

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000433.D
 Acq On : 25 Oct 2019 16:52
 Operator : SY/MD
 Sample : K5539-14
 Misc : 8.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:46:13 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	897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	1251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96	10.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.30%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.19	98	1240	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	
62) 4-Bromofluorobenzene	12.49	95	20	1.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.62%	

Target Compounds					Qvalue
3) Chloromethane	2.13	50	88	8.028 ug/l #	43
6) Chloroethane	2.85	64	20	2.802 ug/l #	43
7) Trichlorofluoromethane	3.19	101	25	1.652 ug/l #	17
11) Tert butyl alcohol	4.79	59	71	71.703 ug/l #	73
13) Acrolein	3.76	56	20	17.228 ug/l #	15
14) Allyl chloride	4.48	41	27	1.798 ug/l #	24
15) Acrylonitrile	4.94	53	50	16.711 ug/l #	19
16) Acetone	4.01	43	81	26.434 ug/l #	42
18) Methyl Acetate	4.44	43	74	9.720 ug/l #	50
21) trans-1,2-Dichloroethene	5.10	96	33	3.175 ug/l #	1
22) Diisopropyl ether	6.27	45	59	1.858 ug/l #	34
23) Vinyl Acetate	6.00	43	55	2.655 ug/l #	71
25) 2-Butanone	7.16	43	23	5.328 ug/l #	48
27) cis-1,2-Dichloroethene	6.88	96	44	3.912 ug/l #	1
29) Tetrahydrofuran	7.61	42	20	7.645 ug/l #	34
30) Chloroform	7.79	83	41	2.349 ug/l #	18
31) Cyclohexane	7.78	56	42	2.320 ug/l #	15
36) 1,1-Dichloropropene	7.79	75	64	5.225 ug/l #	40
37) Ethyl Acetate	7.16	43	23	3.171 ug/l #	67
39) Methylcyclohexane	9.21	83	34	2.121 ug/l #	17
40) Benzene	8.13	78	49	1.384 ug/l #	52
41) Methacrylonitrile	7.31	41	83	24.043 ug/l #	1
42) 1,2-Dichloroethane	8.04	62	66	6.528 ug/l #	72
43) Isopropyl Acetate	8.18	43	61	4.424 ug/l #	53
47) Bromodichloromethane	9.60	83	28	2.447 ug/l #	24
48) Methyl methacrylate	9.36	41	23	3.806 ug/l #	22
51) 4-Methyl-2-Pentanone	10.13	43	96	13.498 ug/l #	36
53) t-1,3-Dichloropropene	10.49	75	124	10.111 ug/l #	42
59) 2-Hexanone	10.88	43	71	14.222 ug/l #	24
74) N-amyl acetate	12.18	43	74	92.042 ug/l #	44
76) 1,2,3-Trichloropropane	12.74	75	24	46.471 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.85	105	21	7.647 ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.48	75	97	410.939 ug/l #	14
83) tert-Butylbenzene	13.27	119	50	21.501 ug/l #	26

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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

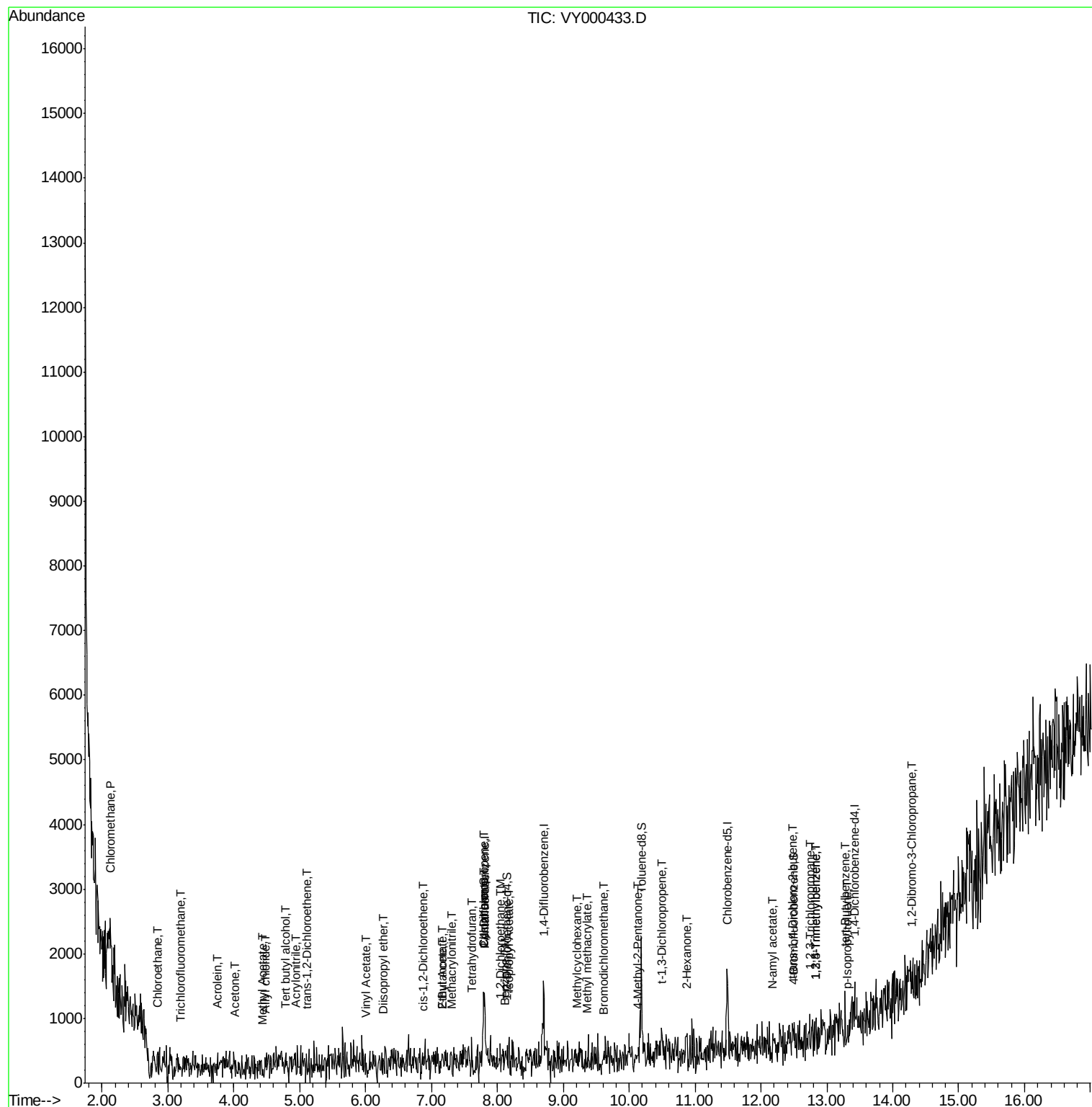
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	12.85	105	21	7.748	ug/l #	30
86) p-Isopropyltoluene	13.30	119	19	6.478	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.28	75	33	282.979	ug/l #	1

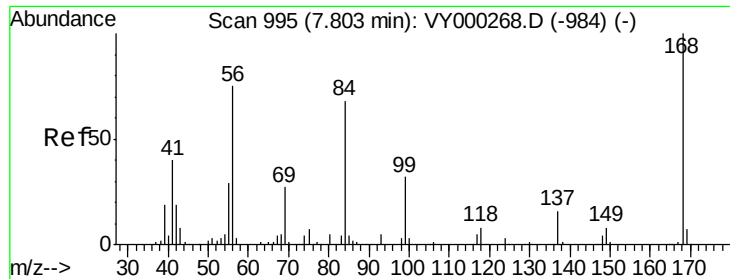
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

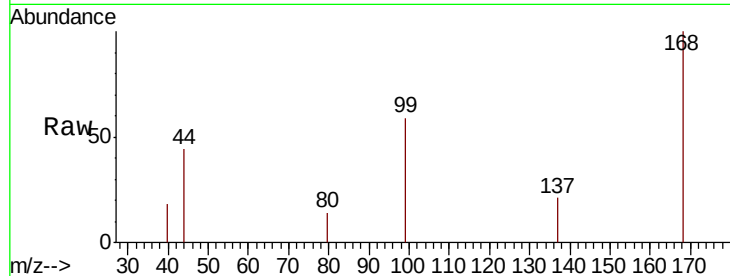
ClientSampleId :

Tot Ion:168 Resp: 897

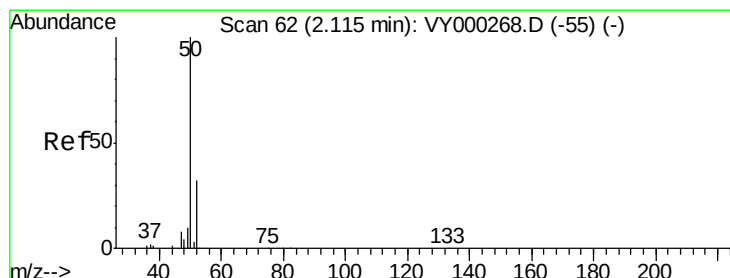
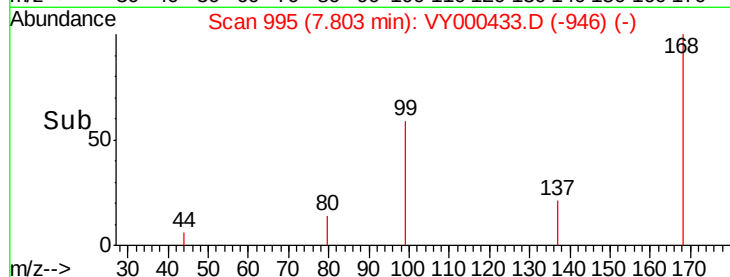
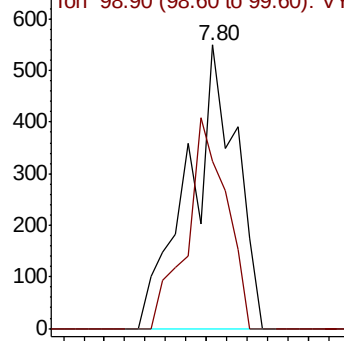
Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000433.D (-946) (-)



#3

Chloromethane

Concen: 8.028 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY000433.D

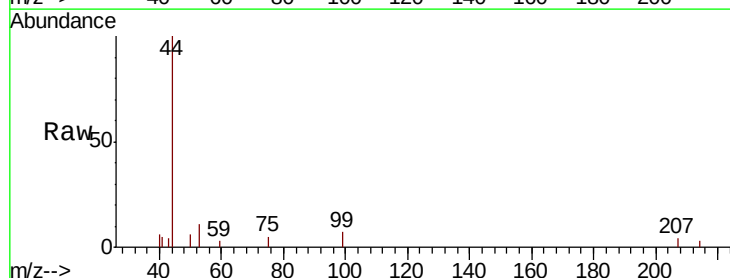
Acq: 25 Oct 2019 16:52

Tgt Ion: 50 Resp: 88

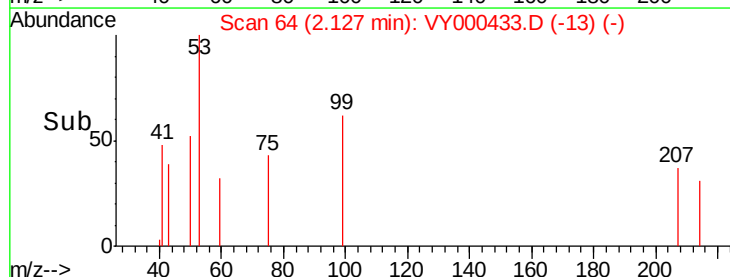
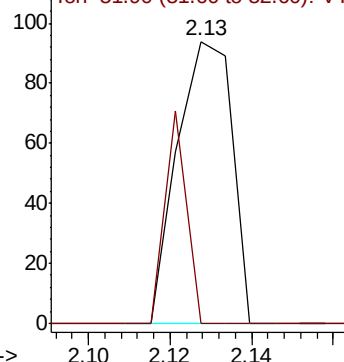
Ion Ratio Lower Upper

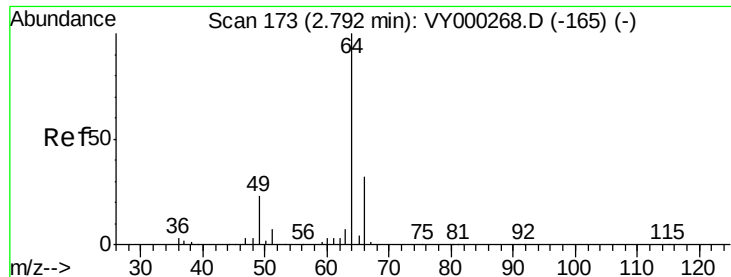
50 100

52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000433.D (-13) (-)





#6

Chloroethane

Concen: 2.802 ug/l

RT: 2.85 min Scan# 182

Delta R.T. 0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

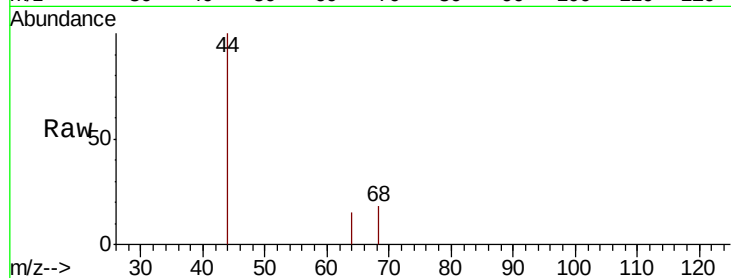
ClientSampled :

Tot Ion: 64 Resp: 20

Ion Ratio Lower Upper

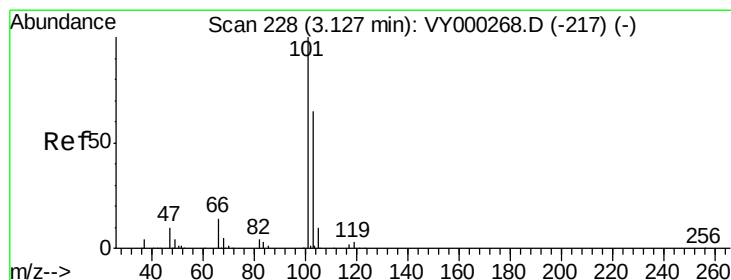
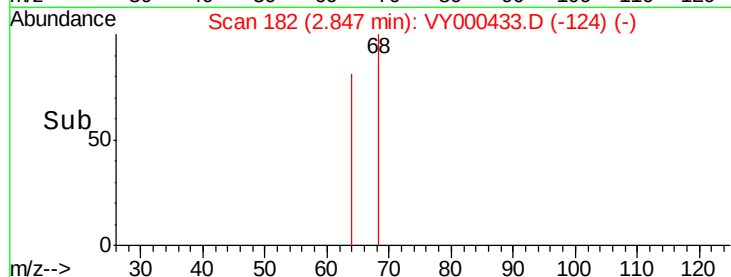
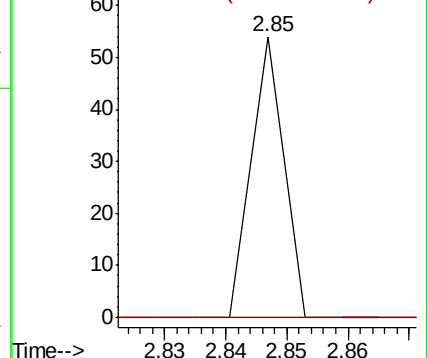
64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



