

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002281.D
 Acq On : 13 Apr 2020 15:39
 Operator : SY/MD
 Sample : L2215-07
 Misc : 8.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 06:17:17 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

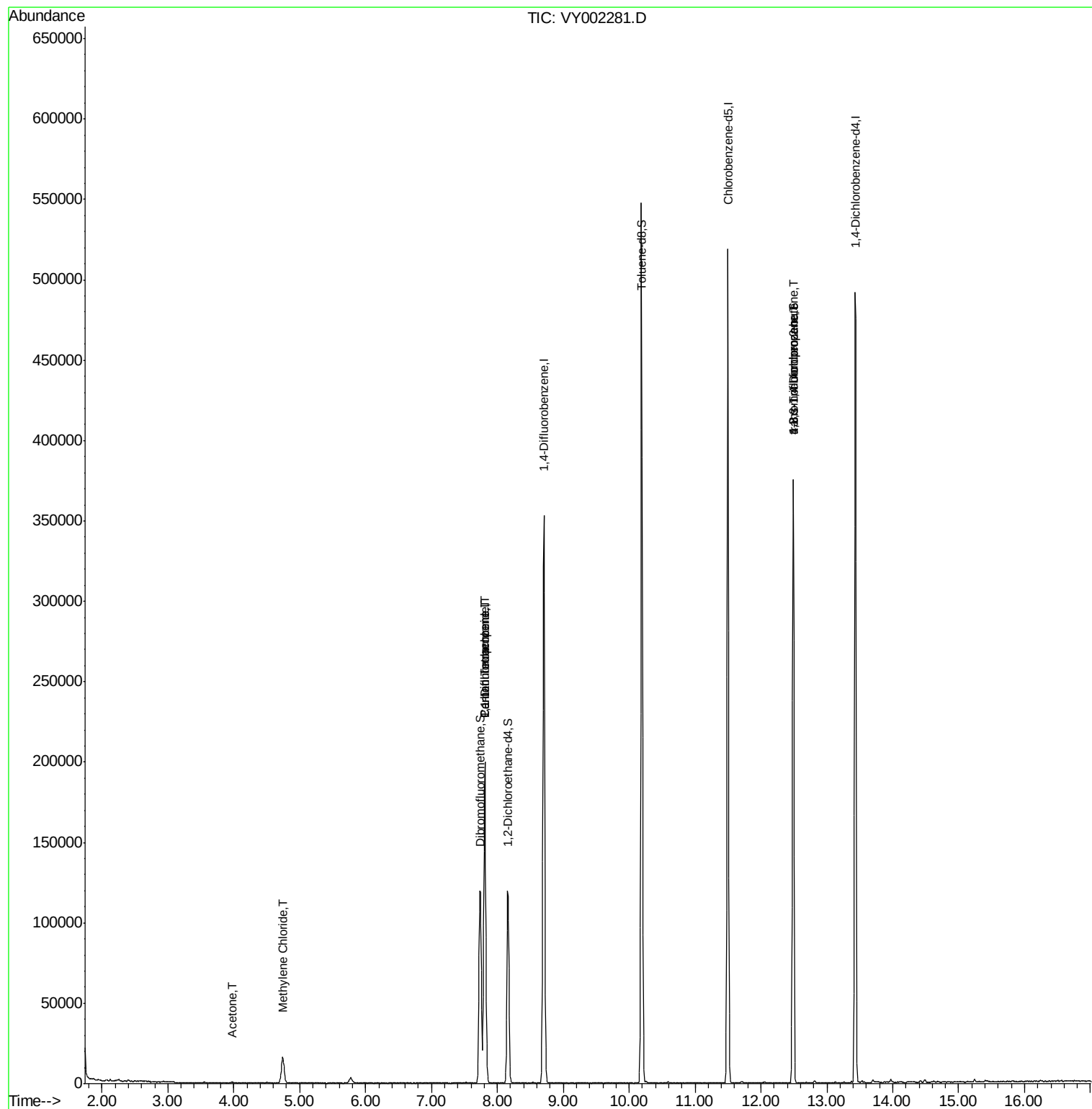
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	148364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	302368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86325	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	7.74	113	89845	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.19	98	365851	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.49	95	126755	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
Target Compounds						
16) Acetone	3.97	43	1243	2.860	ug/l #	77
20) Methylene Chloride	4.75	84	12633	5.915	ug/l	93
36) 1,1-Dichloropropene	7.81	75	12314	4.135	ug/l #	48
38) Carbon Tetrachloride	7.81	117	15074	5.917	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	61558	43.499	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61558	84.604	ug/l #	19

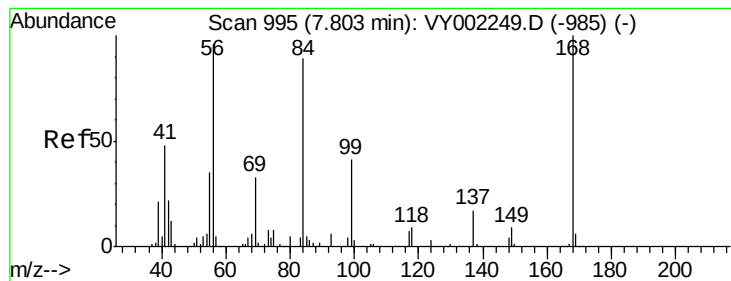
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
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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: VY002281.D

