

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001066.D
 Acq On : 26 Dec 2019 13:02
 Operator : SY/MD
 Sample : K6431-01
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Dec 27 05:37:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

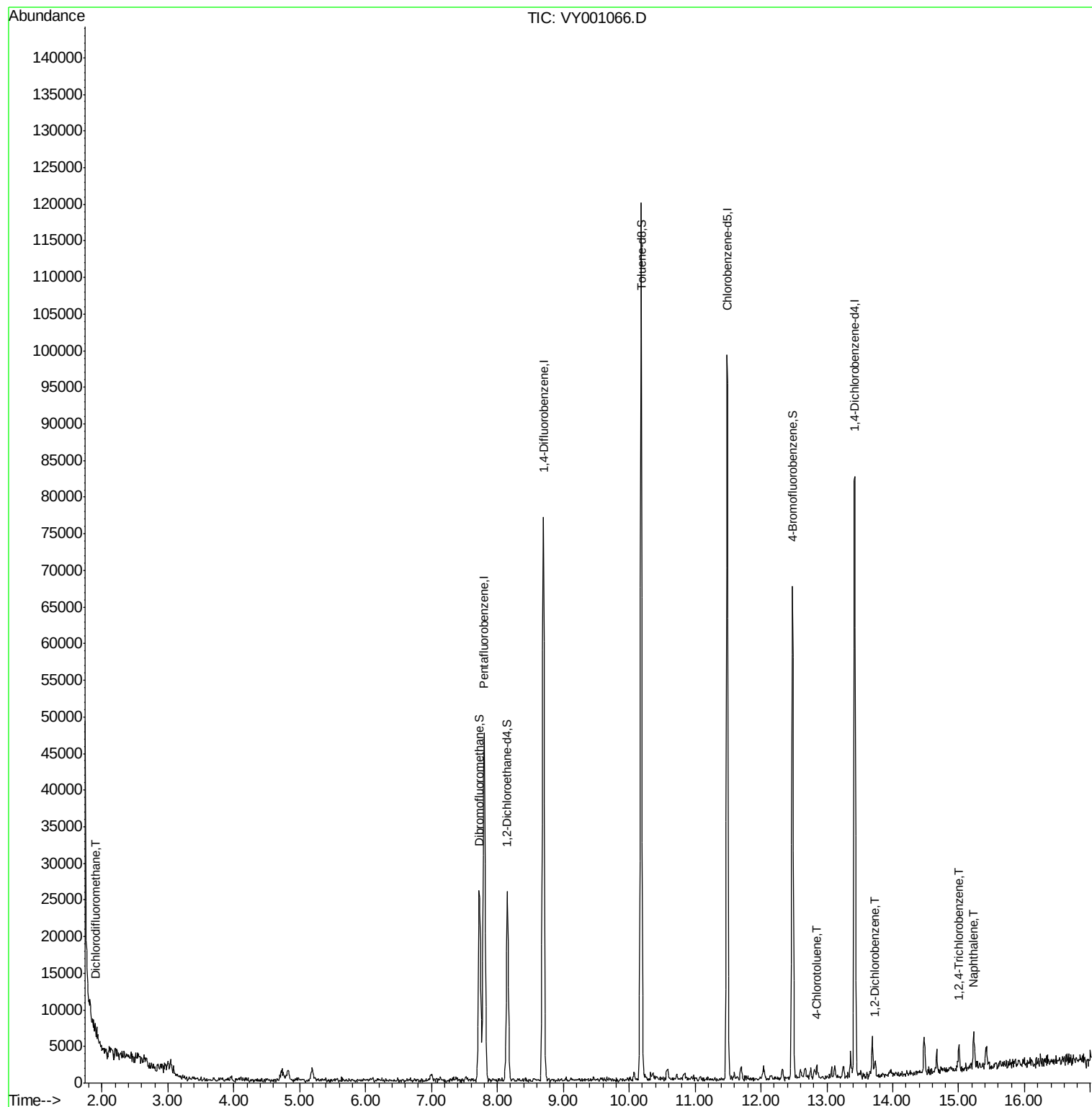
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	38030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	67102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	53626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	20793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	18150	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	7.72	113	18997	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.18	98	77933	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.48	95	21700	38.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	654	1.974	ug/l	93
82) 4-Chlorotoluene	12.85	91	1238	1.101	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	648	1.011	ug/l	65
93) 1,2,4-Trichlorobenzene	15.01	180	1258	2.907	ug/l	92
95) Naphthalene	15.23	128	3712	3.647	ug/l #	92

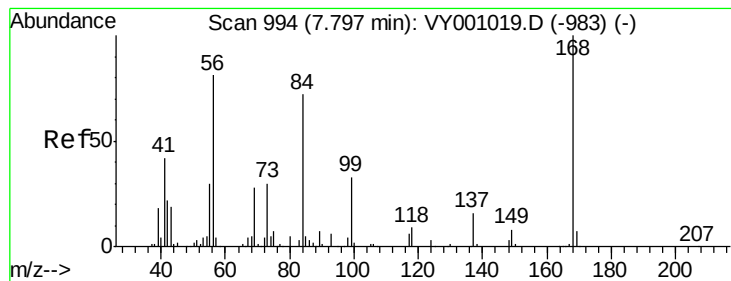
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001066.D