#7

Trichlorofluoromethane

Concen: 1.652 ug/l

RT: 3.19 min Scan# 239

Delta R.T. 0.07 min

Lab File: VY000433.D

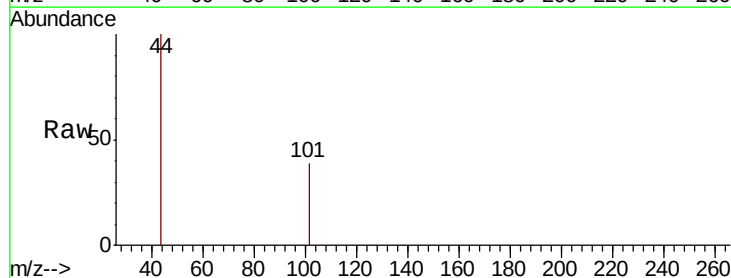
Acq: 25 Oct 2019 16:52

Tgt Ion: 101 Resp: 25

Ion Ratio Lower Upper

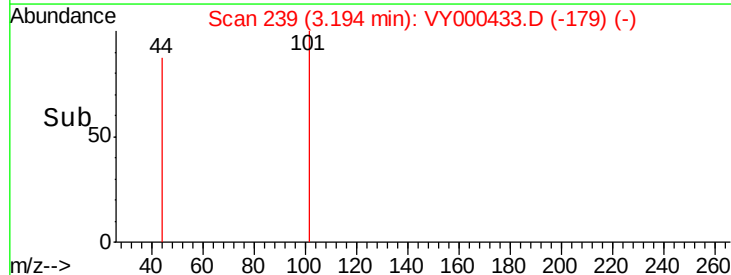
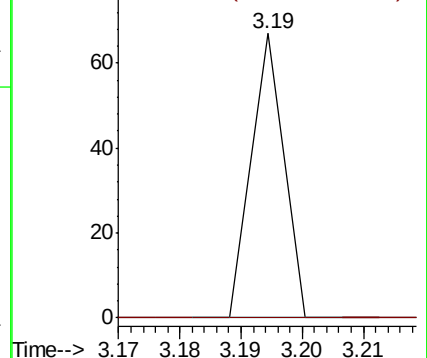
101 100

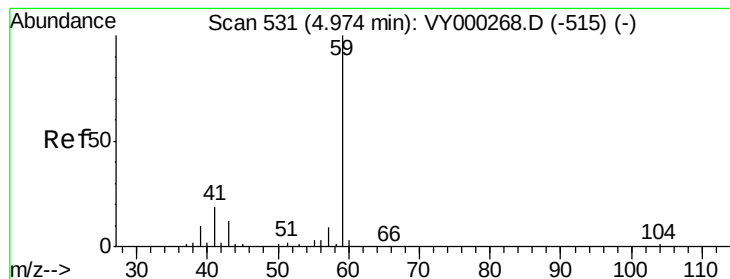
103 0.0 52.2 78.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



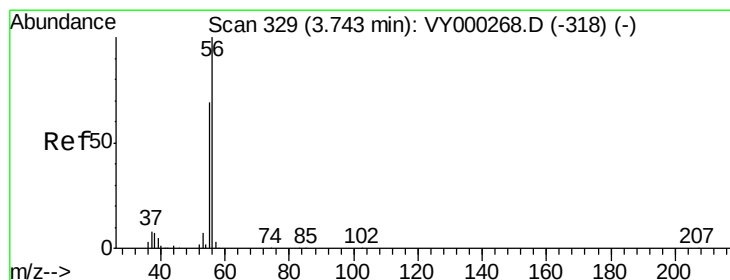
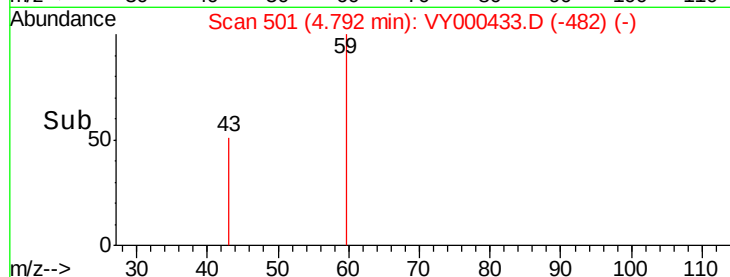
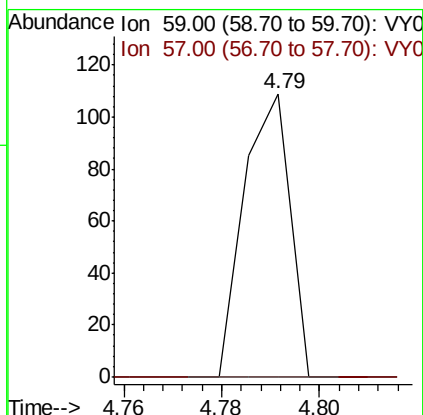
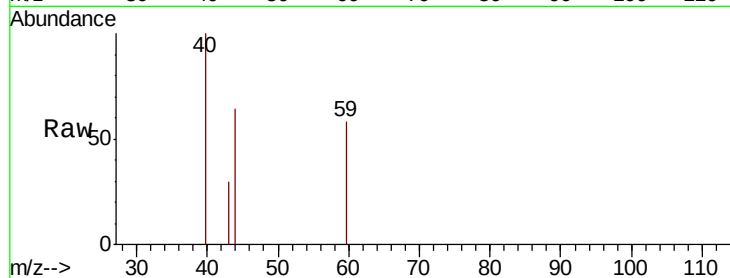


#11

Tert butyl alcohol
 Concen: 71.703 ug/l
 RT: 4.79 min Scan# 501
 Delta R.T. -0.18 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Instrument :
 MSVOA_Y
 ClientSampled :

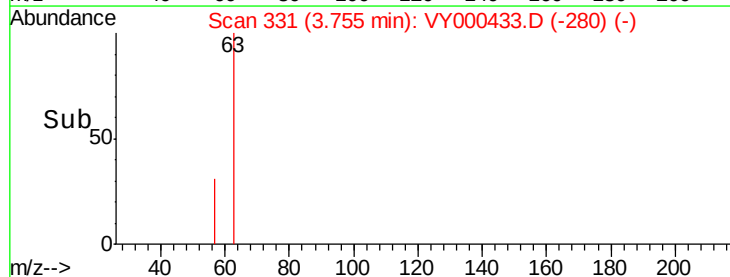
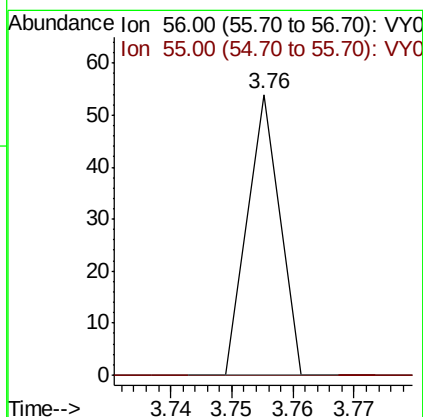
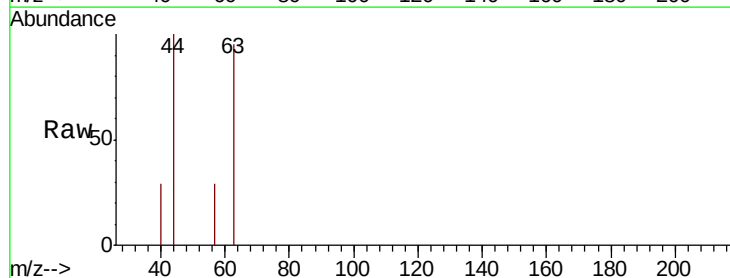
Tot Ion: 59 Resp: 71
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

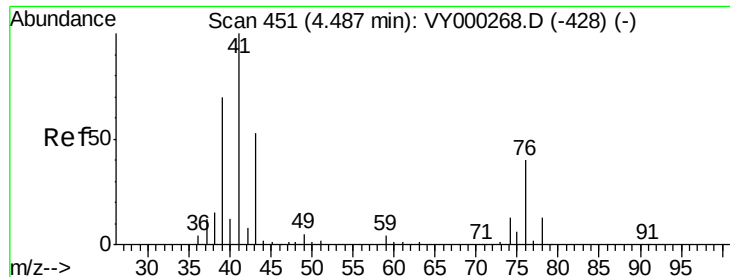


#13

Acrolein
 Concen: 17.228 ug/l
 RT: 3.76 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 56 Resp: 20
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.7 83.5#

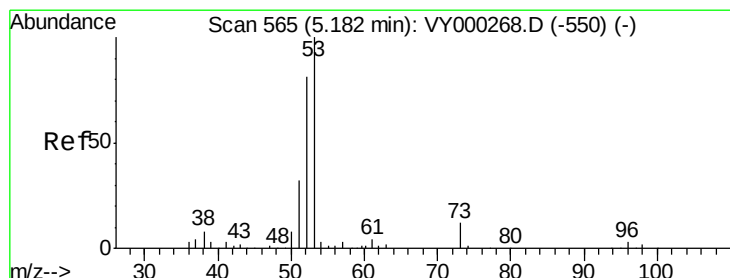
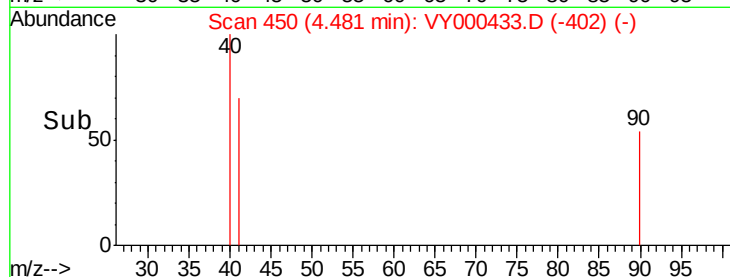
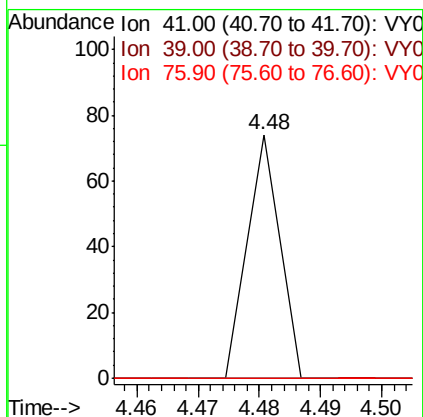
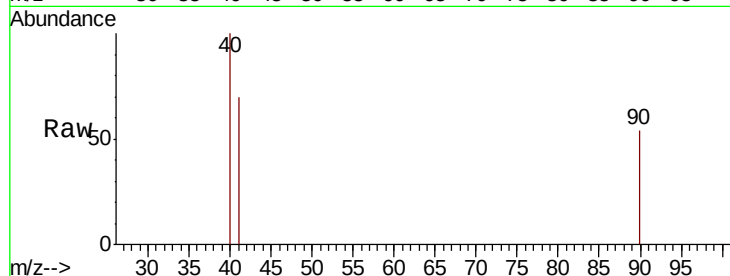




#14
 Allvl chloride
 Concen: 1.798 ug/l
 RT: 4.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

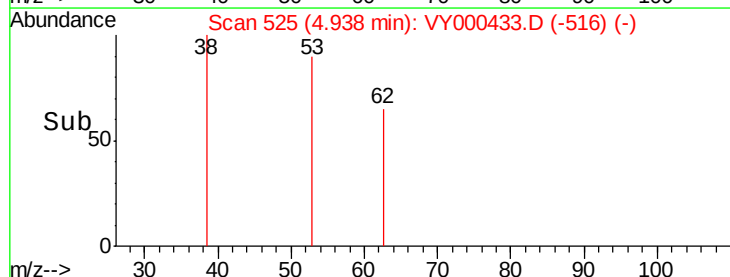
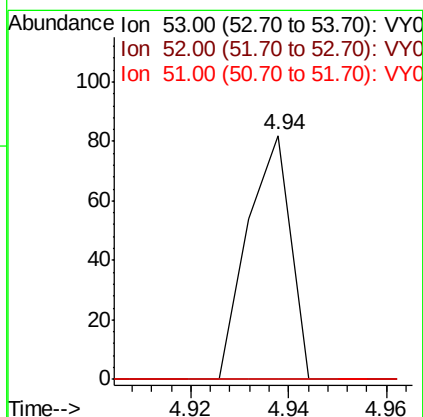
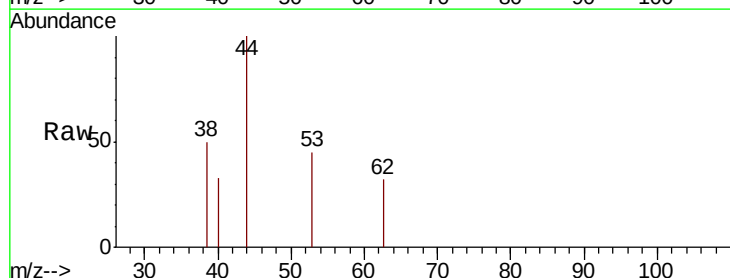
Instrument :
 MSVOA_Y
 ClientSampled :

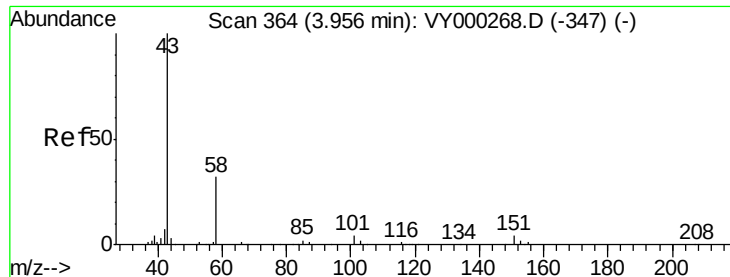
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.0	81.0#
76	0.0	30.7	46.1#



#15
 Acrylonitrile
 Concen: 16.711 ug/l
 RT: 4.94 min Scan# 525
 Delta R.T. -0.24 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	62.9	94.3#
51	0.0	26.9	40.3#





#16

Acetone

Concen: 26.434 ug/l

RT: 4.01 min Scan# 373

Delta R.T. 0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

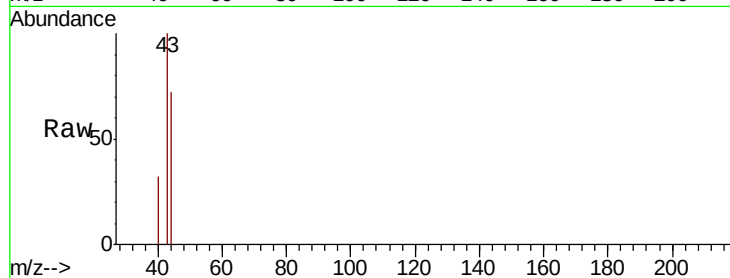
ClientSampleId :

Tot Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

4.01

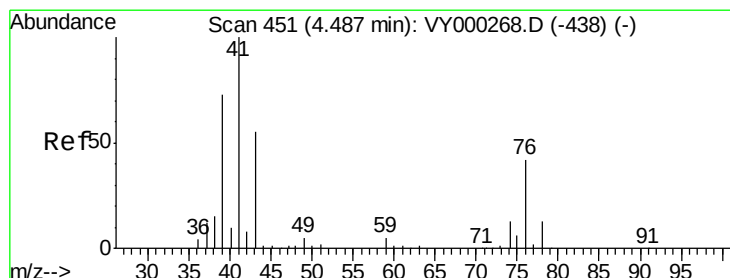
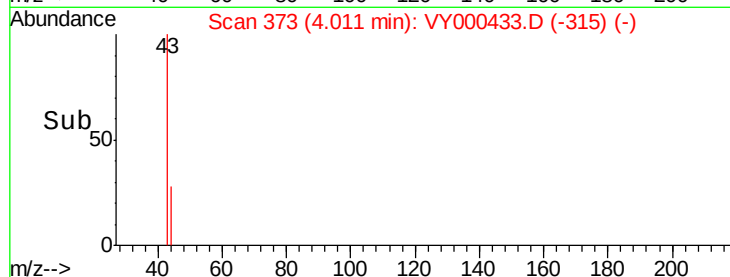
150