Acq: 13 Apr 2020 15:39

Instrument :

MSVOA_Y

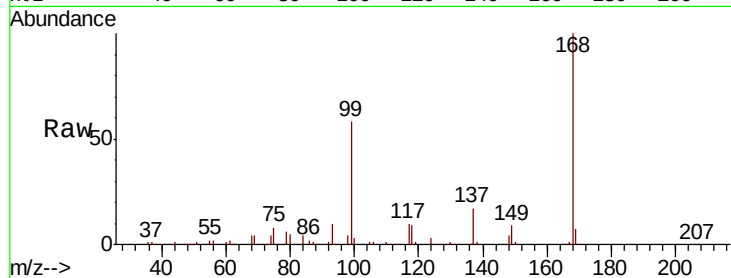
ClientSampled :

Tot Ion:168 Resp: 148364

Ion Ratio Lower Upper

168 100

99 58.2 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

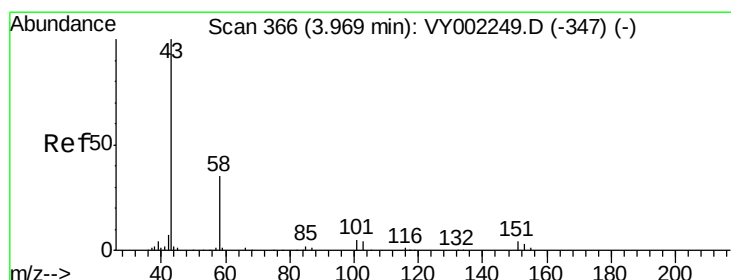
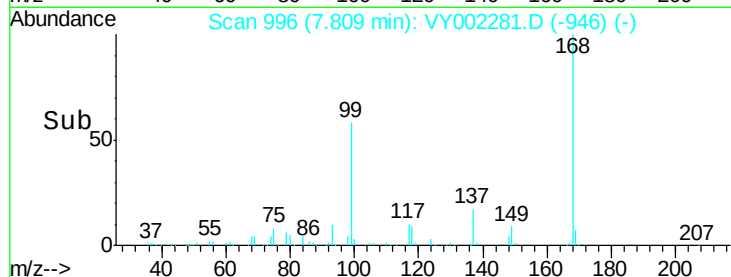
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.860 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002281.D

