

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000468.D
 Acq On : 29 Oct 2019 12:46
 Operator : SY/MD
 Sample : K5587-02
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:18:01 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

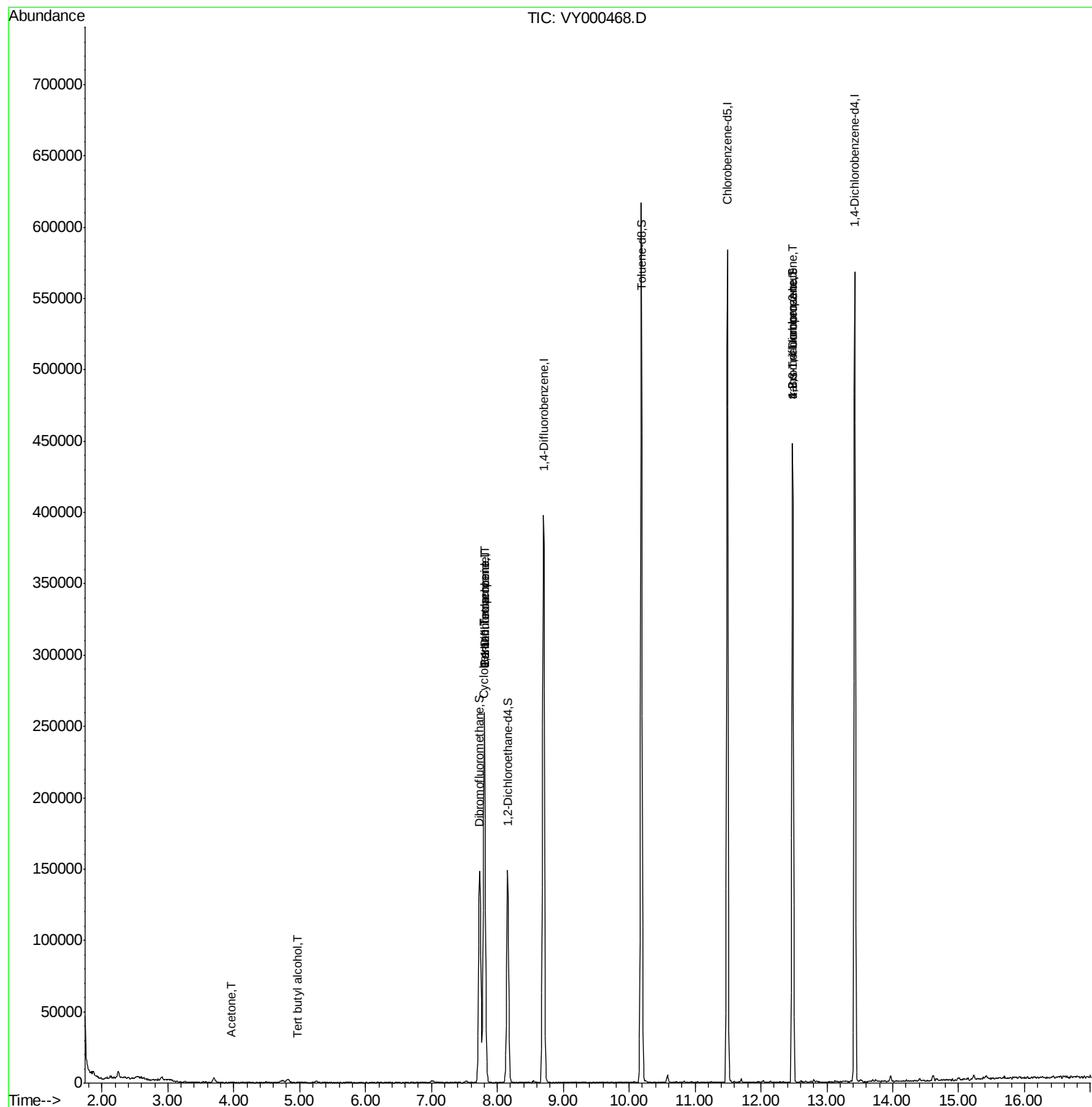
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	345329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	305369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	112889	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.73	113	104180	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.18	98	398614	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.48	95	130038	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	383	1.729	ug/l #	73
16) Acetone	3.96	43	1025	1.496	ug/l #	74
20) Methylene Chloride	4.74	84	1225	Below Cal	#	63
31) Cyclohexane	7.79	56	4807	1.187	ug/l #	16
36) 1,1-Dichloropropene	7.80	75	15208	4.498	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20033	6.120	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	69954	41.476	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69954	90.749	ug/l #	14

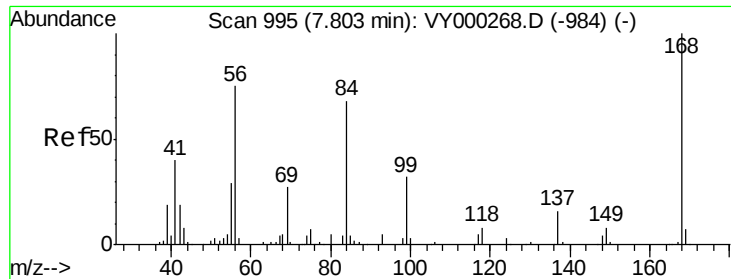
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000468.D

Acq: 29 Oct 2019 12:46

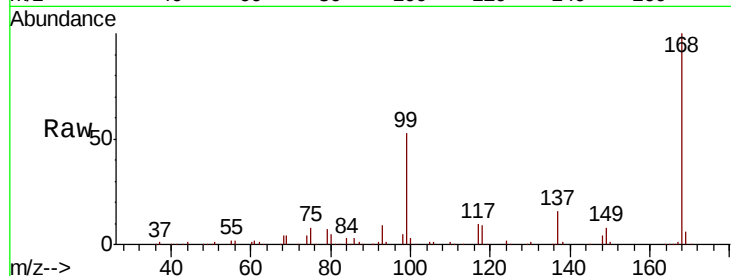
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 200613

