

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000329.D
 Acq On : 16 Oct 2019 14:58
 Operator : SY/MD
 Sample : K5393-25
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:37:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	8986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	7218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	2605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	2960	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	
35) Dibromofluoromethane	7.72	113	509	9.39	ug/l	-0.01
Spiked Amount			Recovery	=	18.78%	
50) Toluene-d8	10.19	98	10555	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.48	95	3452	43.58	ug/l	0.00
Spiked Amount			Recovery	=	87.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.10	50	80	1.276	ug/l #	43
4) Vinyl Chloride	2.26	62	146	2.307	ug/l #	43
12) 1,1-Dichloroethene	3.81	96	67	1.293	ug/l #	1
13) Acrolein	3.95	56	32	4.819	ug/l #	67
15) Acrylonitrile	5.18	53	24	1.402	ug/l #	19
16) Acetone	3.95	43	500	28.526	ug/l #	42
20) Methylene Chloride	4.73	84	225	Below Cal	#	55
21) trans-1,2-Dichloroethene	5.13	96	75	1.261	ug/l #	1
25) 2-Butanone	7.01	43	73	2.957	ug/l #	48
29) Tetrahydrofuran	7.30	42	26	1.738	ug/l #	34
36) 1,1-Dichloropropene	7.81	75	414	4.706	ug/l #	40
38) Carbon Tetrachloride	7.80	117	798	9.368	ug/l #	14
41) Methacrylonitrile	7.28	41	90	3.630	ug/l #	18
49) 1,4-Dioxane	9.57	88	26	49.716	ug/l #	1
51) 4-Methyl-2-Pentanone	10.06	43	63	1.233	ug/l #	36
59) 2-Hexanone	10.85	43	131	3.653	ug/l #	24
67) Ethyl Benzene	11.60	91	305	1.080	ug/l #	43
68) m/p-Xylenes	11.71	106	146	1.352	ug/l #	1
69) o-Xylene	12.03	106	168	1.631	ug/l #	16
73) Isopropylbenzene	12.34	105	244	1.201	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.59	83	56	1.468	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	60	1.873	ug/l #	100
77) Bromobenzene	12.62	156	71	1.571	ug/l #	41
78) n-propylbenzene	12.67	91	270	1.107	ug/l #	53
79) 2-Chlorotoluene	12.77	91	207	1.537	ug/l #	61
81) trans-1,4-Dichloro-2-buten	12.48	75	1622	110.789	ug/l #	17
82) 4-Chlorotoluene	12.84	91	258	1.812	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.12	105	241	1.434	ug/l #	30
86) p-Isopropyltoluene	13.37	119	210	1.154	ug/l #	29
89) n-Butylbenzene	13.70	91	464	2.581	ug/l #	84
90) Hexachloroethane	13.81	117	35	1.039	ug/l #	13
91) 1,2-Dichlorobenzene	13.73	146	182	2.258	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	14.35	75	25	3.456	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	103	1.836	ug/l #	42

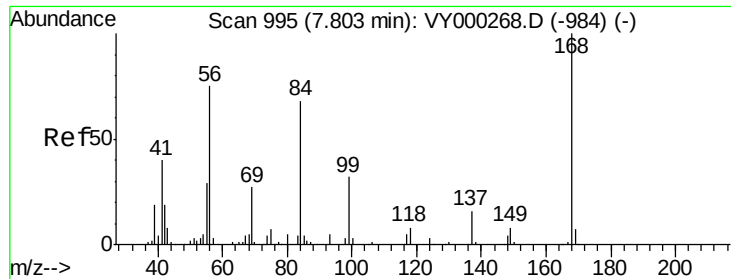
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
Data File : VY000329.D
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Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	84	2.766	ug/l #	19
95) Naphthalene	15.24	128	1174	9.375	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.42	180	194	3.836	ug/l #	40

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

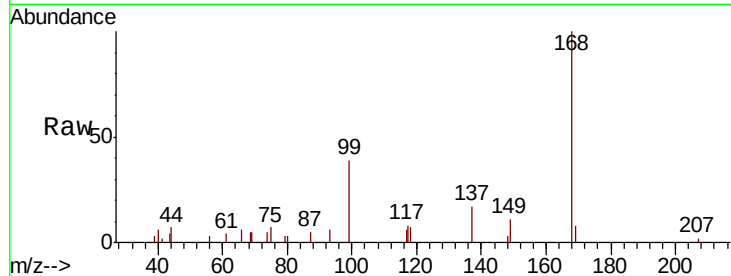
ClientSampleId :

Tot Ion:168 Resp: 5131

Ion Ratio Lower Upper

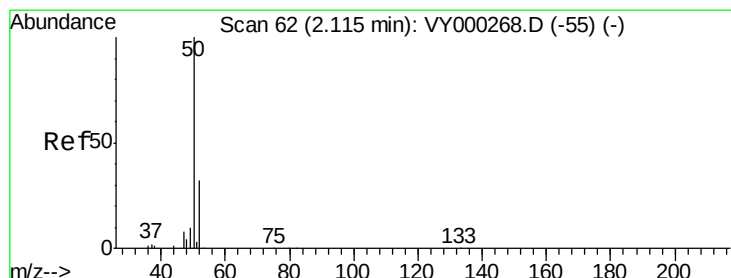
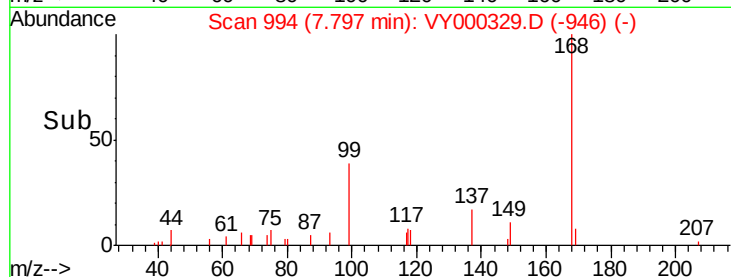
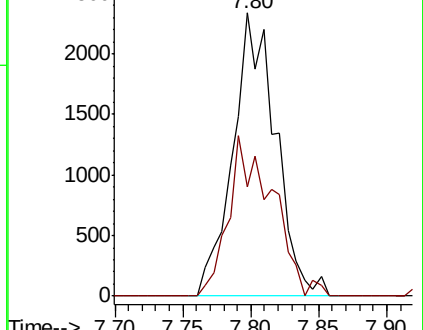
168 100

99 38.6 46.6 69.8#



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)



#3

Chloromethane

Concen: 1.276 ug/l

RT: 2.10 min Scan# 60

Delta R.T. -0.01 min

Lab File: VY000329.D

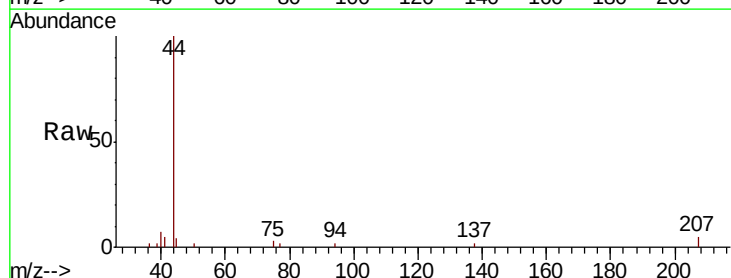
Acq: 16 Oct 2019 14:58

Tgt Ion: 50 Resp: 80

Ion Ratio Lower Upper

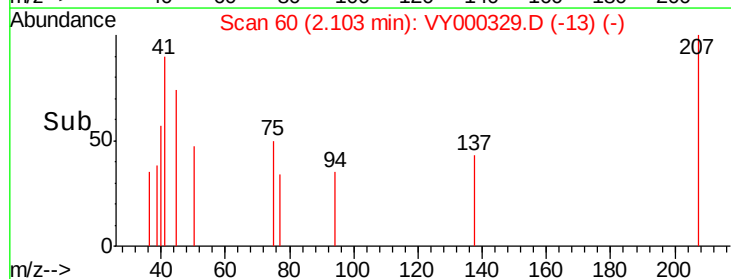
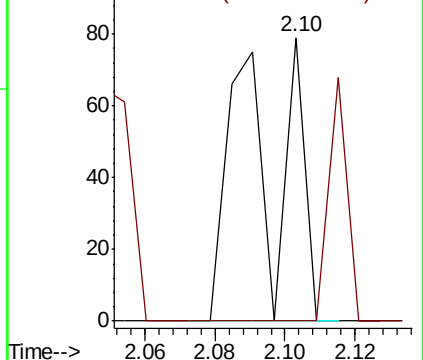
50 100

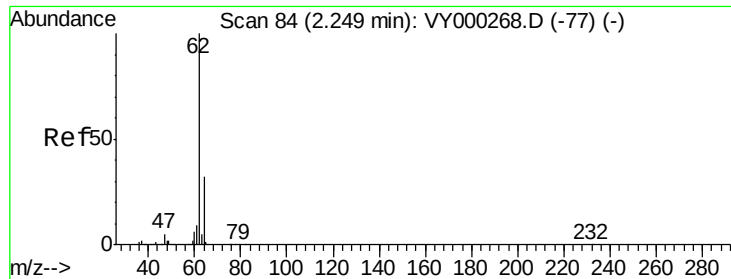
52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000268.D (-55) (-)





#4

Vinyl Chloride

Concen: 2.307 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

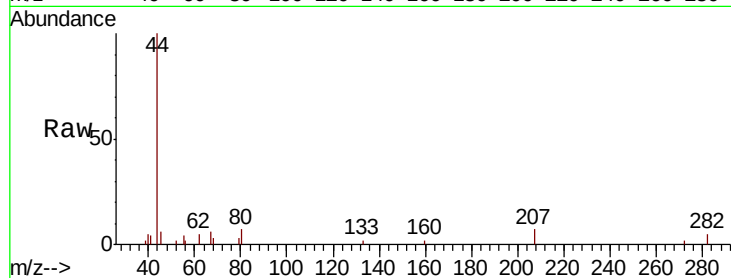
ClientSampleId :