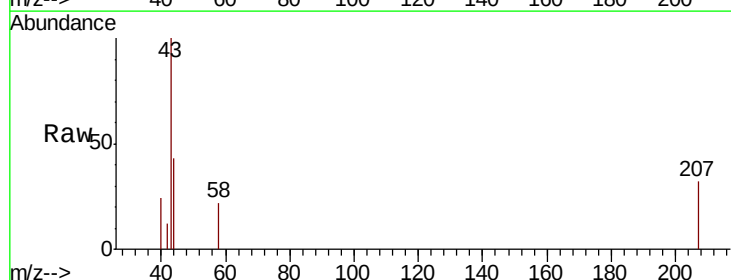
Acq: 13 Apr 2020 15:39

Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

58 21.9 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

500

400

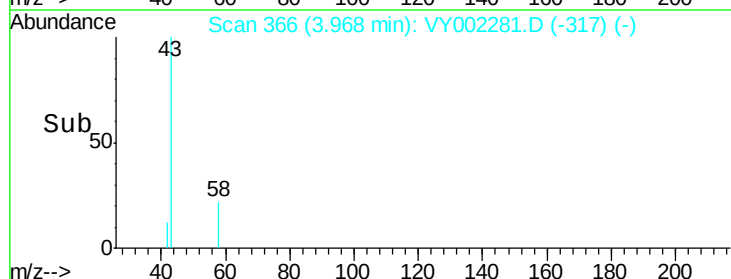
300

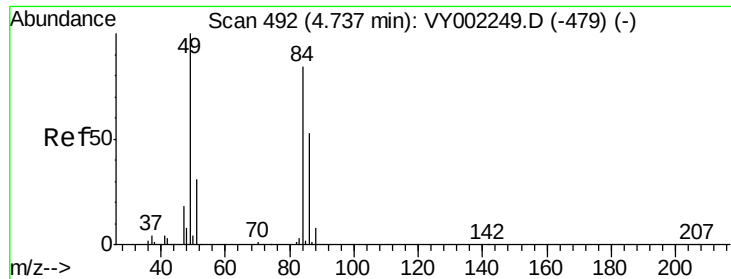
200

100

0

Time-->

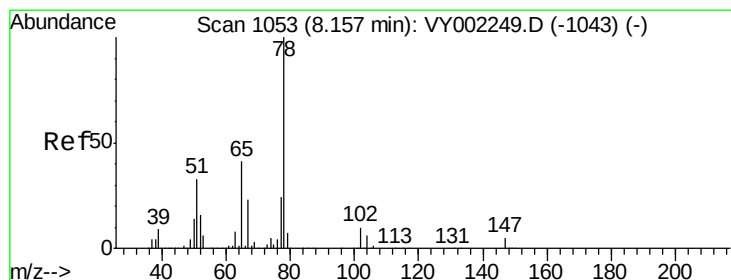
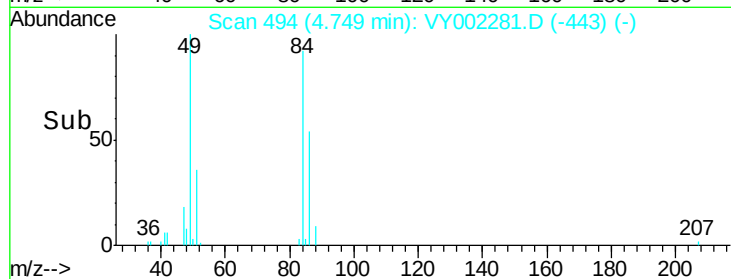
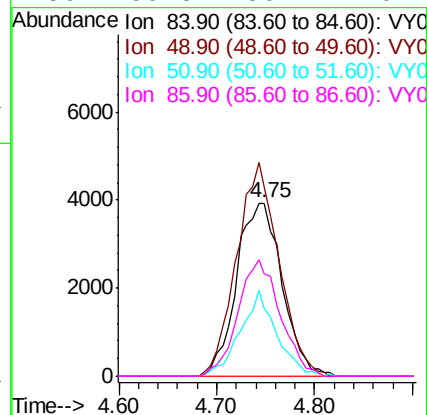
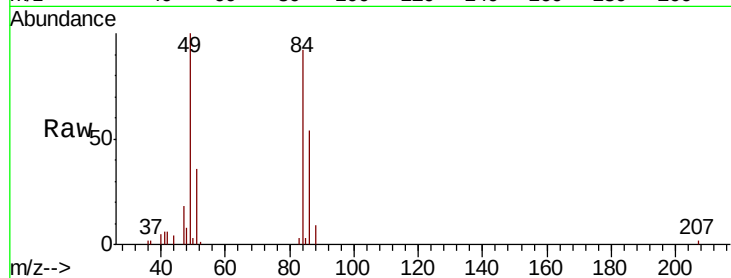




#20
Methylene Chloride
Concen: 5.915 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002281.D
Acq: 13 Apr 2020 15:39

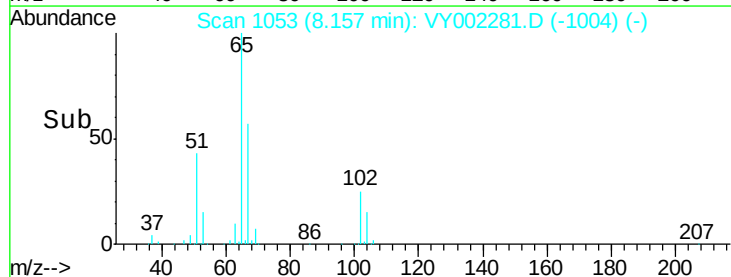
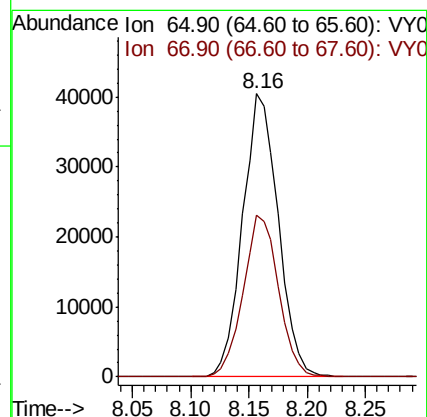
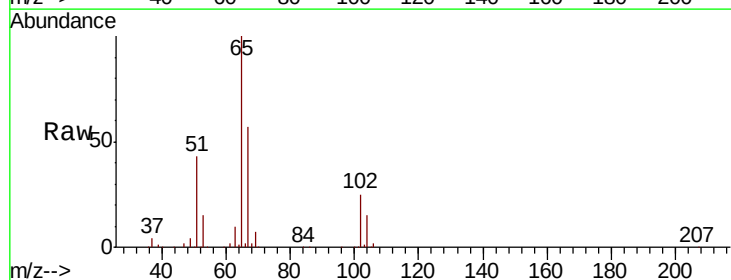
Instrument :
MSVOA_Y
ClientSampled :

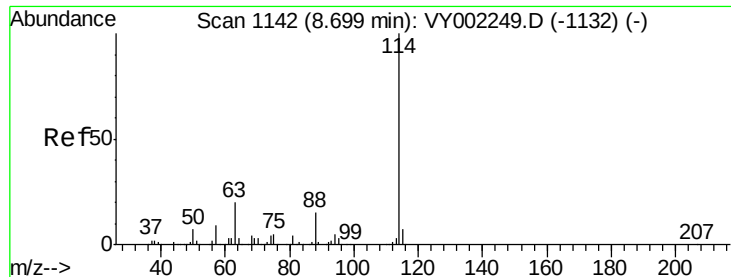
Tot Ion:	84	Resp:	12633
Ion	Ratio	Lower	Upper
84	100		
49	109.2	95.5	143.3
51	39.5	29.5	44.3
86	59.3	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: 52.321 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002281.D
Acq: 13 Apr 2020 15:39

