

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001316.D
 Acq On : 20 Jan 2020 22:56
 Operator : SY/MD
 Sample : L1211-03
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:06:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

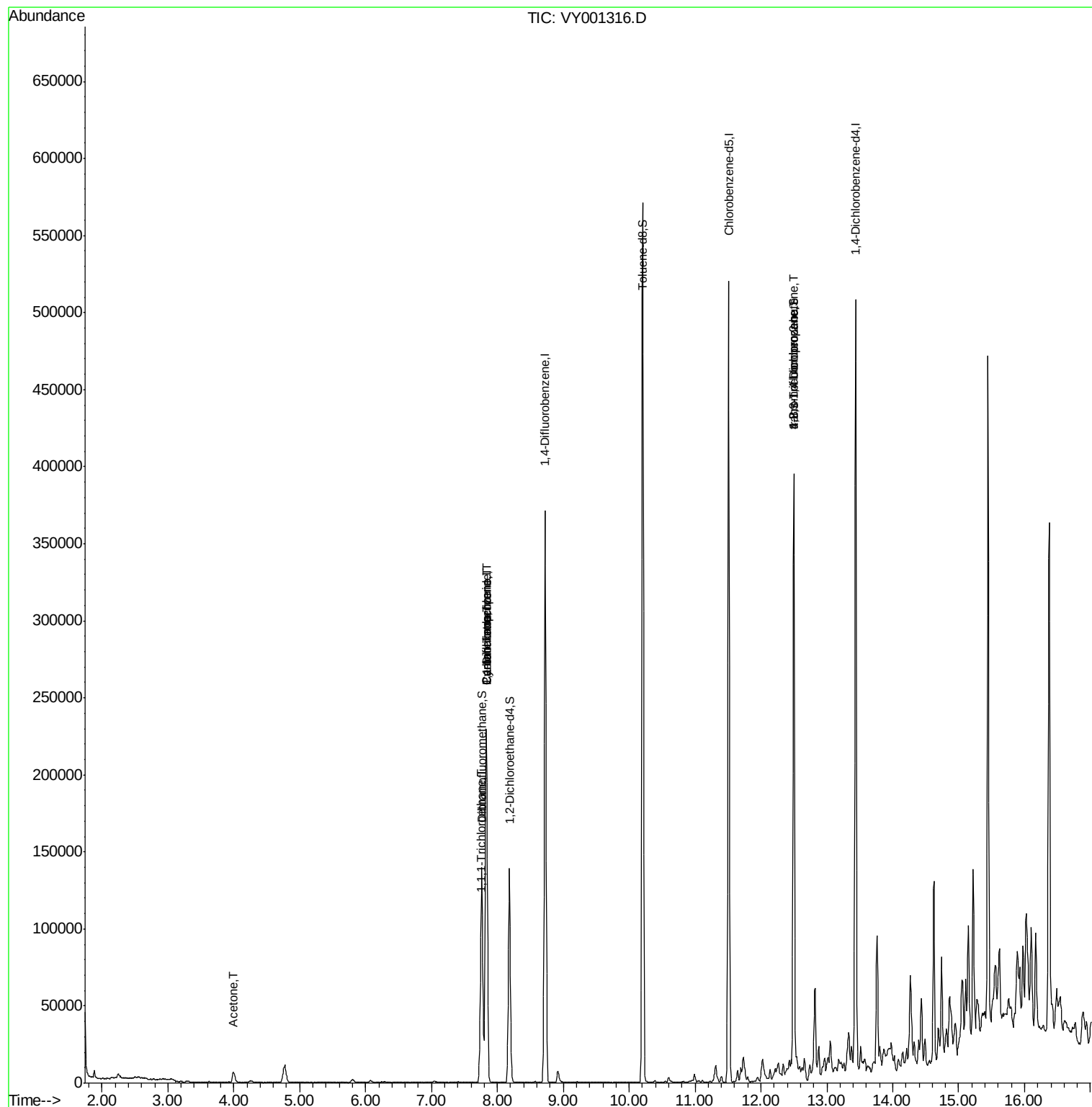
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	177059	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	315574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	279128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	101445	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.76	113	92824	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.21	98	369733	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.50	95	129107	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	3.99	43	12262	28.234	ug/l	95
20) Methylene Chloride	4.77	84	8719	Below Cal		97
31) Cyclohexane	7.83	56	3725	1.030	ug/l #	1
32) 1,1,1-Trichloroethane	7.74	97	8331	2.805	ug/l	96
36) 1,1-Dichloropropene	7.83	75	13680	4.756	ug/l #	49
38) Carbon Tetrachloride	7.83	117	17250	6.544	ug/l #	15
76) 1,2,3-Trichloropropane	12.50	75	63104	48.368	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	63104	82.022	ug/l #	6

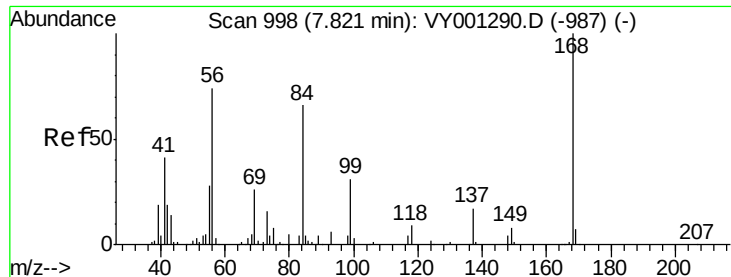
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