Tot Ion: 62 Resp: 146

Ion Ratio Lower Upper

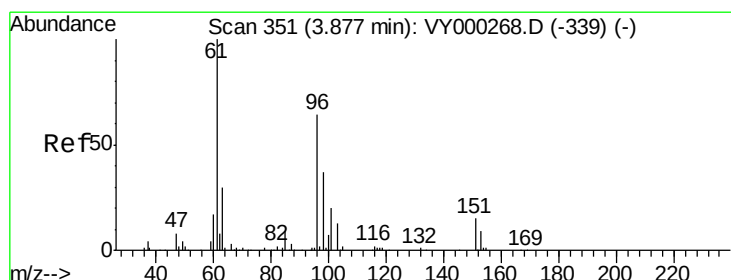
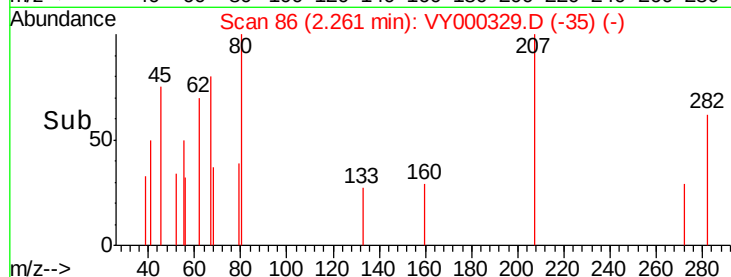
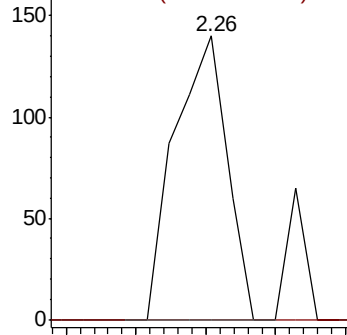
62 100

64 0.0 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



#12

1,1-Dichloroethene

Concen: 1.293 ug/l

RT: 3.81 min Scan# 340

Delta R.T. -0.07 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

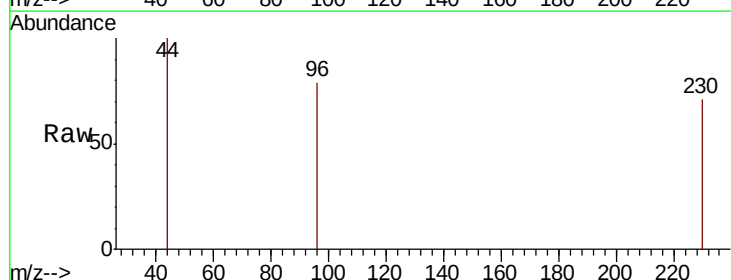
Tgt Ion: 96 Resp: 67

Ion Ratio Lower Upper

96 100

61 0.0 125.8 188.6#

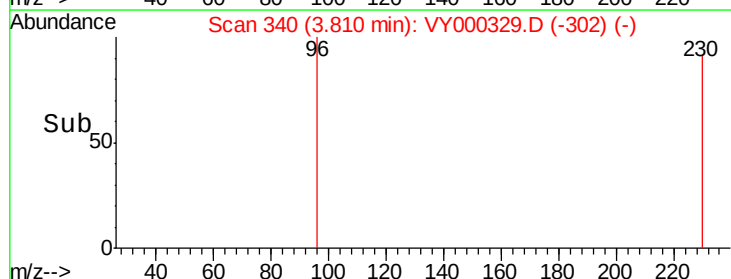
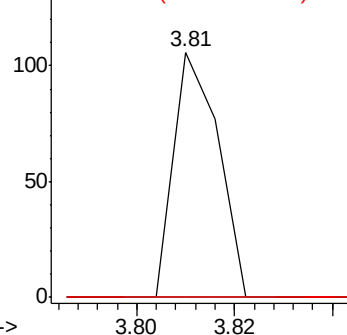
98 0.0 46.2 69.2#

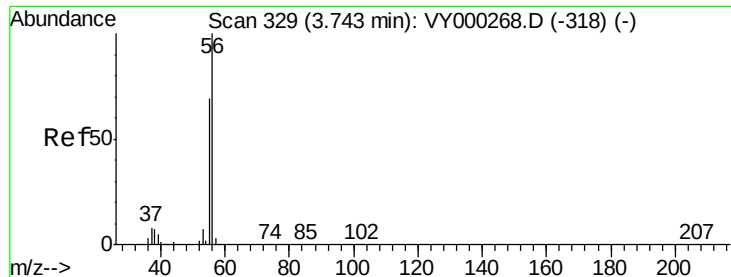


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 4.819 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.21 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

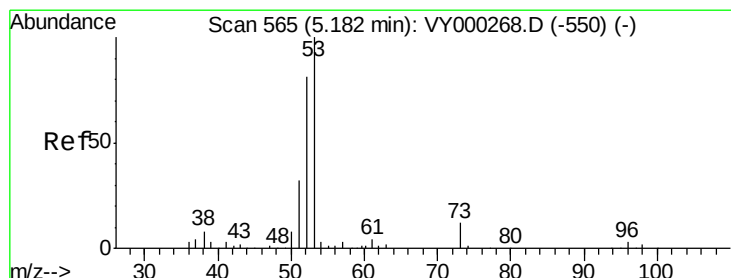
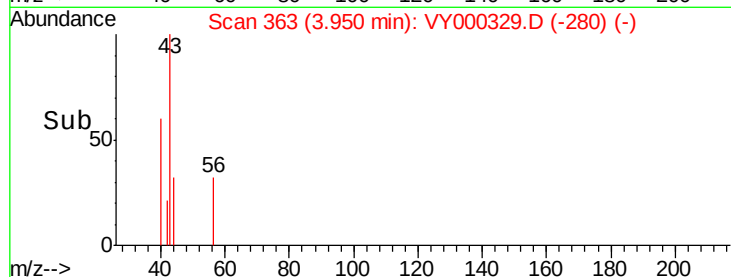
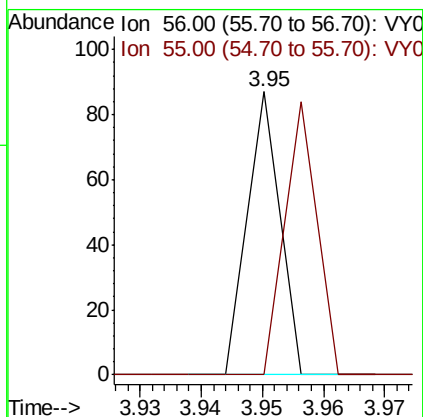
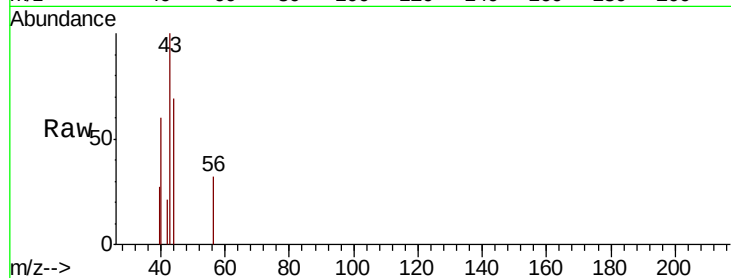
ClientSampleId :

Tot Ion: 56 Resp: 32

Ion Ratio Lower Upper

56 100

55 96.9 55.7 83.5#



#15

Acrylonitrile

Concen: 1.402 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

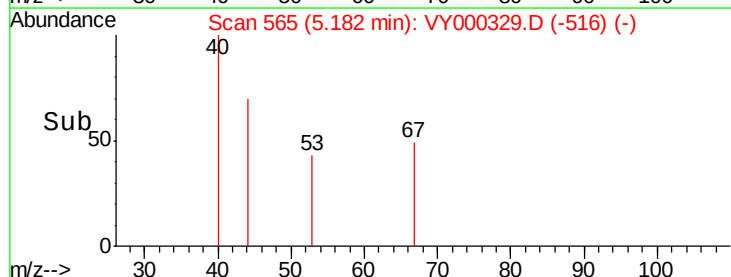
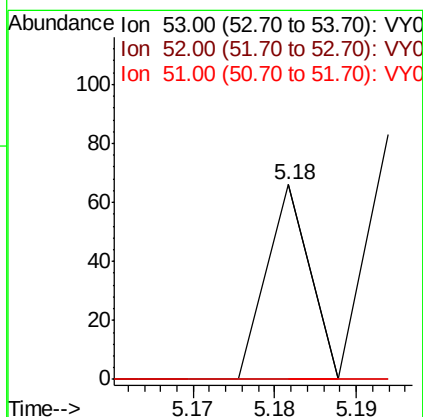
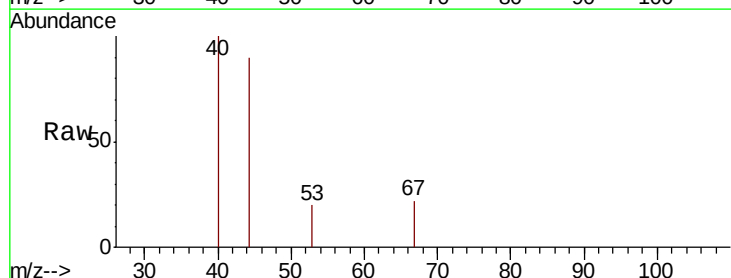
Tgt Ion: 53 Resp: 24