Tgt Ion:	65	Resp:	86325
Ion	Ratio	Lower	Upper
65	100		
67	56.8	0.0	114.0

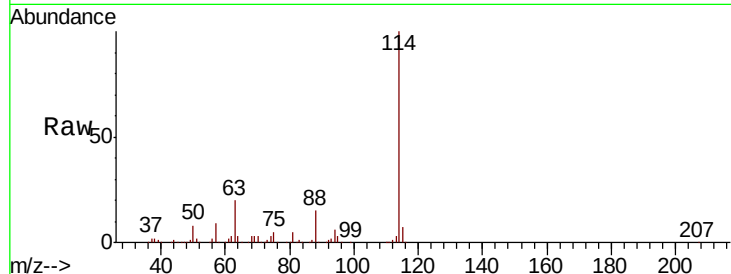




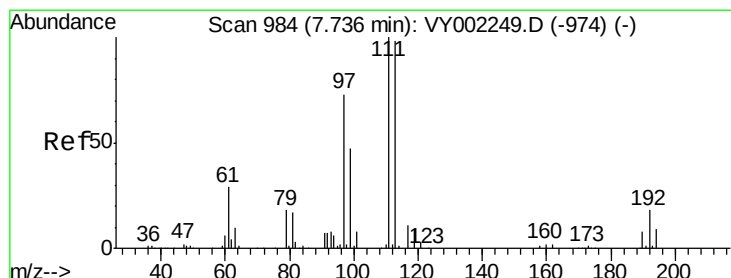
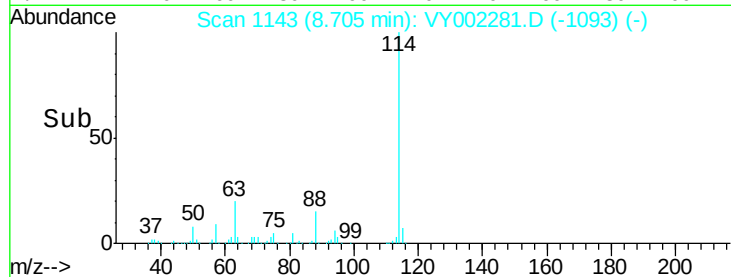
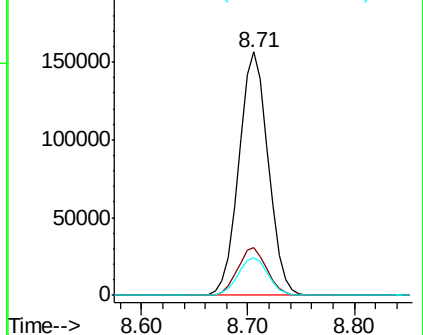
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.4	0.0	31.0

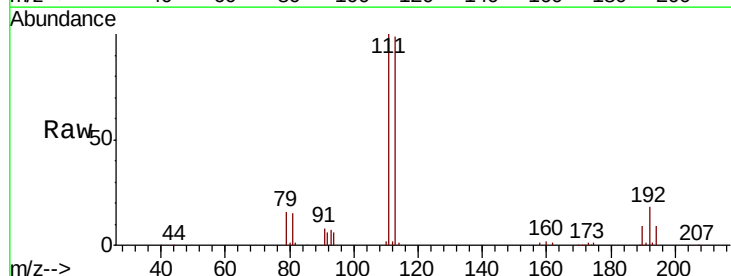


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

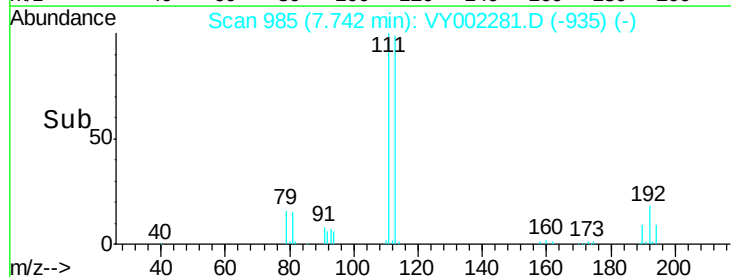
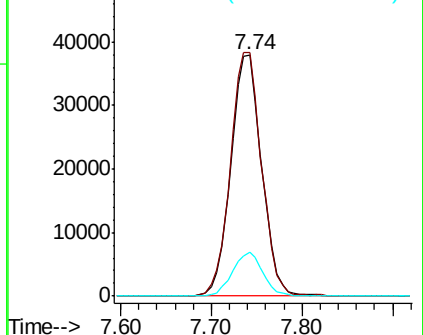


