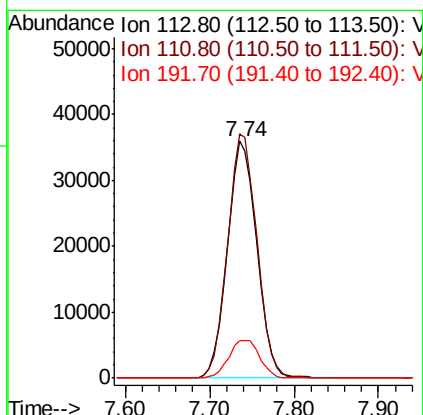
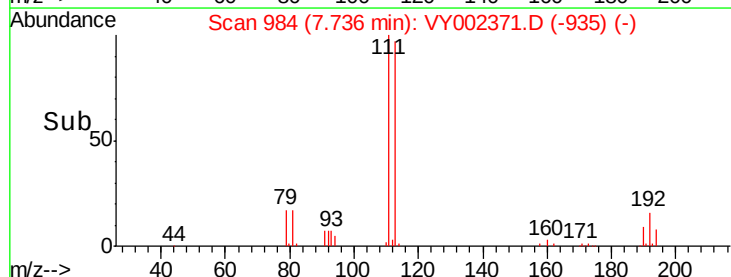
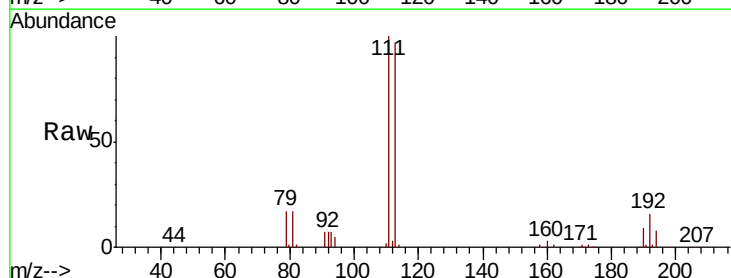
Instrument :
 MSVOA_Y
 ClientSampleId :

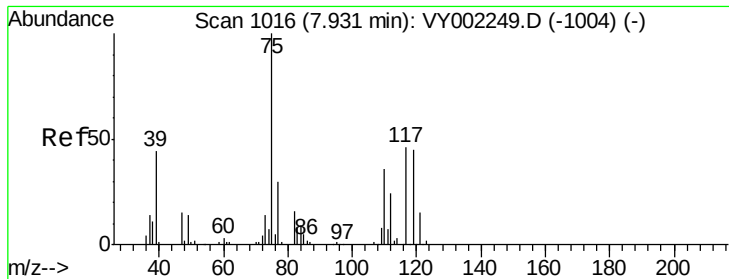
Tot Ion:114 Resp: 309556
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.9 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 46.201 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

Tgt Ion:113 Resp: 85101
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.5 125.3
 192 16.8 14.7 22.1