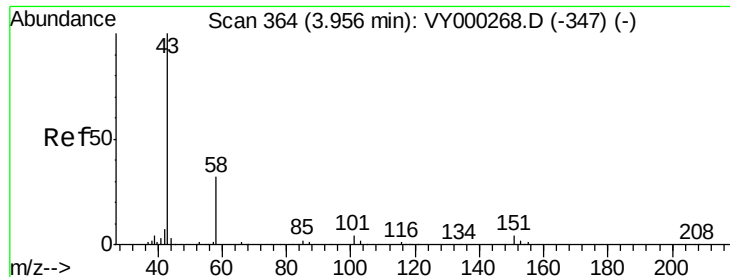
Ion Ratio Lower Upper

53 100

52 0.0 62.9 94.3#

51 0.0 26.9 40.3#

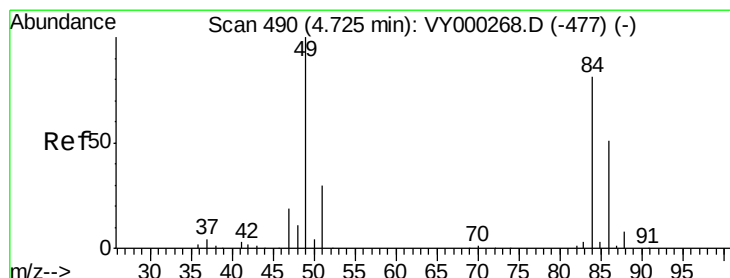
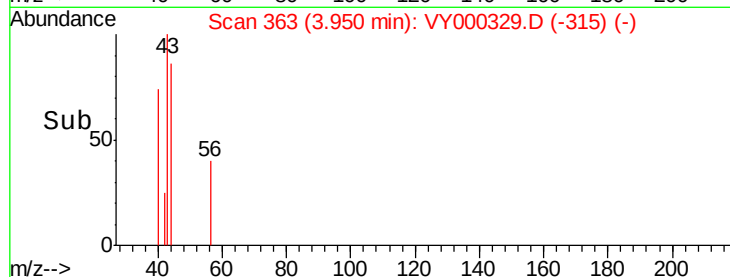
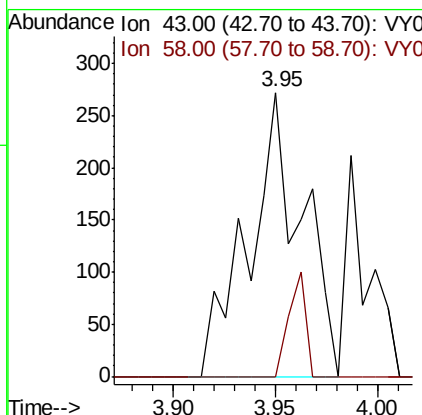
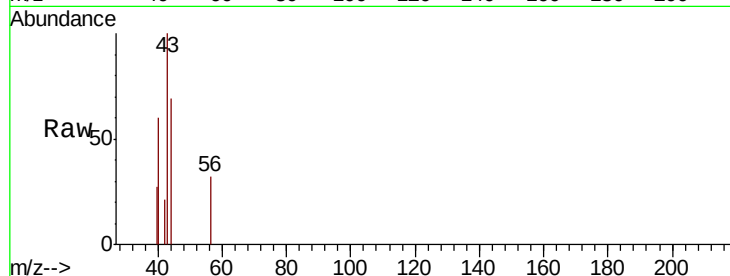




#16
Acetone
Concen: 28.526 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

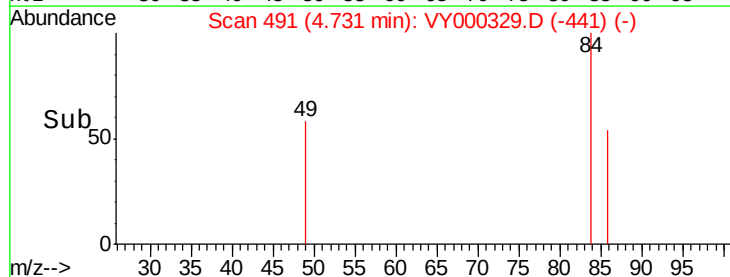
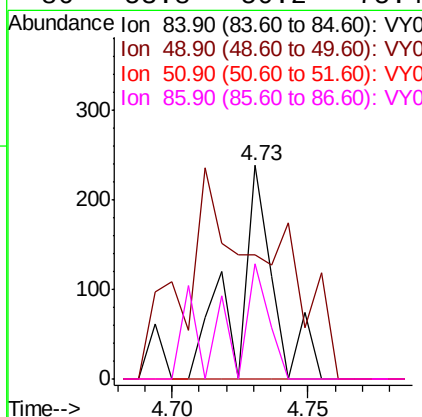
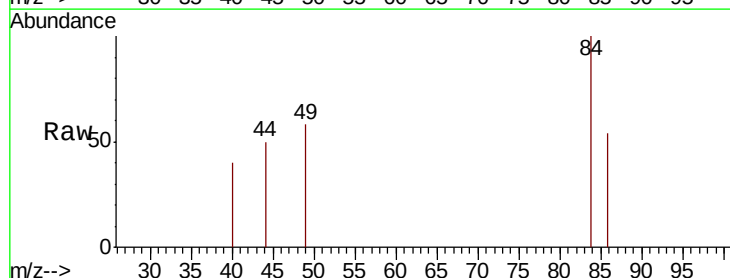
Instrument :
MSVOA_Y
ClientSampled :

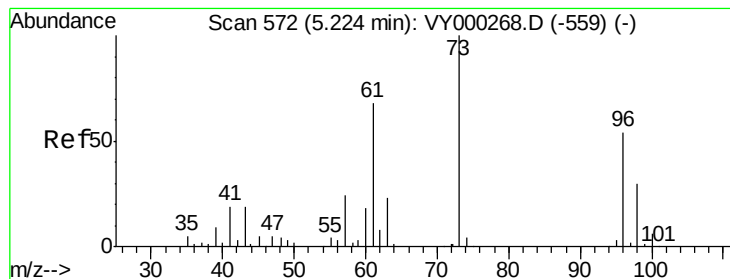
Tot Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 58.4 99.0 148.4#
51 0.0 29.3 43.9#
86 53.8 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 1.261 ug/l

RT: 5.13 min Scan# 557

Delta R.T. -0.09 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampled :

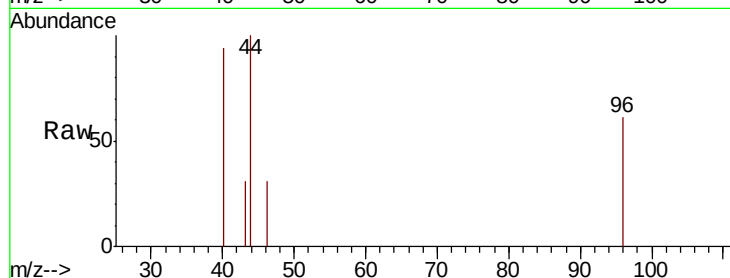
Tot Ion: 96 Resp: 75

Ion Ratio Lower Upper

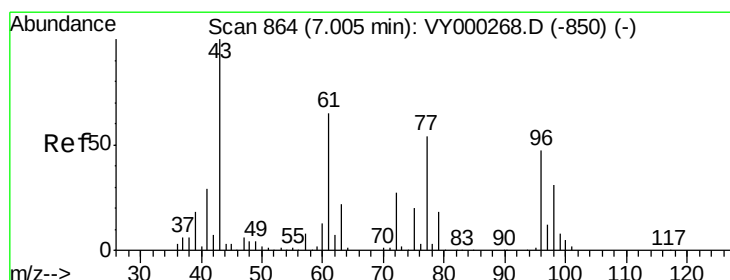
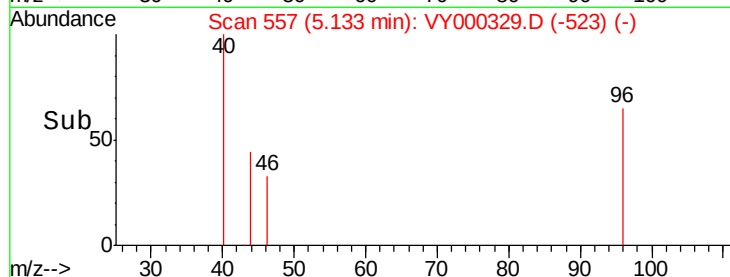
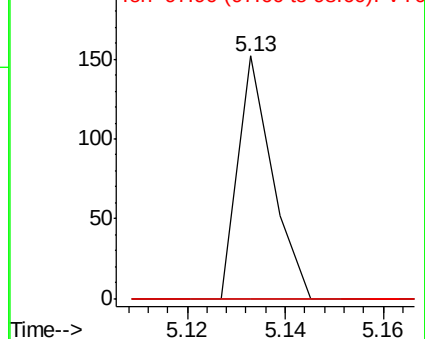
96 100

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



#25

2-Butanone

Concen: 2.957 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000329.D

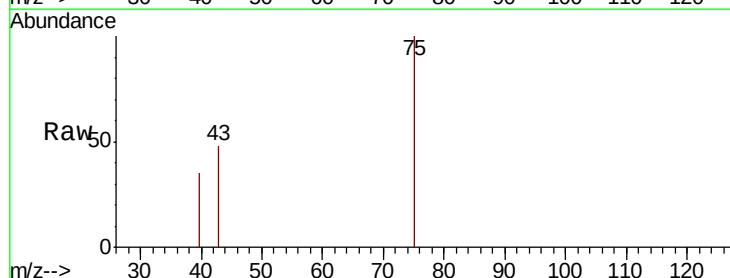
Acq: 16 Oct 2019 14:58

Tgt Ion: 43 Resp: 73

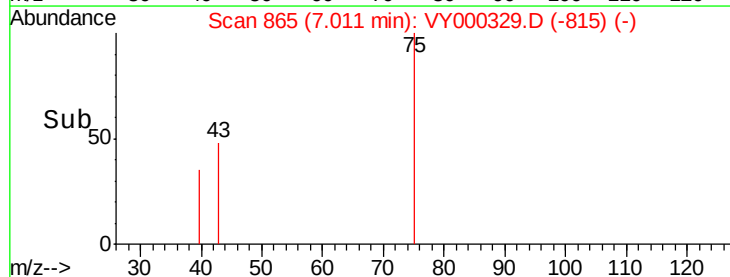
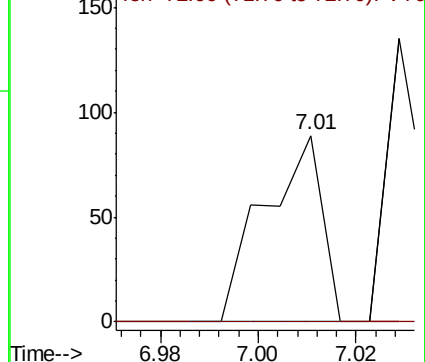
Ion Ratio Lower Upper