100

50

0

Time--> 3.98 4.00 4.02



#18

Methyl Acetate

Concen: 9.720 ug/l

RT: 4.44 min Scan# 443

Delta R.T. -0.05 min

Lab File: VY000433.D

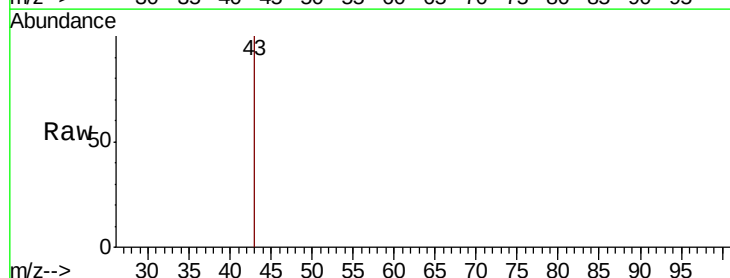
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

74 0.0 20.4 30.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

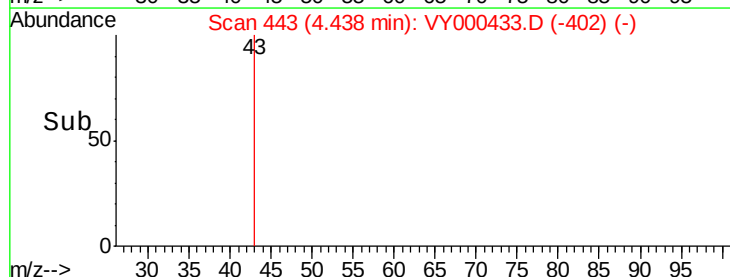
4.44

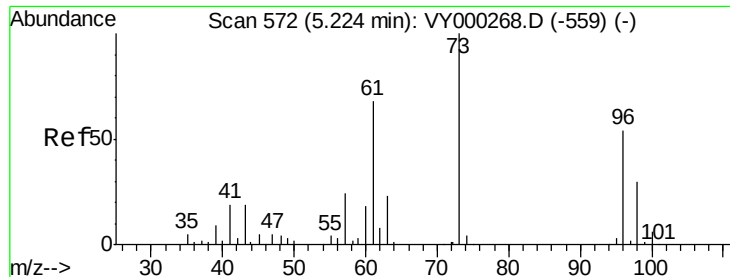
100

50

0

Time--> 4.42 4.44 4.46





#21

trans-1,2-Dichloroethene

Concen: 3.175 ug/l

RT: 5.10 min Scan# 551

Delta R.T. -0.13 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

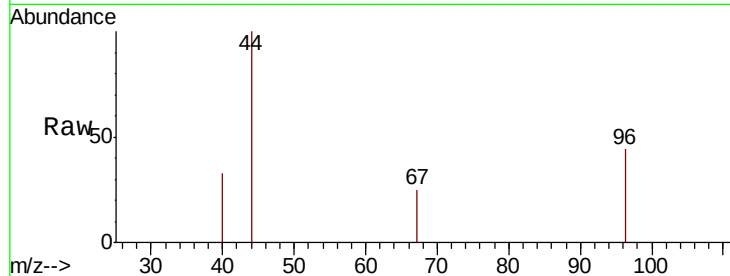
Tot Ion: 96 Resp: 33

Ion Ratio Lower Upper

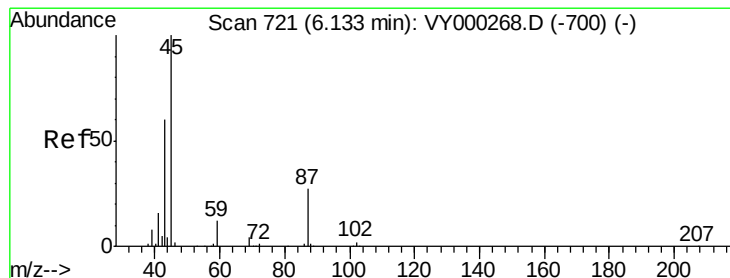
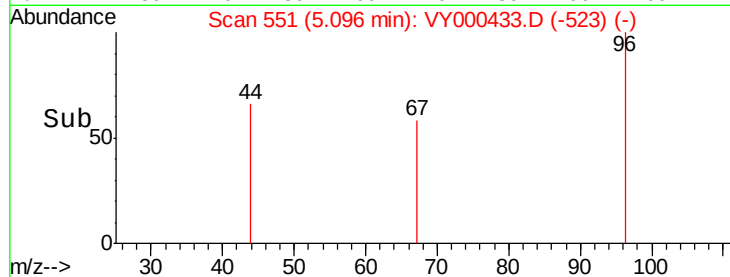
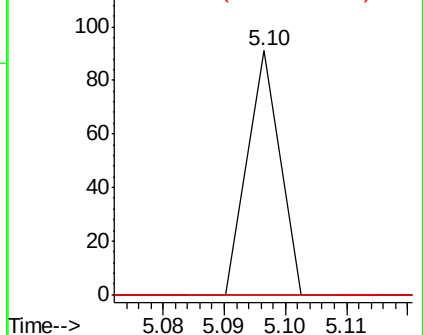
96 100

61 0.0 100.4 150.6#

98 0.0 44.6 66.8#



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 1.858 ug/l

RT: 6.27 min Scan# 743

Delta R.T. 0.13 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Tgt Ion: 45 Resp: 59

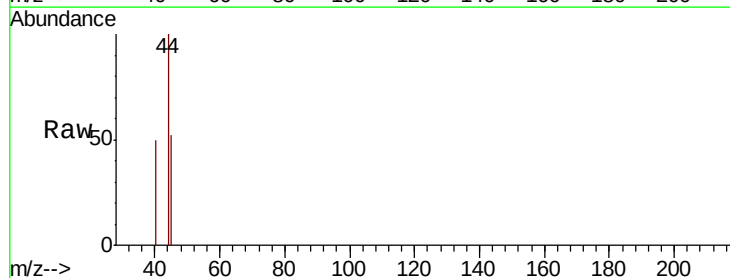
Ion Ratio Lower Upper

45 100

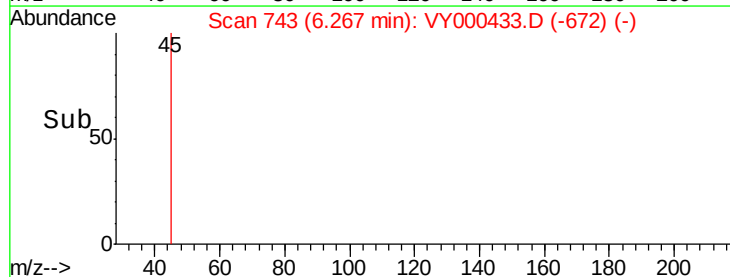
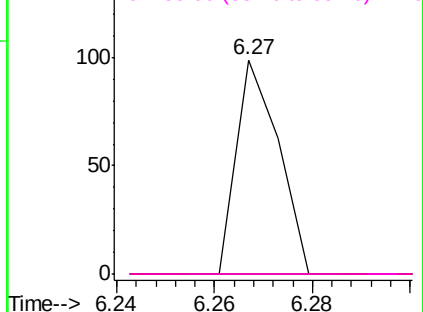
43 0.0 48.5 72.7#

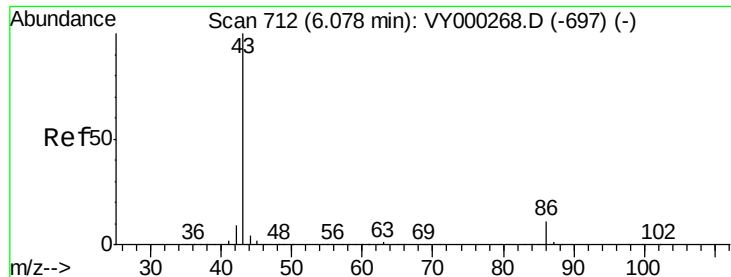
87 0.0 21.5 32.3#

59 0.0 9.4 14.0#



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 2.655 ug/l

RT: 6.00 min Scan# 700

Delta R.T. -0.07 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

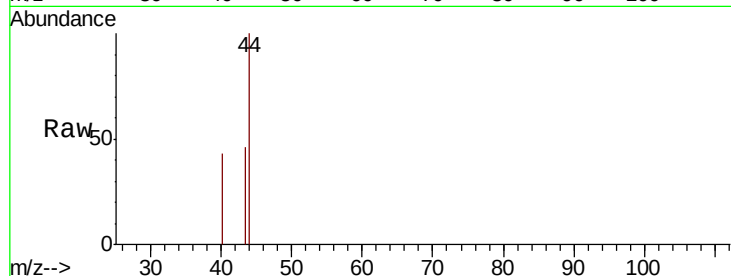
ClientSampled :

Tot Ion: 43 Resp: 55

Ion Ratio Lower Upper

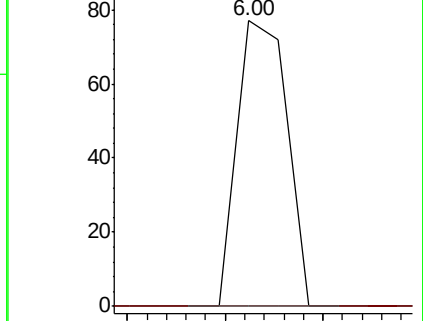
43 100

86 0.0 8.6 13.0#

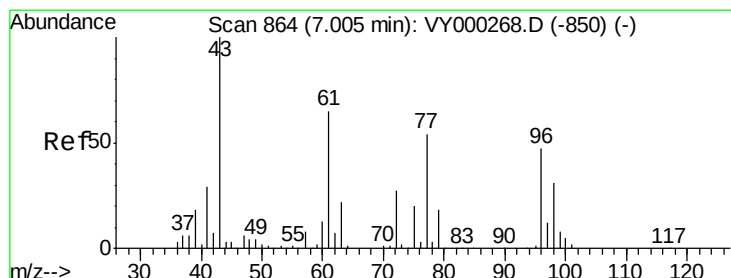
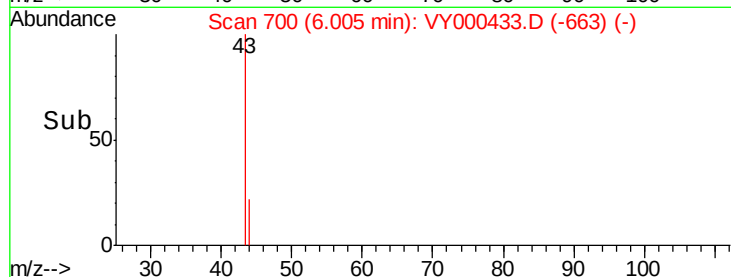


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.98 6.00 6.02



#25

2-Butanone

Concen: 5.328 ug/l

RT: 7.16 min Scan# 890

Delta R.T. 0.16 min

Lab File: VY000433.D

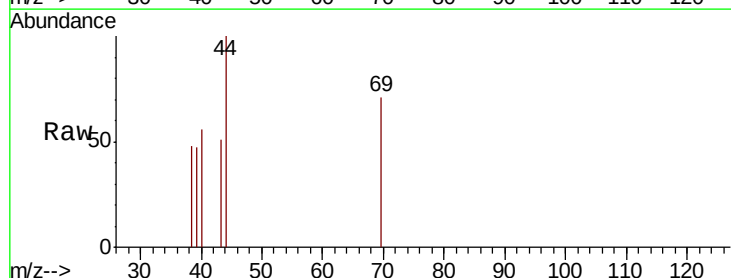
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

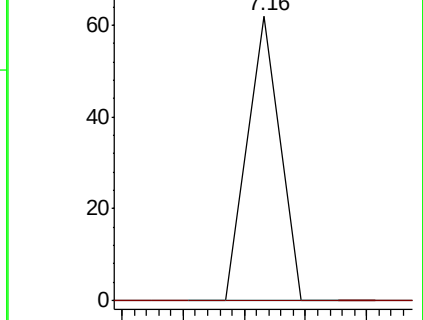
43 100

72 0.0 21.4 32.2#

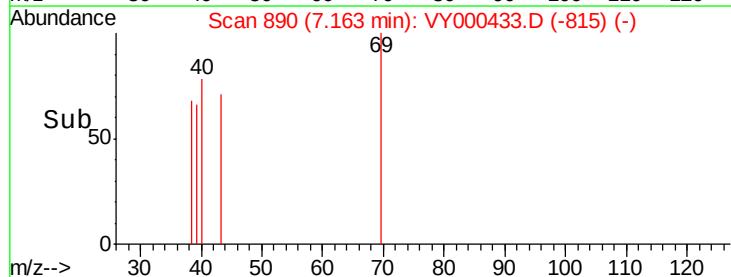


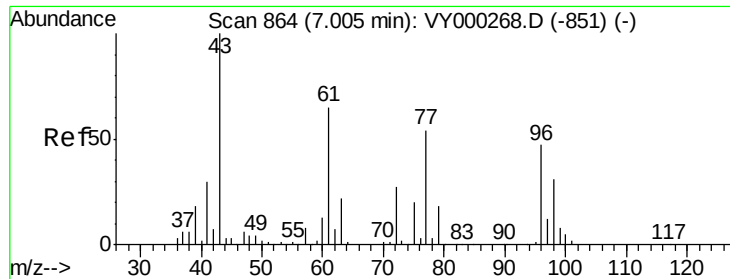
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time--> 7.14 7.15 7.16 7.17 7.18



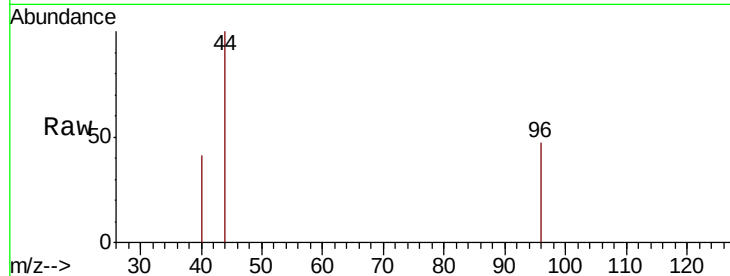


#27

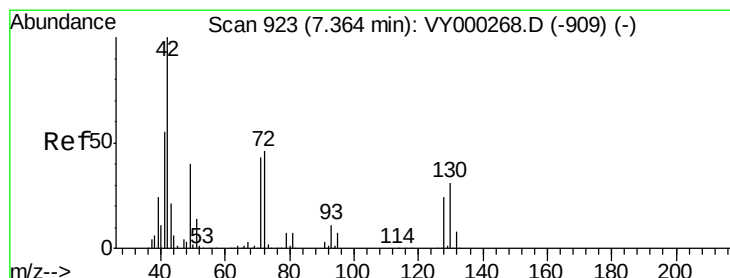
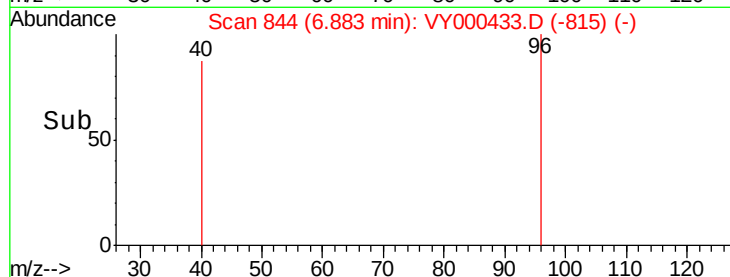
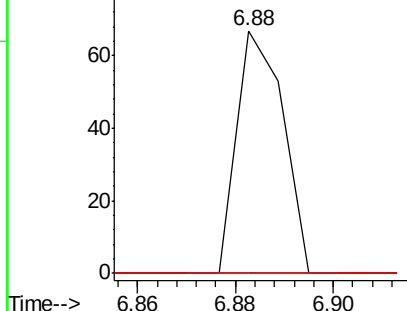
cis-1,2-Dichloroethene
Concen: 3.912 ug/l
RT: 6.88 min Scan# 844
Delta R.T. -0.12 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	289.8
98	0.0	0.0	131.8