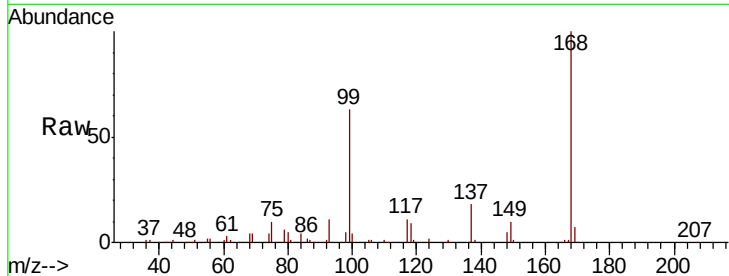




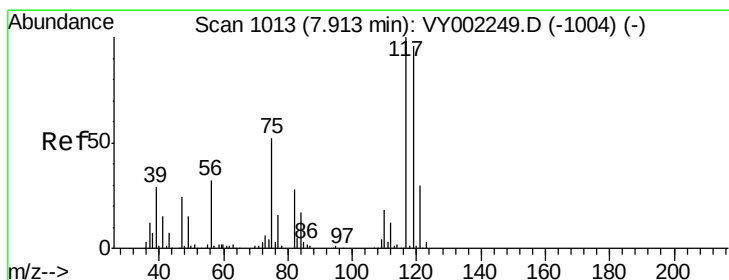
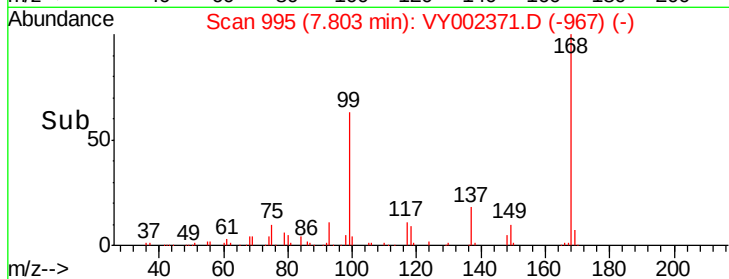
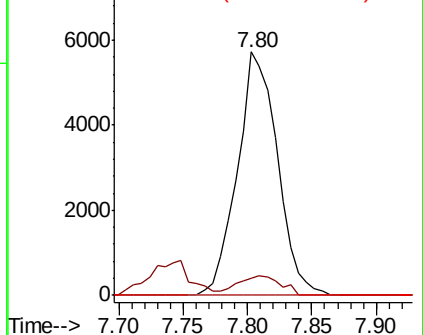
#36
 1,1-Dichloropropene
 Concen: 4.048 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.3#
77	0.0	24.4	36.6#

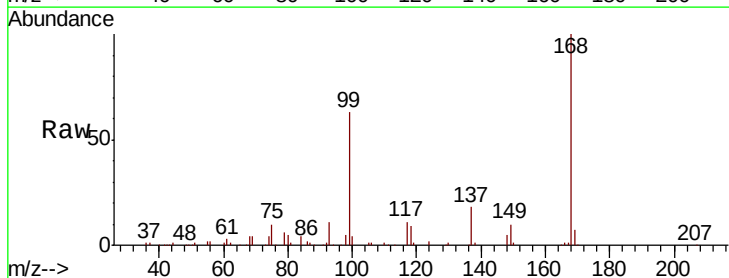


Abundance Ion 74.90 (74.60 to 75.60): VY002371.D (-967) (-)
 Ion 109.90 (109.60 to 110.60): VY002371.D (-967) (-)
 Ion 76.90 (76.60 to 77.60): VY002371.D (-967) (-)

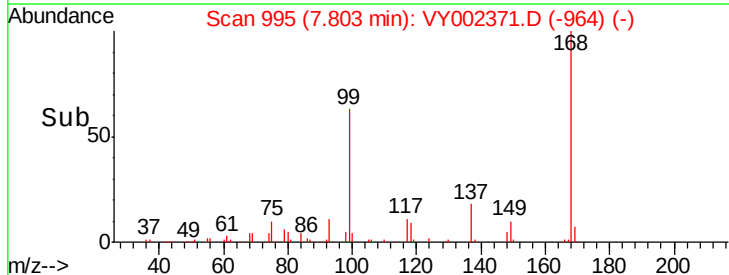
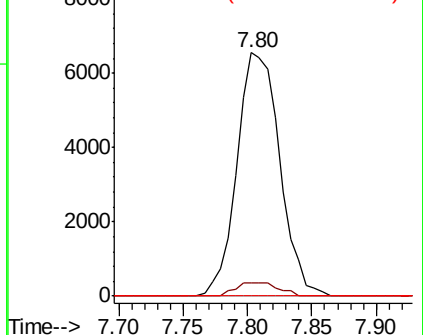


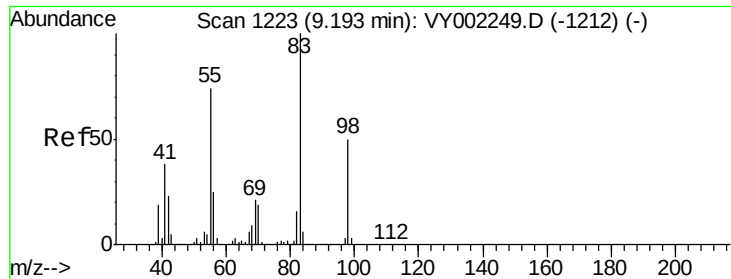
#38
 Carbon Tetrachloride
 Concen: 5.767 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VY002371.D (-964) (-)
 Ion 118.80 (118.50 to 119.50): VY002371.D (-964) (-)
 Ion 120.80 (120.50 to 121.50): VY002371.D (-964) (-)