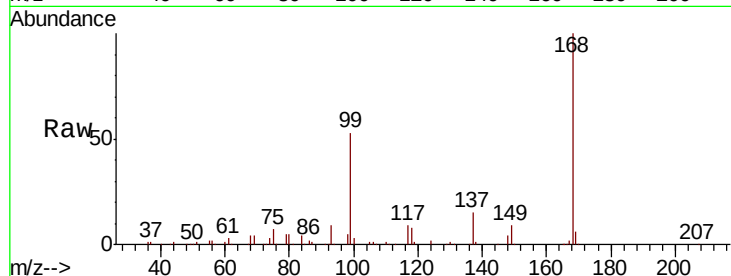
ClientSampleId :

Tot Ion:168 Resp: 177059

Ion Ratio Lower Upper

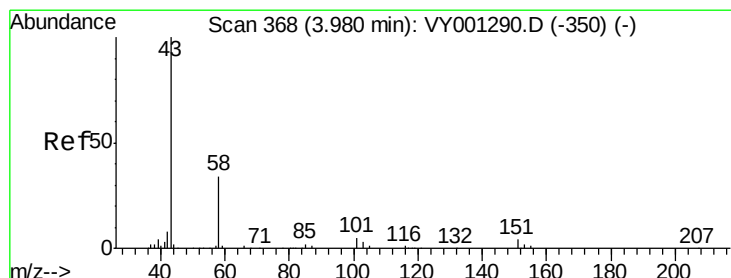
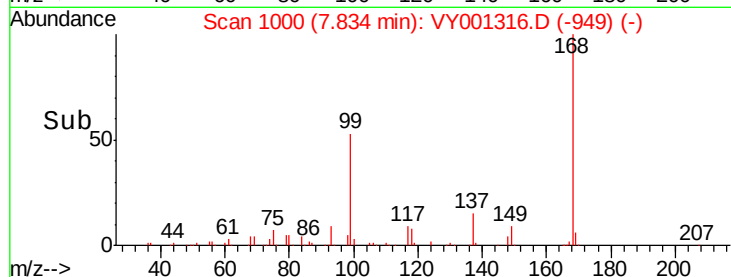
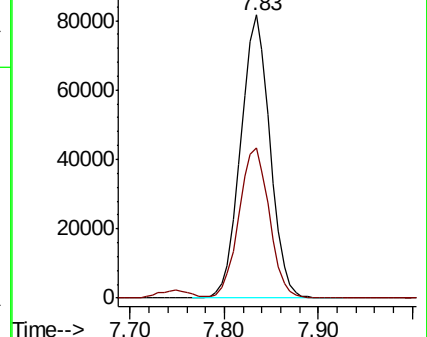
168 100

99 52.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)



#16

Acetone

Concen: 28.234 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001316.D

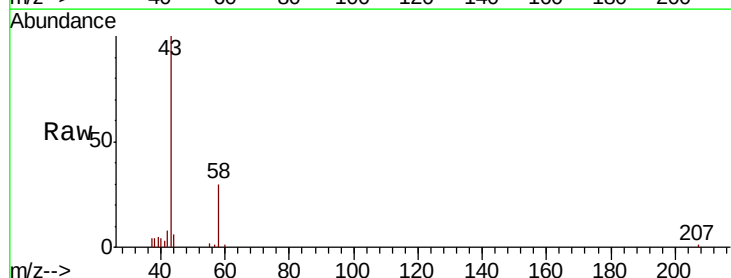
Acq: 20 Jan 2020 22:56

Tgt Ion: 43 Resp: 12262

Ion Ratio Lower Upper

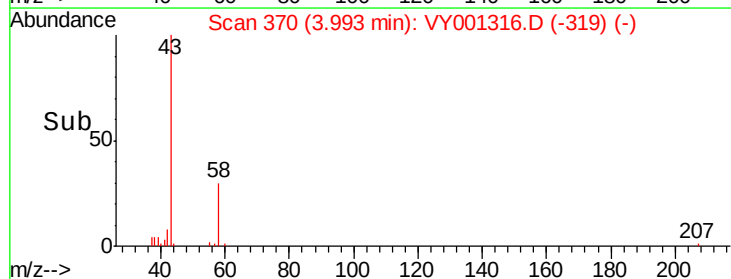
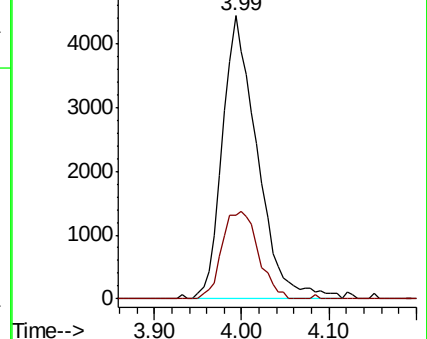
43 100

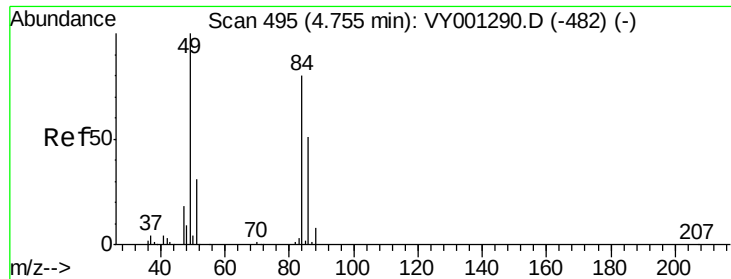
58 29.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)

