

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000415.D
 Acq On : 24 Oct 2019 17:22
 Operator : SY/MD
 Sample : K5499-20
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:41:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

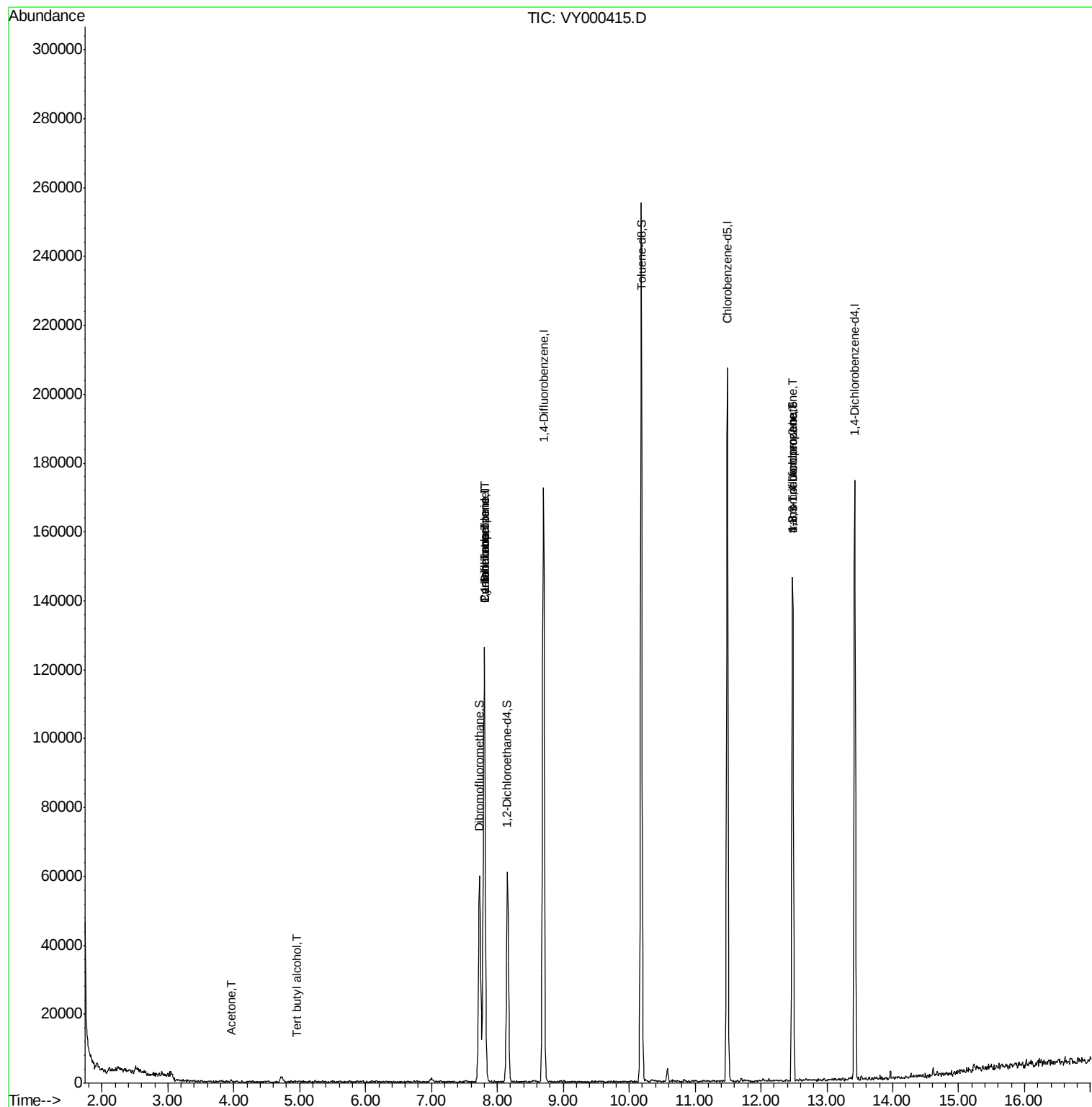
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	94925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	146334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	111461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	48414	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.73	113	40030	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	10.18	98	161652	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	43137	33.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	267	2.548	ug/l #	73
16) Acetone	3.96	43	534	1.647	ug/l #	83
20) Methylene Chloride	4.73	84	699	Below Cal	#	61
31) Cyclohexane	7.80	56	2486	1.298	ug/l #	52
36) 1,1-Dichloropropene	7.80	75	7824	5.461	ug/l #	50
38) Carbon Tetrachloride	7.81	117	9474	6.830	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	23070	44.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	23070	96.359	ug/l #	14

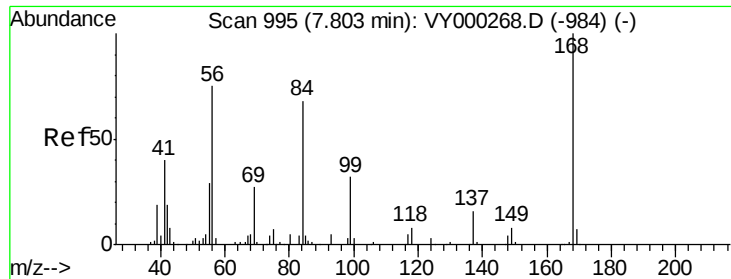
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 25 06:41:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

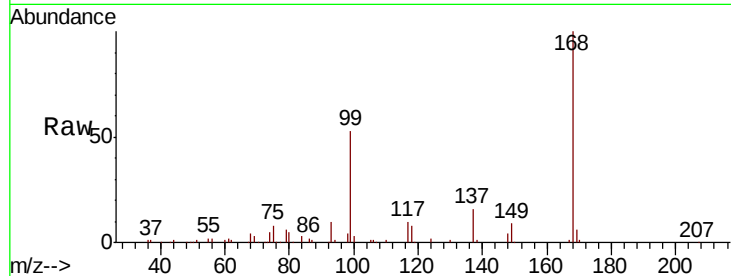
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 94925