Ion Ratio Lower Upper

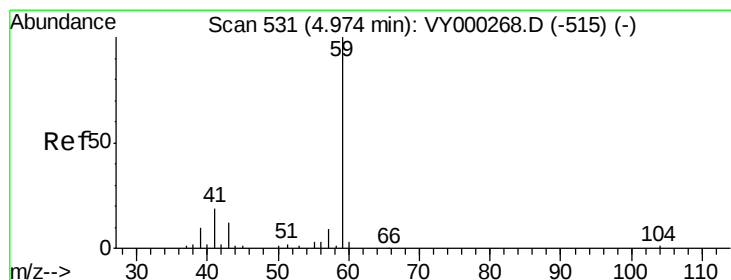
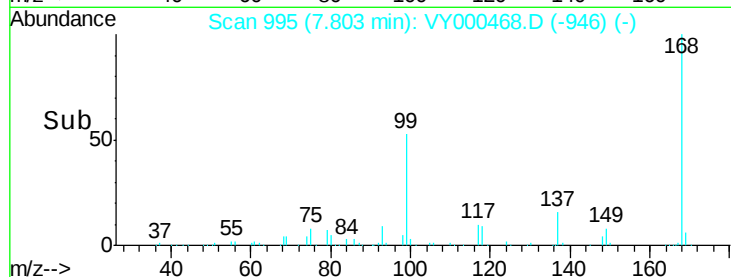
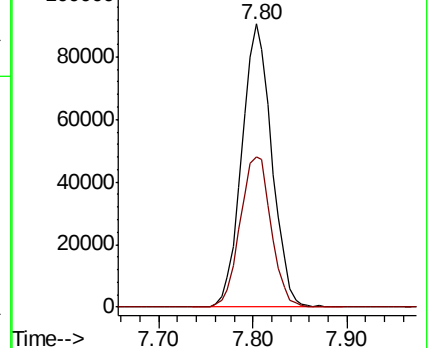
168 100

99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000468.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000468.D (-984) (-)



#11

Tert butyl alcohol

Concen: 1.729 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.00 min

Lab File: VY000468.D

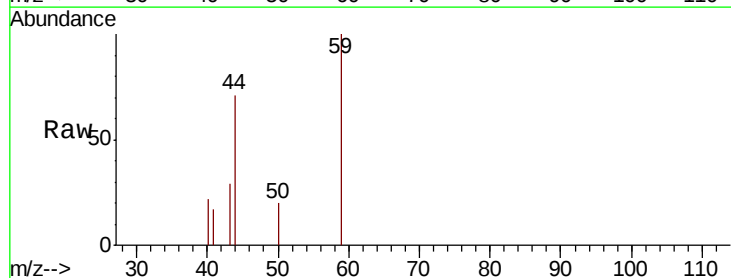
Acq: 29 Oct 2019 12:46

Tgt Ion: 59 Resp: 383

Ion Ratio Lower Upper

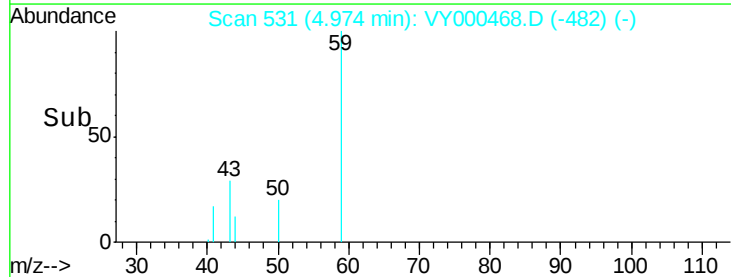
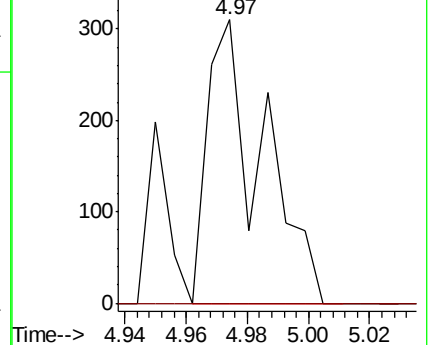
59 100

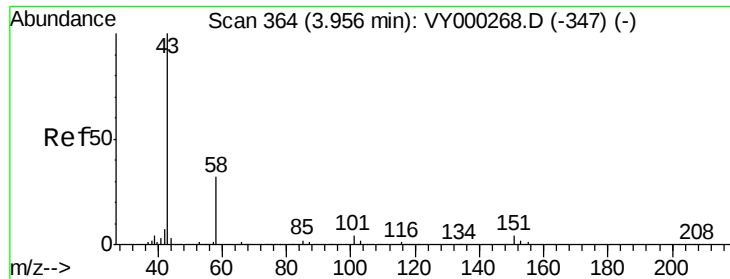
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VY000468.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY000468.D (-515) (-)