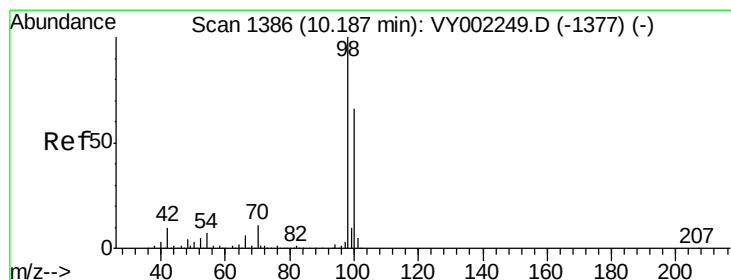
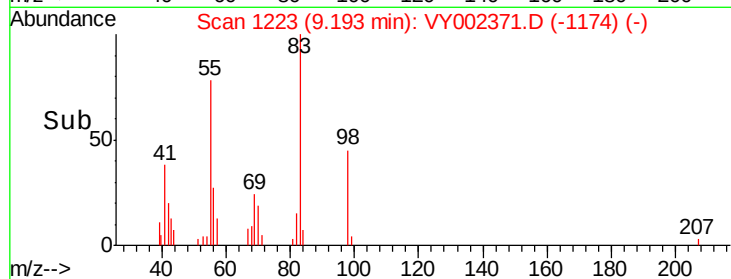
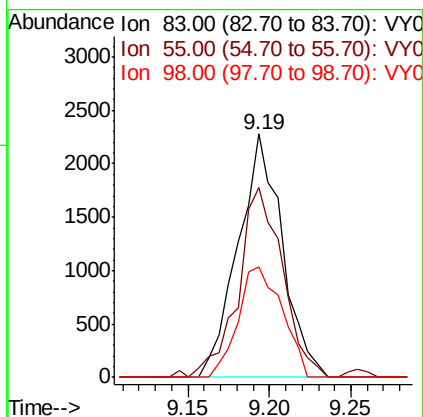
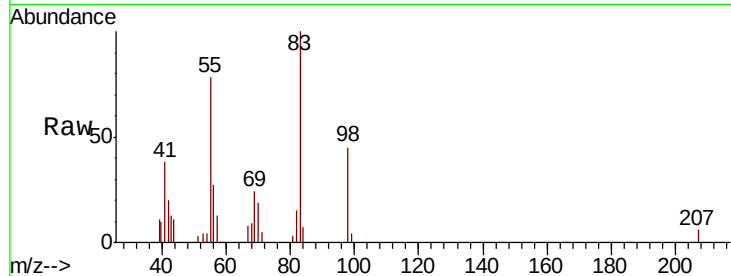




#39
Methylcyclohexane
Concen: 1.038 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

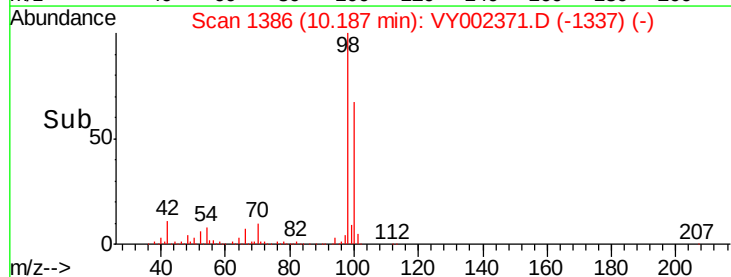
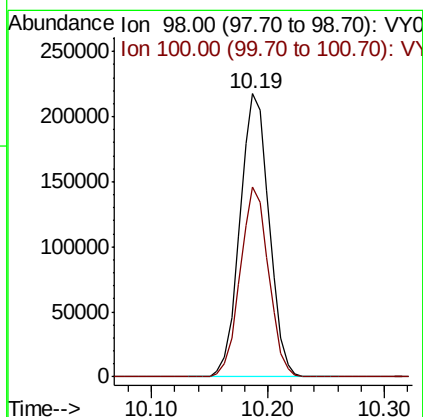
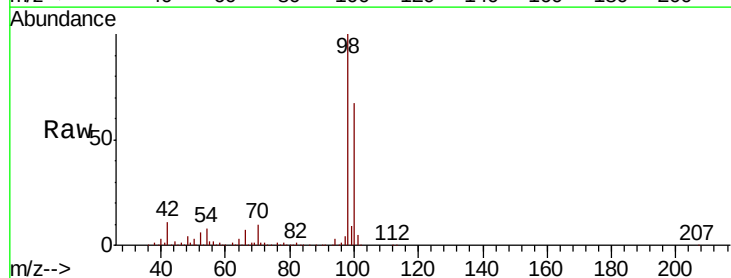
Instrument :
MSVOA_Y
ClientSampleId :