Acq: 26 Dec 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

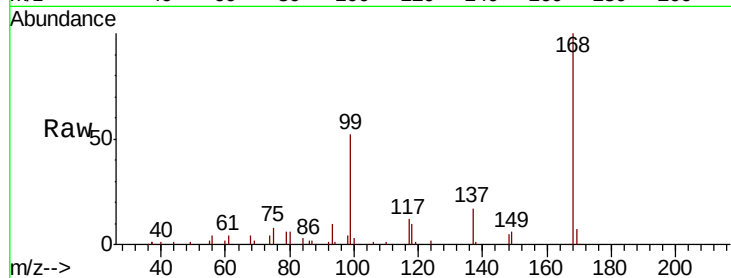
SB-5-(0-2)

Tot Ion:168 Resp: 38030

Ion Ratio Lower Upper

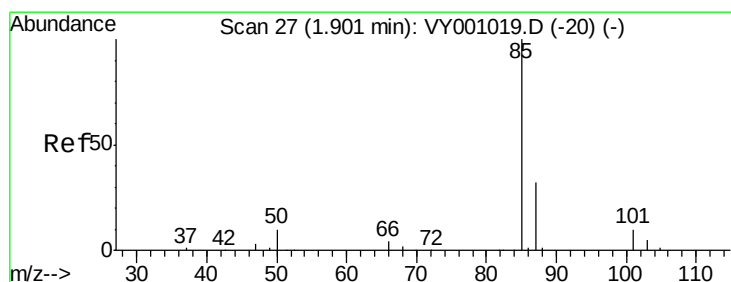
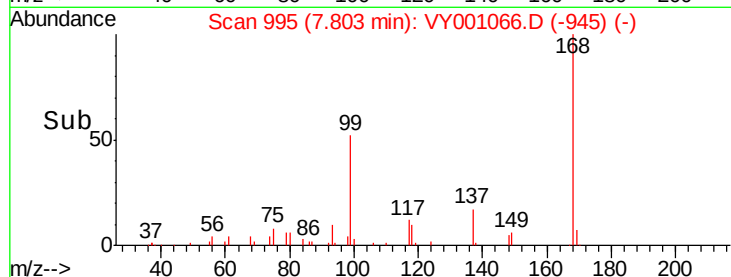
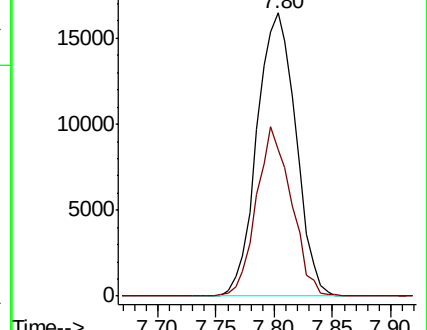
168 100

99 51.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 1.974 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001066.D

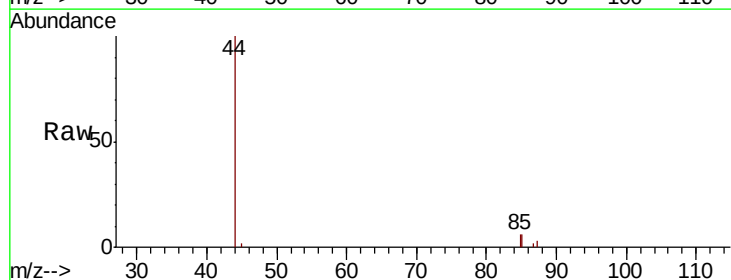
Acq: 26 Dec 2019 13:02

Tgt Ion: 85 Resp: 654

Ion Ratio Lower Upper

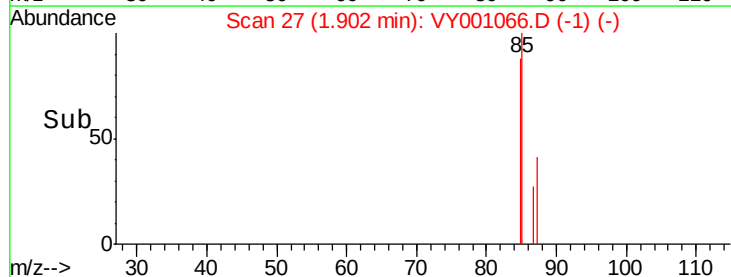
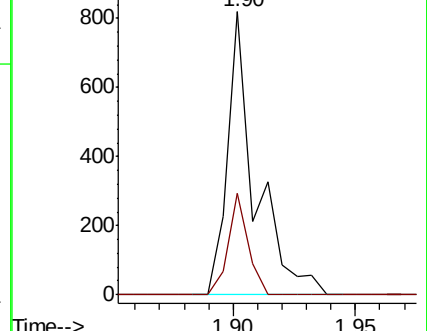
85 100