#16

Acetone

Concen: 1.496 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

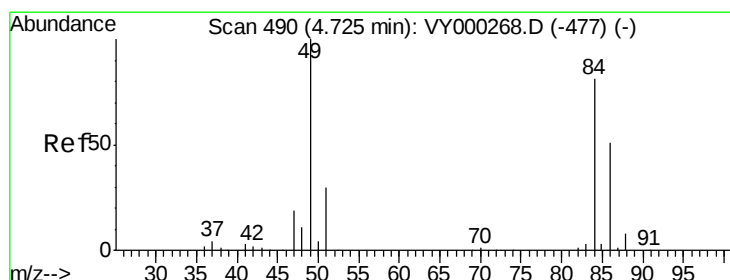
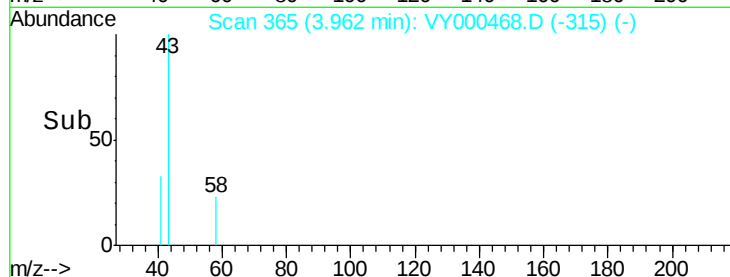
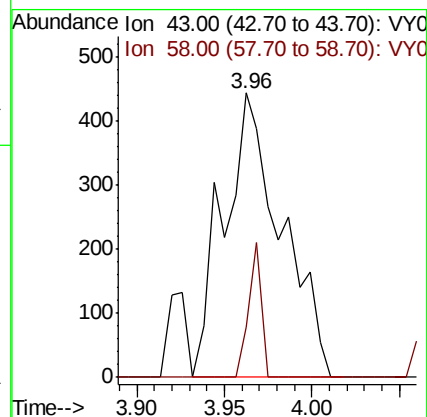
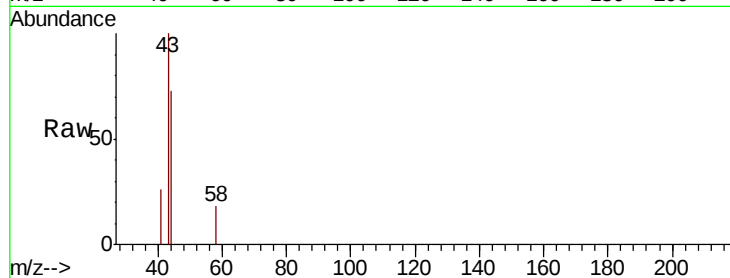
ClientSampleId :

Tot Ion: 43 Resp: 1025

Ion Ratio Lower Upper

43 100

58 17.6 25.8 38.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 492

Delta R.T. 0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Tgt Ion: 84 Resp: 1225

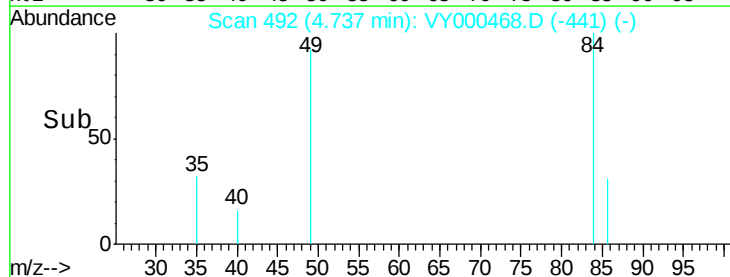
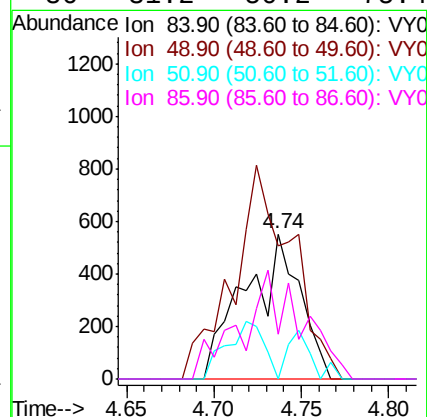
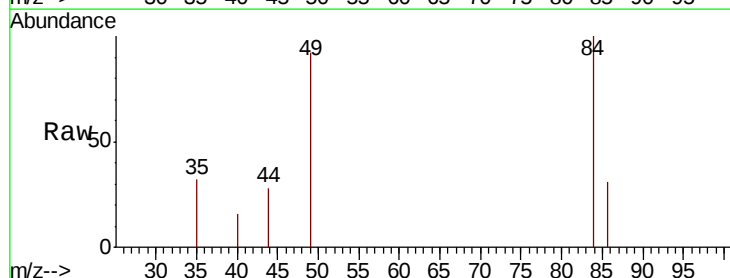
Ion Ratio Lower Upper