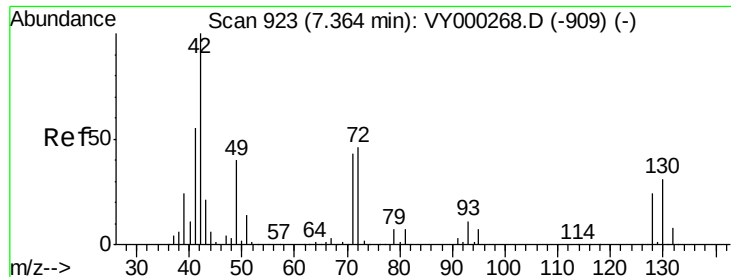
43 100

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





#29

Tetrahydrofuran

Concen: 1.738 ug/l

RT: 7.30 min Scan# 912

Delta R.T. -0.07 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

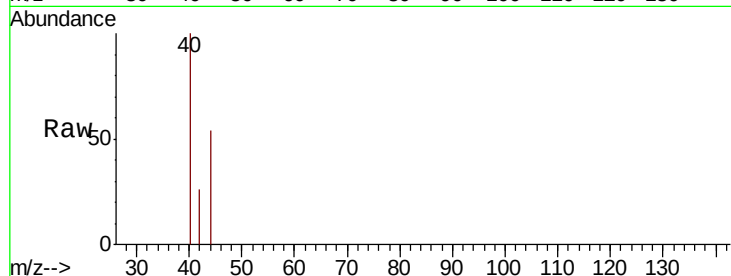
Tot Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

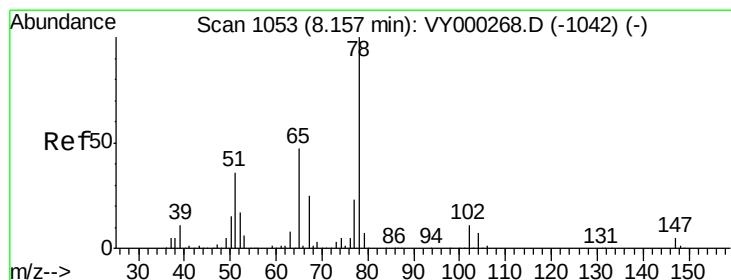
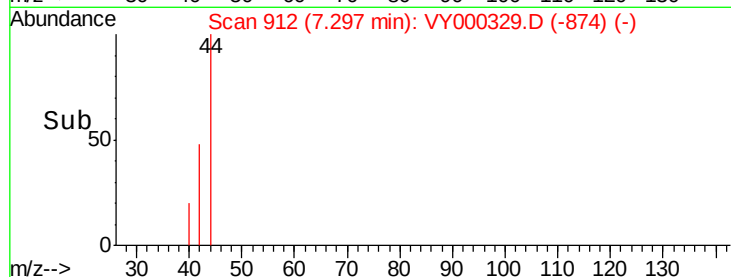
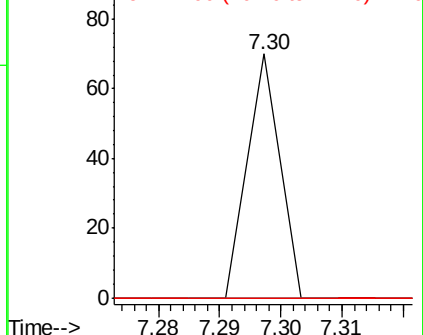
71 0.0 32.7 49.1#



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



#33

1,2-Dichloroethane-d4

Concen: 54.689 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000329.D

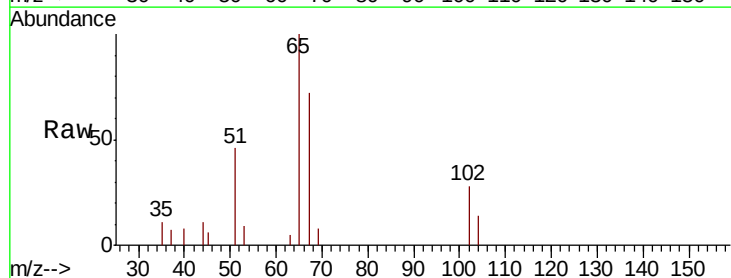
Acq: 16 Oct 2019 14:58

Tgt Ion: 65 Resp: 2960

Ion Ratio Lower Upper

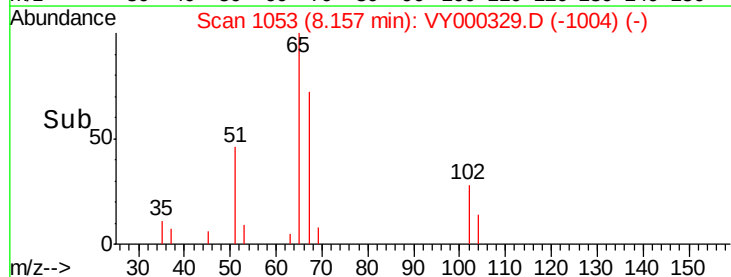
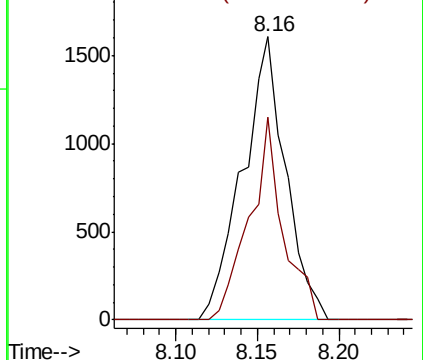
65 100

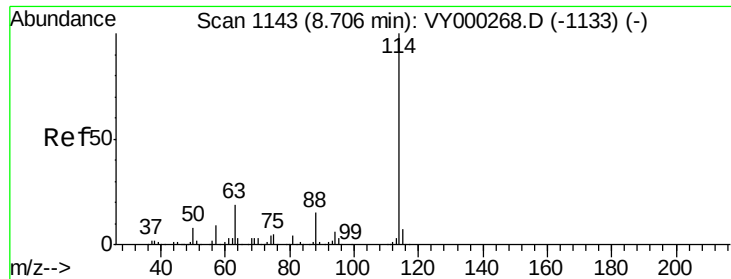
67 55.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

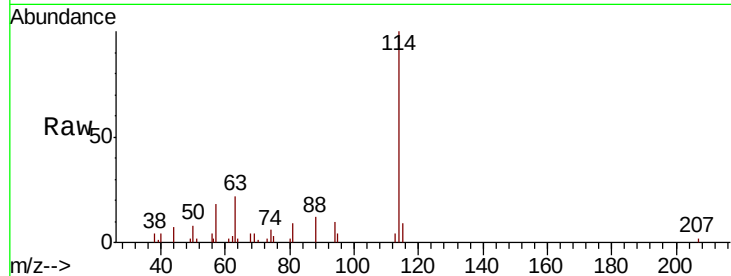




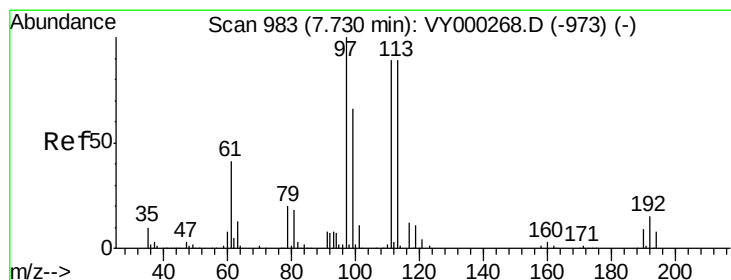
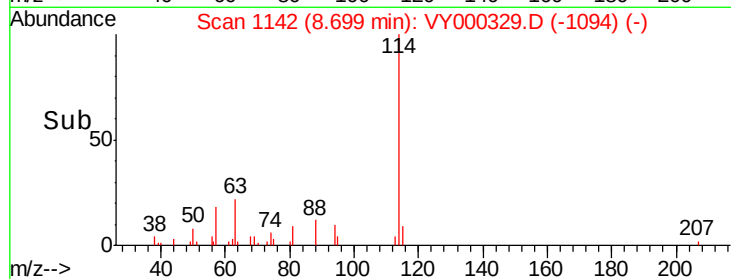
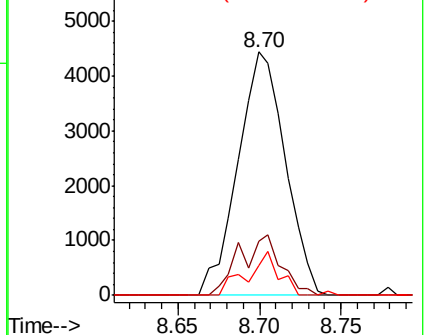
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 8986
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.2
 88 12.3 0.0 30.2

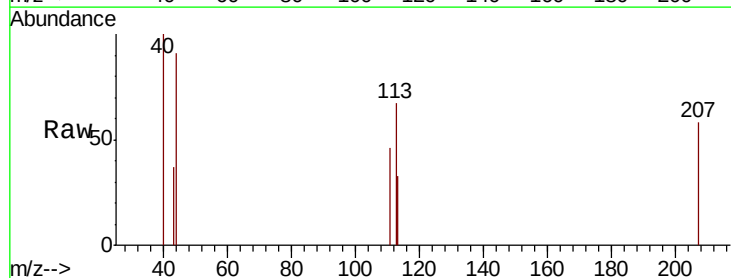


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

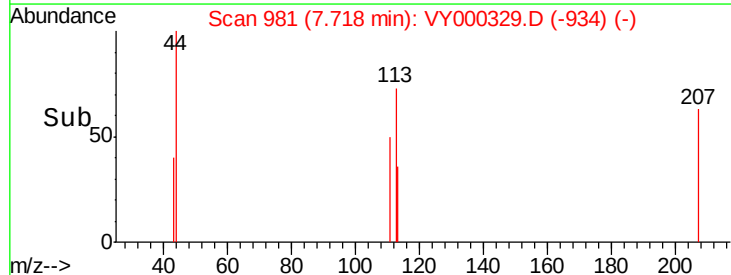
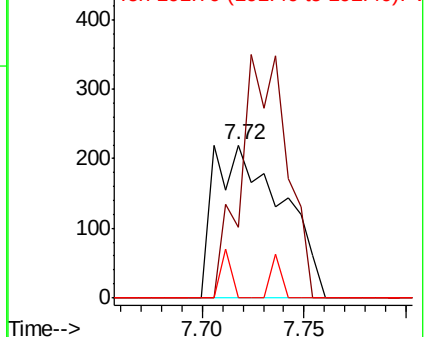