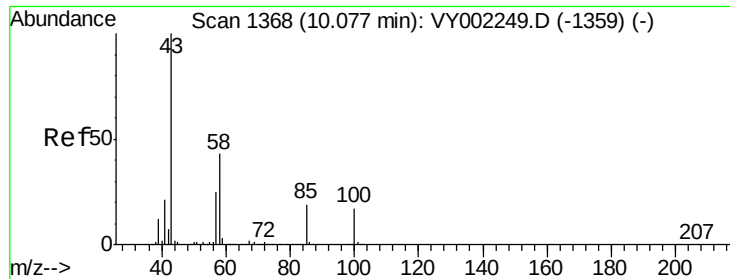
Tot Ion: 83 Resp: 4305
Ion Ratio Lower Upper
83 100
55 77.8 59.3 88.9
98 45.4 39.6 59.4



#50
Toluene-d8
Concen: 49.204 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Tgt Ion: 98 Resp: 379349
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.208 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_Y

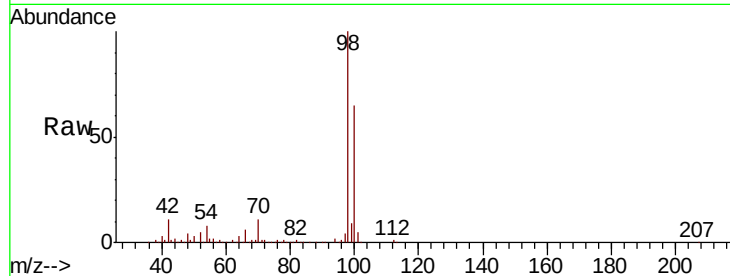
ClientSampled :

Tot Ion: 43 Resp: 2000

Ion Ratio Lower Upper

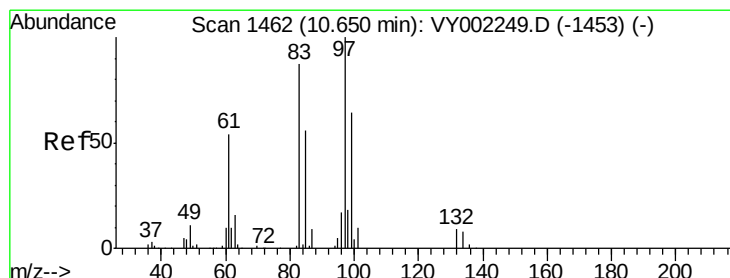
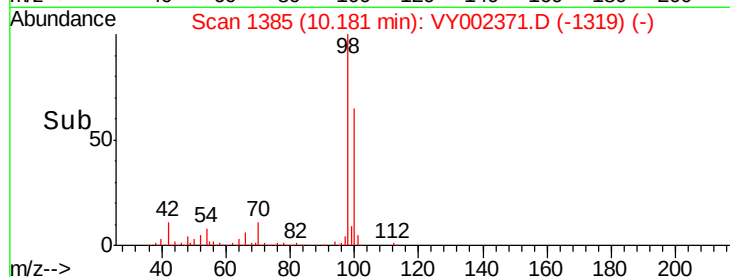
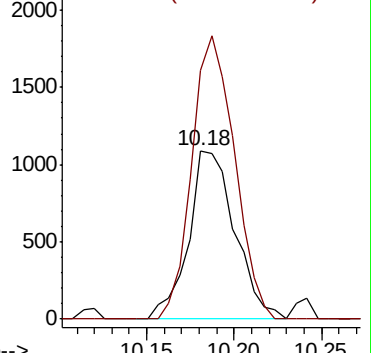
43 100