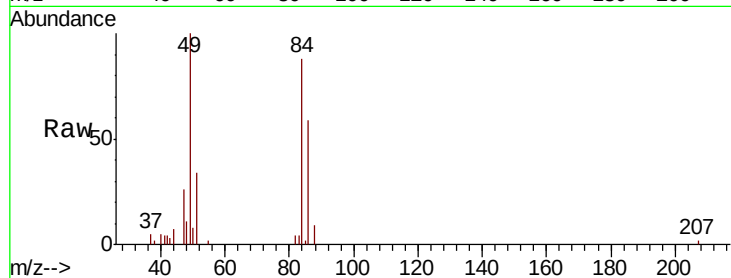




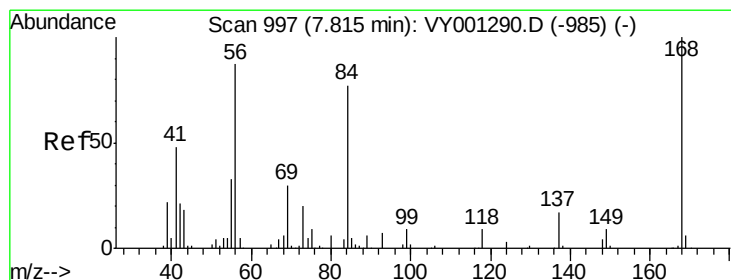
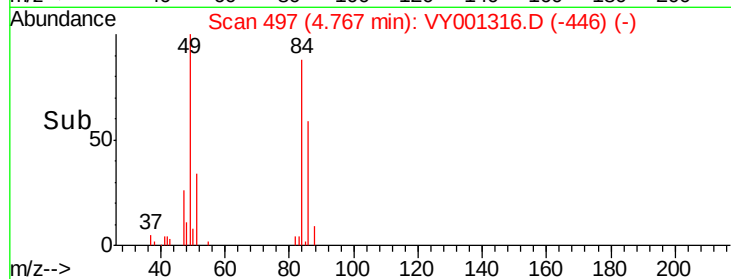
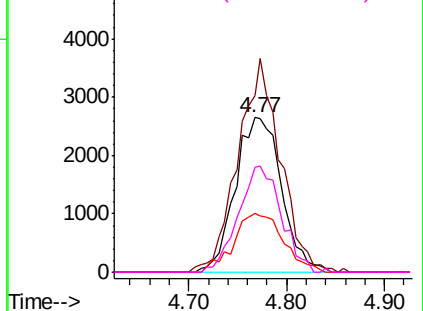
#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	8719
Ion	Ratio	Lower	Upper
84	100		
49	114.0	93.8	140.6
51	38.3	29.9	44.9
86	67.7	52.6	78.8

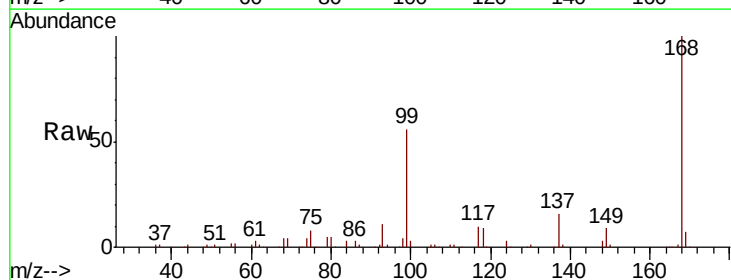


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

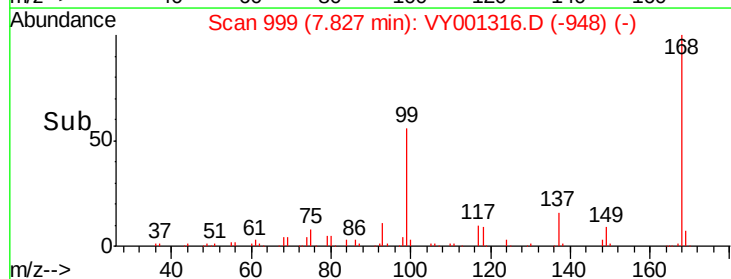
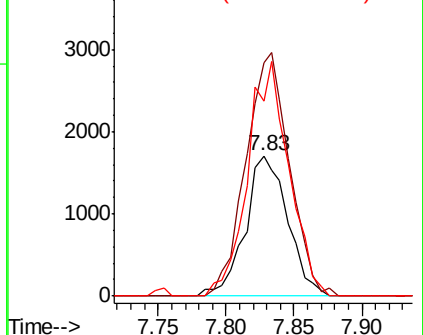


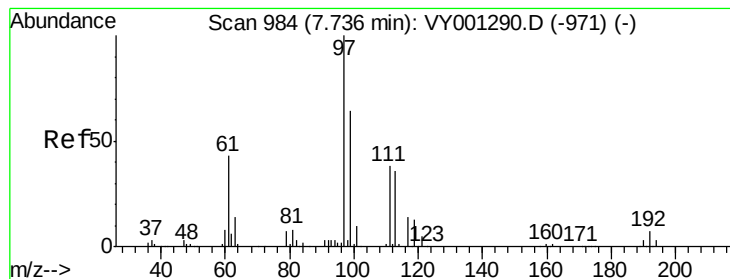
#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.01 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

Tgt Ion:	56	Resp:	3725
Ion	Ratio	Lower	Upper
56	100		
69	166.7	27.8	41.8#
84	139.0	68.9	103.3#



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





#32

1,1,1-Trichloroethane

Concen: 2.805 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

ClientSampled :