Ion Ratio Lower Upper

168 100

99 53.1 46.6 69.8

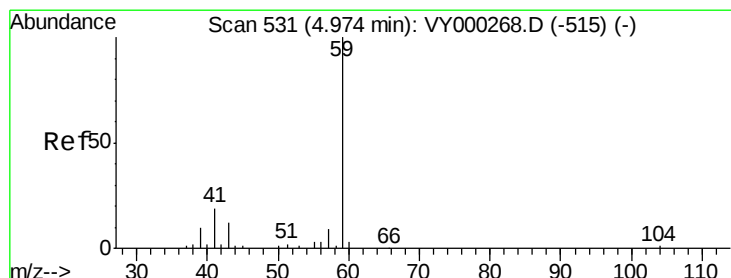
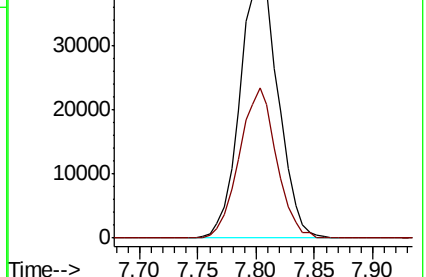
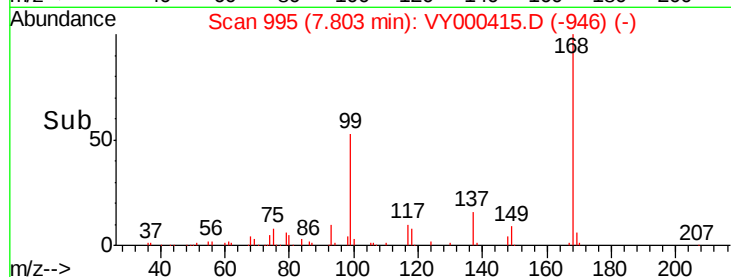


Abundance Ion 167.90 (167.60 to 168.60): VY000415.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000415.D (-946) (-)

7.80

Time-->



#11

Tert butyl alcohol

Concen: 2.548 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000415.D

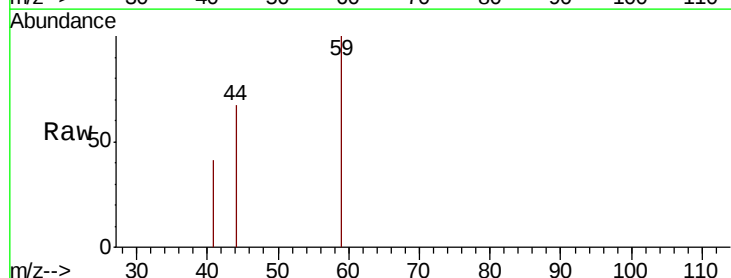
Acq: 24 Oct 2019 17:22

Tgt Ion: 59 Resp: 267

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

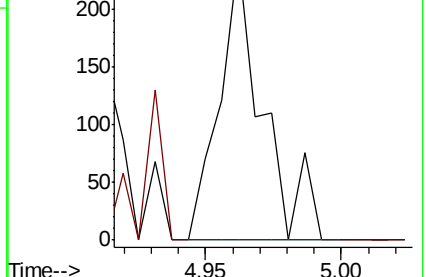
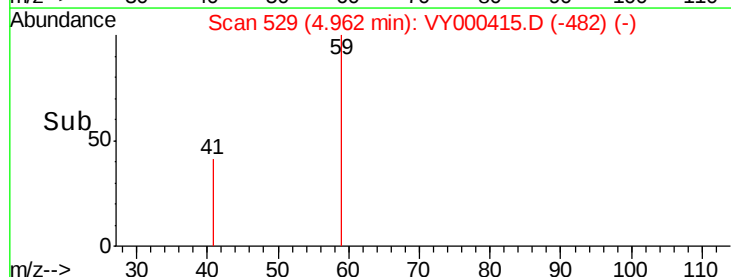


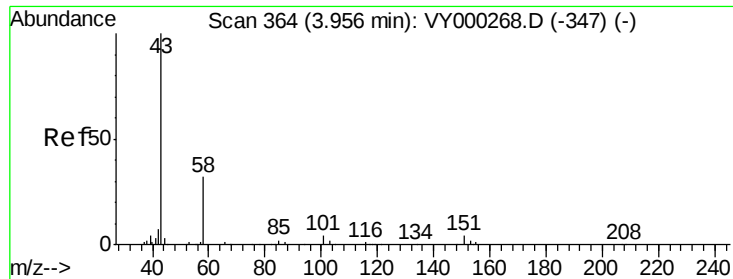
Abundance Ion 59.00 (58.70 to 59.70): VY000415.D (-482) (-)

Ion 57.00 (56.70 to 57.70): VY000415.D (-482) (-)

4.96

Time-->





#16

Acetone

Concen: 1.647 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

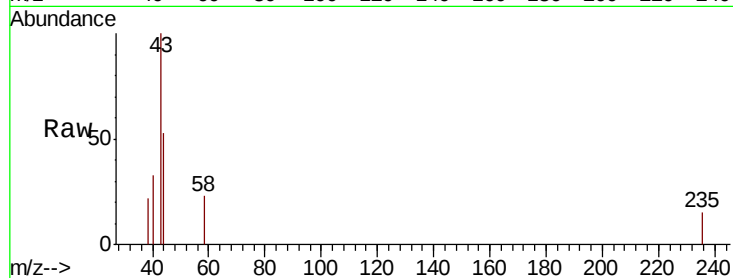
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 534