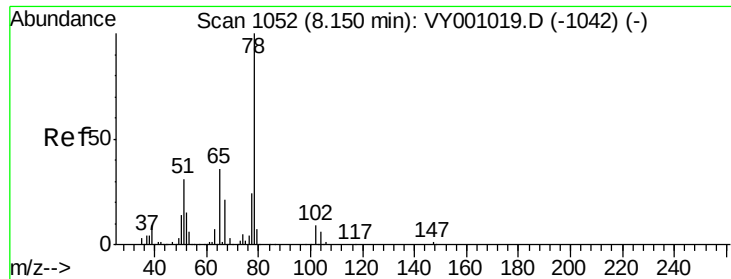
87 35.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

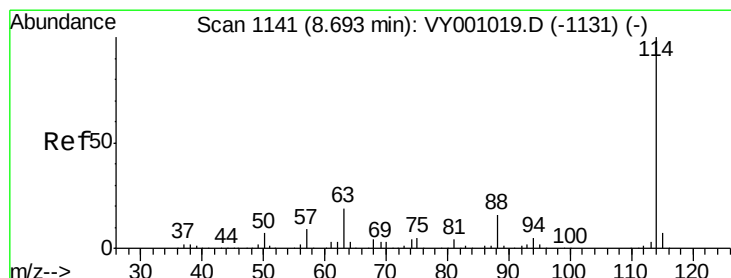
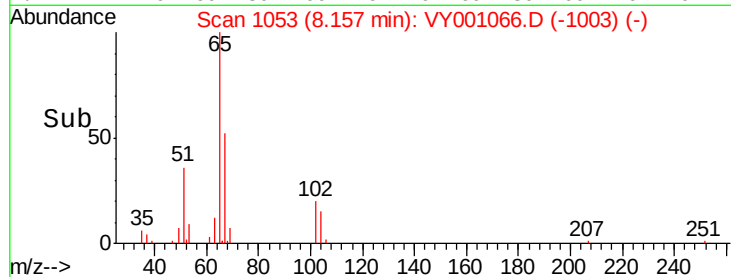
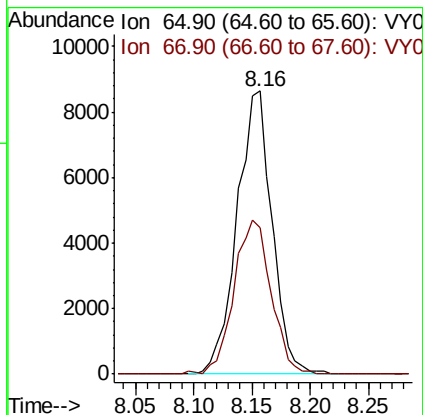
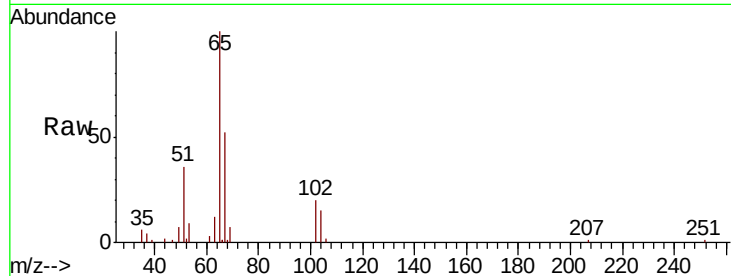




#33
 1,2-Dichloroethane-d4
 Concen: 48.390 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

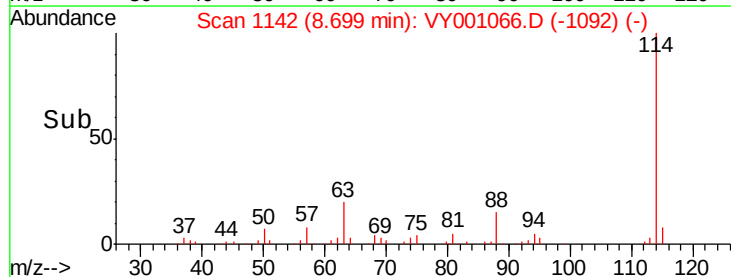
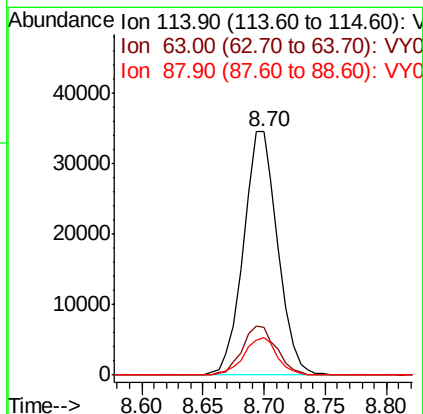
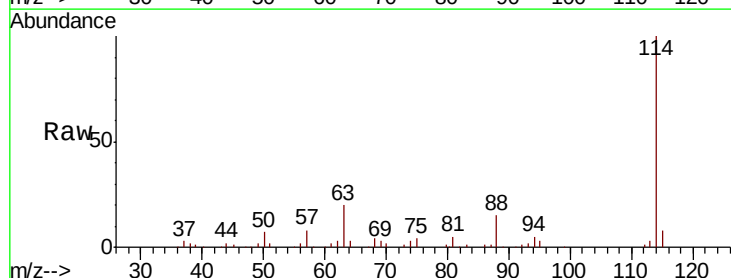
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