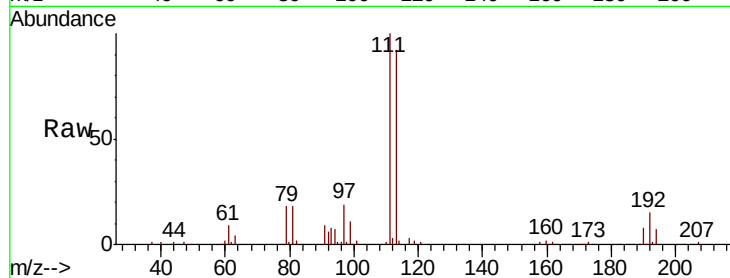
Tot Ion: 97 Resp: 8331

Ion Ratio Lower Upper

97 100

99 66.5 51.3 76.9

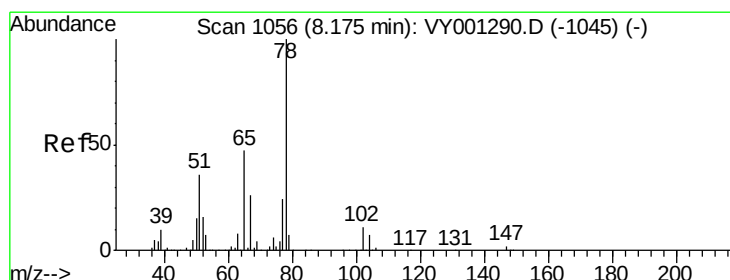
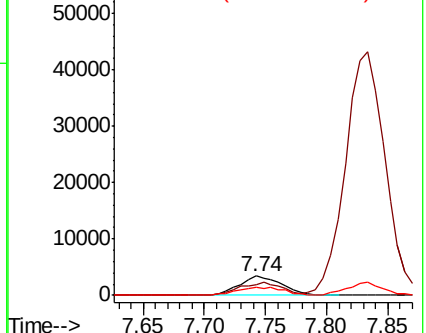
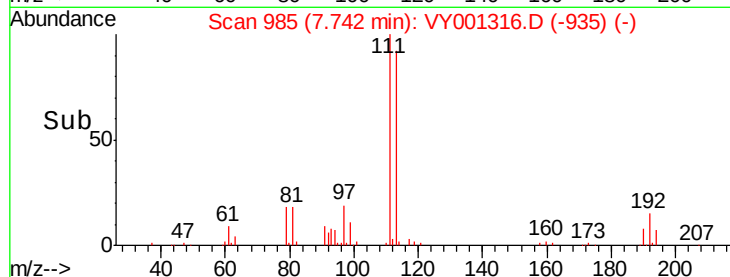
61 46.6 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VY001316.D (-935) (-)

Ion 98.90 (98.60 to 99.60): VY001316.D (-935) (-)

Ion 60.90 (60.60 to 61.60): VY001316.D (-935) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.247 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001316.D

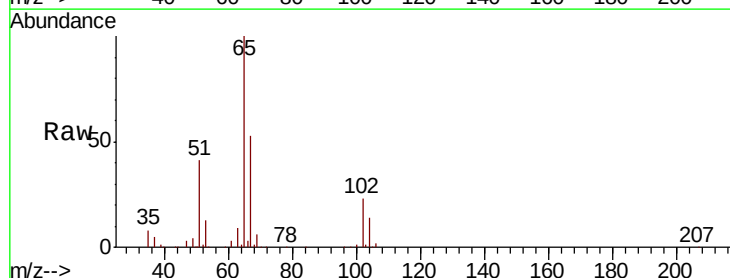
Acq: 20 Jan 2020 22:56

Tgt Ion: 65 Resp: 101445

Ion Ratio Lower Upper

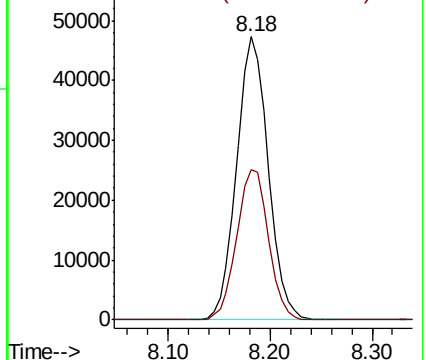
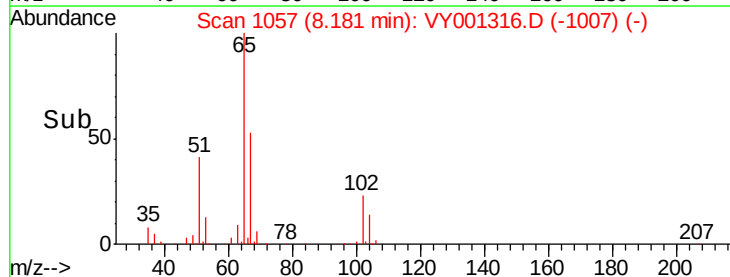
65 100

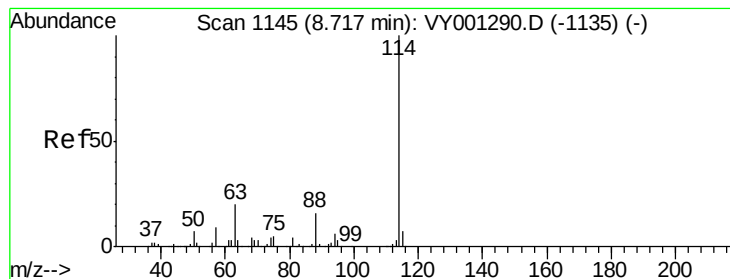
67 53.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001316.D (-1007) (-)

Ion 66.90 (66.60 to 67.60): VY001316.D (-1007) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

ClientSampleId :