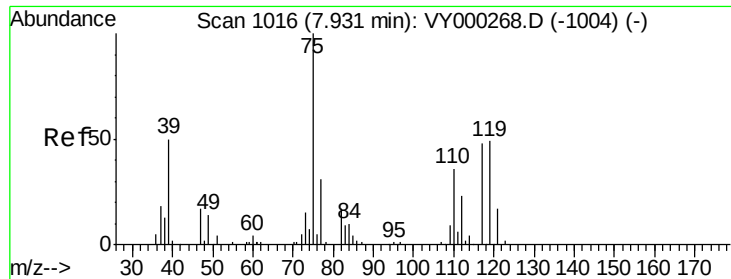
#35
 Dibromofluoromethane
 Concen: 9.390 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

Tgt Ion:113 Resp: 509
 Ion Ratio Lower Upper
 113 100
 111 108.4 81.6 122.4
 192 5.1 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

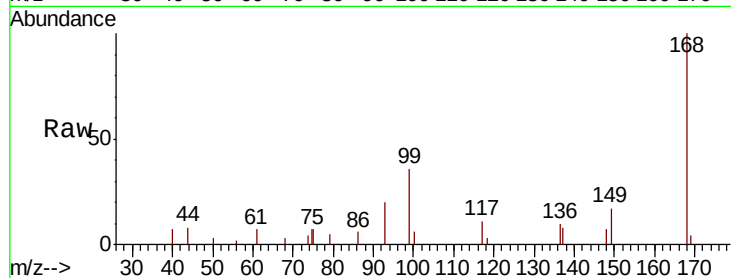




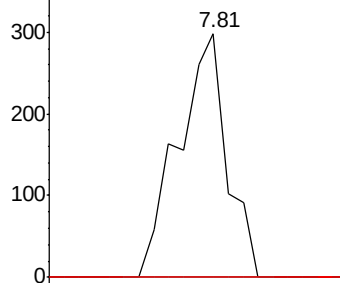
#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :

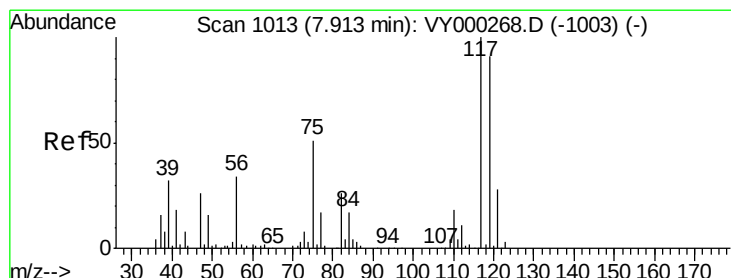
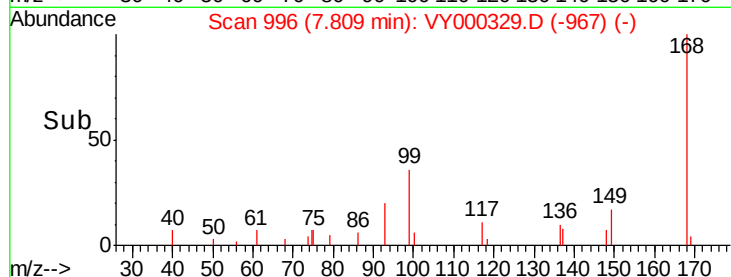
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.4#
77	0.0	25.0	37.6#



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

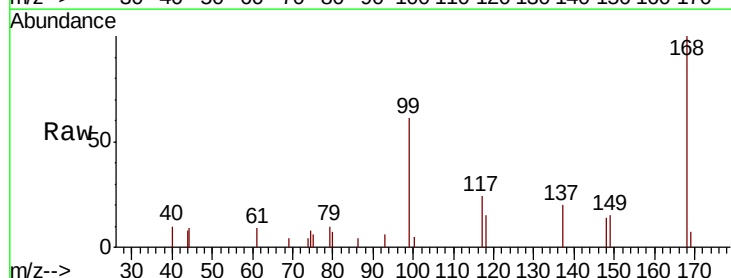


Time-->

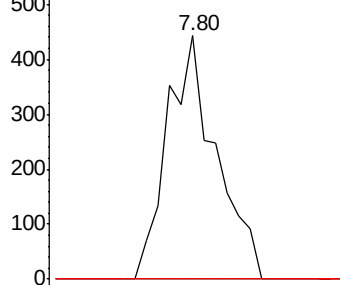


#38
 Carbon Tetrachloride
 Concen: 9.368 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

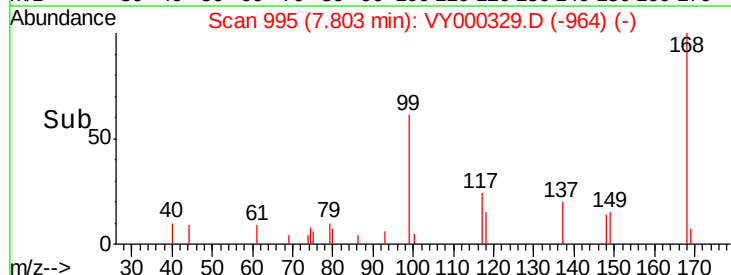
Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	72.8	109.2#
121	0.0	22.2	33.2#

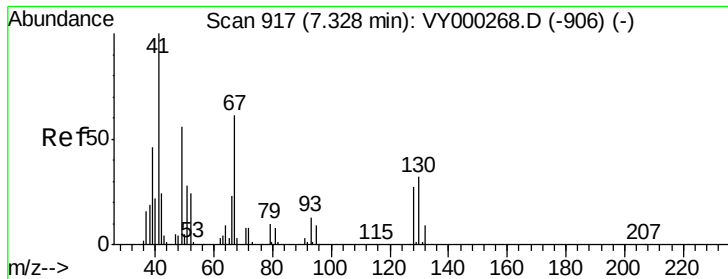


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V



Time-->





#41

Methacrylonitrile

Concen: 3.630 ug/l

RT: 7.28 min Scan# 910

Delta R.T. -0.04 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 90

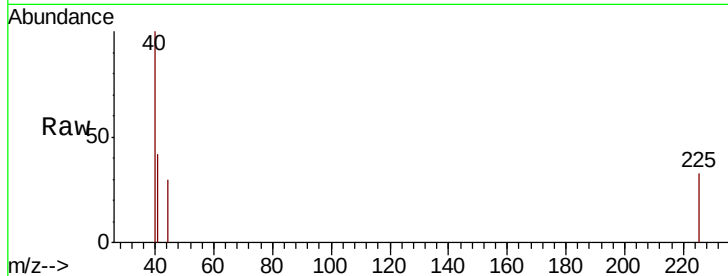
Ion Ratio Lower Upper

41 100

39 38.9 110.2 165.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

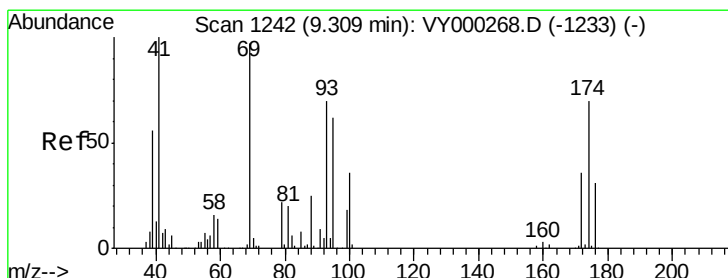
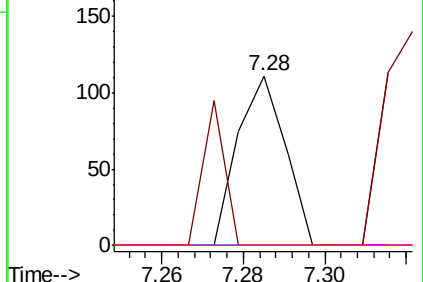
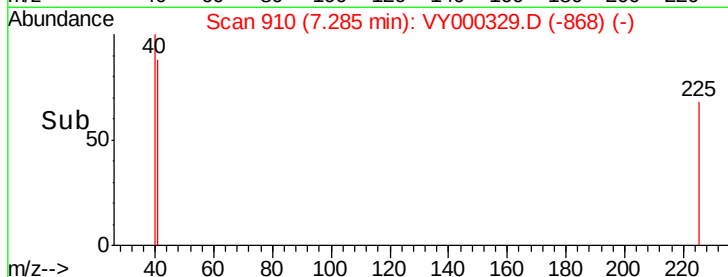


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#49

1,4-Dioxane

Concen: 49.716 ug/l

RT: 9.57 min Scan# 1284

Delta R.T. 0.26 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

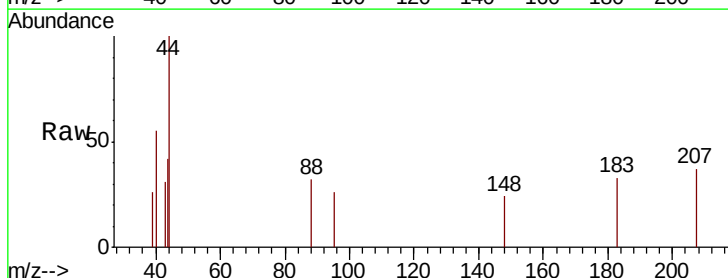
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 269.2 25.6 38.4#