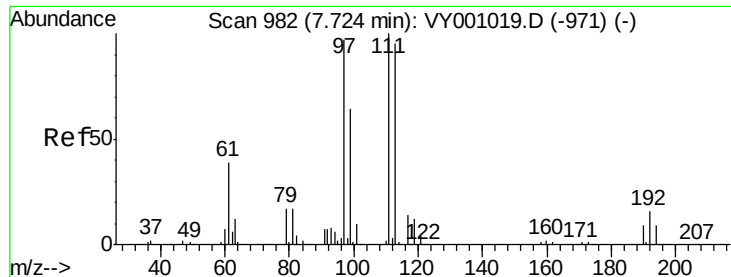
Tot Ion: 65 Resp: 18150
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

Tgt Ion: 114 Resp: 67102
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.0
 88 15.3 0.0 32.0

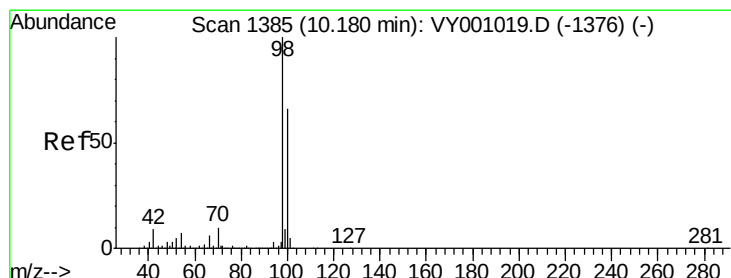
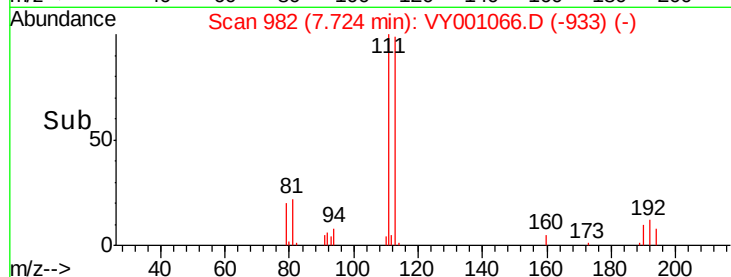
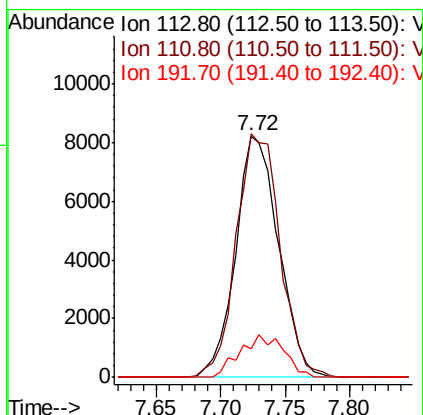
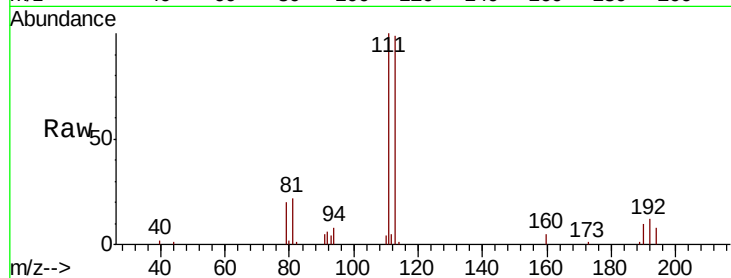