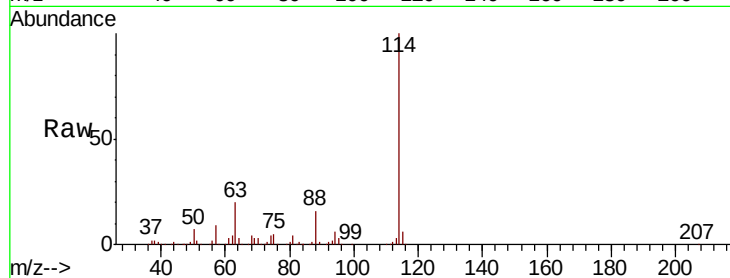
Tot Ion:114 Resp: 315574

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

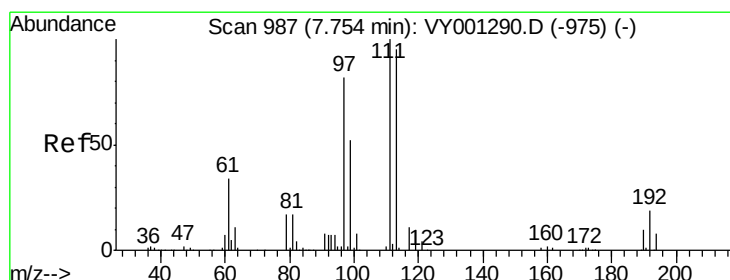
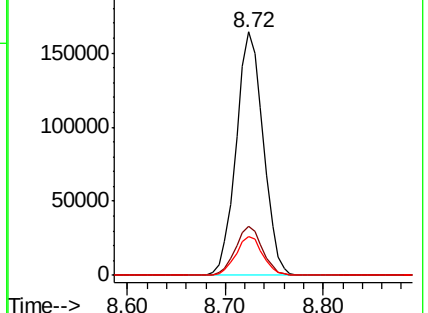
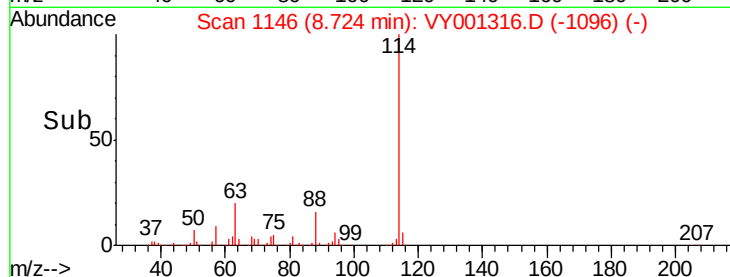
88 16.1 0.0 32.4



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: 50.238 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

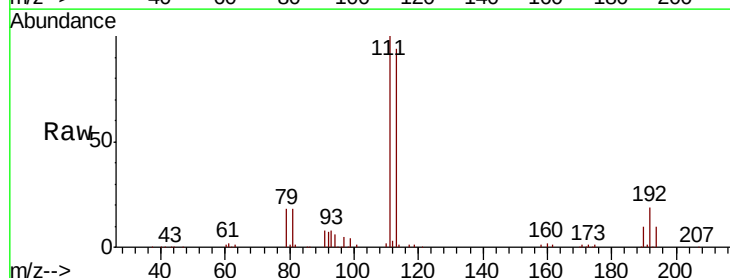
Tgt Ion:113 Resp: 92824

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

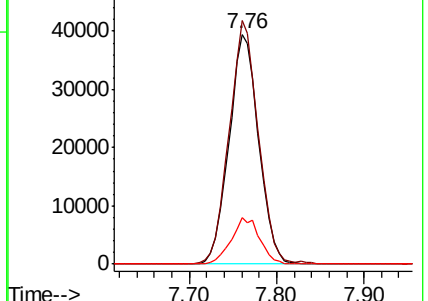
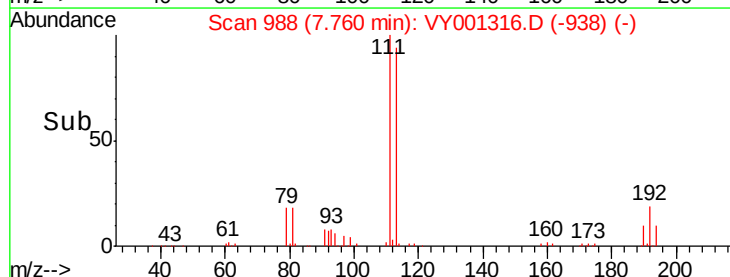
192 19.5 15.4 23.2