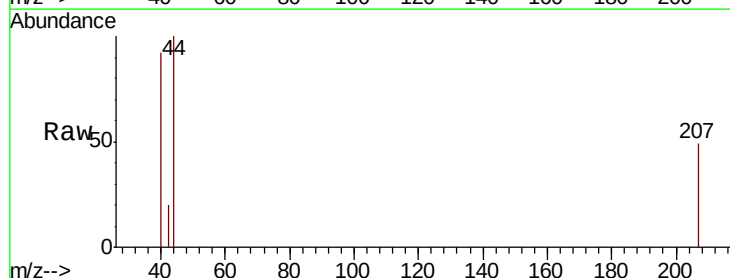
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



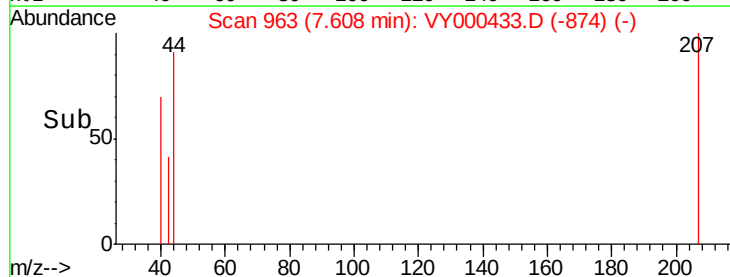
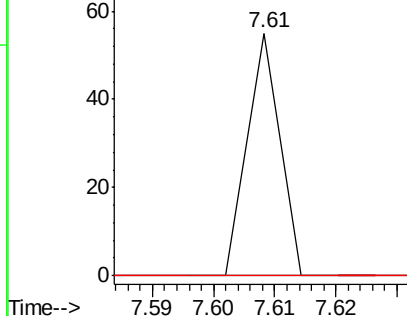
#29

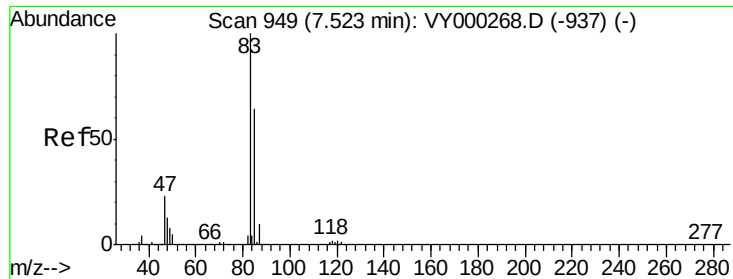
Tetrahydrofuran
Concen: 7.645 ug/l
RT: 7.61 min Scan# 963
Delta R.T. 0.24 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	0.0	32.7	49.1#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

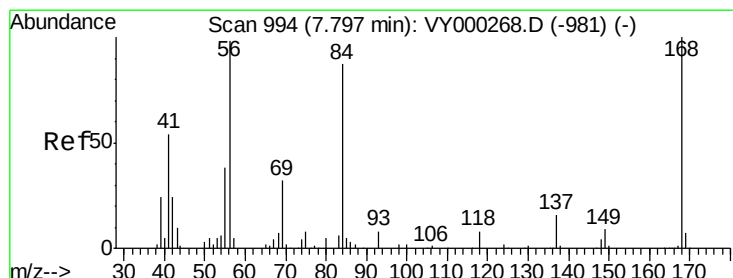
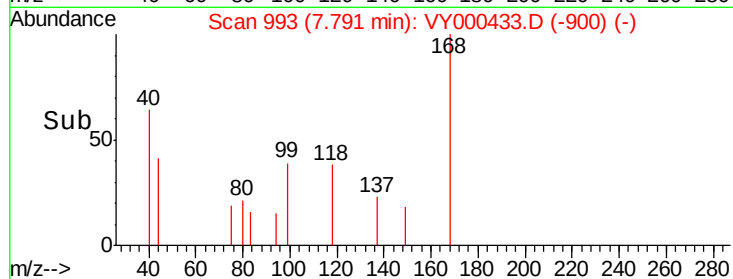
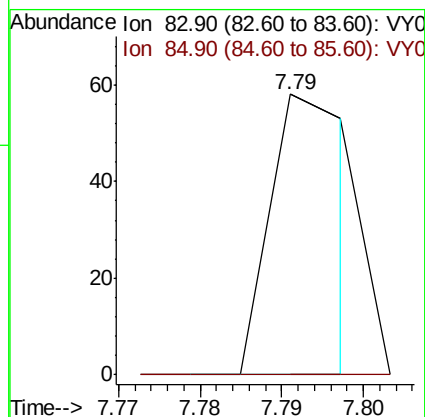
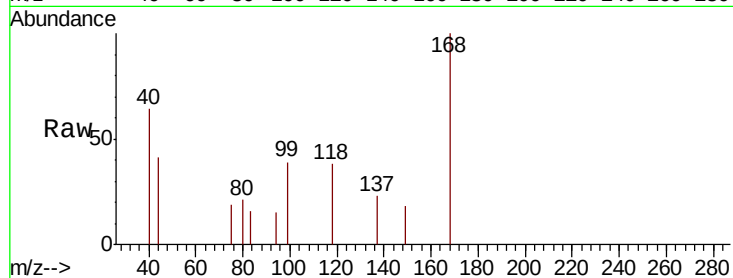




#30
Chloroform
Concen: 2.349 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.27 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

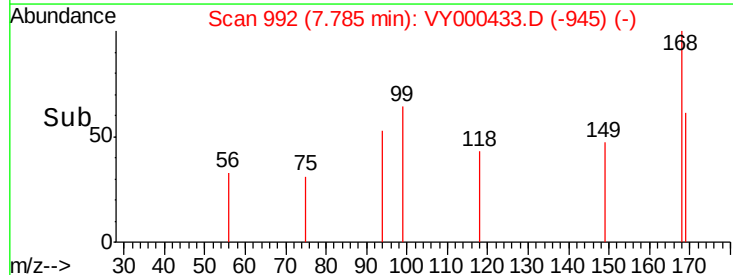
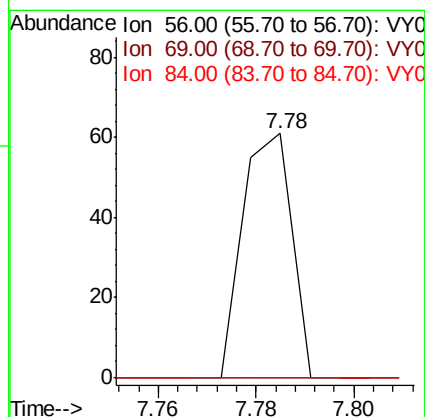
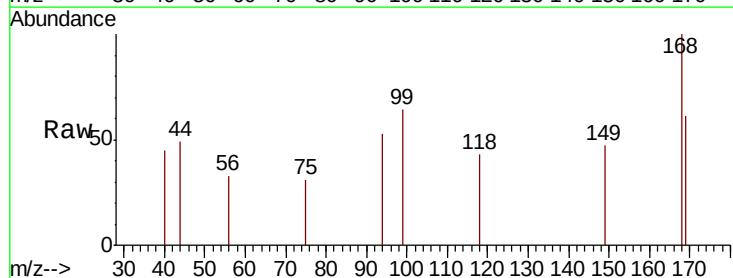
Instrument :
MSVOA_Y
ClientSampleId :

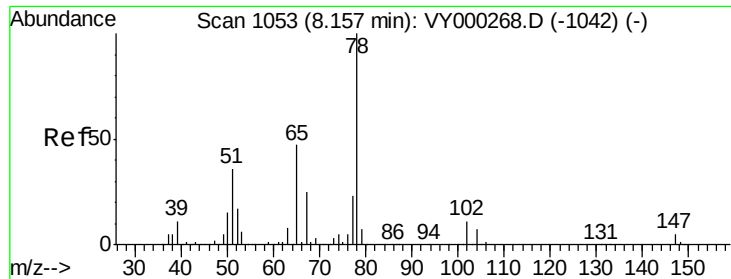
Tot Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.2#



#31
Cyclohexane
Concen: 2.320 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
69 0.0 26.3 39.5#
84 0.0 70.8 106.2#

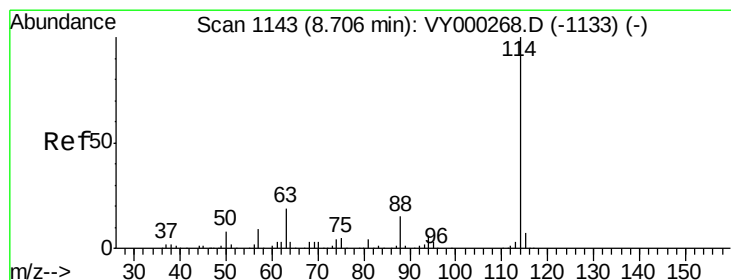
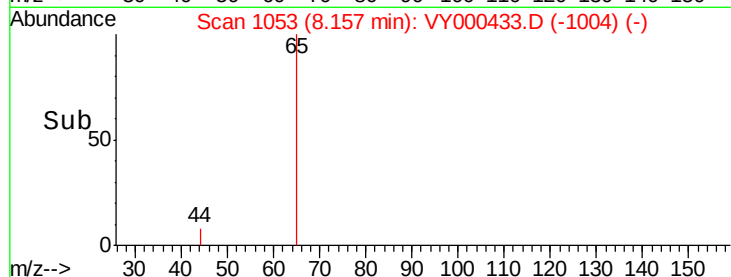
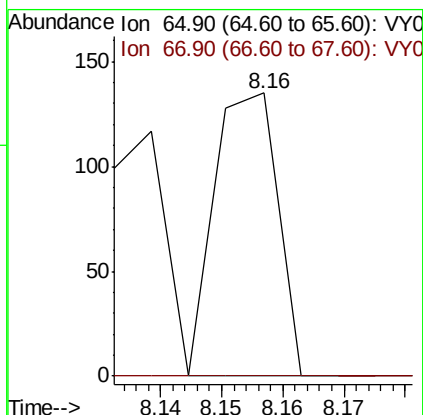
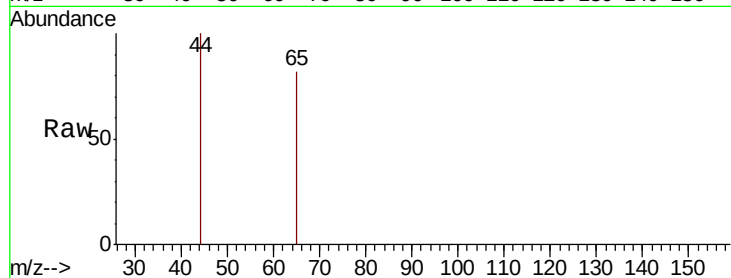




#33
 1,2-Dichloroethane-d4
 Concen: 10.146 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

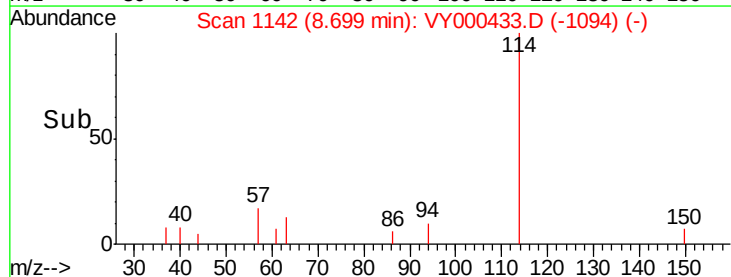
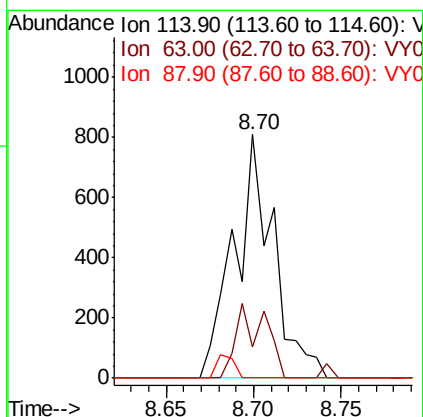
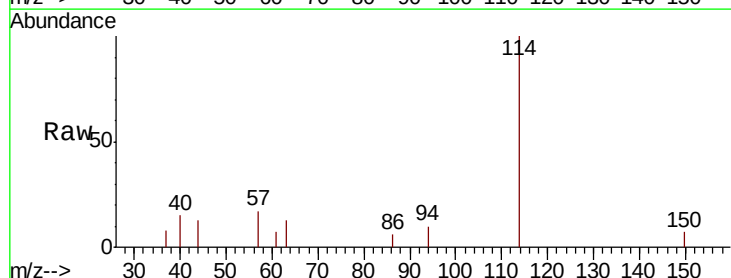
Instrument :
 MSVOA_Y
 ClientSampled :

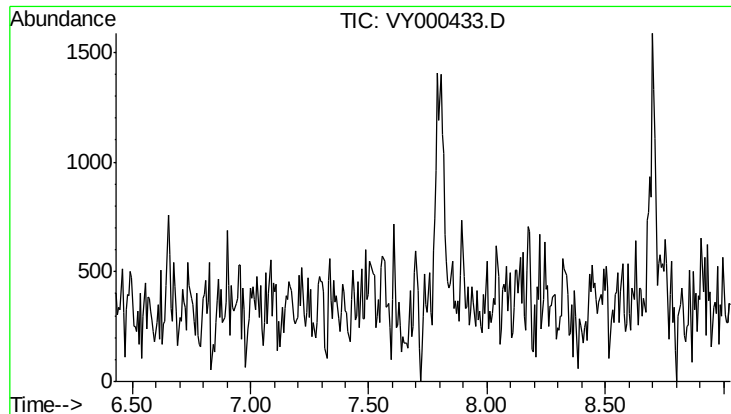
Tot Ion: 65 Resp: 96
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 114 Resp: 1251
 Ion Ratio Lower Upper
 114 100
 63 12.7 0.0 37.2
 88 0.0 0.0 30.2

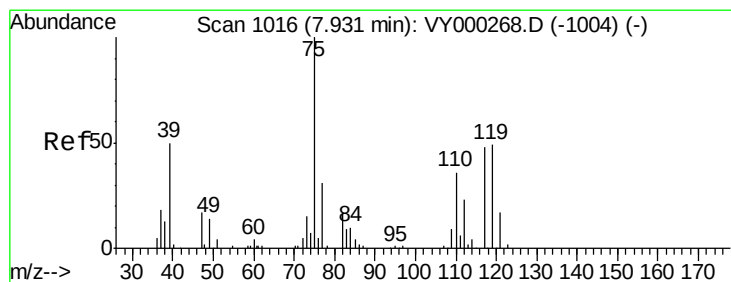
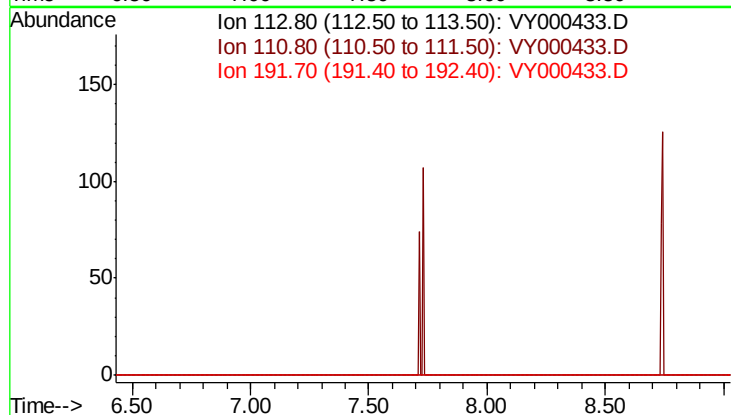




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.73 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