#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

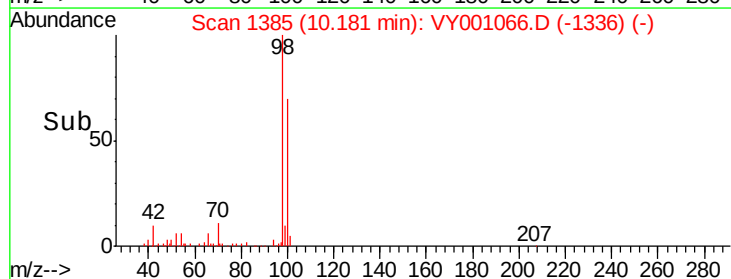
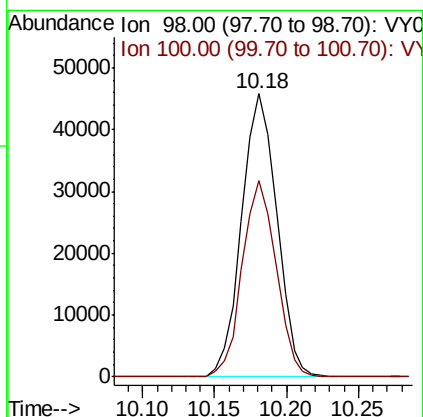
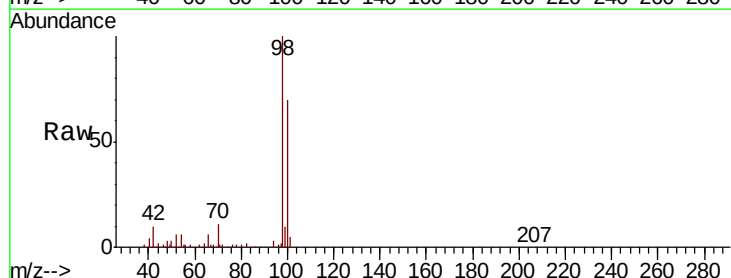
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

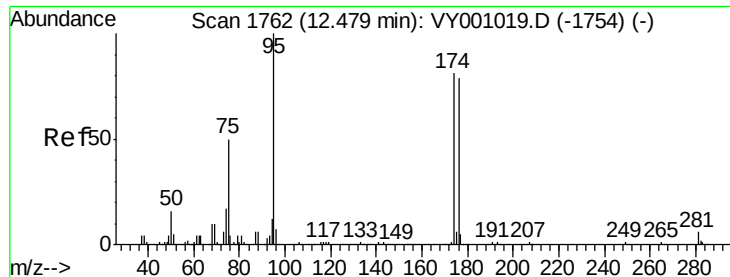
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.4
192	18.0	14.6	21.8



#50
 Toluene-d8
 Concen: 50.469 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

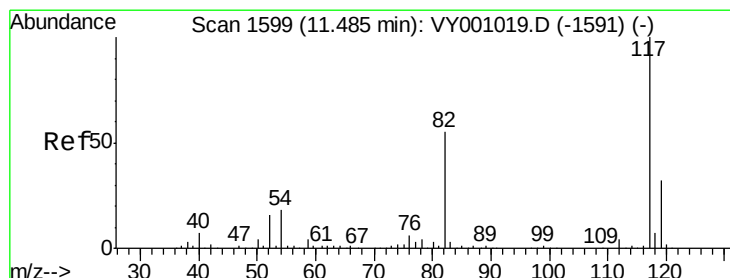
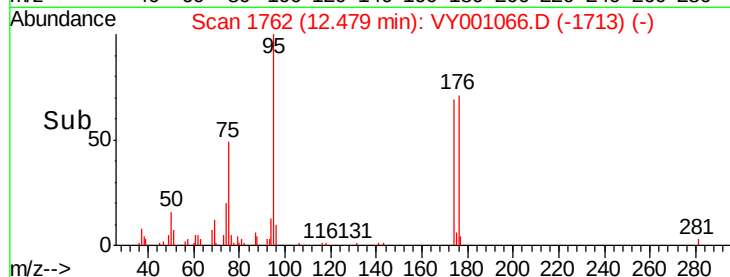
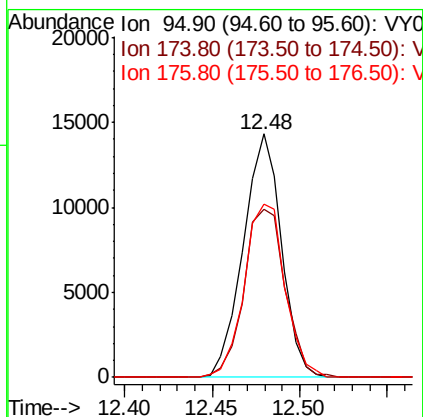
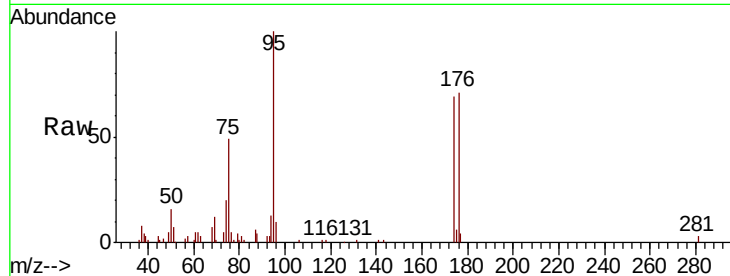




#62
4-Bromofluorobenzene
Concen: 38.436 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001066.D
Acq: 26 Dec 2019 13:02