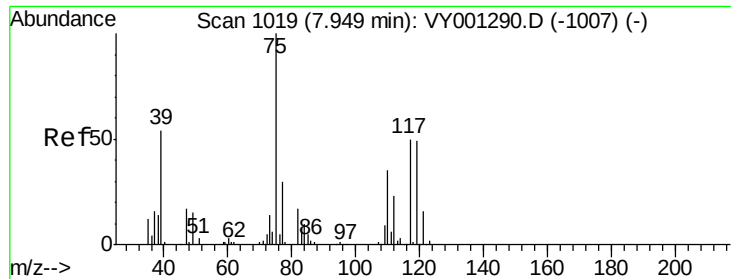


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

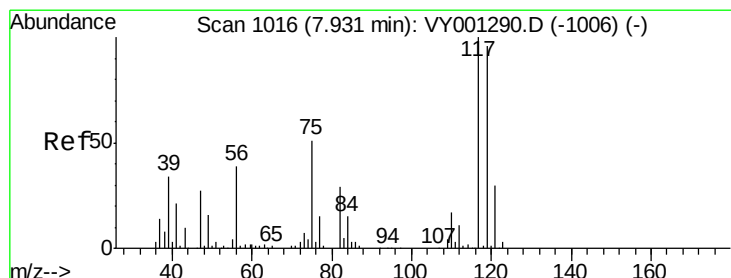
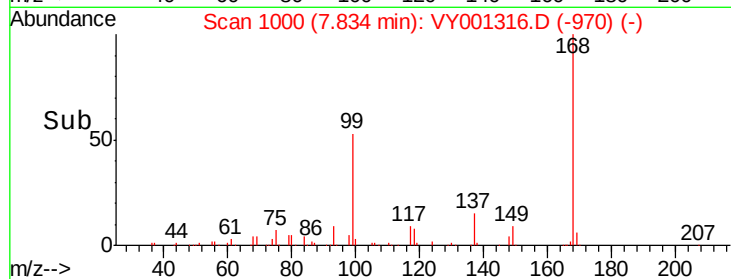
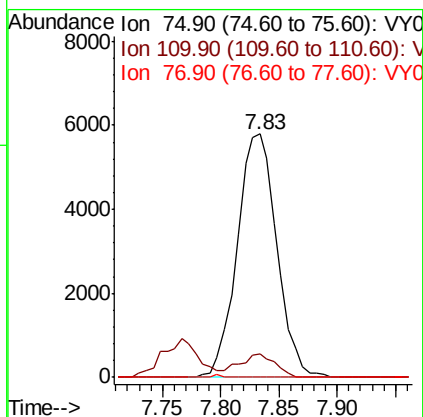
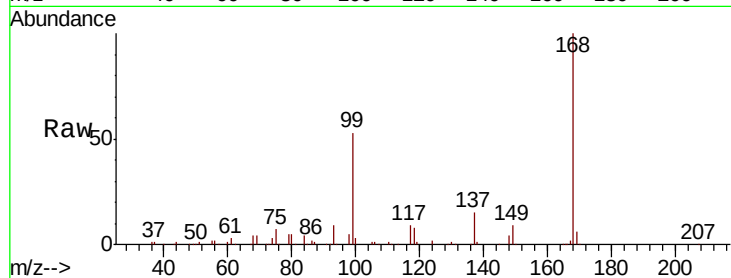




#36
 1,1-Dichloropropene
 Concen: 4.756 ug/l
 RT: 7.83 min Scan# 1000
 Delta R.T. -0.12 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

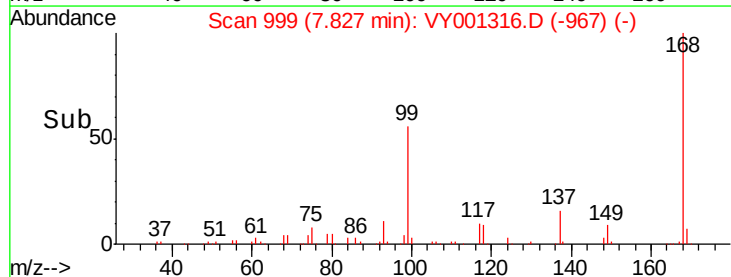
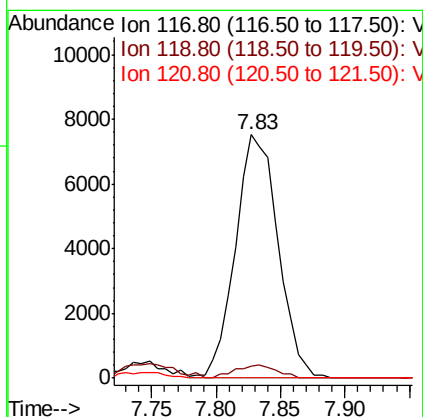
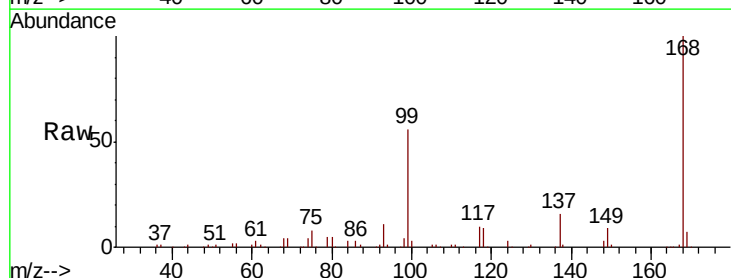
Instrument :
 MSVOA_Y
 ClientSampled :

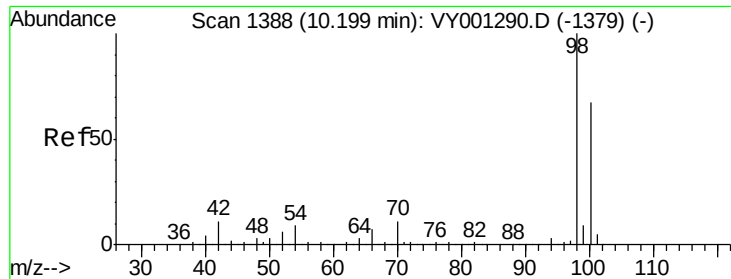
Tot Ion: 75 Resp: 13680
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.544 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

Tgt Ion: 117 Resp: 17250
 Ion Ratio Lower Upper
 117 100
 119 4.7 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.933 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

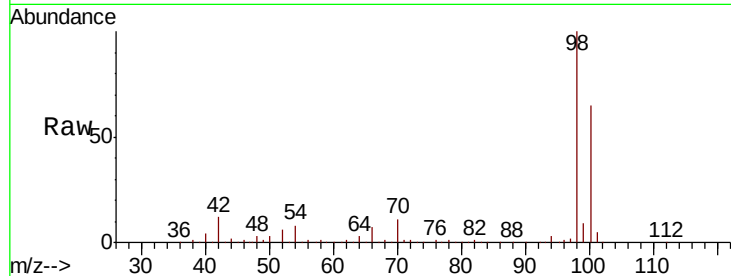
ClientSampleId :