58 155.6 33.8 50.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#55

1,1,2-Trichloroethane

Concen: 1.984 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.02 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Tgt Ion: 97 Resp: 3486

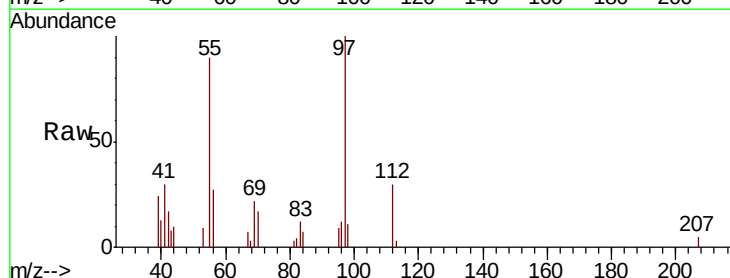
Ion Ratio Lower Upper

97 100

83 11.7 69.5 104.3#

85 0.0 45.2 67.8#

99 0.0 50.9 76.3#

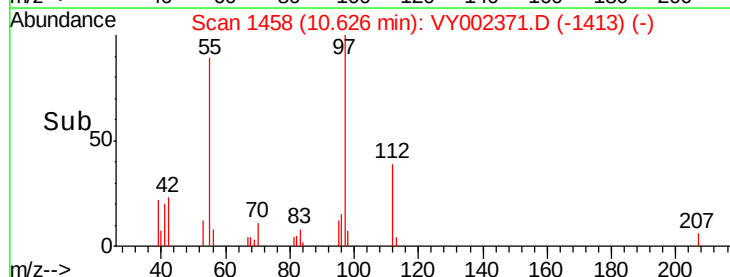
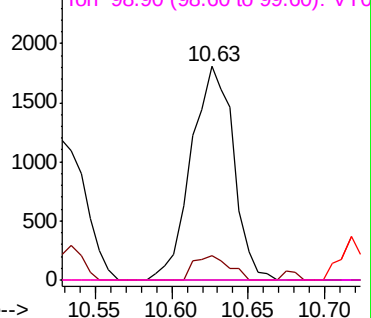


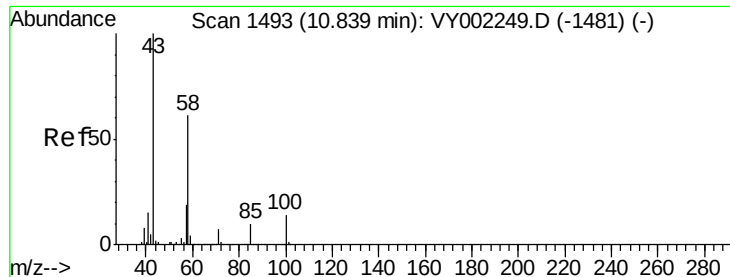
Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