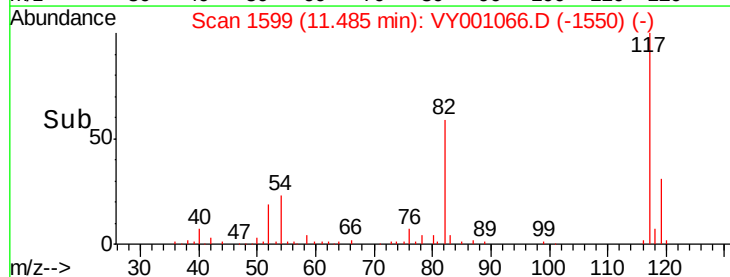
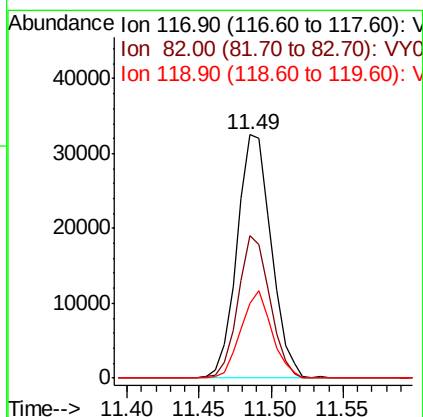
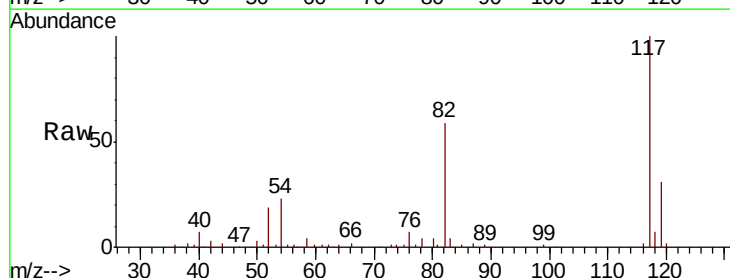
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

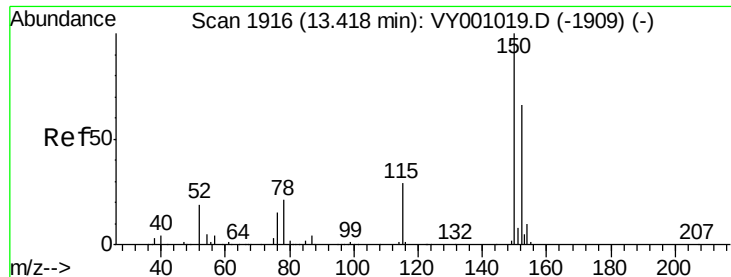
Tot Ion: 95 Resp: 21700
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.4
176 75.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001066.D
Acq: 26 Dec 2019 13:02

Tgt Ion: 117 Resp: 53626
Ion Ratio Lower Upper
117 100
82 58.6 43.8 65.8
119 30.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VY001066.D

Acq: 26 Dec 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(0-2)

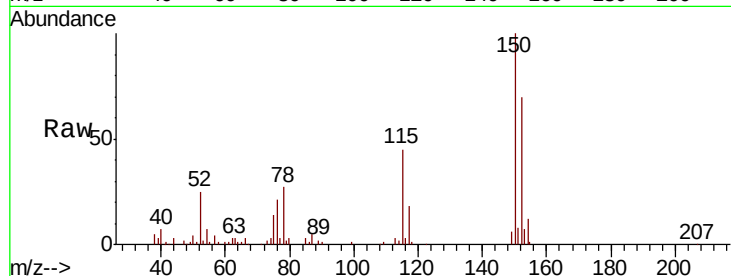
Tot Ion:152 Resp: 20793

Ion Ratio Lower Upper

152 100

115 63.8 29.8 89.3

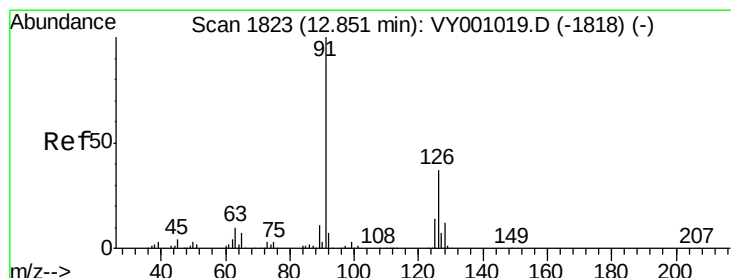
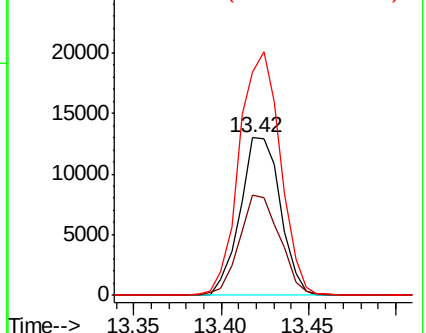
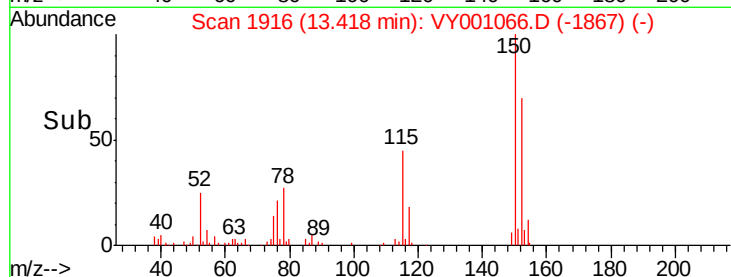
150 158.0 0.0 352.6