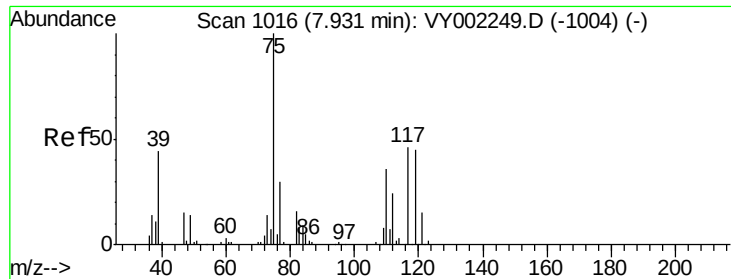
#35
 Dibromofluoromethane
 Concen: 49.936 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.5	125.3
192	17.8	14.7	22.1



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

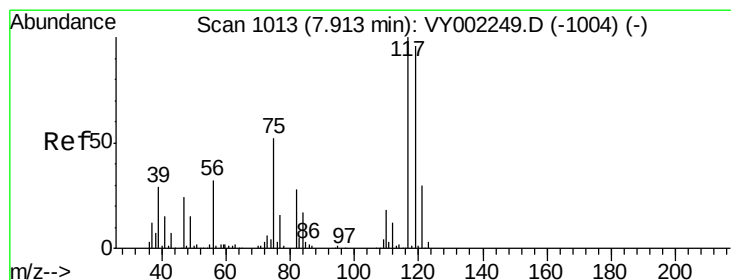
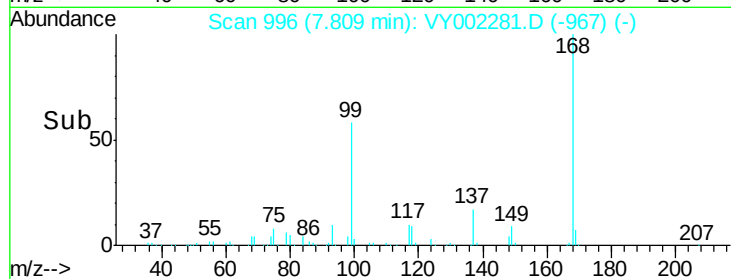
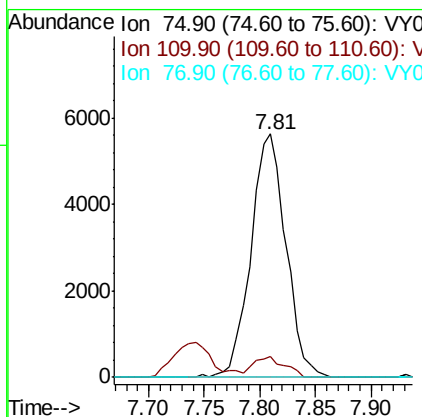
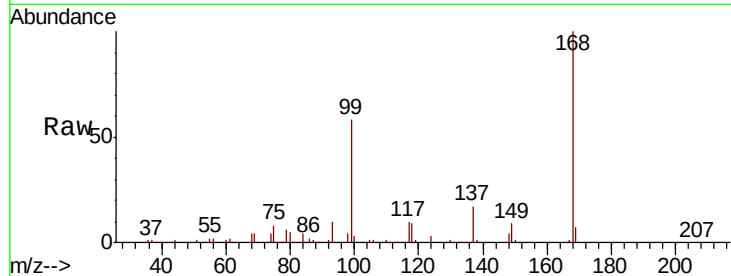




#36
 1,1-Dichloropropene
 Concen: 4.135 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

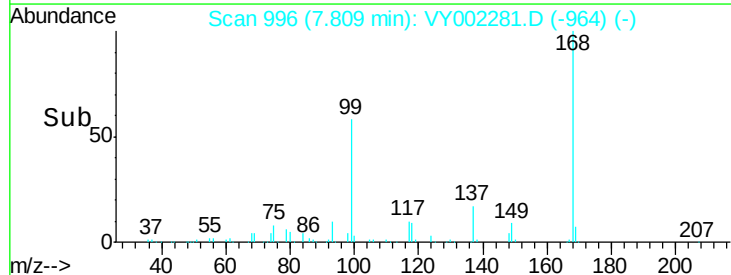
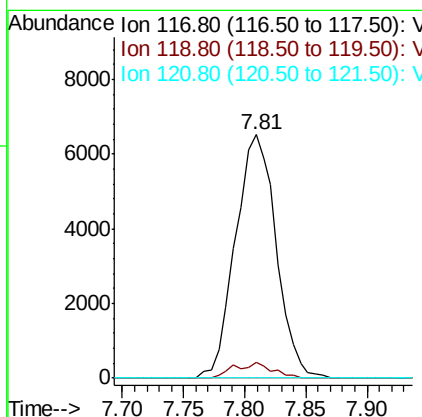
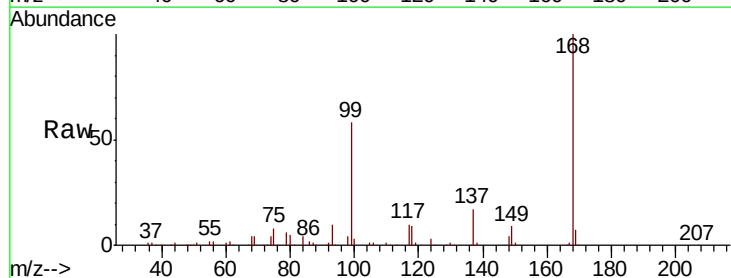
Instrument :
 MSVOA_Y
 ClientSampleId :