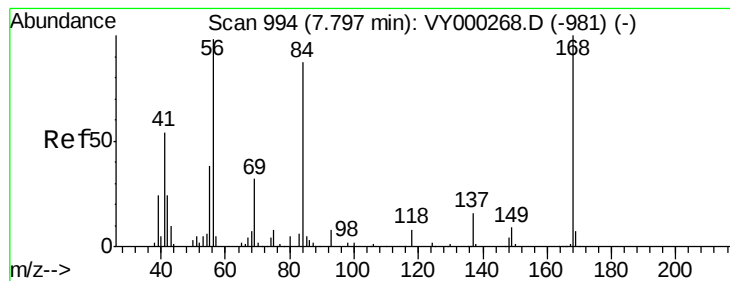
84 100

49 92.0 99.0 148.4#

51 0.0 29.3 43.9#

86 31.2 50.2 75.4#





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

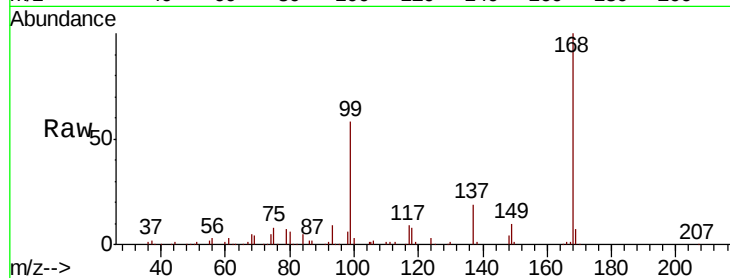
Tot Ion: 56 Resp: 4807

Ion Ratio Lower Upper

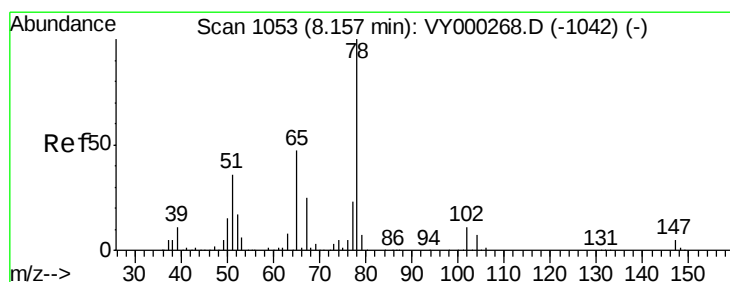
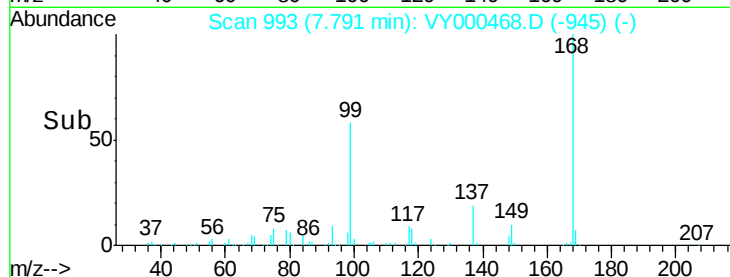
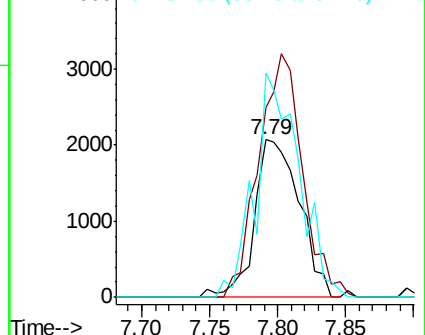
56 100

69 121.0 26.3 39.5#

84 142.3 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: 53.346 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000468.D

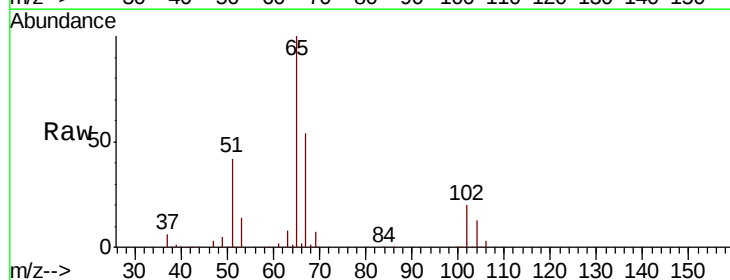
Acq: 29 Oct 2019 12:46

Tgt Ion: 65 Resp: 112889

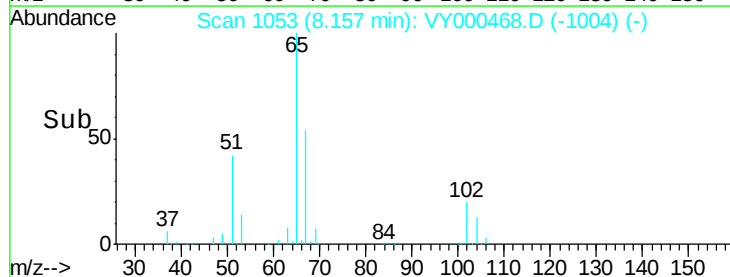
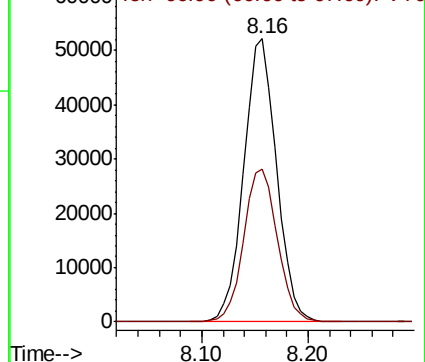
Ion Ratio Lower Upper