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



#82

4-Chlorotoluene

Concen: 1.101 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001066.D

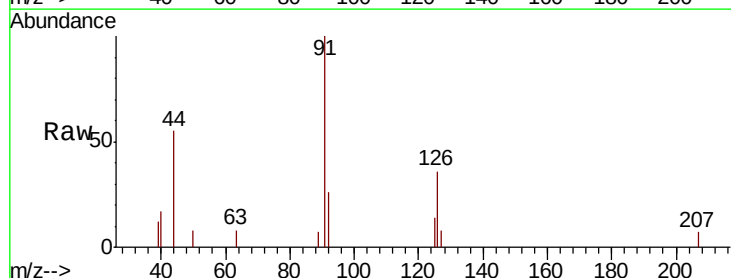
Acq: 26 Dec 2019 13:02

Tgt Ion: 91 Resp: 1238

Ion Ratio Lower Upper

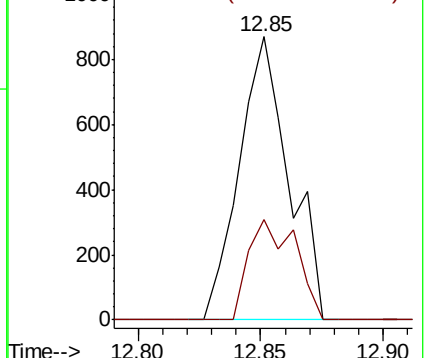
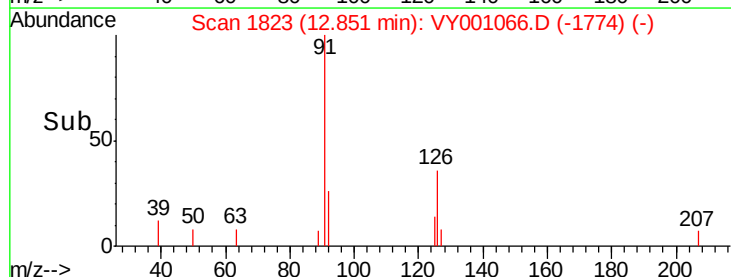
91 100

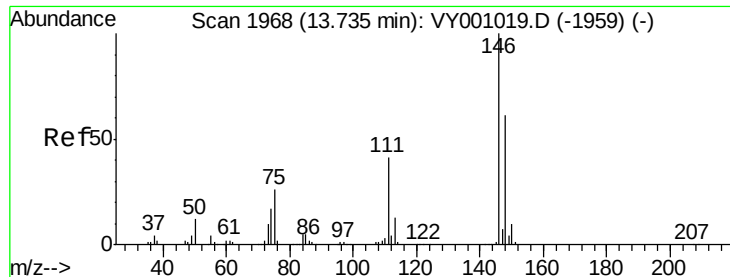
126 33.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