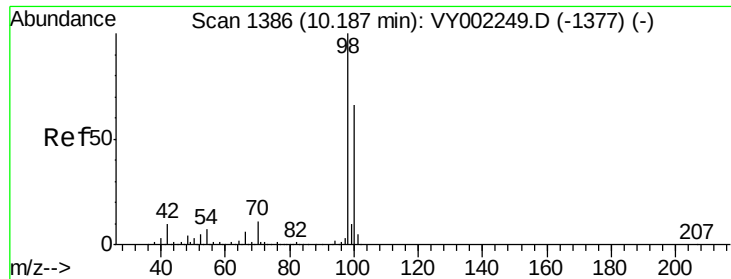
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.917 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.581 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002281.D

Acq: 13 Apr 2020 15:39

Instrument :

MSVOA_Y

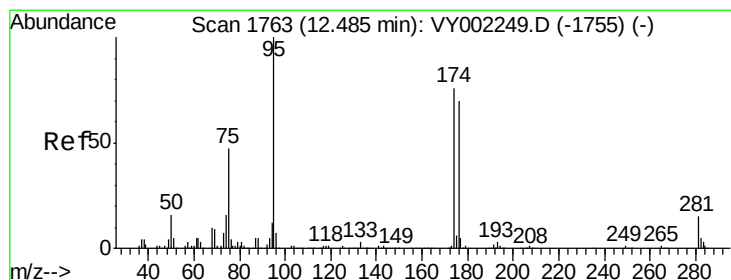
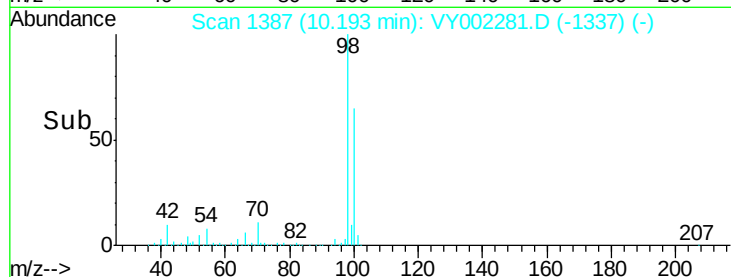
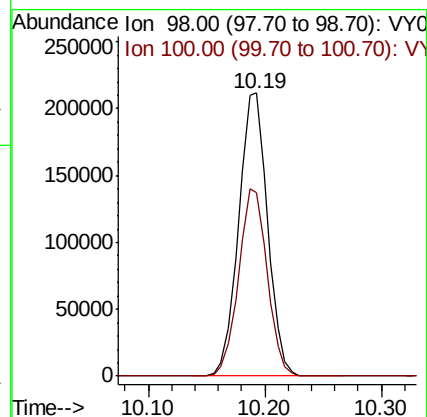
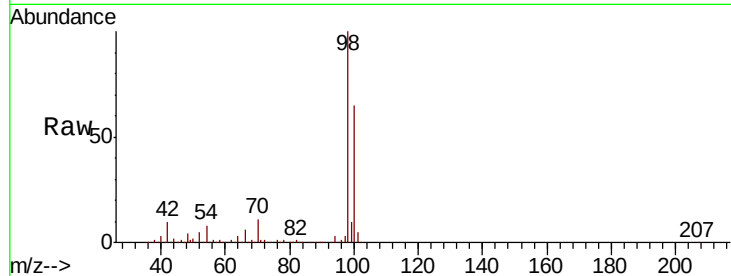
ClientSampleId :

Tot Ion: 98 Resp: 365851

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.019 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002281.D

Acq: 13 Apr 2020 15:39

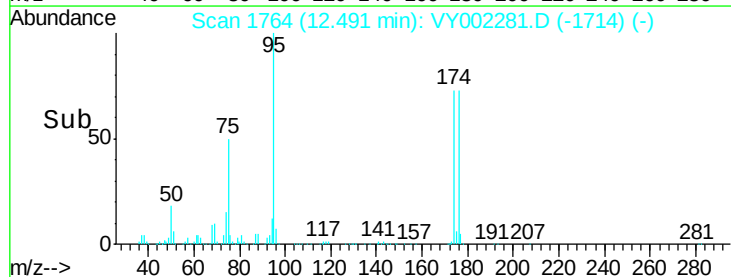
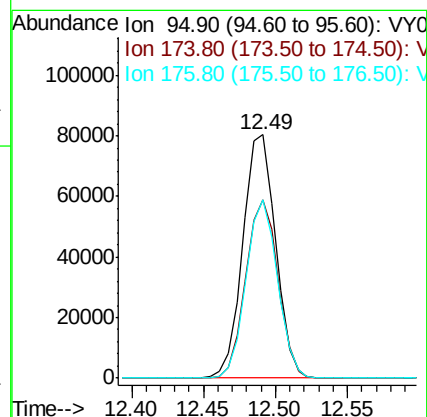
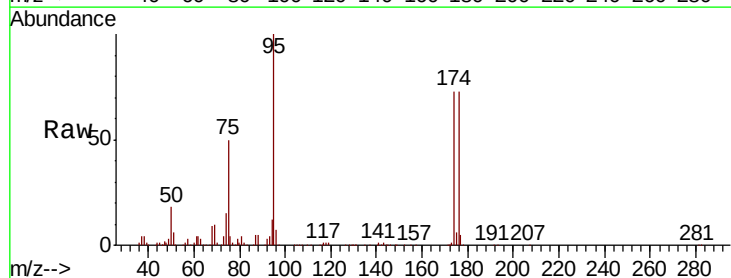
Tgt Ion: 95 Resp: 126755