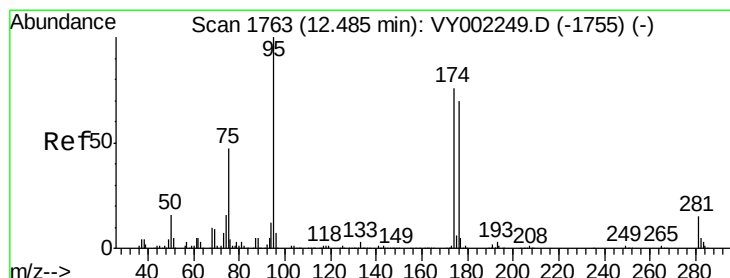
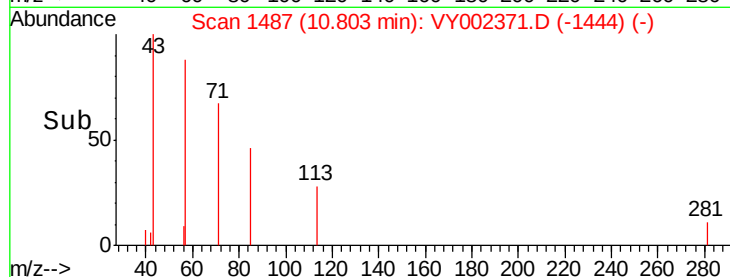
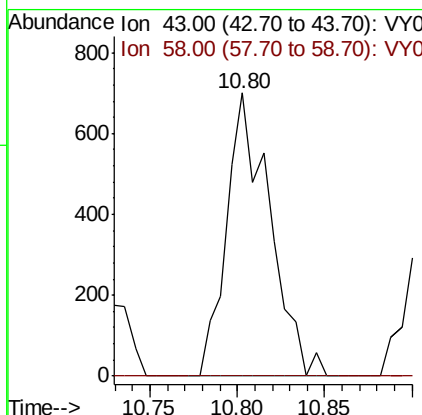
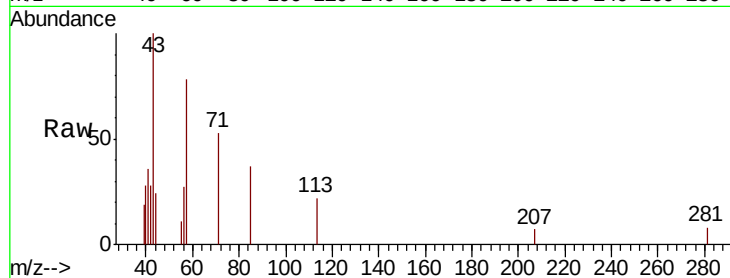




#59
2-Hexanone
Concen: 1.044 ug/l
RT: 10.80 min Scan# 1487
Delta R.T. -0.04 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

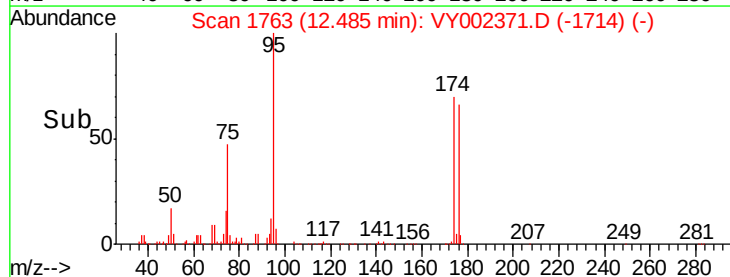
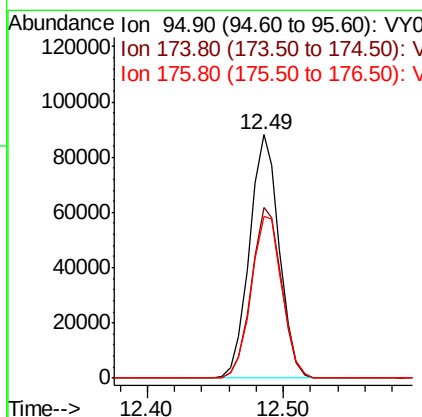
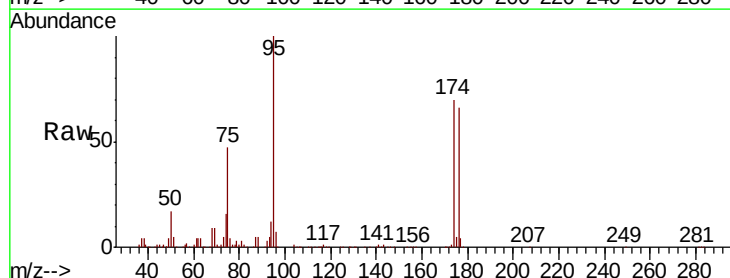
Instrument :
MSVOA_Y
ClientSampleId :

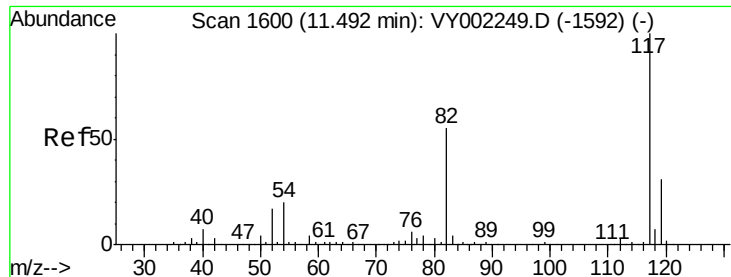
Tot Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.3#