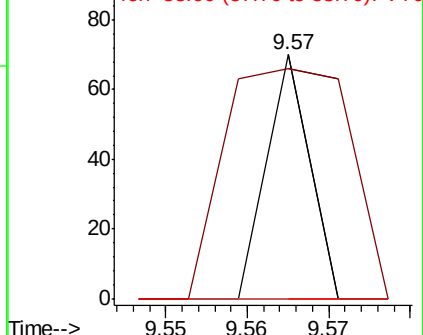
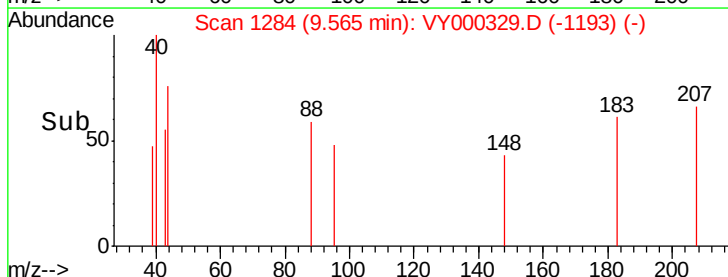
58 0.0 54.6 81.8#

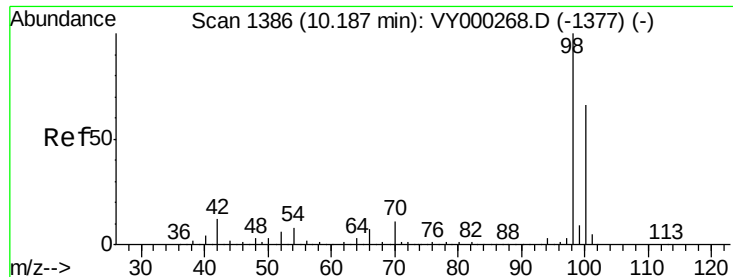


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

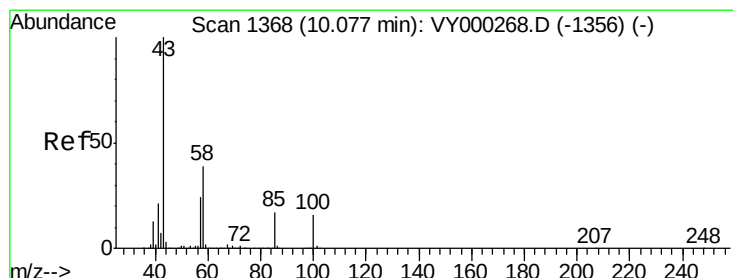
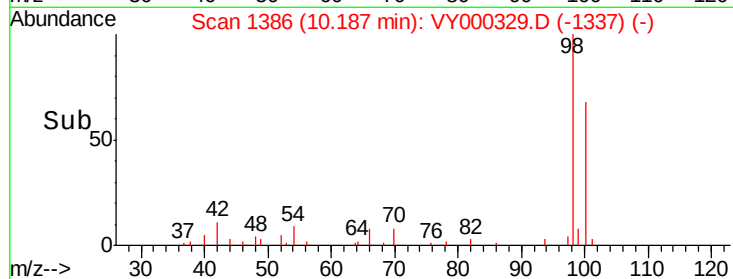
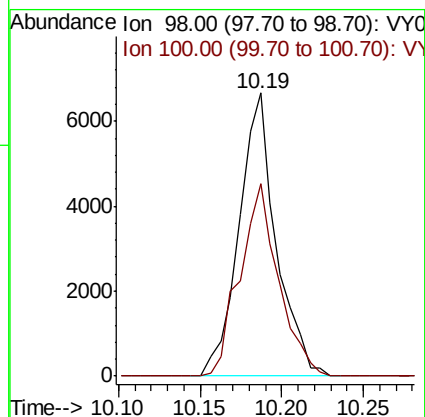
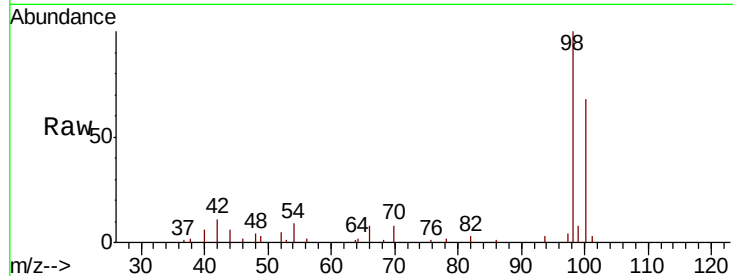




#50
Toluene-d8
Concen: 50.621 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

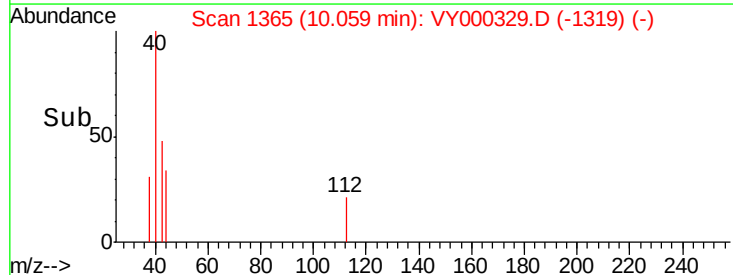
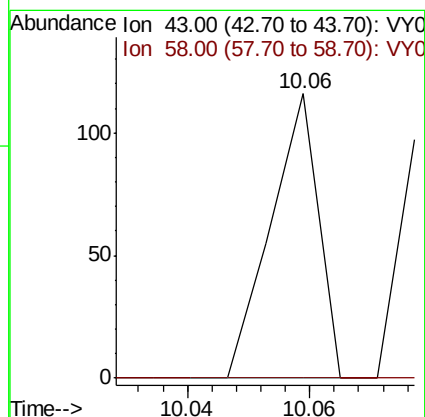
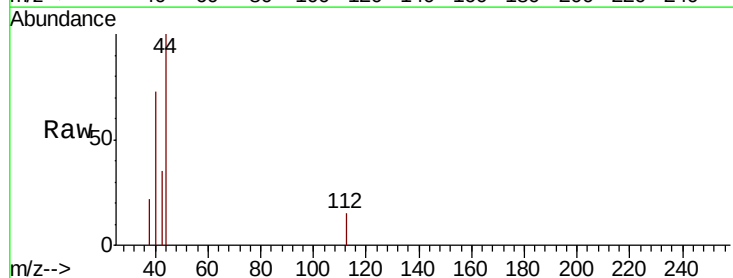
Instrument :
MSVOA_Y
ClientSampleId :

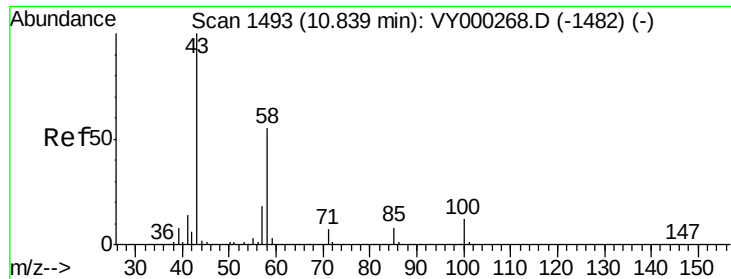
Tot Ion: 98 Resp: 10555
Ion Ratio Lower Upper
98 100
100 70.9 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.233 ug/l
RT: 10.06 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.6#

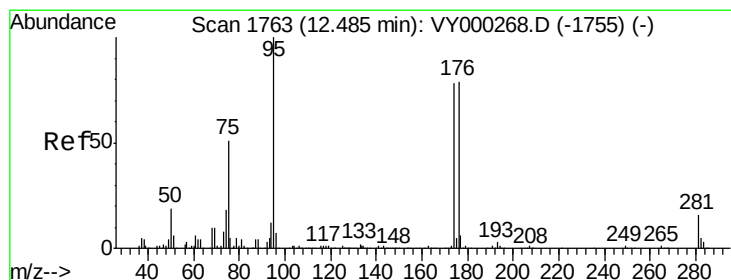
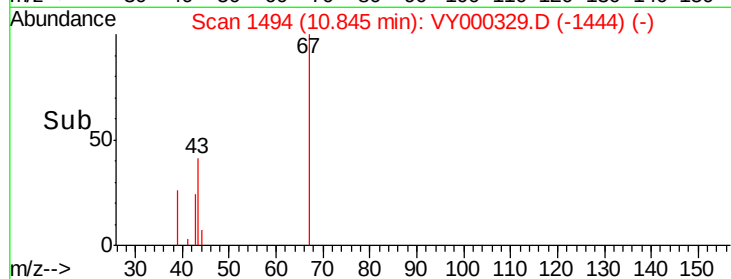
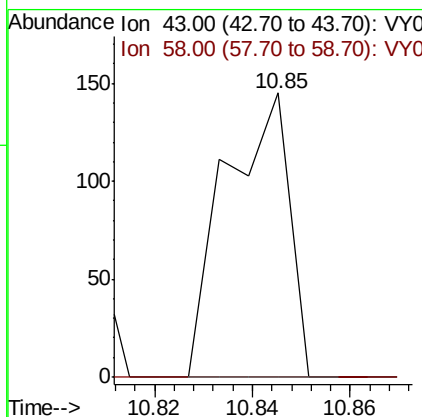
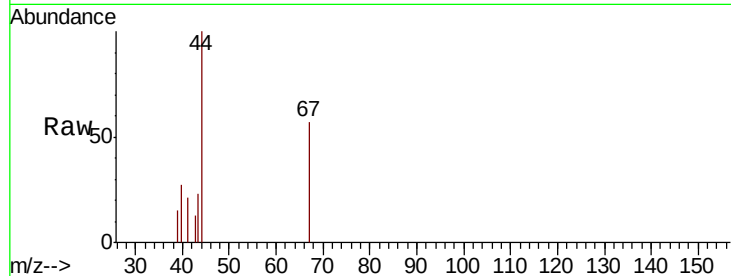