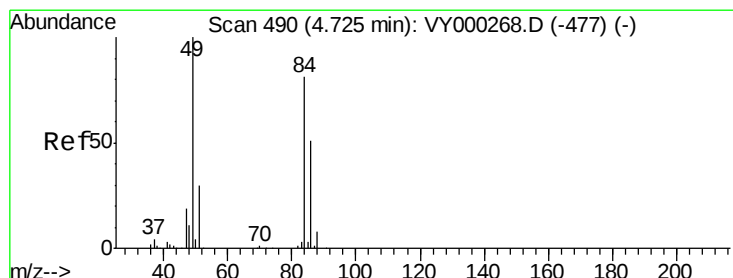
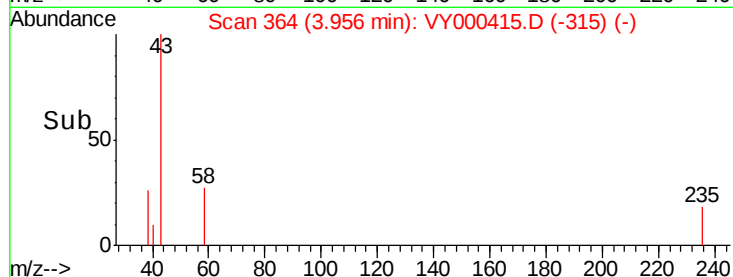
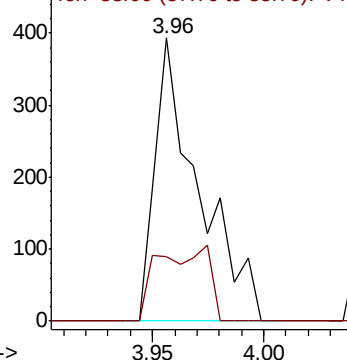
Ion Ratio Lower Upper

43 100

58 22.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

Tgt Ion: 84 Resp: 699

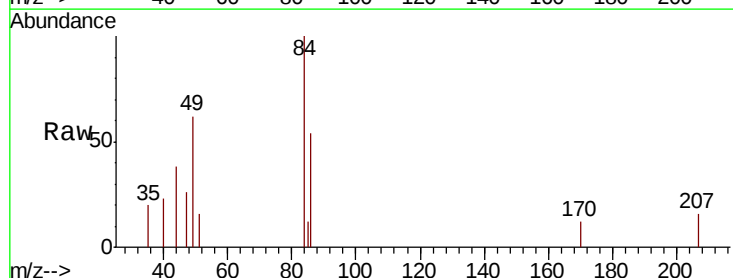
Ion Ratio Lower Upper

84 100

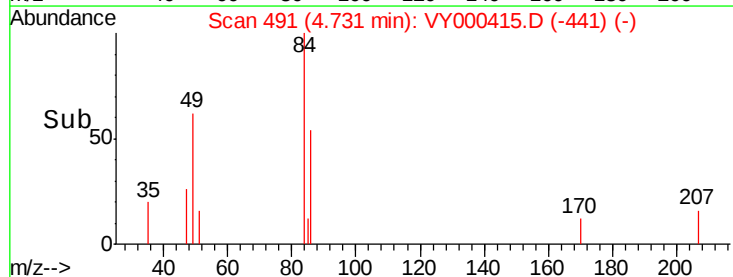
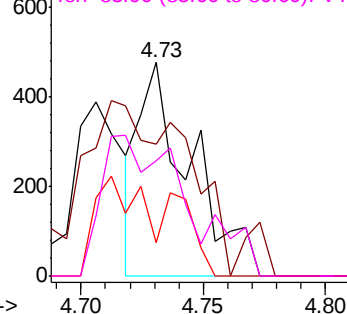
49 61.8 99.0 148.4#

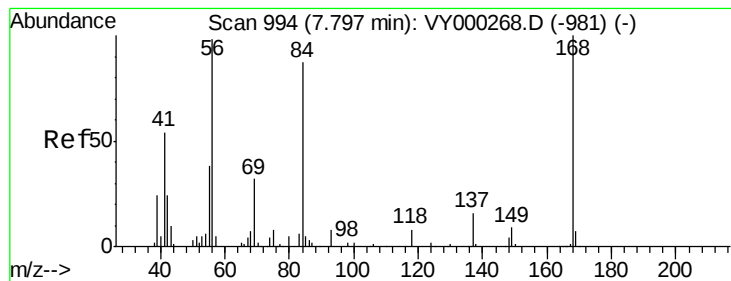
51 15.8 29.3 43.9#

86 54.0 50.2 75.4



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: 1.298 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

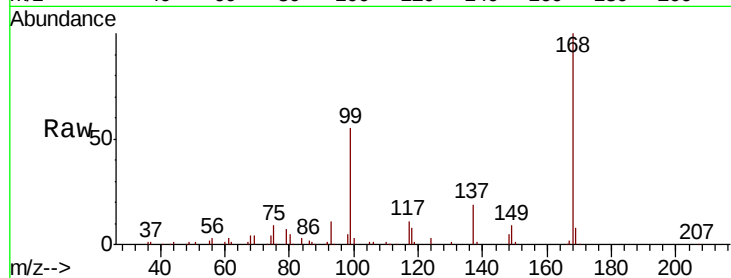
Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