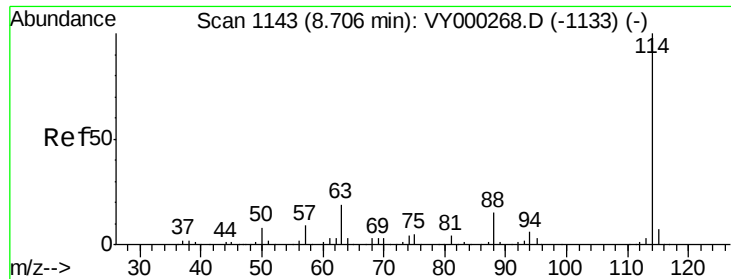
65 100

67 55.7 0.0 109.4



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

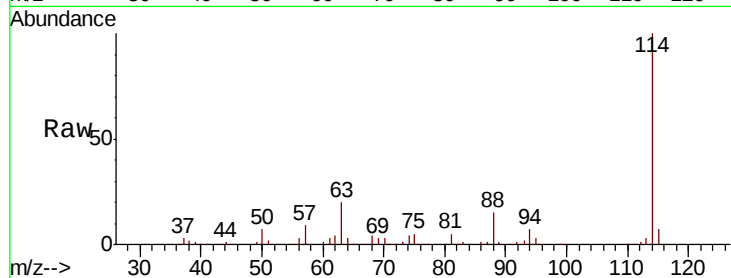




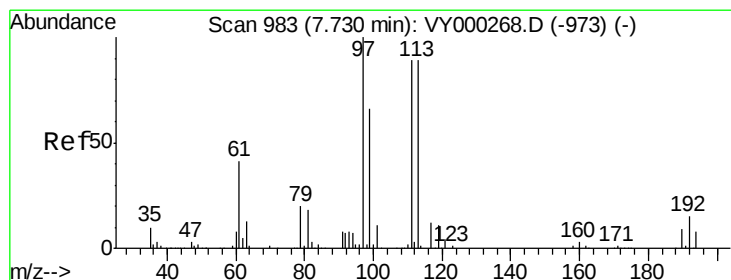
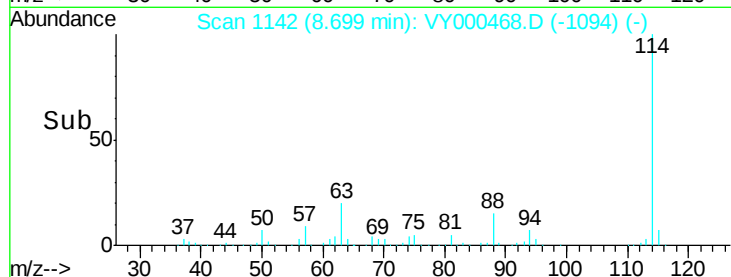
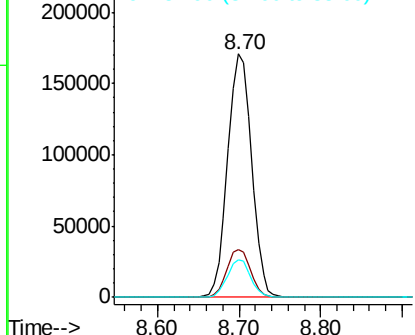
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 345329
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.2
88 15.4 0.0 30.2

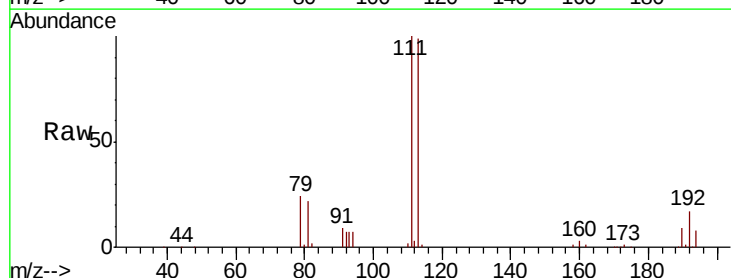


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

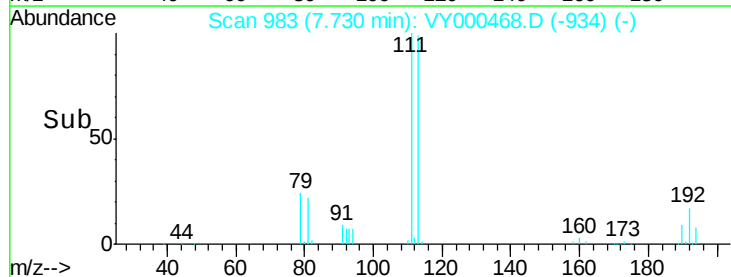
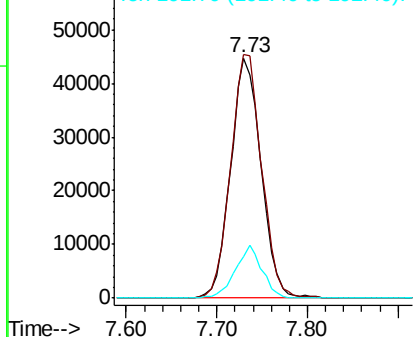


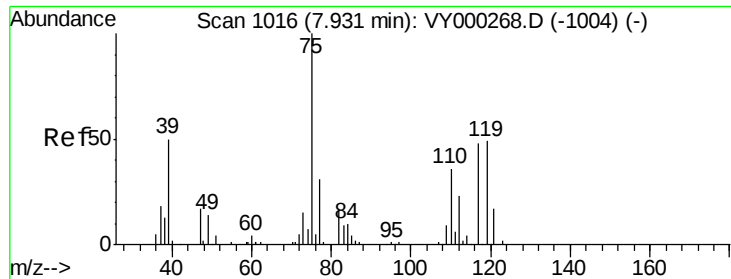
#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:113 Resp: 104180
Ion Ratio Lower Upper
113 100
111 103.0 81.6 122.4
192 19.3 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

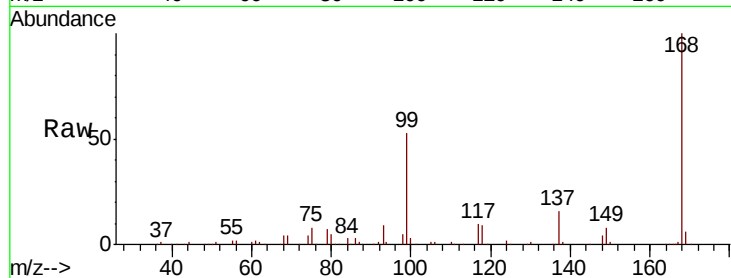




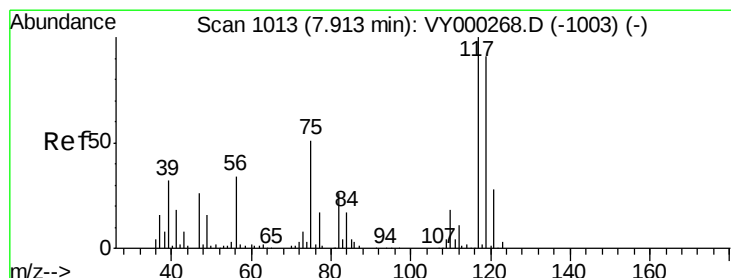
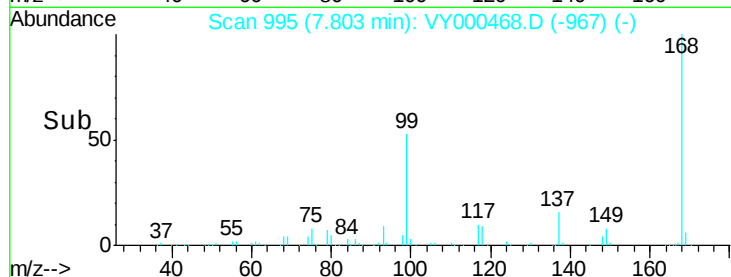
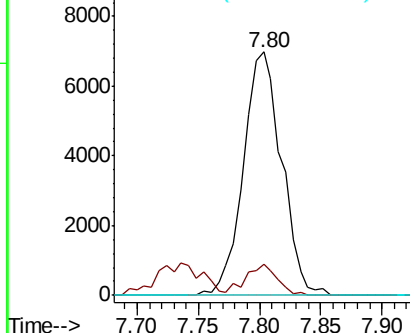
#36
 1,1-Dichloropropene
 Concen: 4.498 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000468.D
 Acq: 29 Oct 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 15208
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.4 55.4#
 77 0.0 25.0 37.6#