#59
2-Hexanone
Concen: 3.653 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

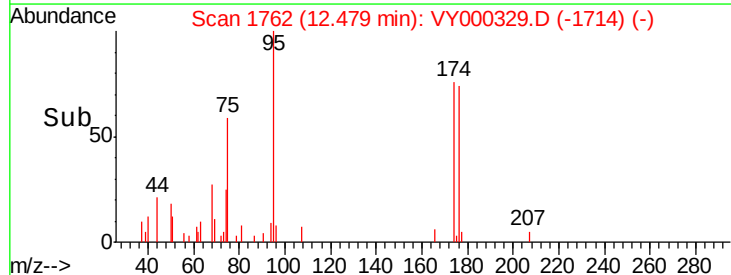
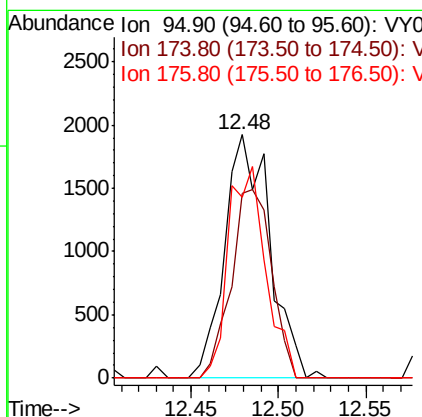
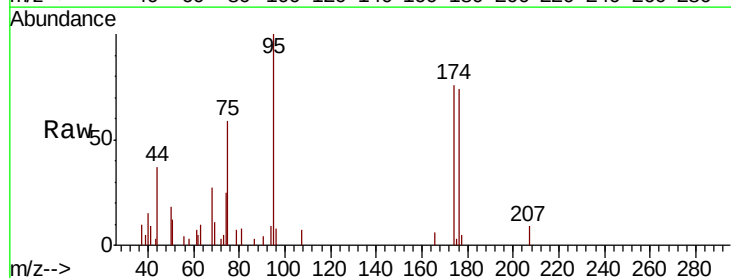
Instrument :
MSVOA_Y
ClientSampleId :

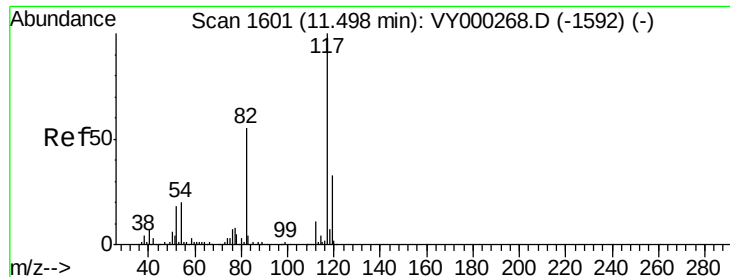
Tot Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 43.577 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion: 95 Resp: 3452
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.6
176 71.5 0.0 153.8

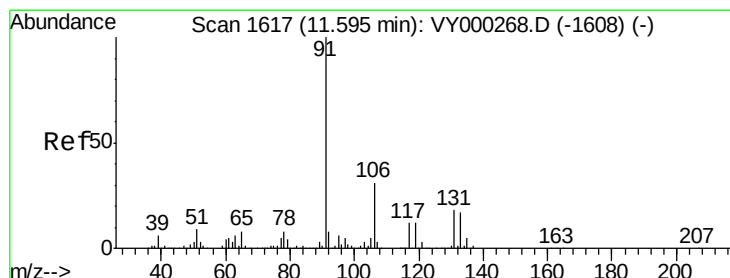
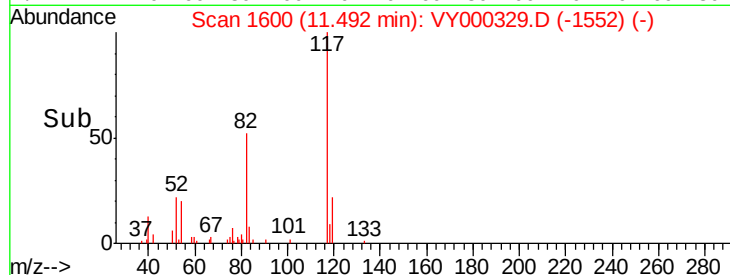
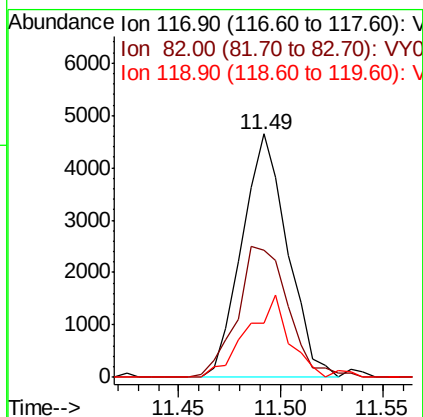
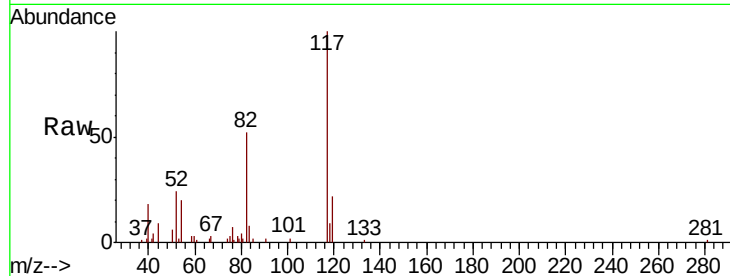




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

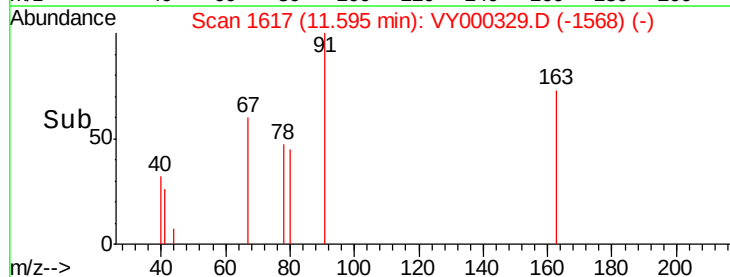
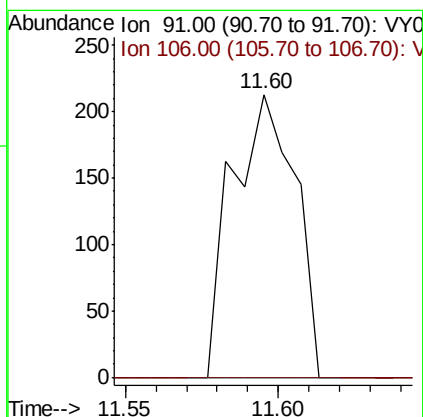
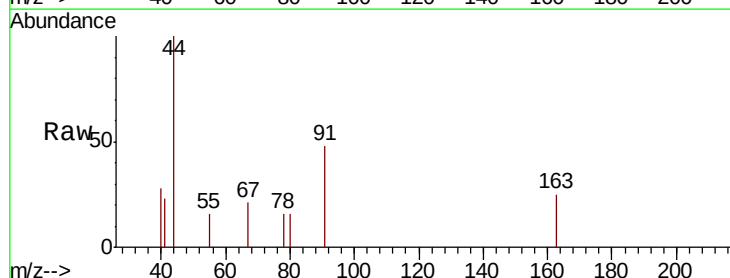
Instrument :
MSVOA_Y
ClientSampleId :

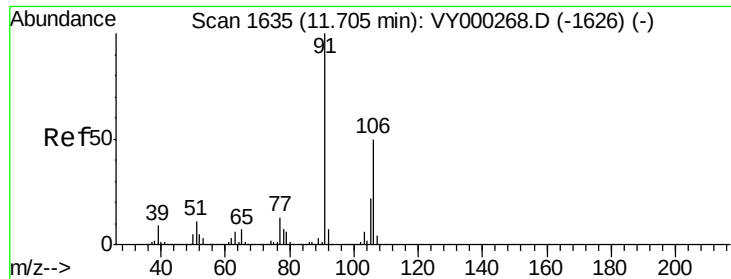
Tot Ion:117 Resp: 7218
Ion Ratio Lower Upper
117 100
82 52.1 43.7 65.5
119 22.4 26.6 39.8#



#67
Ethyl Benzene
Concen: 1.080 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion: 91 Resp: 305
Ion Ratio Lower Upper
91 100
106 0.0 25.0 37.6#

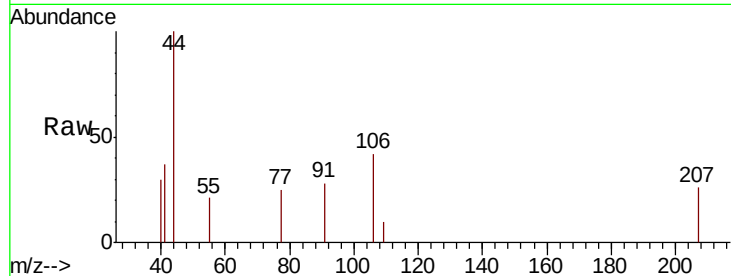




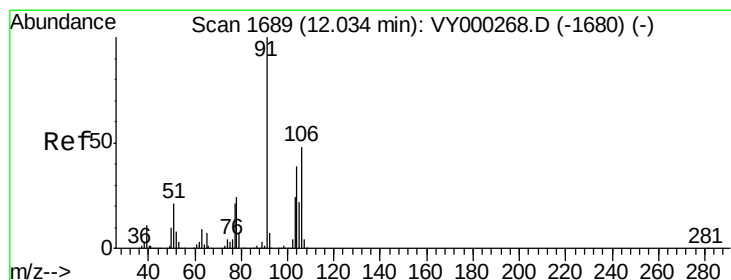
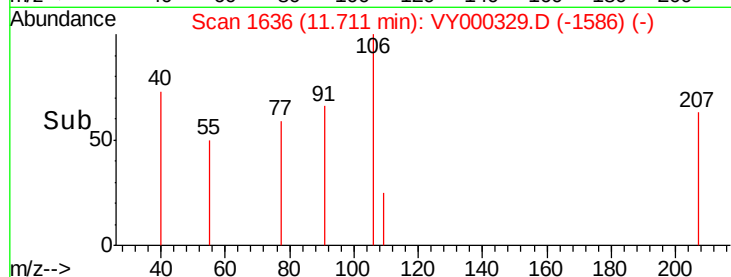
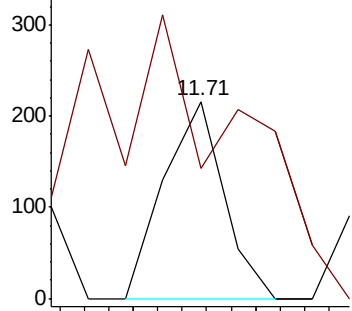
#68
m/p-Xylenes
Concen: 1.352 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 146
Ion Ratio Lower Upper
106 100
91 444.5 157.5 236.3#