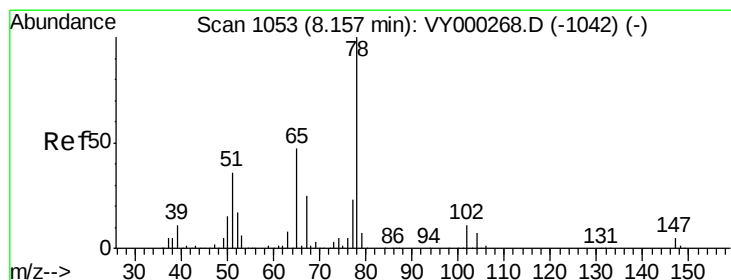
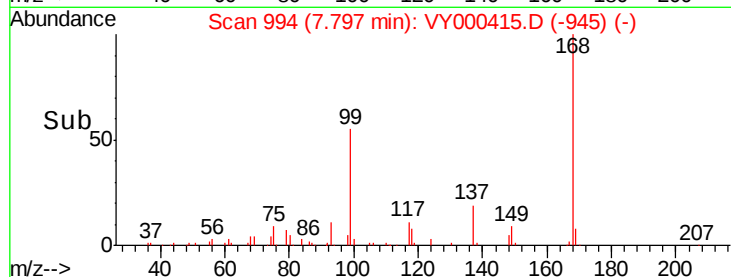
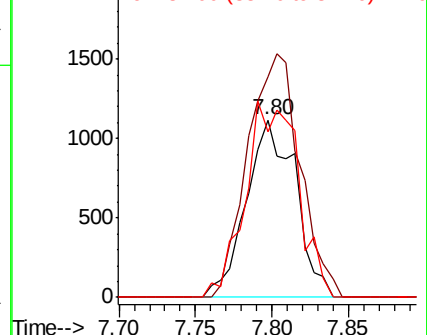
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 2486

Ion	Ratio	Lower	Upper
56	100		
69	124.2	26.3	39.5#
84	93.5	70.8	106.2



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



#33

1,2-Dichloroethane-d4

Concen: 48.351 ug/l

RT: 8.16 min Scan# 1053

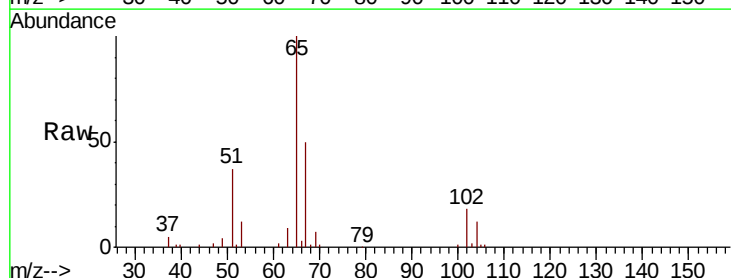
Delta R.T. -0.00 min

Lab File: VY000415.D

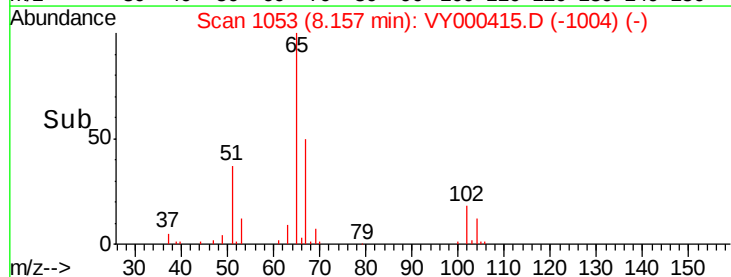
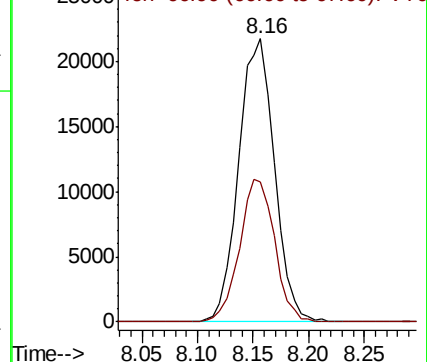
Acq: 24 Oct 2019 17:22

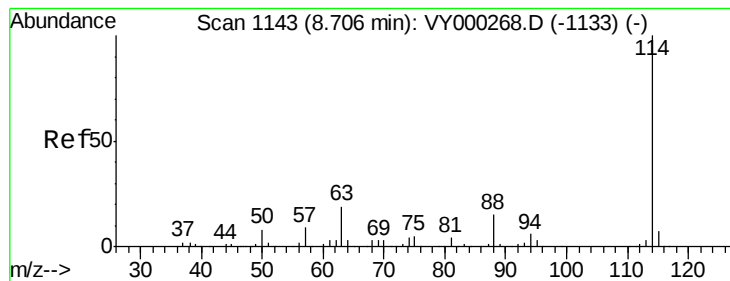
Tgt Ion: 65 Resp: 48414

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

Instrument :

MSVOA_Y

ClientSampleId :