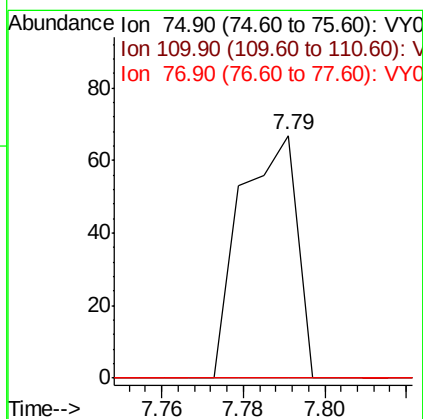
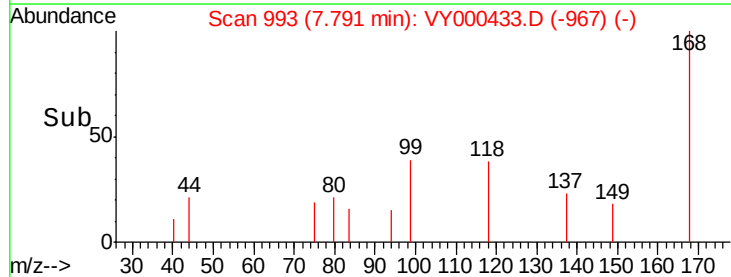
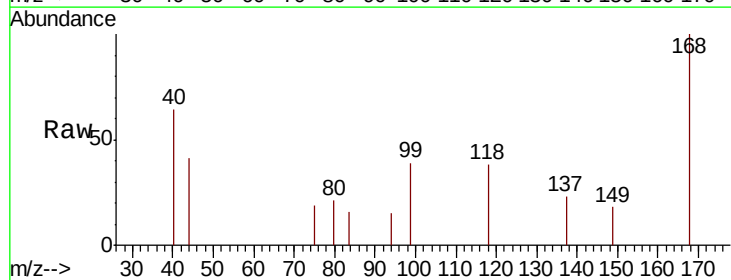
Instrument :
 MSVOA_Y
 ClientSampleId :

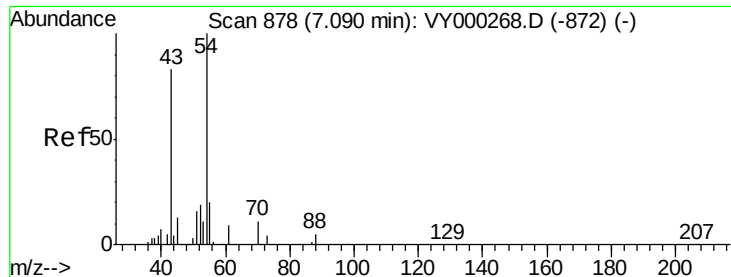
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 102.0
 192 19.1



#36
 1,1-Dichloropropene
 Concen: 5.225 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 75 Resp: 64
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.4 55.4#
 77 0.0 25.0 37.6#

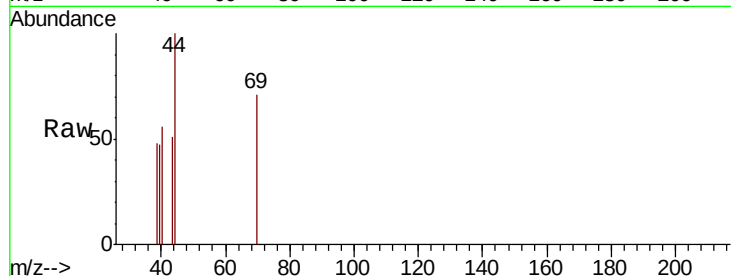




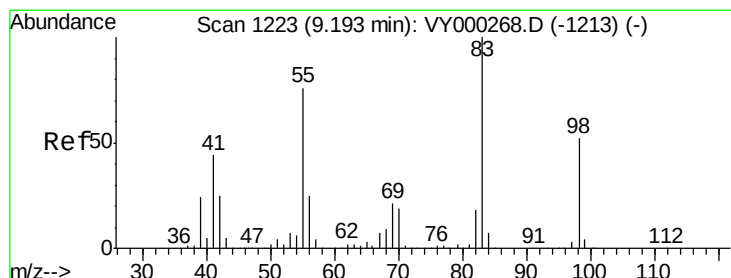
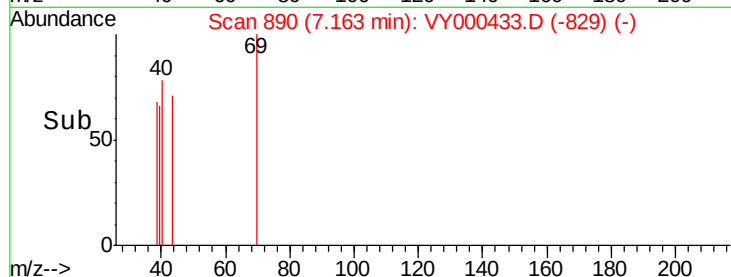
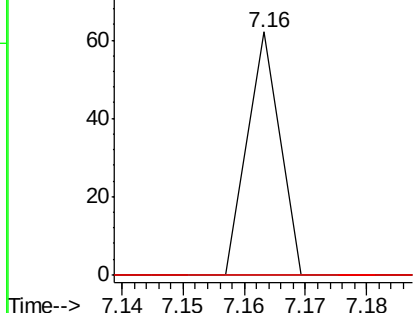
#37
Ethyl Acetate
Concen: 3.171 ug/l
RT: 7.16 min Scan# 890
Delta R.T. 0.07 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.7 13.1#

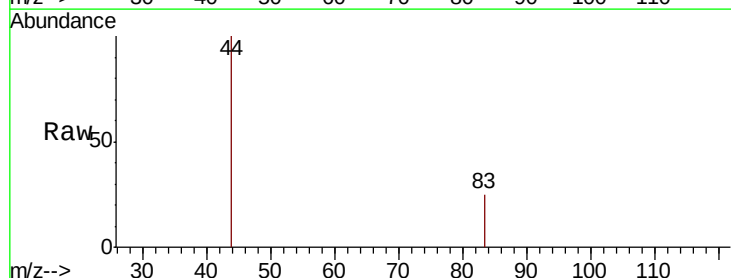


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

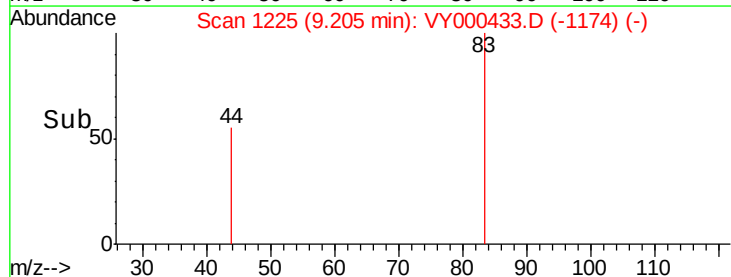
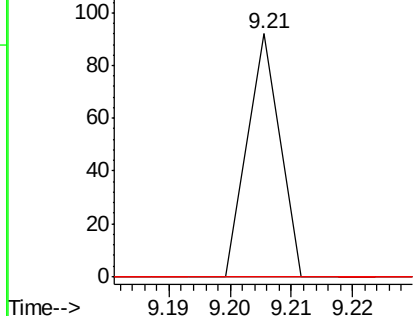


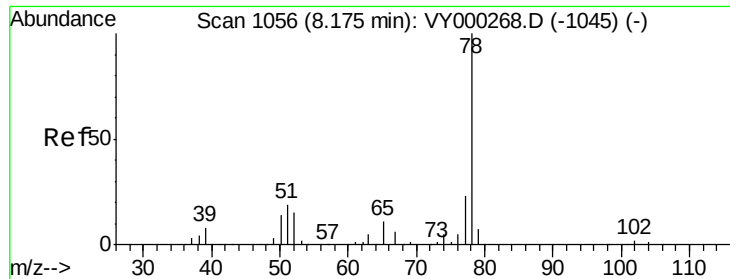
#39
Methylcyclohexane
Concen: 2.121 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 83 Resp: 34
Ion Ratio Lower Upper
83 100
55 0.0 60.9 91.3#
98 0.0 41.8 62.6#



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 1.384 ug/l

RT: 8.13 min Scan# 1048

Delta R.T. -0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

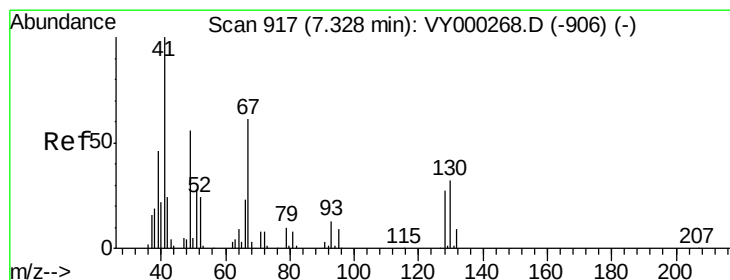
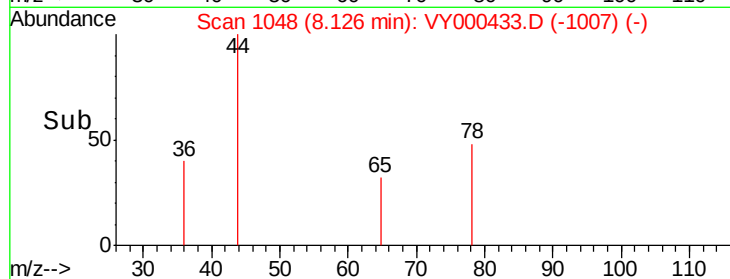
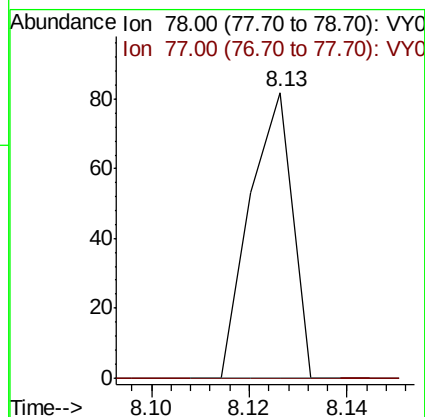
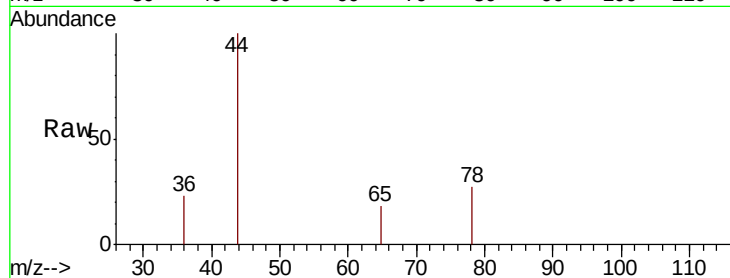
ClientSampled :

Tot Ion: 78 Resp: 49

Ion Ratio Lower Upper

78 100

77 0.0 18.8 28.2#



#41

Methacrylonitrile

Concen: 24.043 ug/l

RT: 7.31 min Scan# 914

Delta R.T. -0.02 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Tgt Ion: 41 Resp: 83

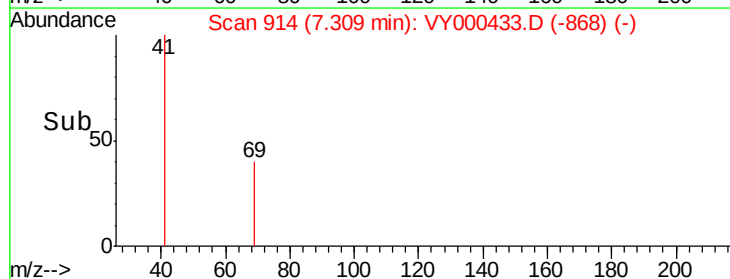
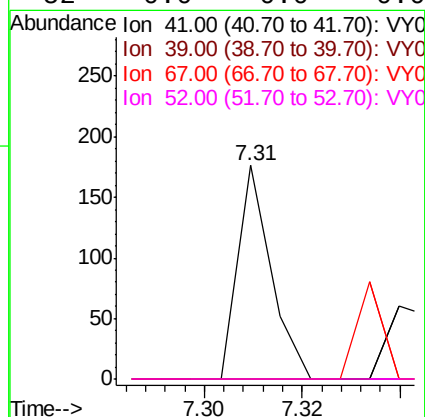
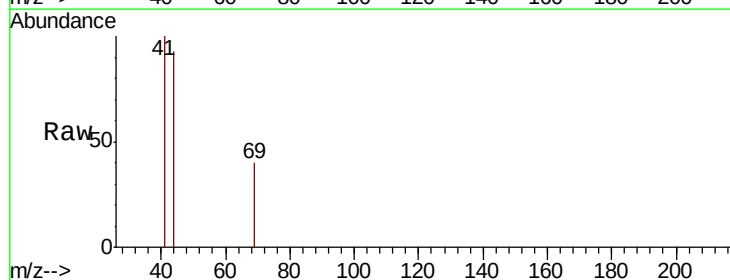
Ion Ratio Lower Upper

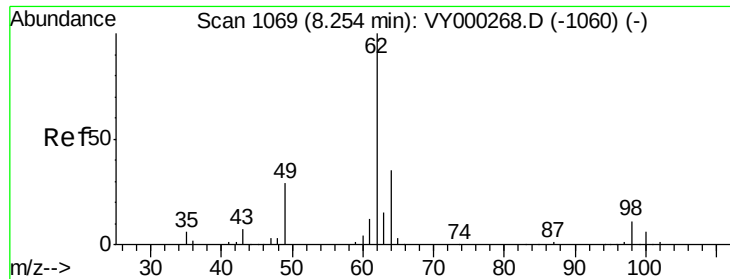
41 100

39 0.0 110.2 165.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

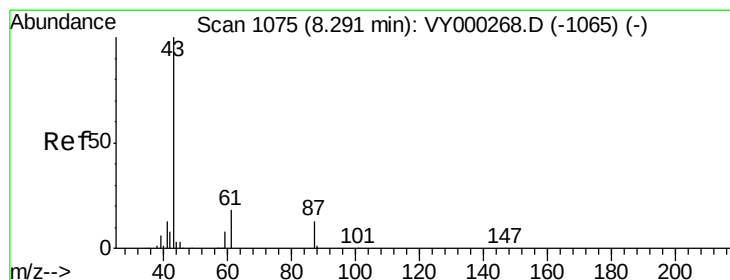
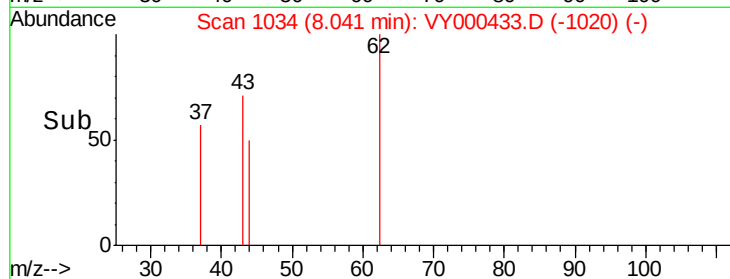
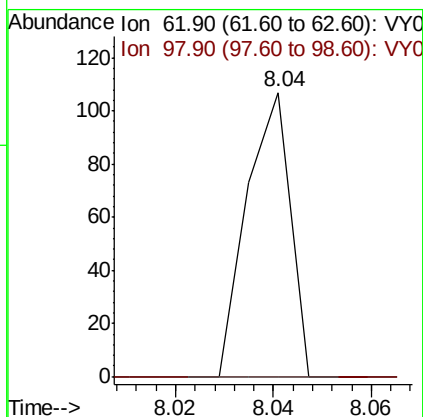
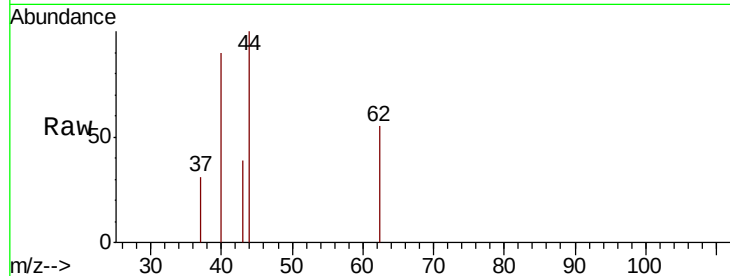