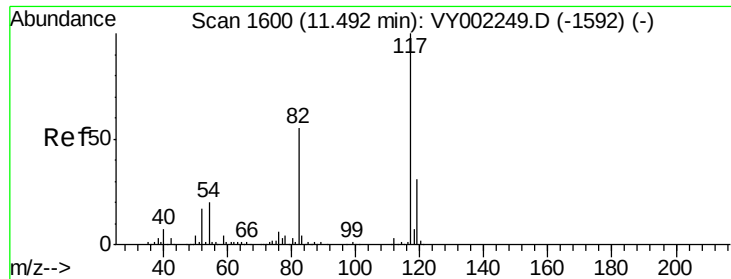
Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.6

176 70.1 0.0 141.4

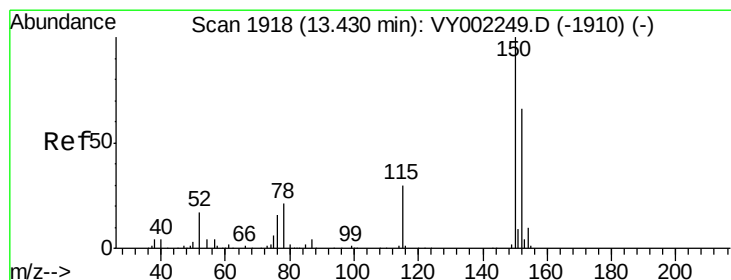
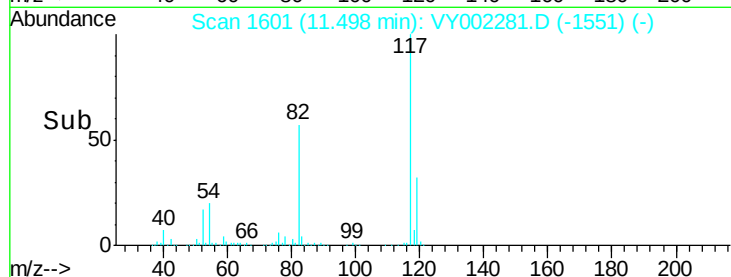
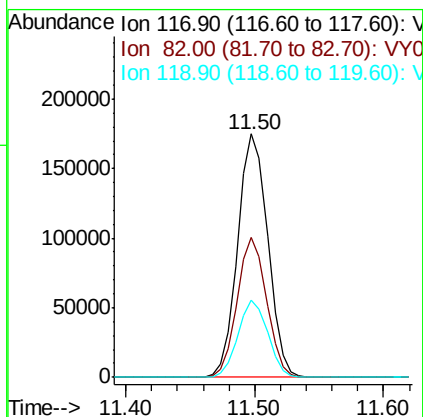
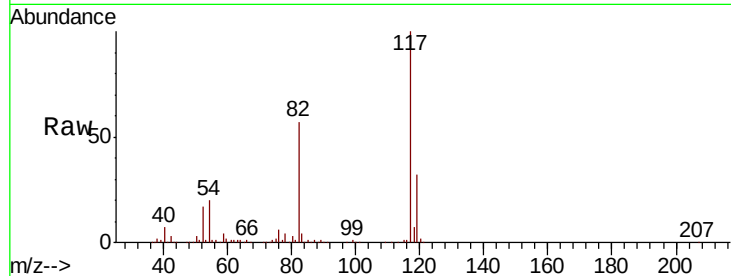




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002281.D
Acq: 13 Apr 2020 15:39