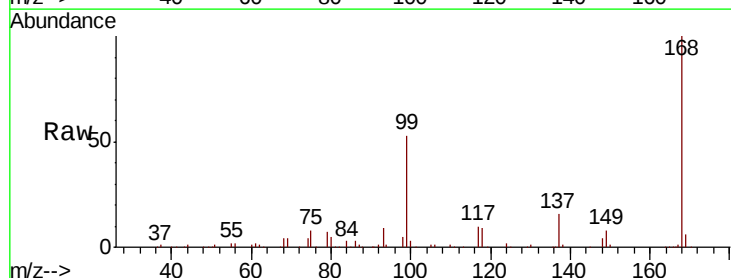


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

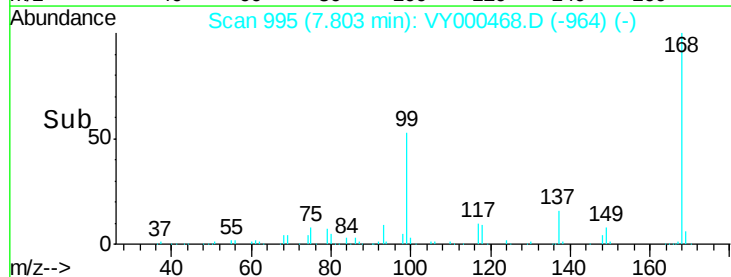
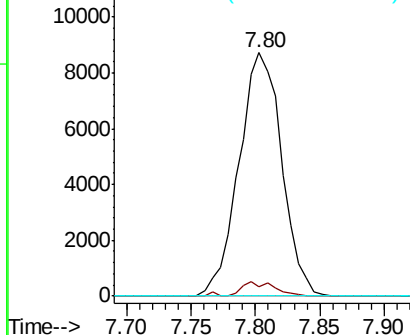


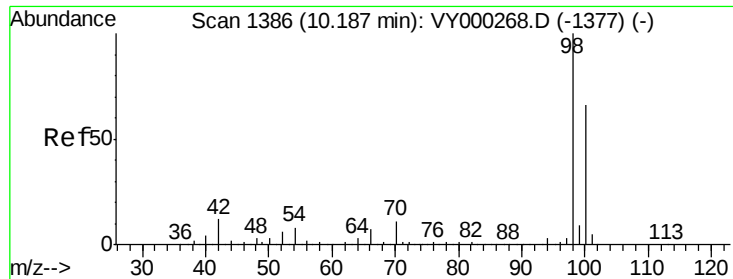
#38
 Carbon Tetrachloride
 Concen: 6.120 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000468.D
 Acq: 29 Oct 2019 12:46

Tgt Ion: 117 Resp: 20033
 Ion Ratio Lower Upper
 117 100
 119 3.7 72.8 109.2#
 121 0.0 22.2 33.2#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 49.746 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

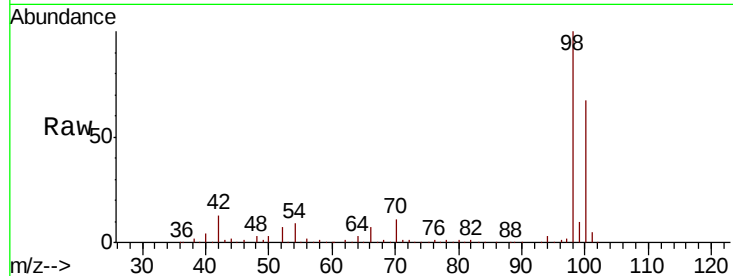
ClientSampleId :

Tot Ion: 98 Resp: 398614

Ion Ratio Lower Upper

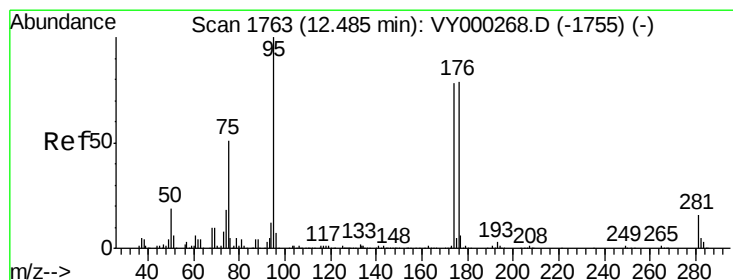
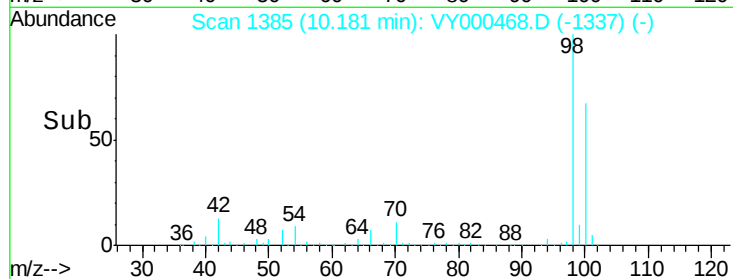
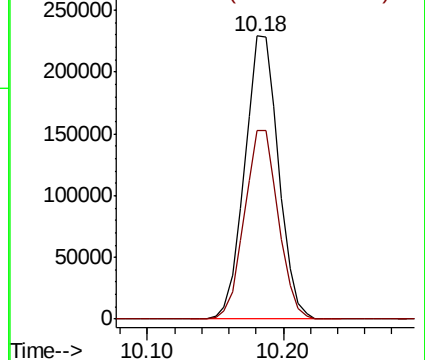
98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 42.716 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