#42
 1,2-Dichloroethane
 Concen: 6.528 ug/l
 RT: 8.04 min Scan# 1034
 Delta R.T. -0.21 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

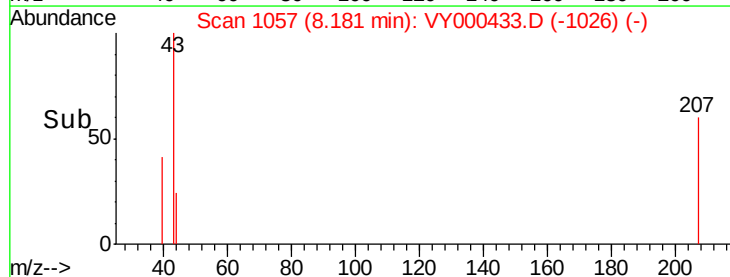
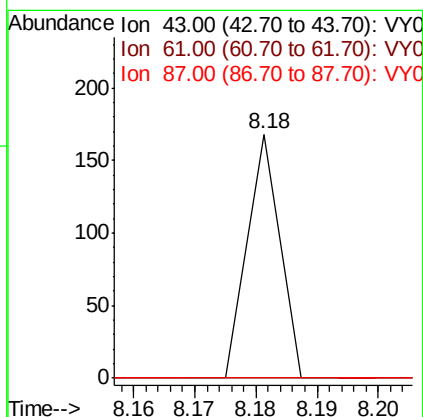
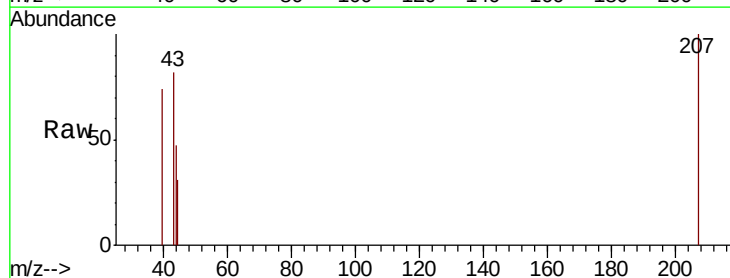
Instrument :
 MSVOA_Y
 ClientSampleId :

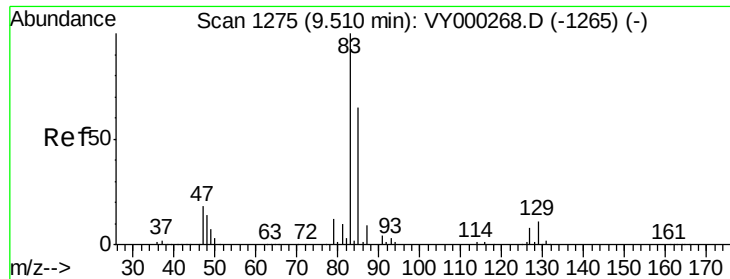
Tot Ion: 62 Resp: 66
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.6



#43
 Isopropyl Acetate
 Concen: 4.424 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. -0.11 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.3 33.5#
 87 0.0 10.9 16.3#





#47

Bromodichloromethane

Concen: 2.447 ug/l

RT: 9.60 min Scan# 1290

Delta R.T. 0.09 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

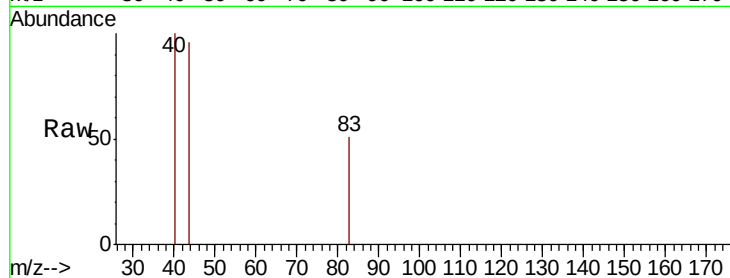
Tot Ion: 83 Resp: 28

Ion Ratio Lower Upper

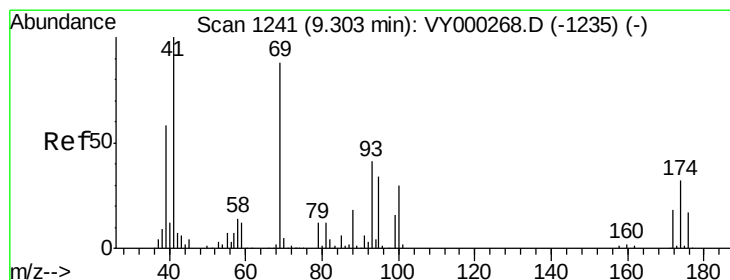
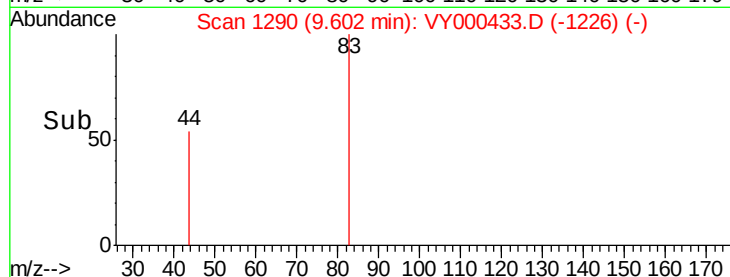
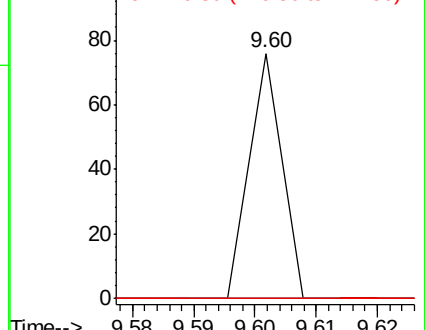
83 100

85 0.0 52.2 78.2#

127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 3.806 ug/l

RT: 9.36 min Scan# 1251

Delta R.T. 0.06 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

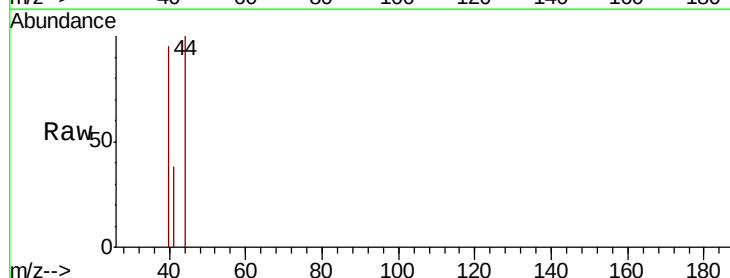
Tgt Ion: 41 Resp: 23

Ion Ratio Lower Upper

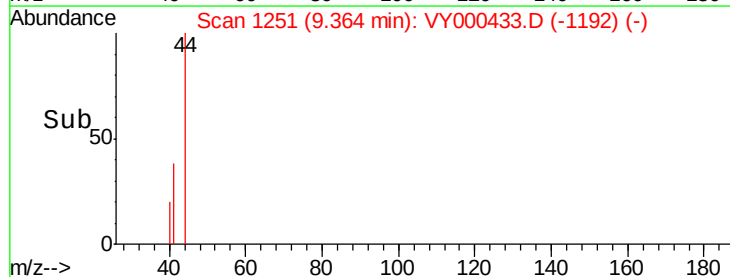
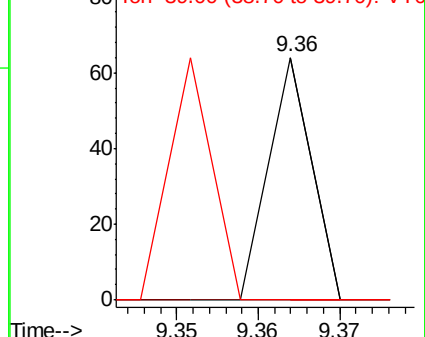
41 100

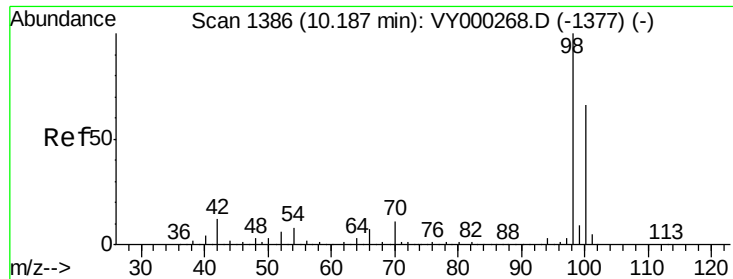
69 0.0 70.0 105.0#

39 100.0 47.7 71.5#



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

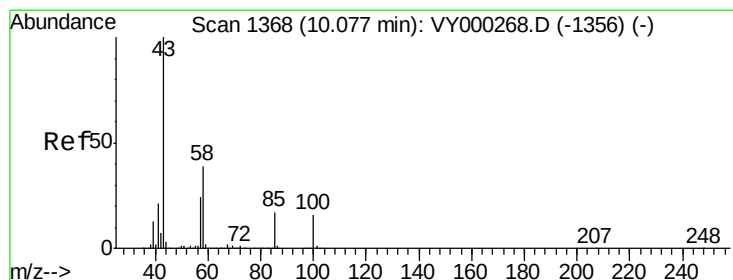
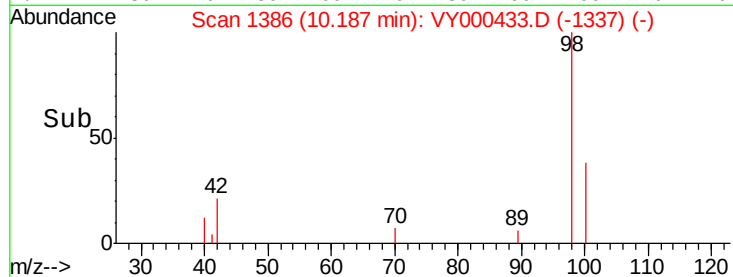
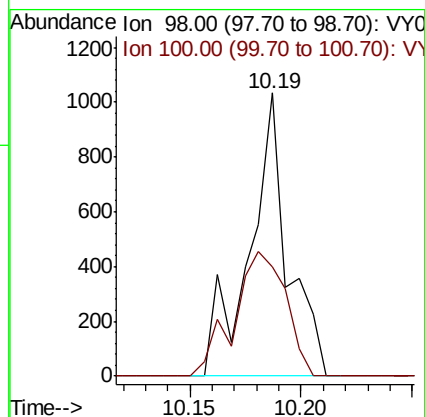
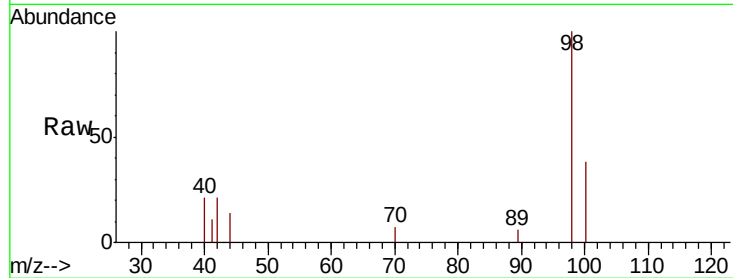




#50
Toluene-d8
Concen: 42.717 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

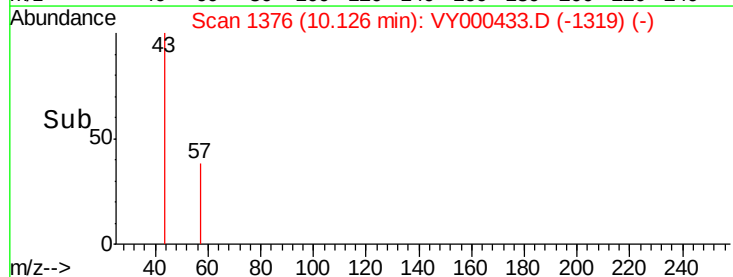
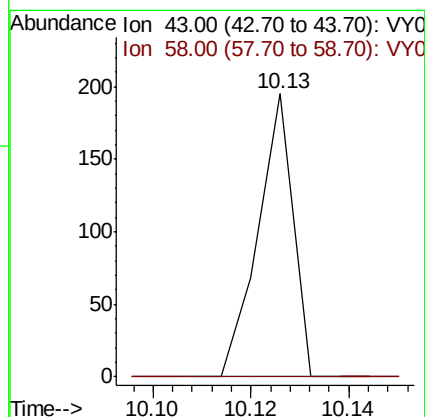
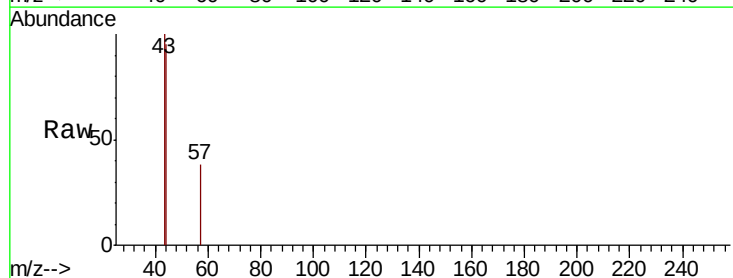
Instrument :
MSVOA_Y
ClientSampled :

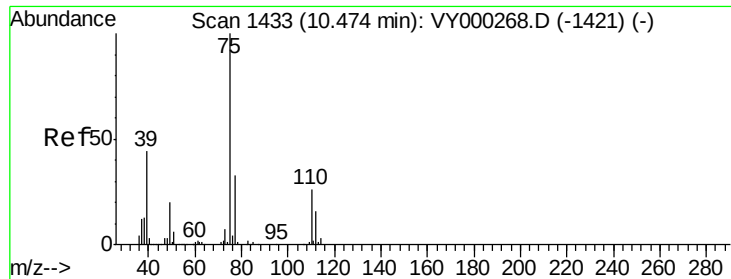
Tot Ion: 98 Resp: 1240
Ion Ratio Lower Upper
98 100
100 59.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 13.498 ug/l
RT: 10.13 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.6#





#53

t-1,3-Dichloropropene

Concen: 10.111 ug/l

RT: 10.49 min Scan# 1436

Delta R.T. 0.02 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

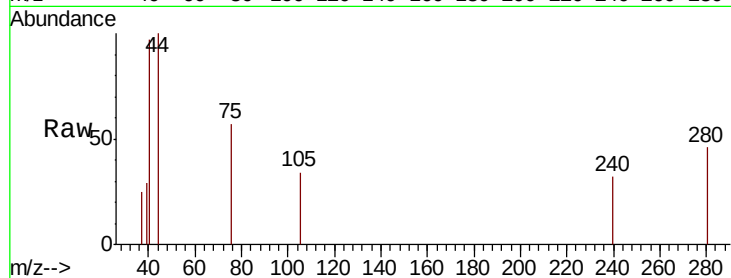
ClientSampled :

Tot Ion: 75 Resp: 124

Ion Ratio Lower Upper

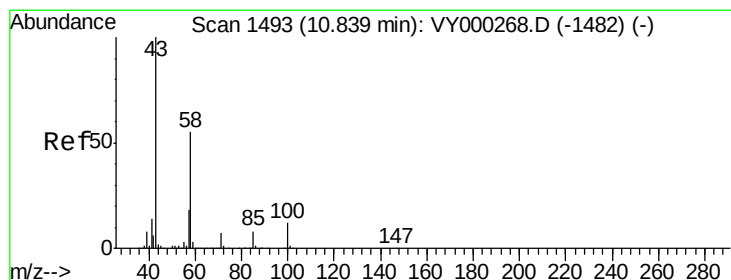
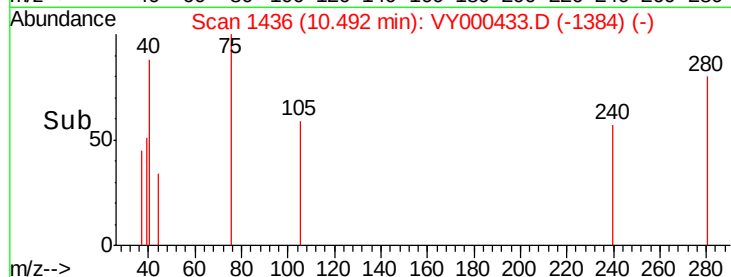
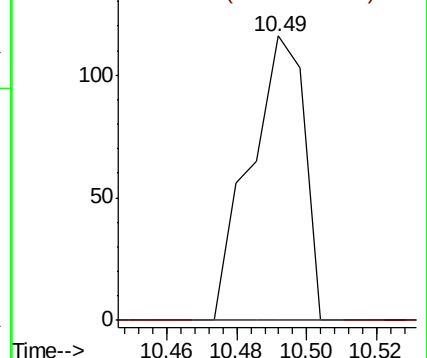
75 100