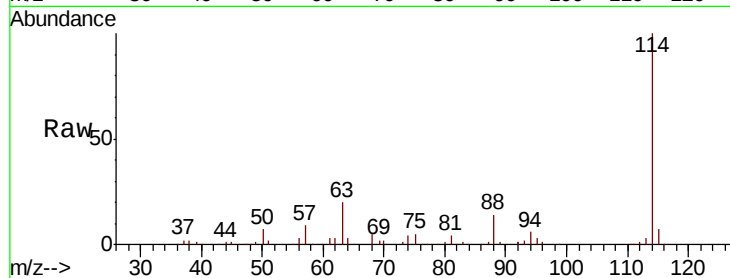
Tot Ion:114 Resp: 146334

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

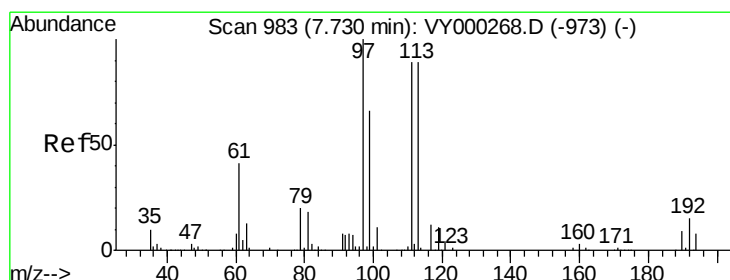
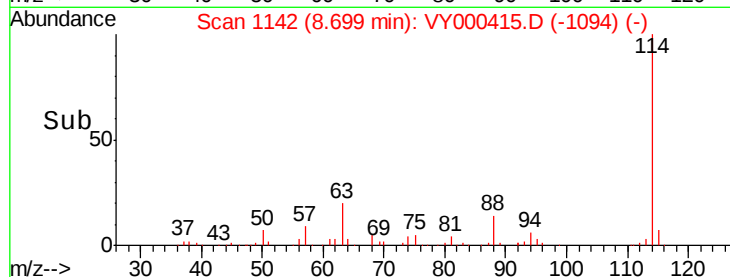
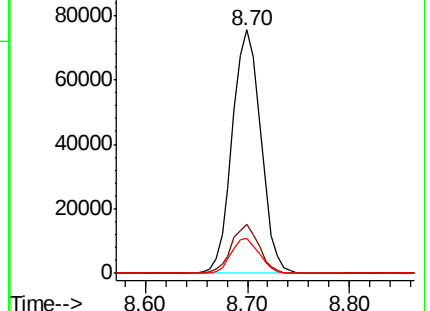
88 14.1 0.0 30.2



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: 45.350 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

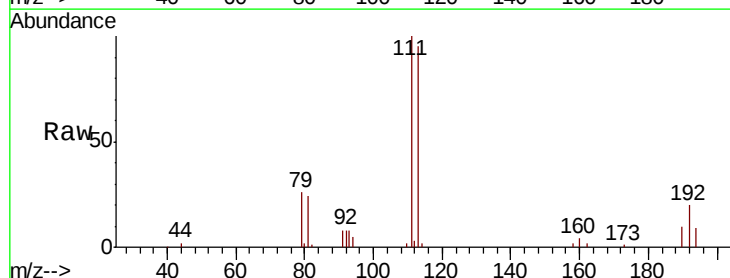
Tgt Ion:113 Resp: 40030

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

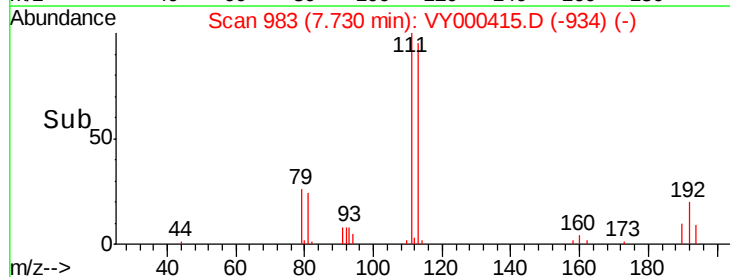
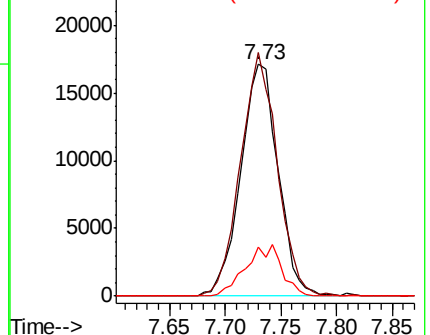
192 21.2 15.3 22.9

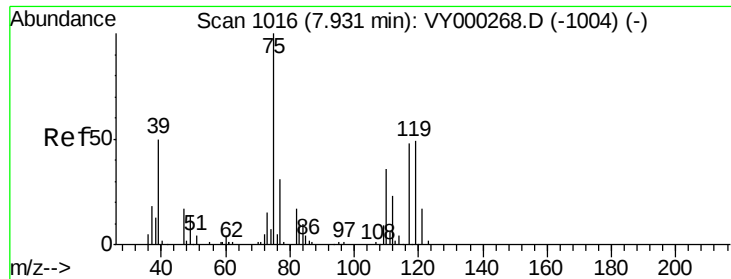


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

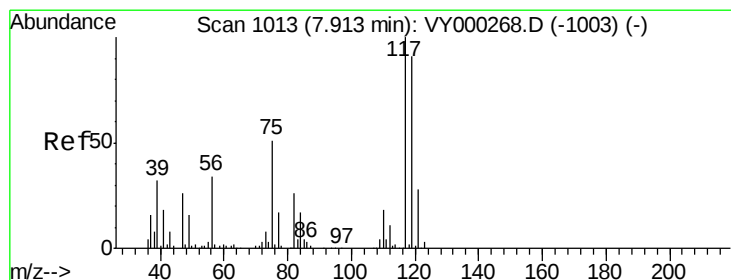
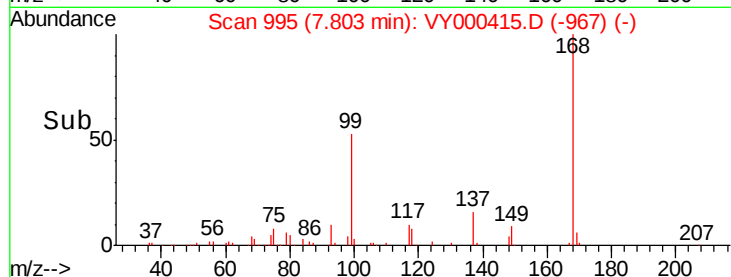
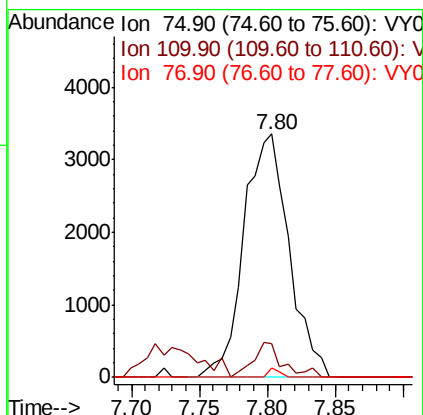
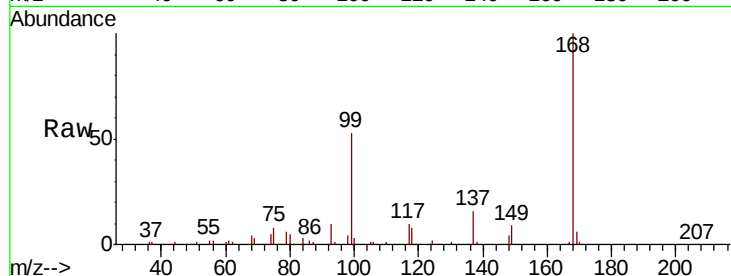