Tot Ion: 98 Resp: 369733

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

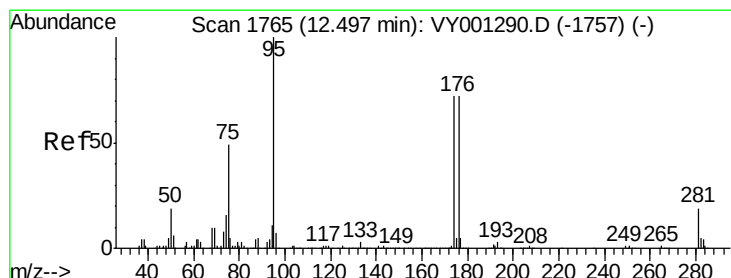
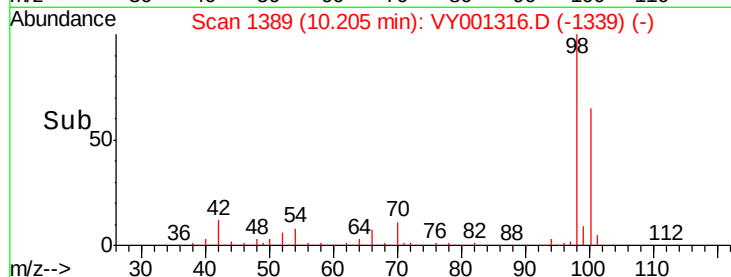
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 44.357 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

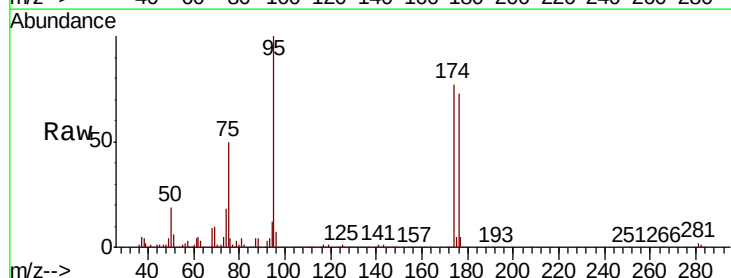
Tgt Ion: 95 Resp: 129107

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.2

176 72.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

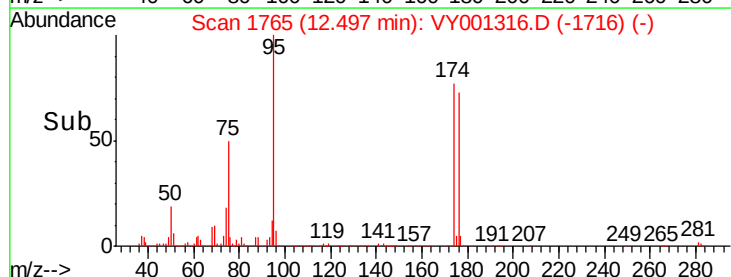
0

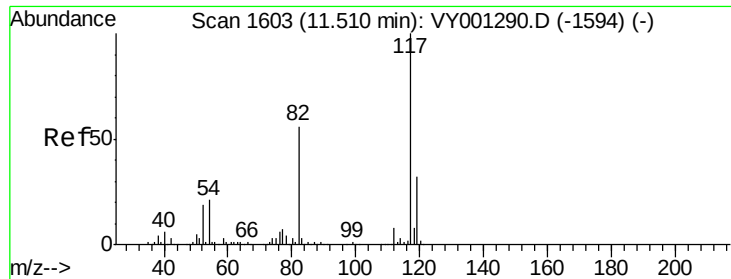
12.45

12.50

12.55

Time-->

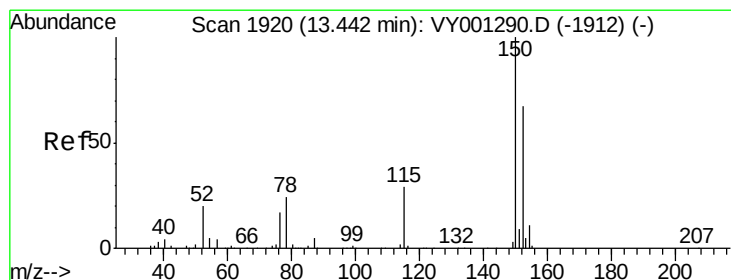
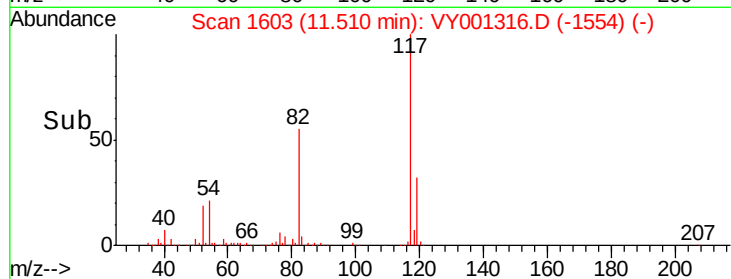
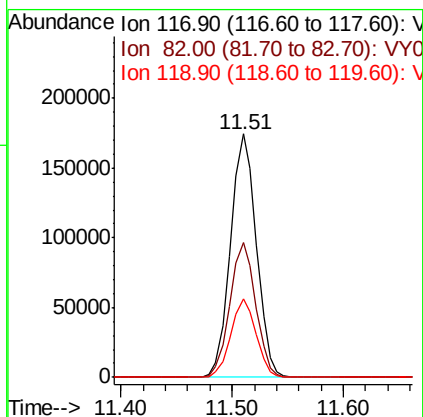
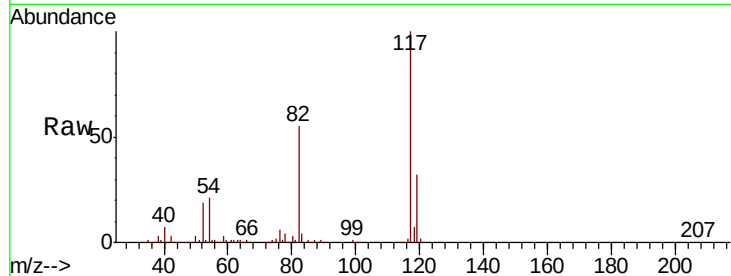