77 0.0 26.0 39.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#59

2-Hexanone

Concen: 14.222 ug/l

RT: 10.88 min Scan# 1499

Delta R.T. 0.04 min

Lab File: VY000433.D

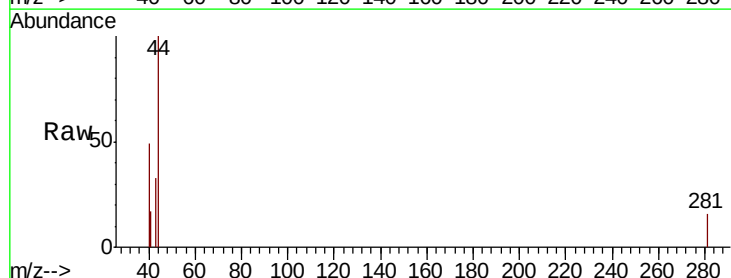
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

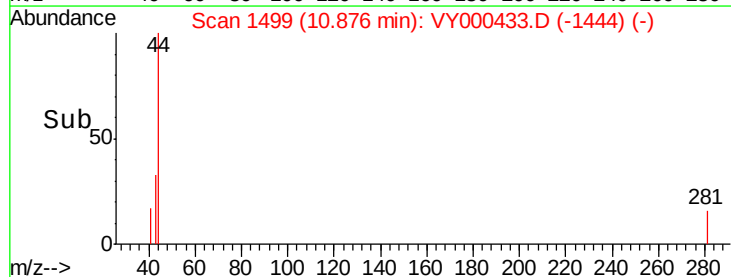
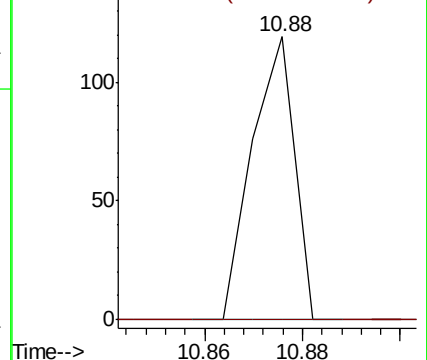
43 100

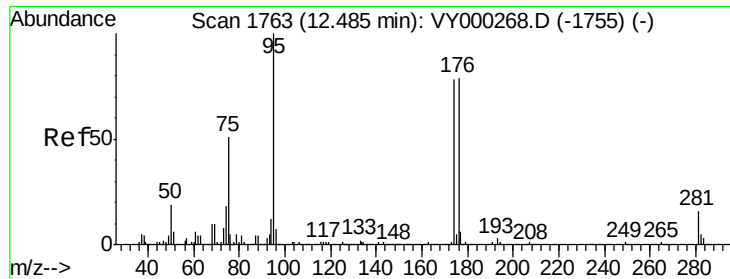
58 0.0 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#62

4-Bromofluorobenzene

Concen: 1.814 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

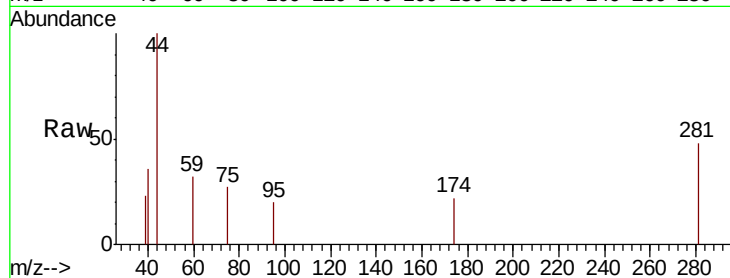
Tot Ion: 95 Resp: 20

Ion Ratio Lower Upper

95 100

174 430.0 0.0 159.6#

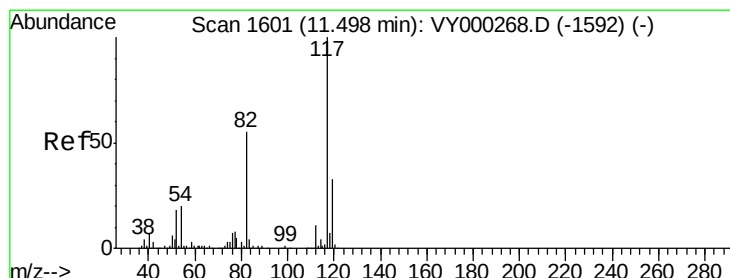
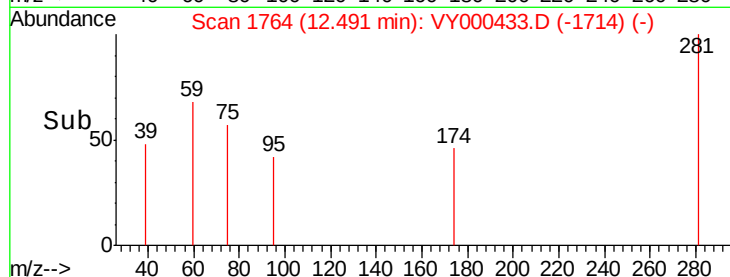
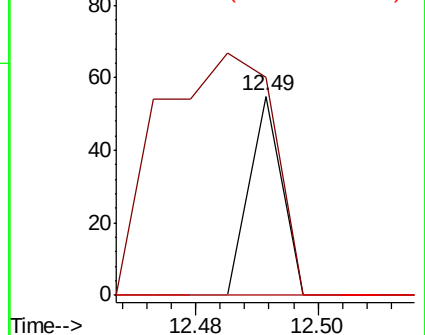
176 0.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

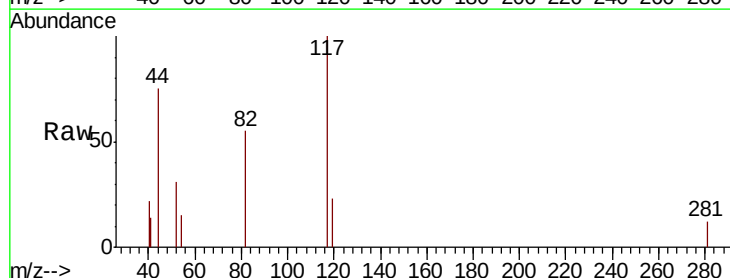
Tgt Ion: 117 Resp: 640

Ion Ratio Lower Upper

117 100

82 54.9 43.7 65.5

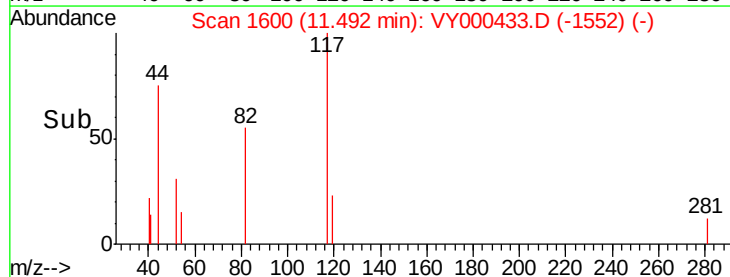
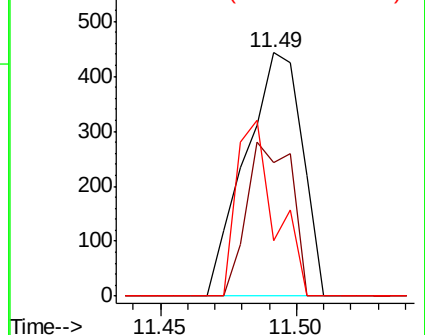
119 22.8 26.6 39.8#

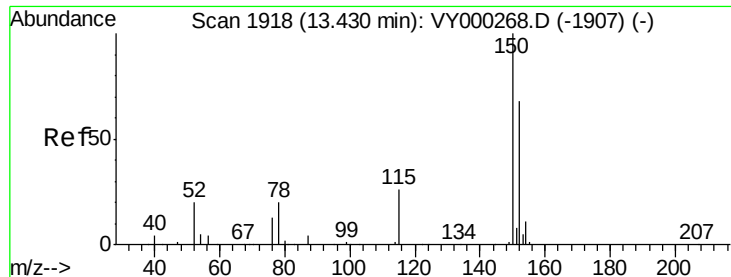


Abundance Ion 116.90 (116.60 to 117.60): VY000268.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY000268.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY000268.D (-1592) (-)

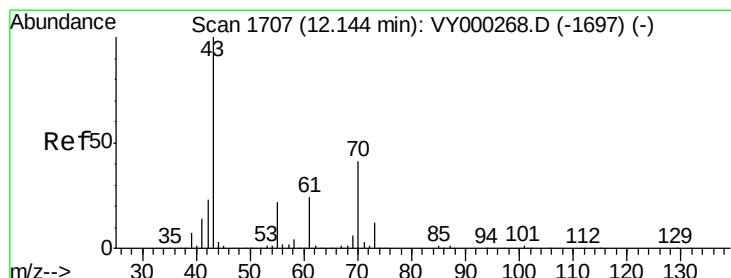
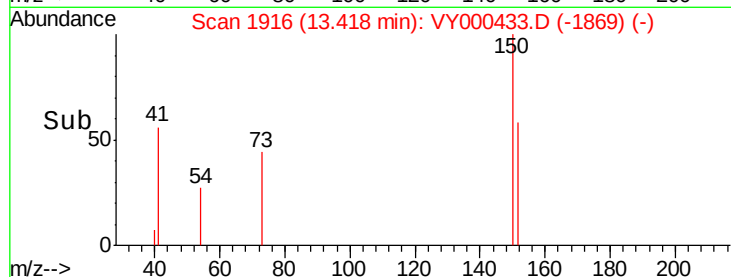
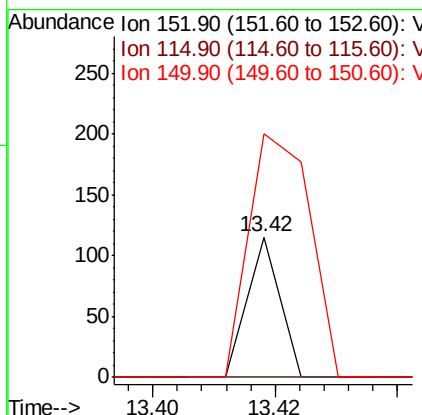
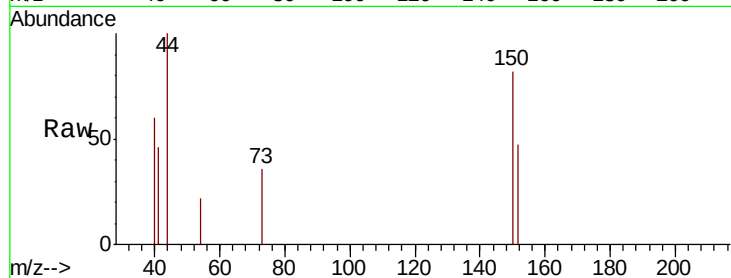




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

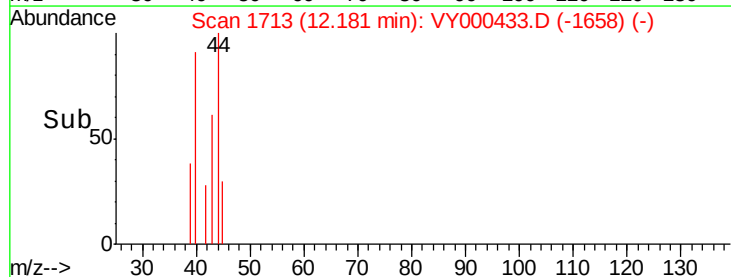
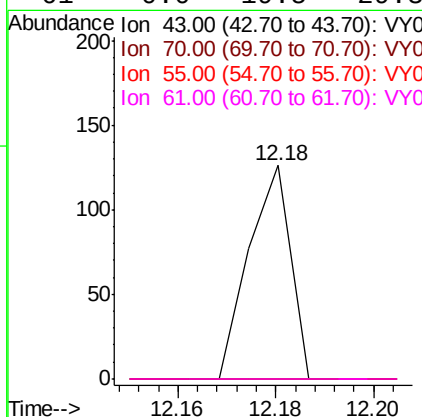
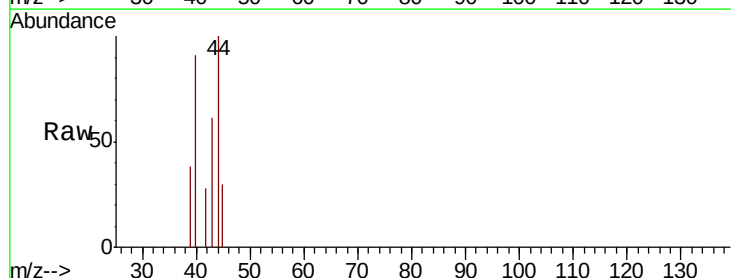
Instrument :
 MSVOA_Y
 ClientSampleId :

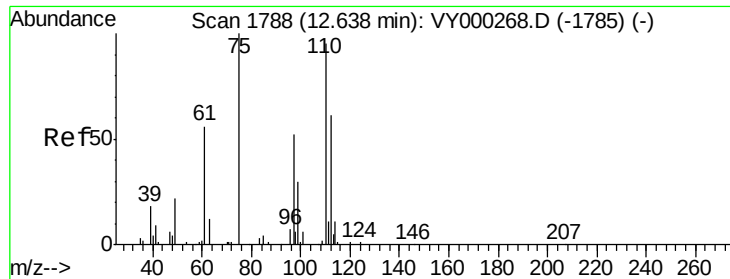
Tot Ion:152 Resp: 42
 Ion Ratio Lower Upper
 152 100
 115 0.0 29.3 88.0#
 150 328.6 0.0 348.4



#74
 N-amyl acetate
 Concen: 92.042 ug/l
 RT: 12.18 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 74
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 0.0 17.8 26.6#
 61 0.0 19.5 29.3#

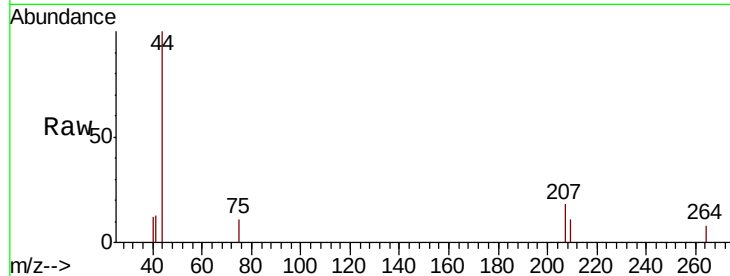




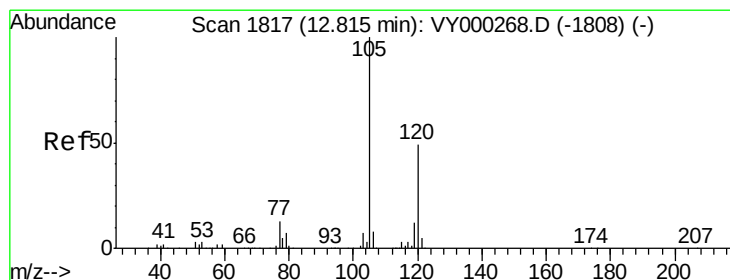
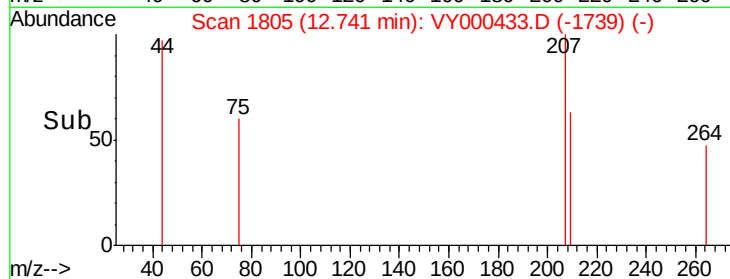
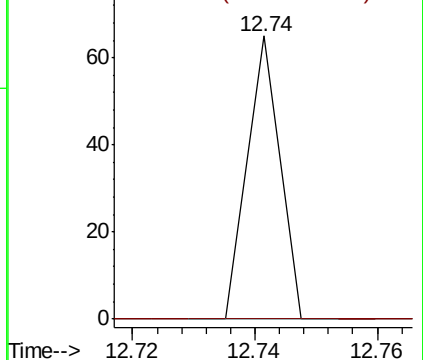
#76
 1,2,3-Trichloropropane
 Concen: 46.471 ug/l
 RT: 12.74 min Scan# 1805
 Delta R.T. 0.10 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 24
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