#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Tgt Ion: 95 Resp: 134789
Ion Ratio Lower Upper
95 100
174 71.2 0.0 150.6
176 69.2 0.0 141.4

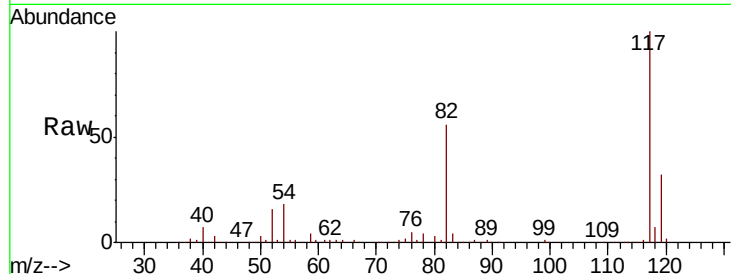




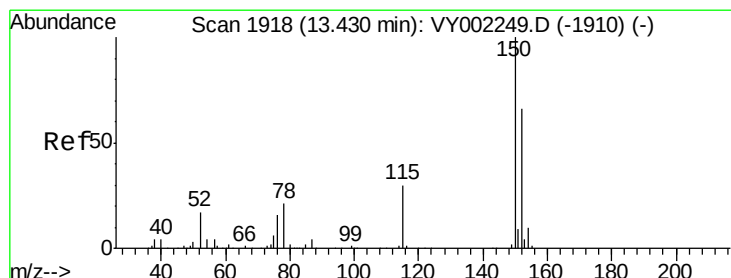
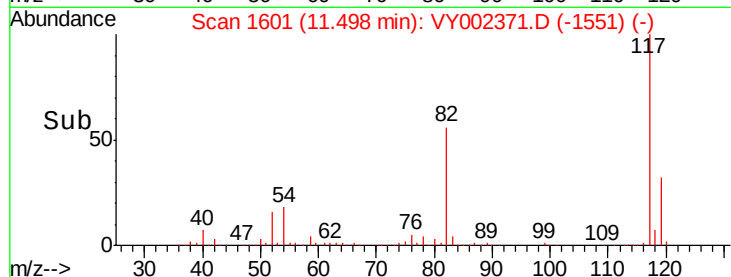
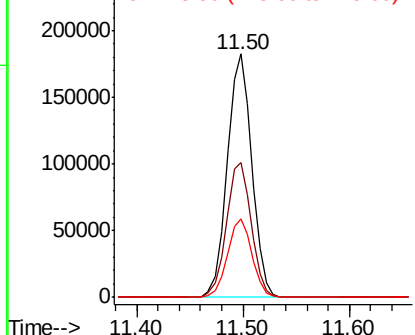
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 294336
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.2 25.1 37.7

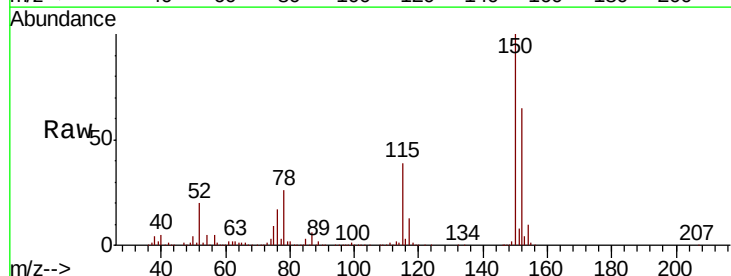


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

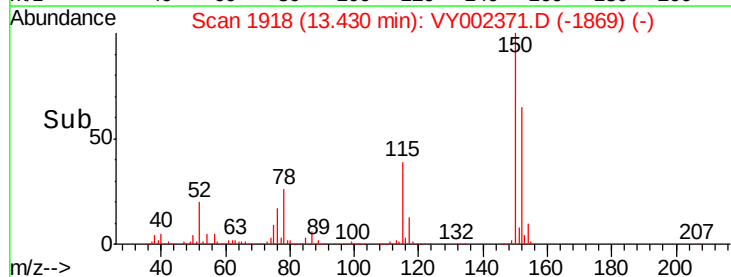
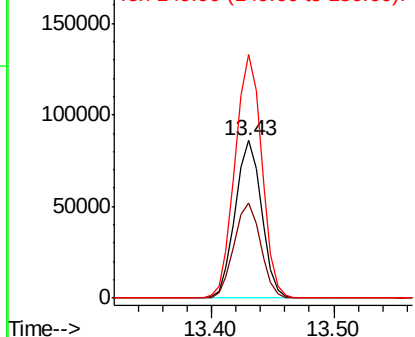