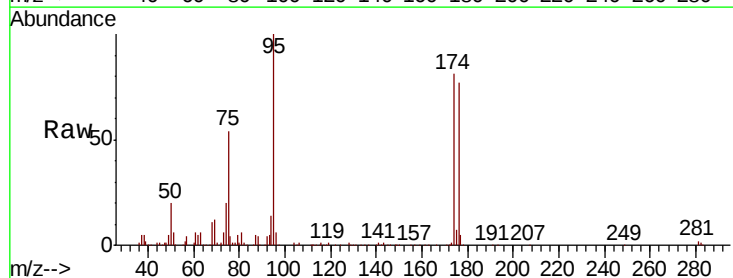
Tgt Ion: 95 Resp: 130038

Ion Ratio Lower Upper

95 100

174 85.2 0.0 159.6

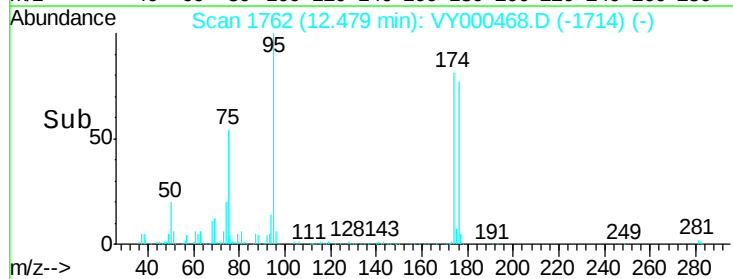
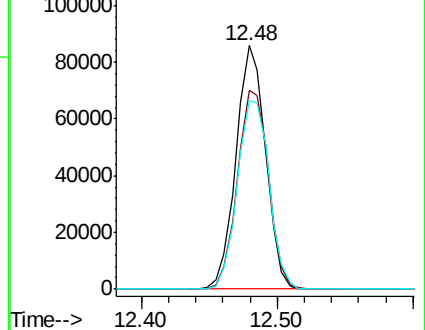
176 83.4 0.0 153.8

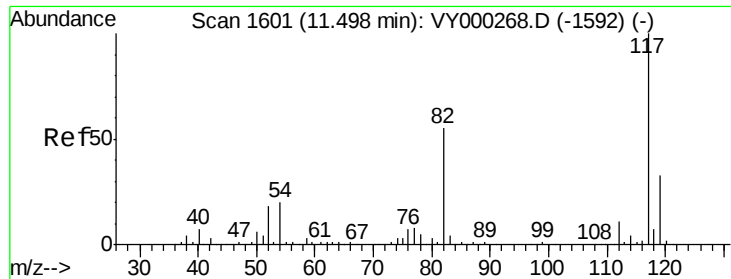


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

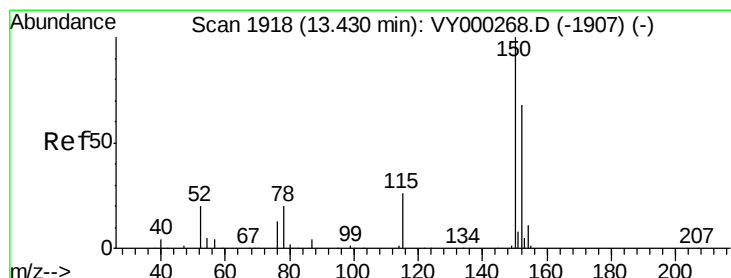
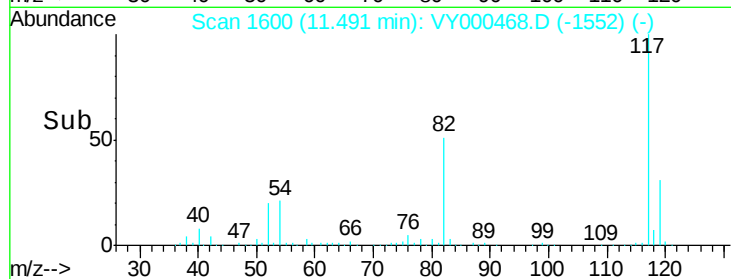
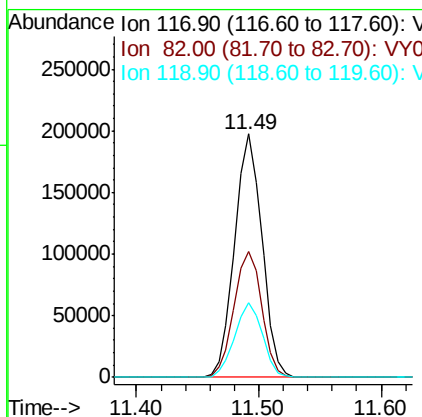
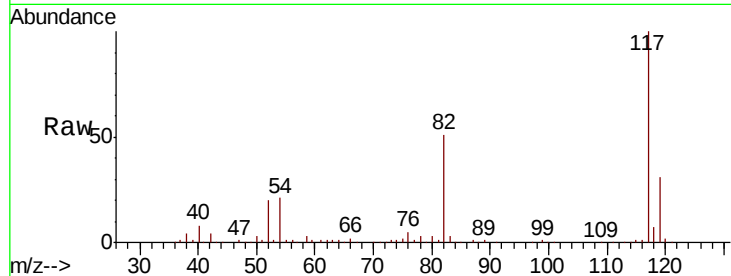