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

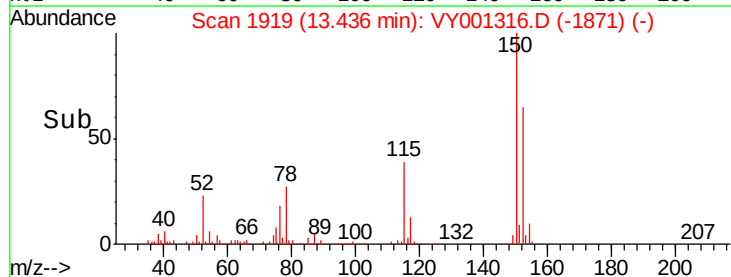
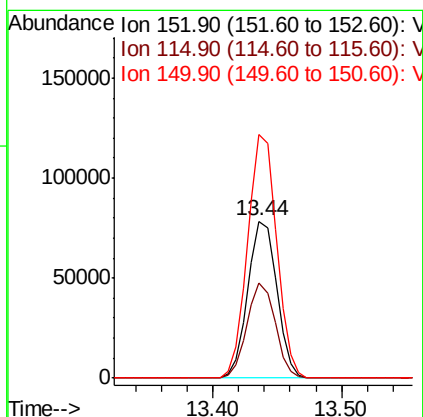
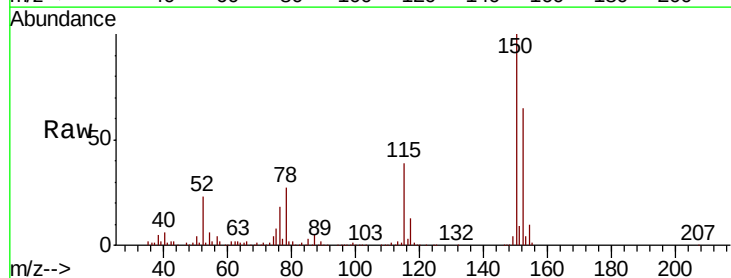
Instrument :
MSVOA_Y
ClientSampleId :

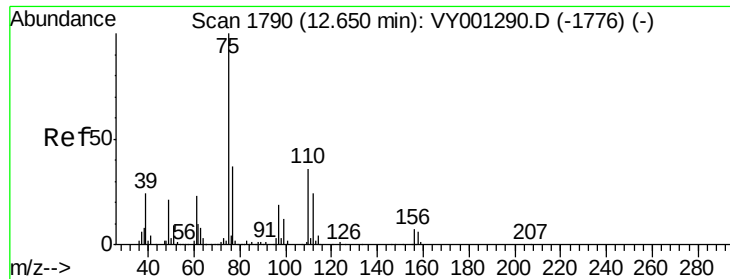
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	32.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.9	92.5
150	154.9	0.0	346.8

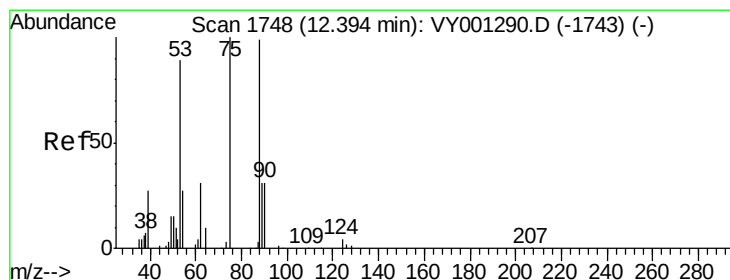
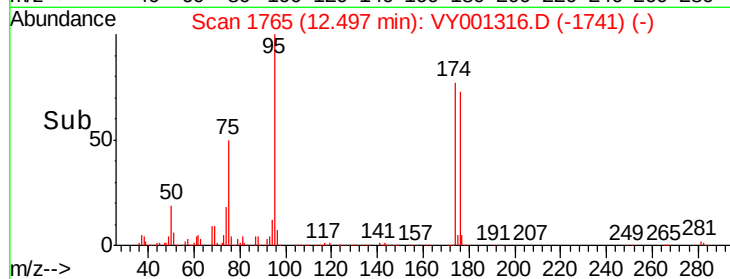
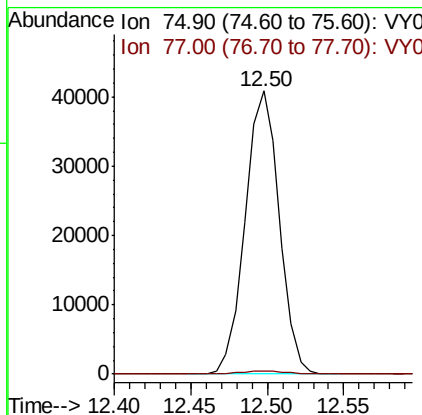
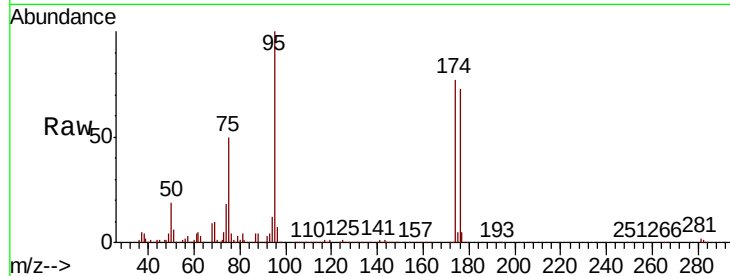




#76
 1,2,3-Trichloropropane
 Concen: 48.368 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.15 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 63104
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.022 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.10 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

Tgt Ion: 75 Resp: 63104
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.2#
 89 0.1 0.0 0.0#