#36
 1,1-Dichloropropene
 Concen: 5.461 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000415.D
 Acq: 24 Oct 2019 17:22

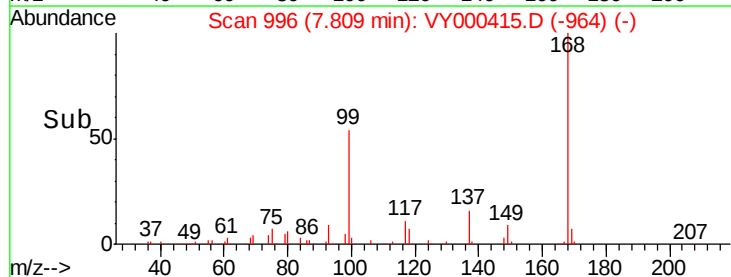
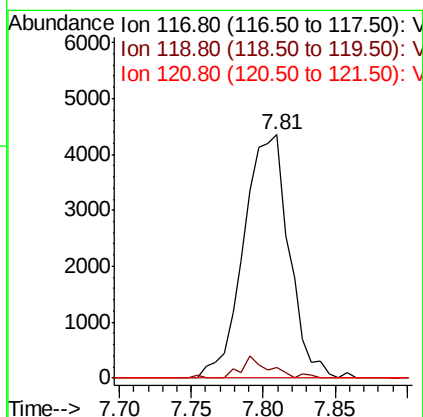
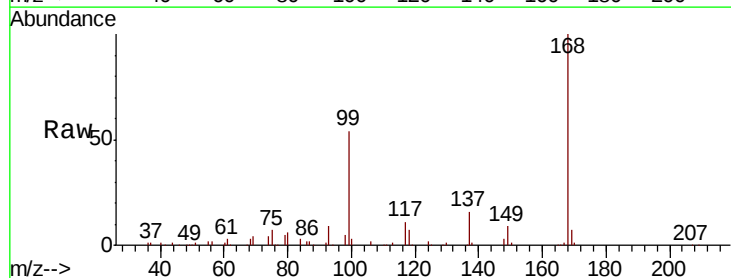
Instrument :
 MSVOA_Y
 ClientSampled :

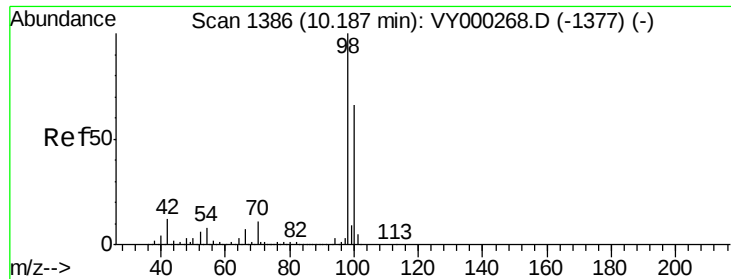
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.4#
77	1.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.830 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY000415.D
 Acq: 24 Oct 2019 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

Instrument :

MSVOA_Y

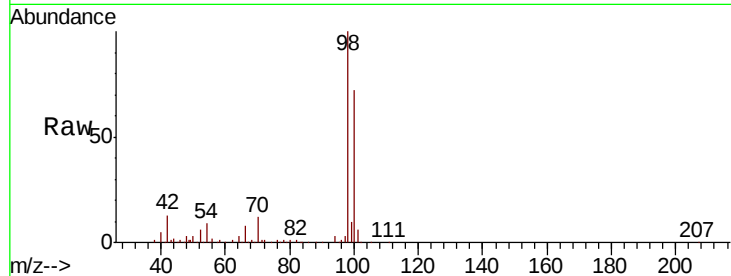
ClientSampled :

Tot Ion: 98 Resp: 161652

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

80000

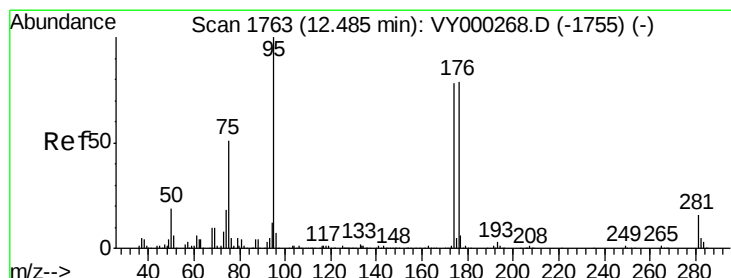
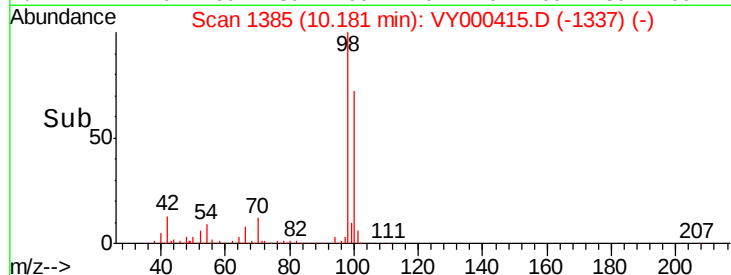
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.440 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