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

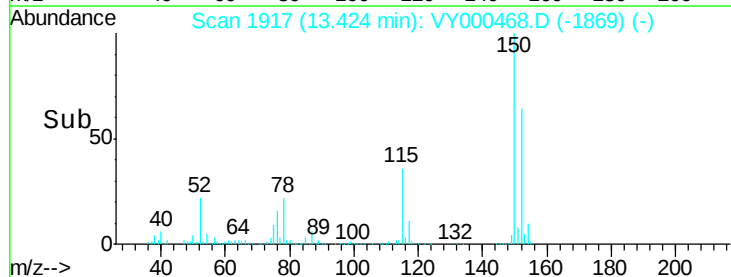
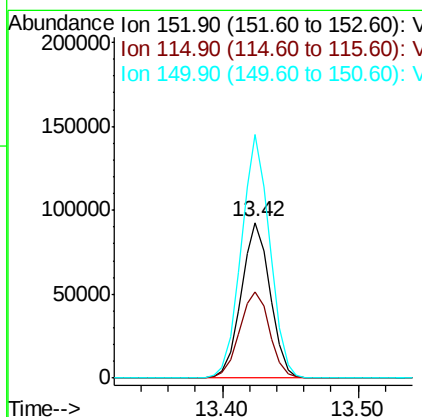
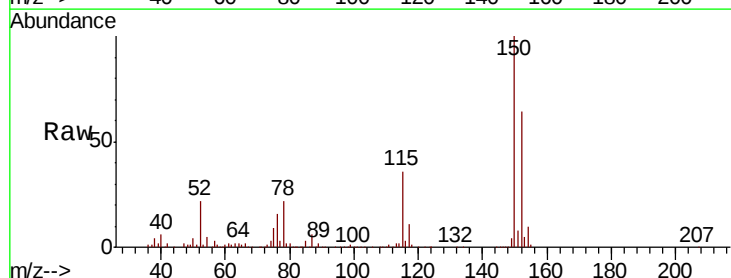
Instrument :
MSVOA_Y
ClientSampled :

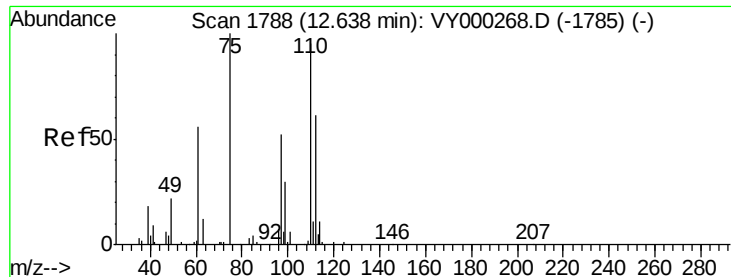
Tot Ion:117 Resp: 305369
Ion Ratio Lower Upper
117 100
82 51.5 43.7 65.5
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000468.D
Acq: 29 Oct 2019 12:46

Tgt Ion:152 Resp: 137160
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 154.9 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 41.476 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Instrument :

MSVOA_Y

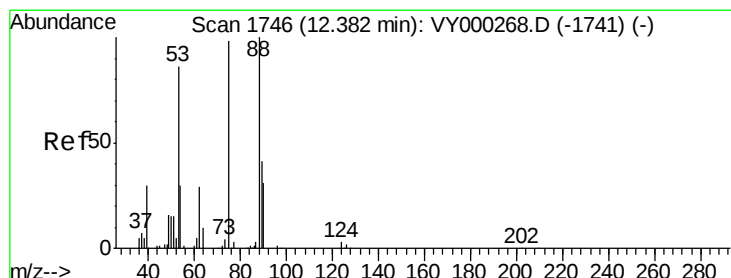
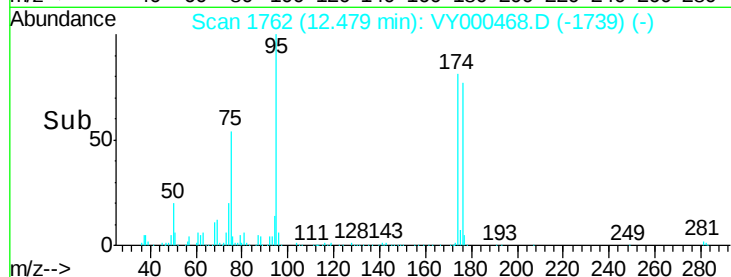
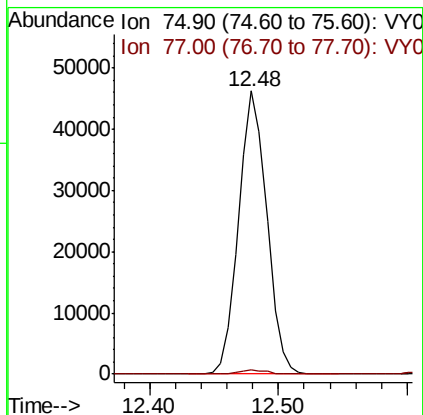
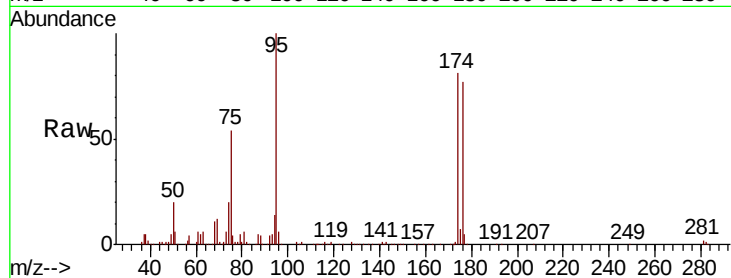
ClientSampled :

Tot Ion: 75 Resp: 69954

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.749 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000468.D

Acq: 29 Oct 2019 12:46

Tgt Ion: 75 Resp: 69954

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