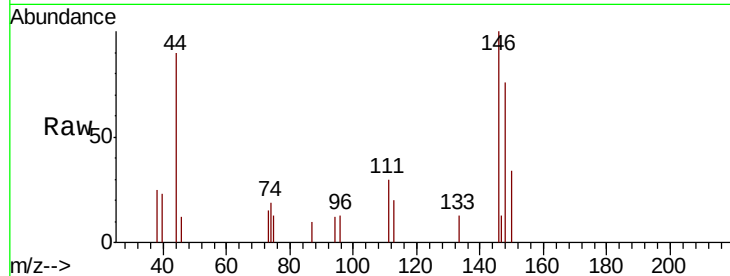




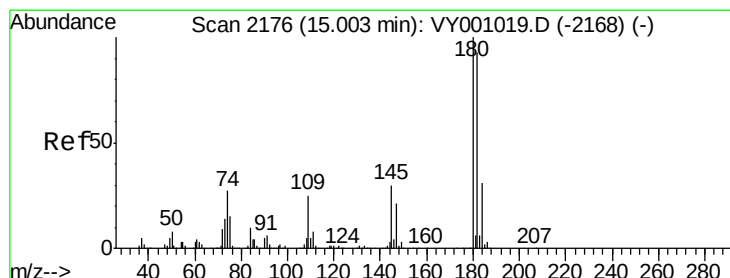
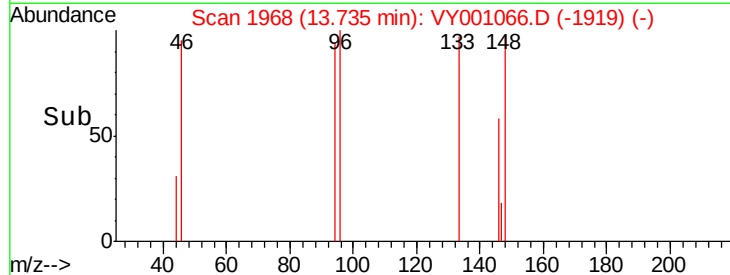
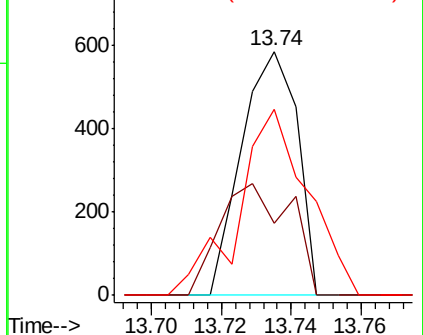
#91
 1,2-Dichlorobenzene
 Concen: 1.011 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

Tot Ion:146 Resp: 648
 Ion Ratio Lower Upper
 146 100
 111 58.3 20.6 61.9
 148 94.6 31.6 94.7

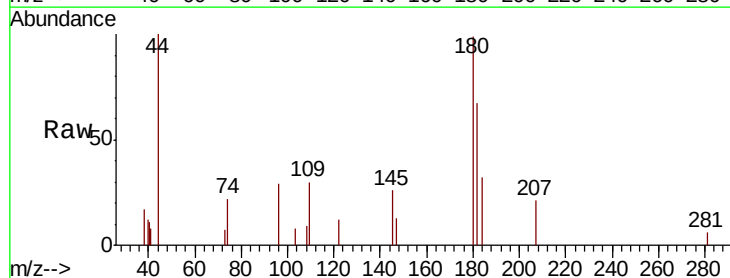


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

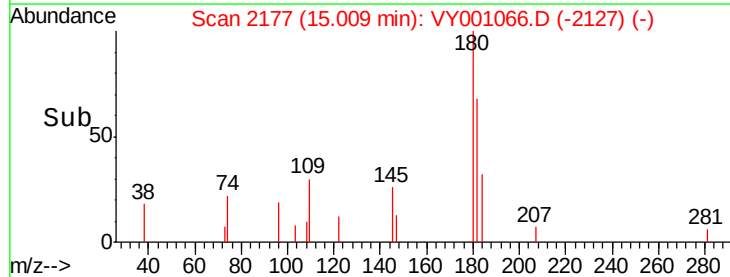
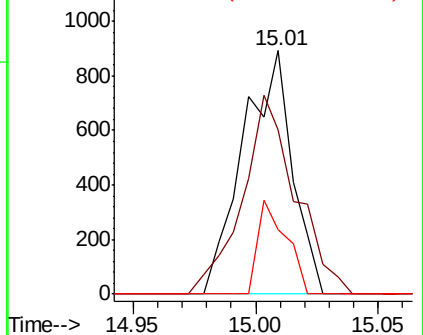


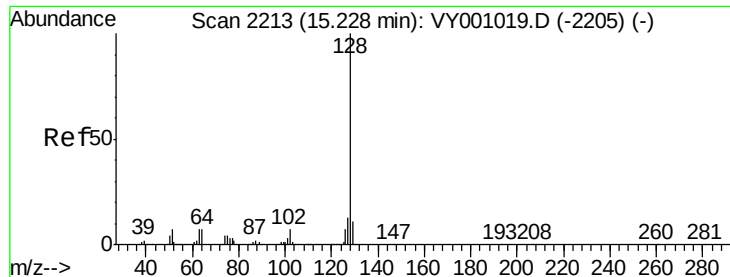
#93
 1,2,4-Trichlorobenzene
 Concen: 2.907 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY001066.D
 Acq: 26 Dec 2019 13:02

Tgt Ion:180 Resp: 1258
 Ion Ratio Lower Upper
 180 100
 182 88.4 46.8 140.3
 145 22.3 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.647 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001066.D

Acq: 26 Dec 2019 13:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(0-2)

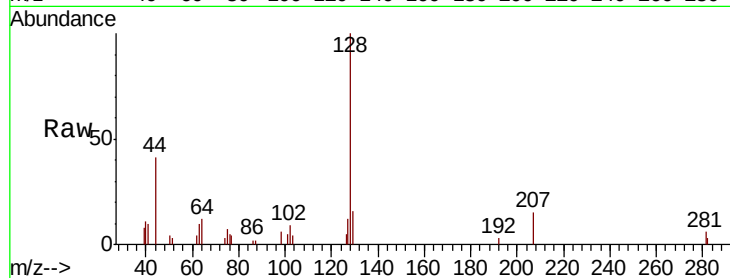
Tot Ion:128 Resp: 3712

Ion Ratio Lower Upper

128 100

127 8.5 9.9 14.9#

129 12.7 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