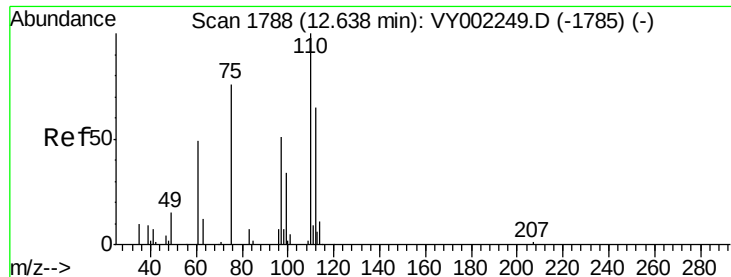
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Tgt Ion:152 Resp: 127967
Ion Ratio Lower Upper
152 100
115 60.7 30.7 92.1
150 157.1 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: 42.916 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_Y

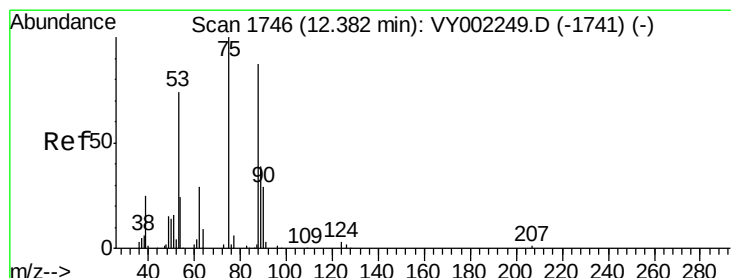
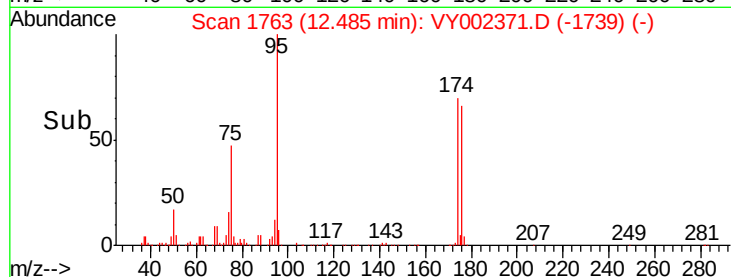
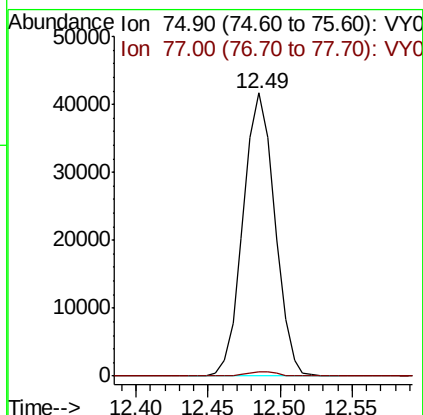
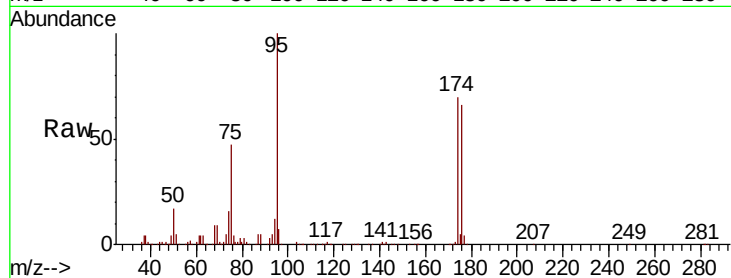
ClientSampleId :

Tot Ion: 75 Resp: 63772

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.471 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Tgt Ion: 75 Resp: 63772

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#