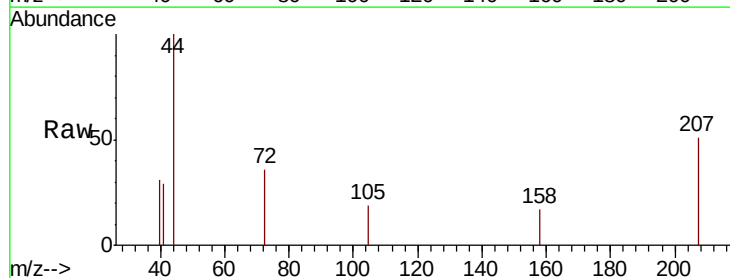


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 77.00 (76.70 to 77.70): VY0

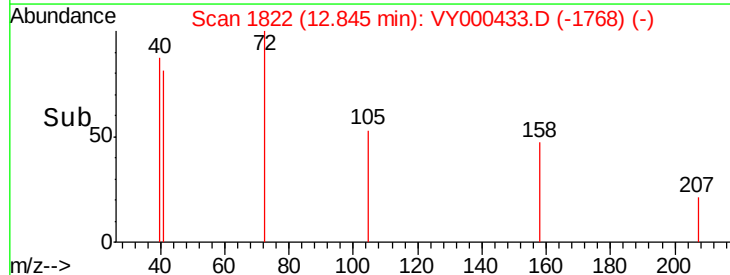
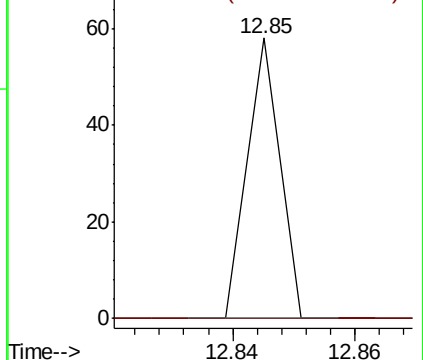


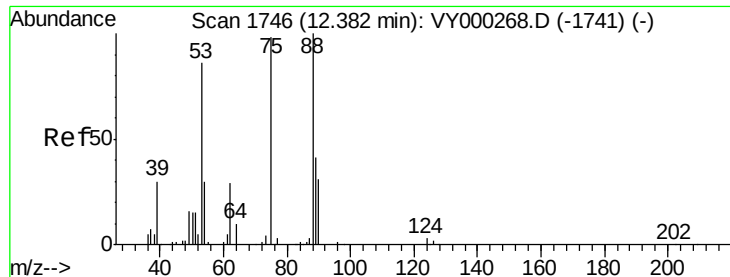
#80
 1,3,5-Trimethylbenzene
 Concen: 7.647 ug/l
 RT: 12.85 min Scan# 1822
 Delta R.T. 0.03 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 105 Resp: 21
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.9 74.8#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 410.939 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampled :

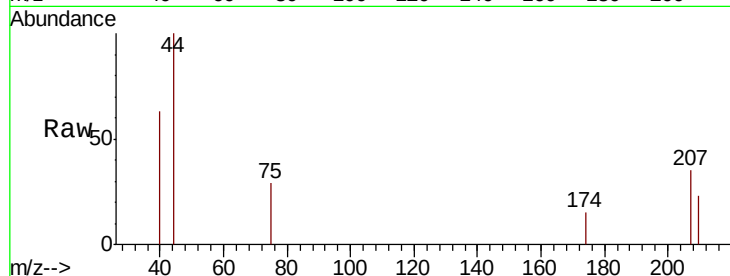
Tot Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

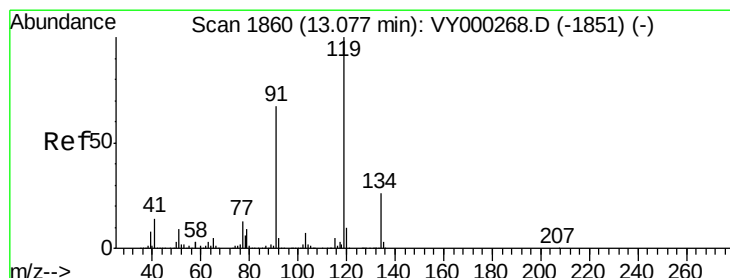
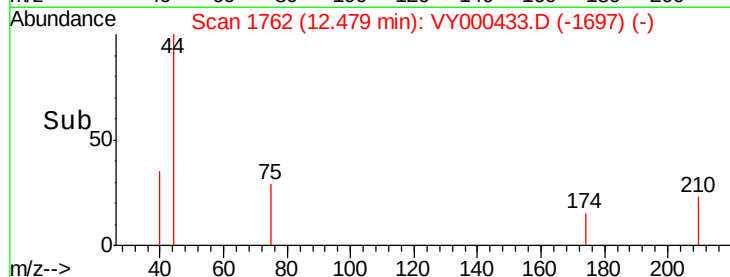
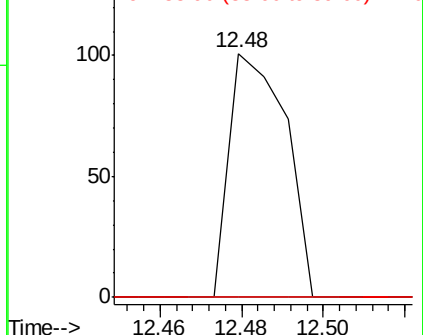
89 0.0 35.1 52.7#



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



#83

tert-Butylbenzene

Concen: 21.501 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.20 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

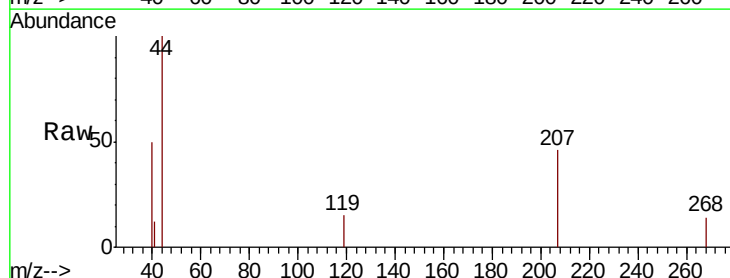
Tgt Ion: 119 Resp: 50

Ion Ratio Lower Upper

119 100

91 0.0 32.9 98.7#

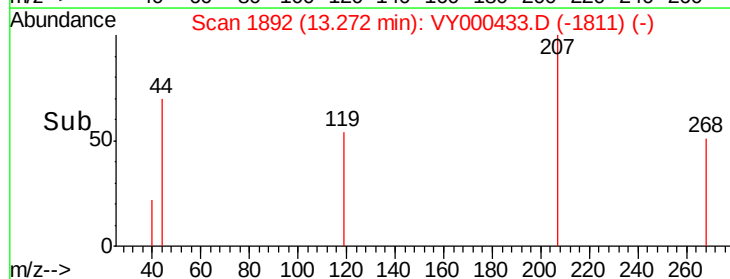
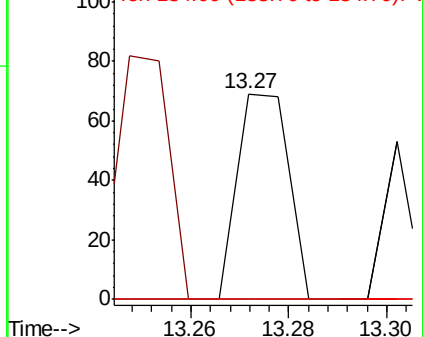
134 0.0 13.3 39.8#

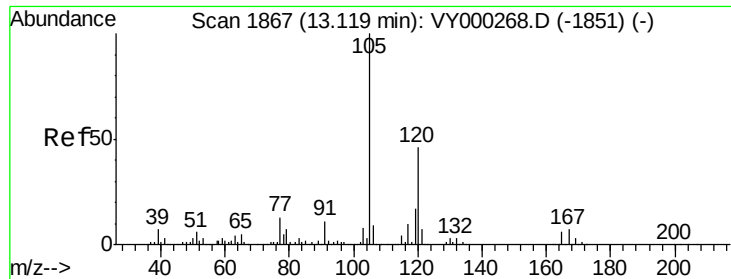


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V

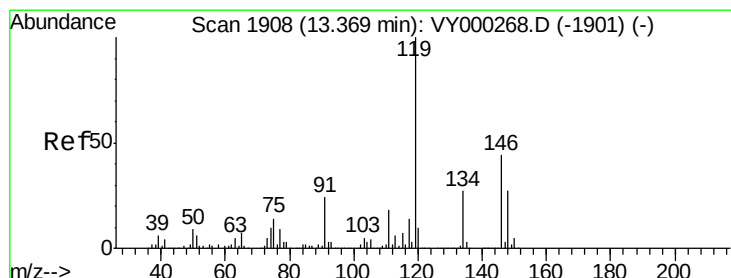
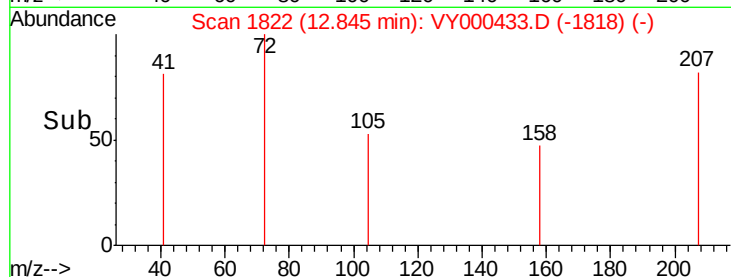
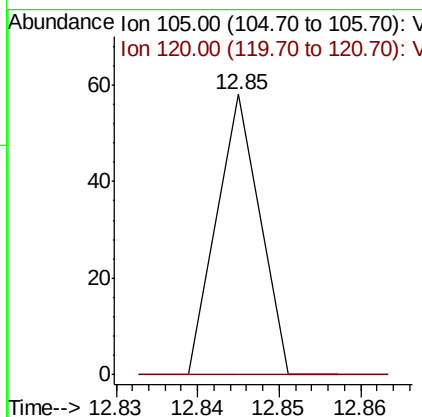
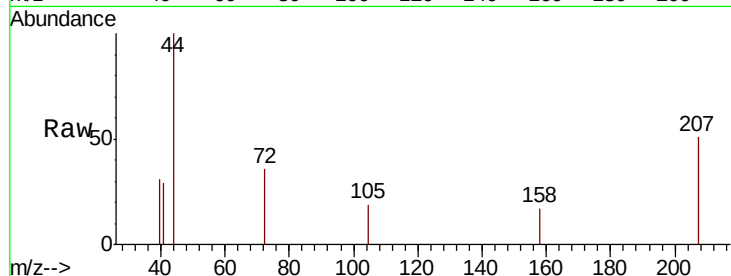




#84
 1,2,4-Trimethylbenzene
 Concen: 7.748 ug/l
 RT: 12.85 min Scan# 1822
 Delta R.T. -0.27 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

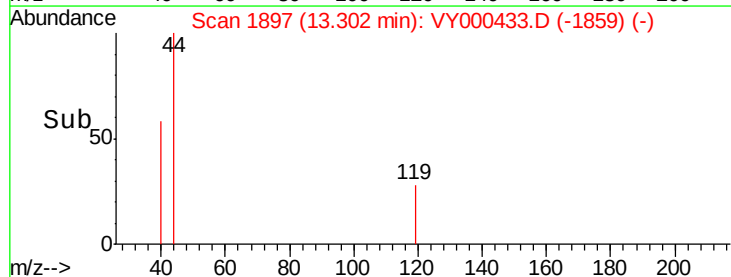
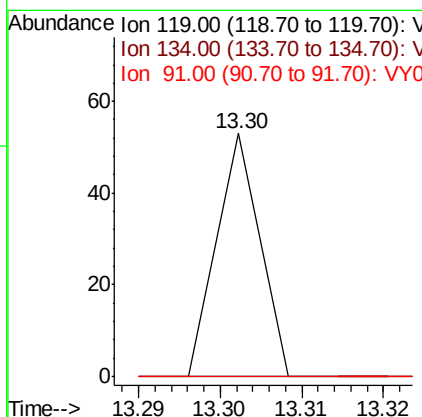
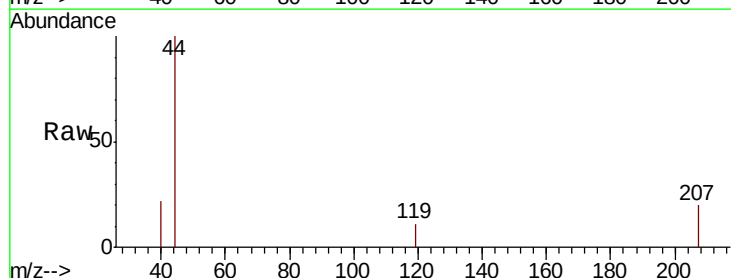
Instrument :
 MSVOA_Y
 ClientSampleId :

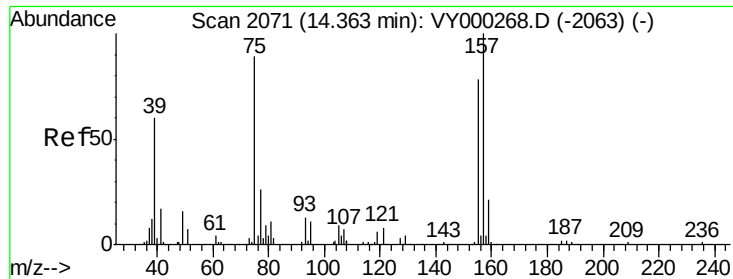
Tot Ion:105 Resp: 21
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#



#86
 p-Isopropyltoluene
 Concen: 6.478 ug/l
 RT: 13.30 min Scan# 1897
 Delta R.T. -0.07 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion:119 Resp: 19
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.6 40.8#
 91 0.0 12.0 36.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 282.979 ug/l

RT: 14.28 min Scan# 2058

Delta R.T. -0.08 min

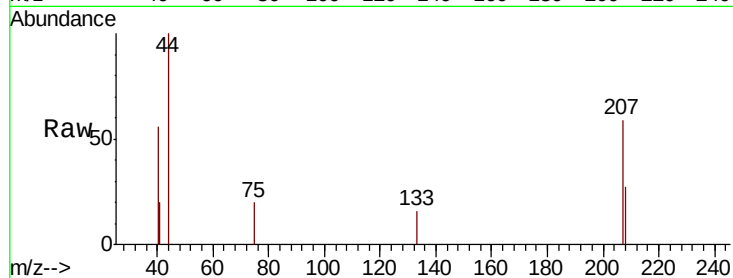
Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :



Tot Ion:	75	Resp:	33
Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.3#
157	0.0	55.6	166.9#