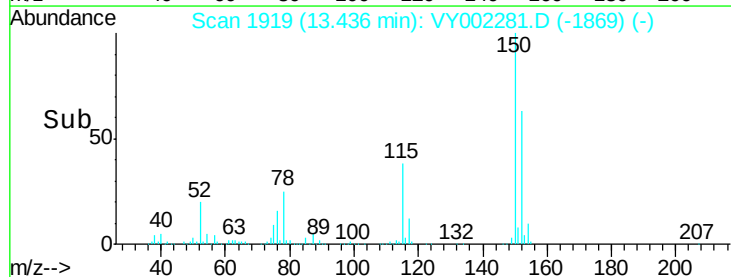
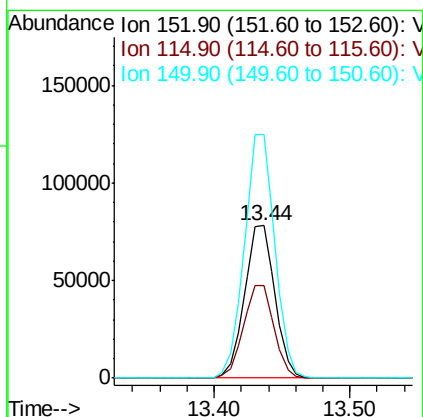
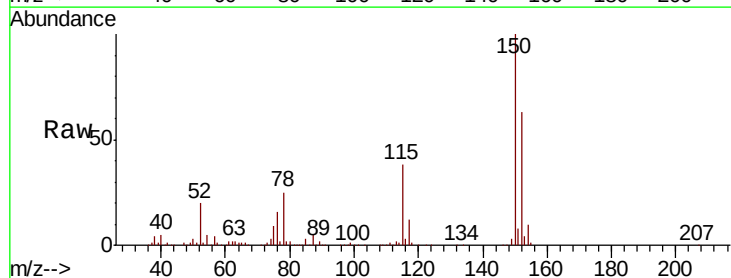
Instrument :
MSVOA_Y
ClientSampleId :

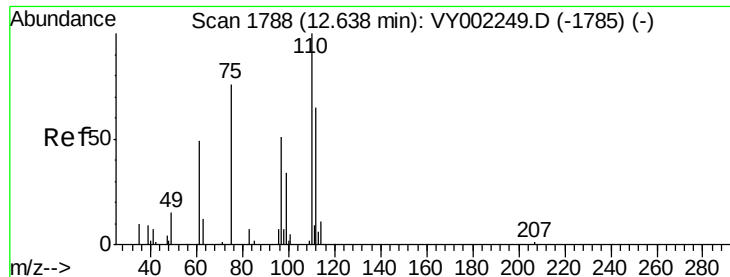
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.2	66.4
119	31.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002281.D
Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.7	92.1
150	160.3	0.0	350.6

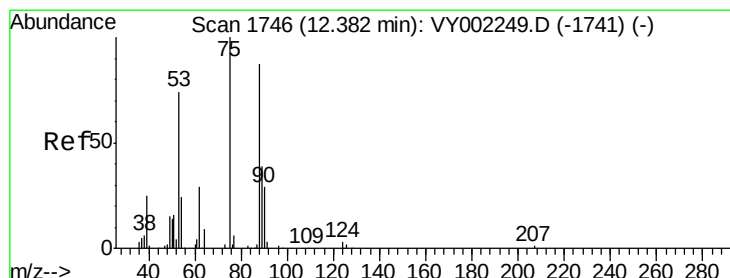
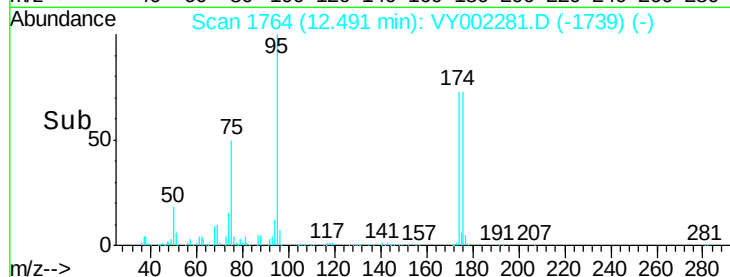
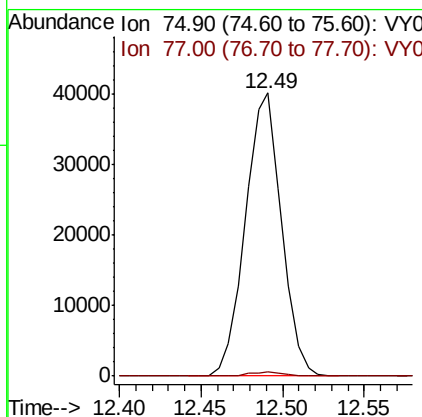
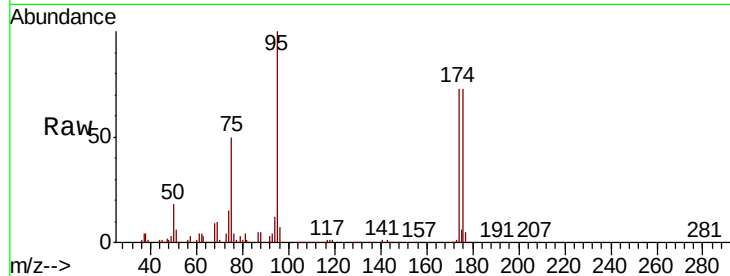




#76
 1,2,3-Trichloropropane
 Concen: 43.499 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 61558
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.604 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.11 min
 Lab File: VY002281.D
 Acq: 13 Apr 2020 15:39

Tgt Ion: 75 Resp: 61558
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.1 37.0 55.6#