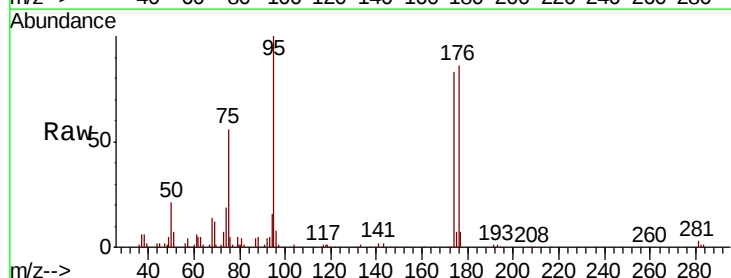
Tgt Ion: 95 Resp: 43137

Ion Ratio Lower Upper

95 100

174 85.5 0.0 159.6

176 82.5 0.0 153.8



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

12.48

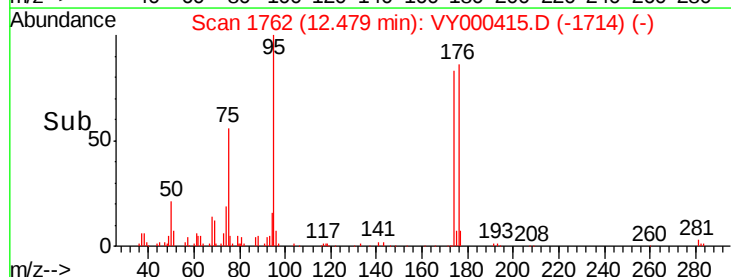
30000

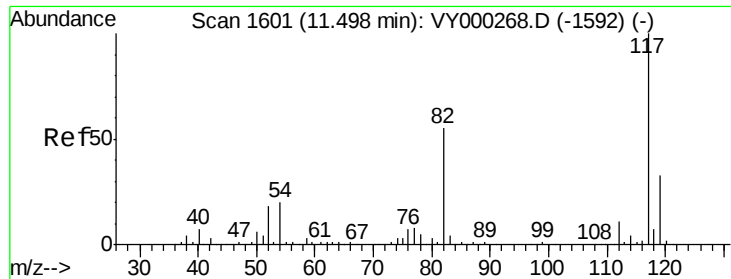
20000

10000

0

Time-->

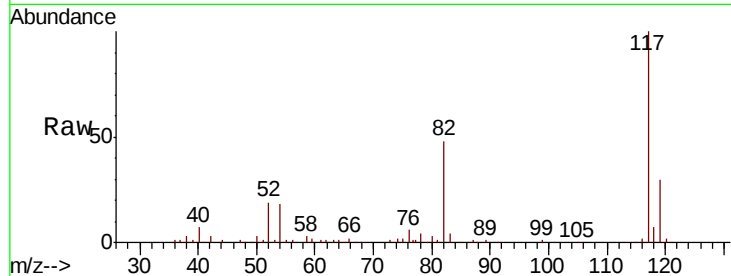




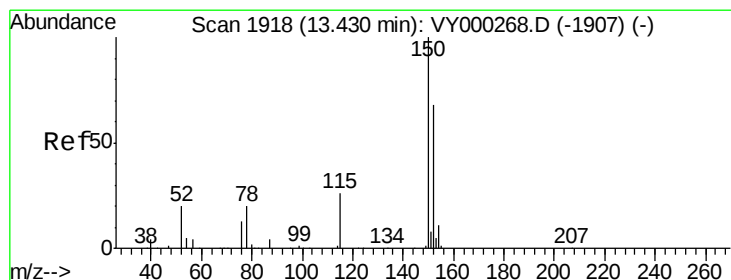
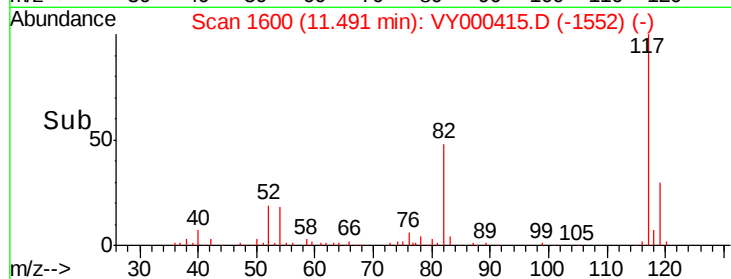
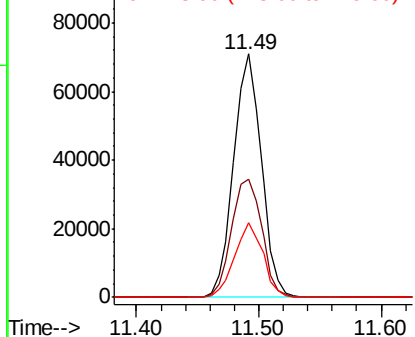
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000415.D
Acq: 24 Oct 2019 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 111461
Ion Ratio Lower Upper
117 100
82 48.3 43.7 65.5
119 30.4 26.6 39.8

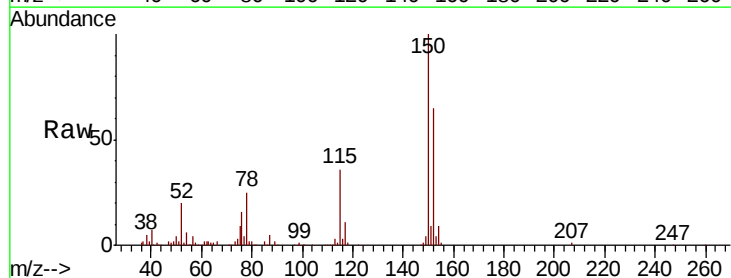


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

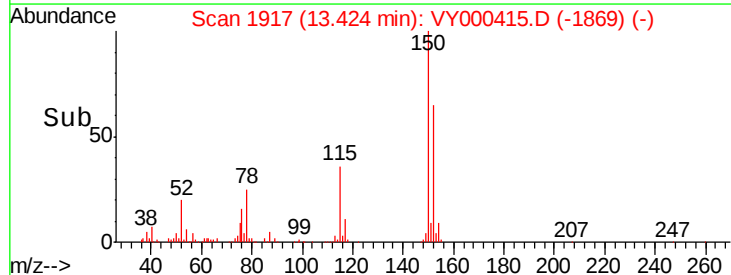
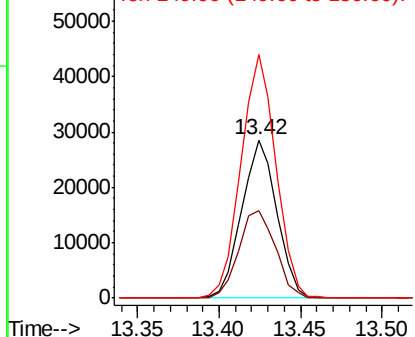


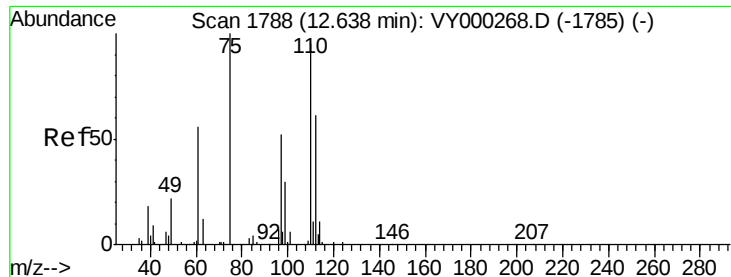
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000415.D
Acq: 24 Oct 2019 17:22

Tgt Ion:152 Resp: 42600
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 154.2 0.0 348.4



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: 44.041 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

Instrument :

MSVOA_Y

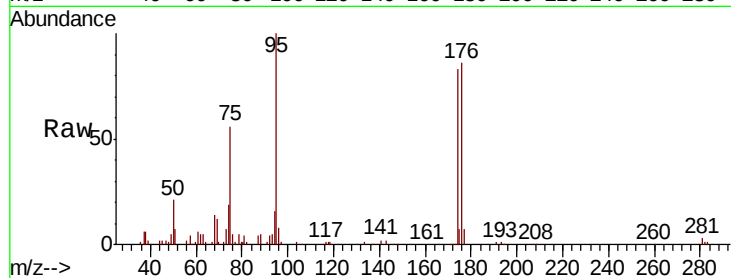
ClientSampleId :

Tot Ion: 75 Resp: 23070

Ion Ratio Lower Upper

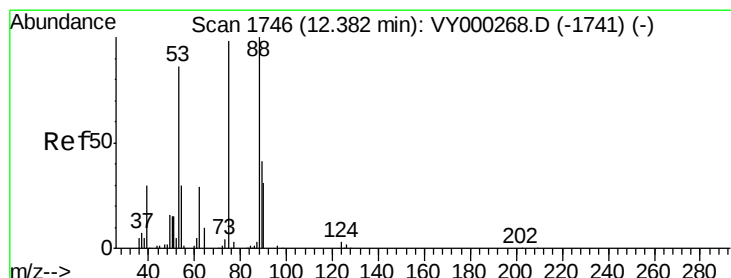
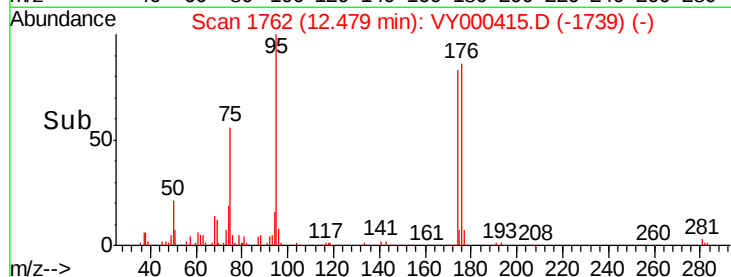
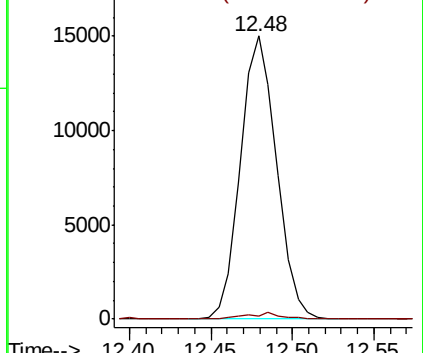
75 100

77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 96.359 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

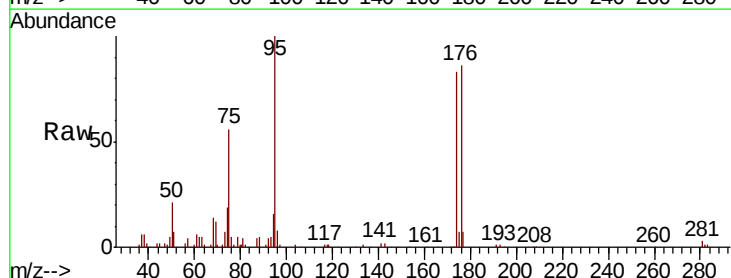
Tgt Ion: 75 Resp: 23070

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 35.1 52.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