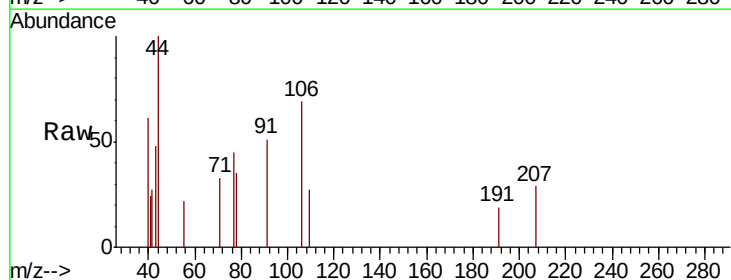


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

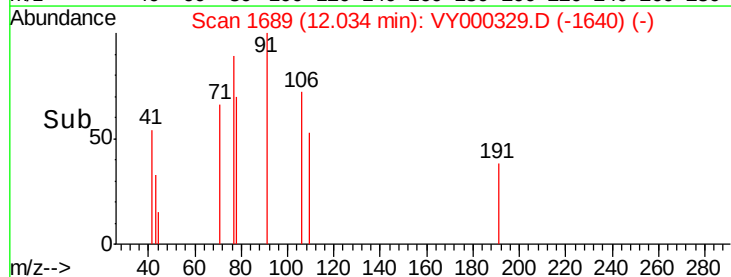
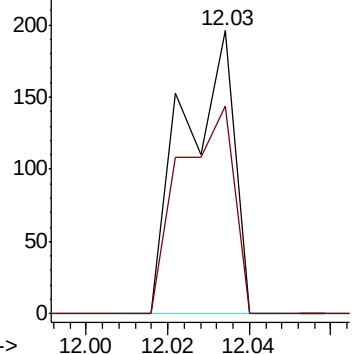


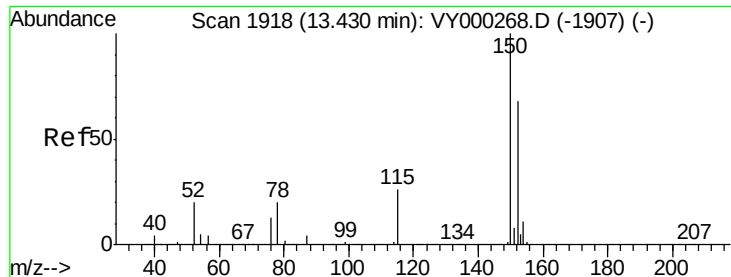
#69
o-Xylene
Concen: 1.631 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion:106 Resp: 168
Ion Ratio Lower Upper
106 100
91 78.6 104.7 313.9#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

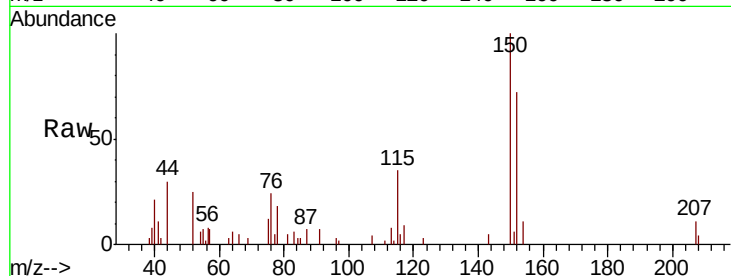
Tot Ion:152 Resp: 2605

Ion Ratio Lower Upper

152 100

115 67.4 29.3 88.0

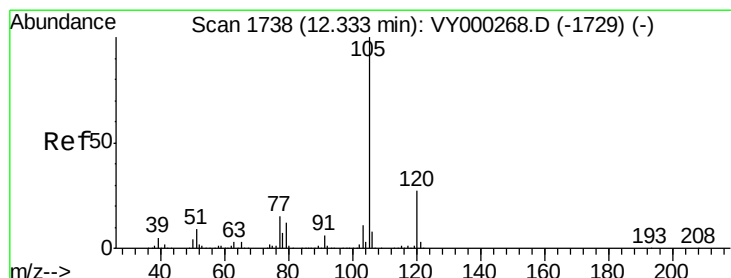
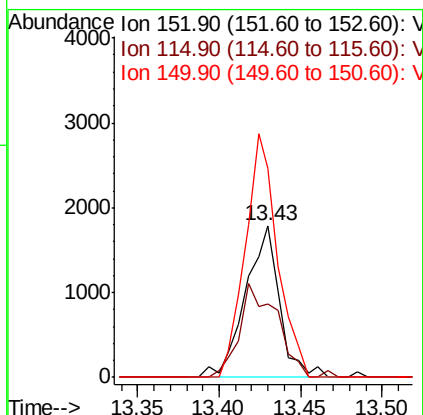
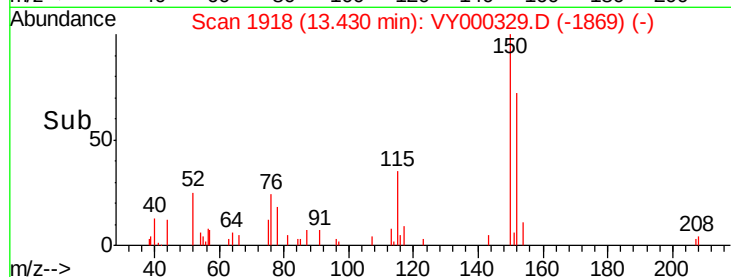
150 151.7 0.0 348.4



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



#73

Isopropylbenzene

Concen: 1.201 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY000329.D

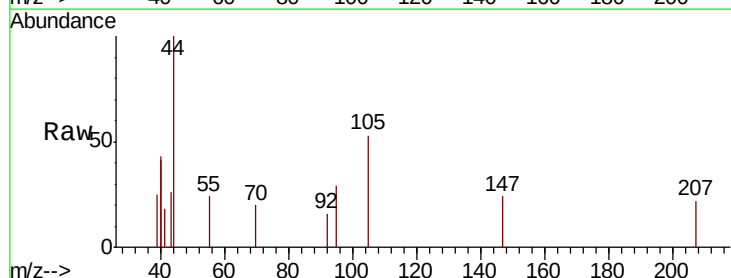
Acq: 16 Oct 2019 14:58

Tgt Ion:105 Resp: 244

Ion Ratio Lower Upper

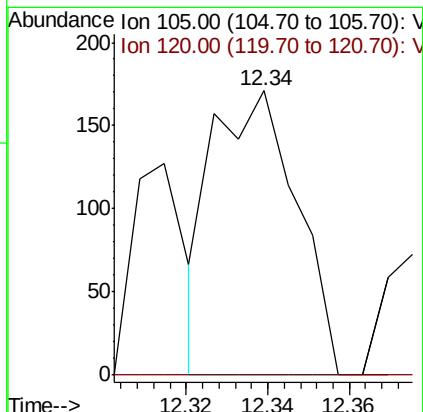
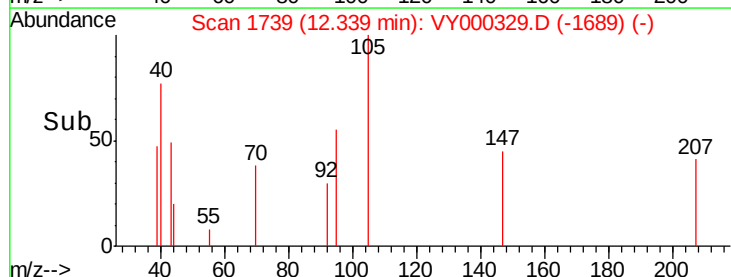
105 100

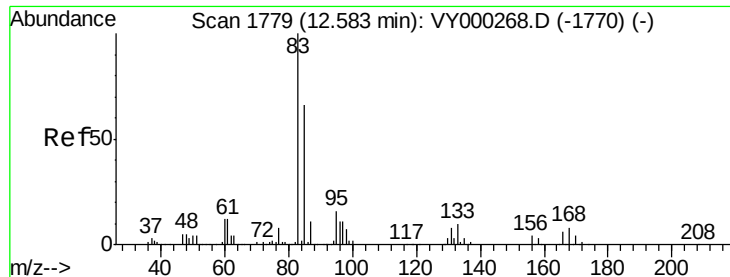
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.468 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

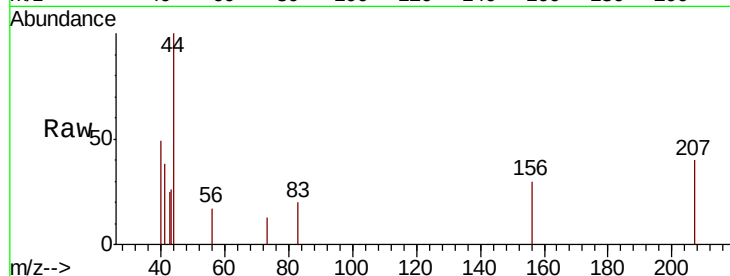
Tot Ion: 83 Resp: 56

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

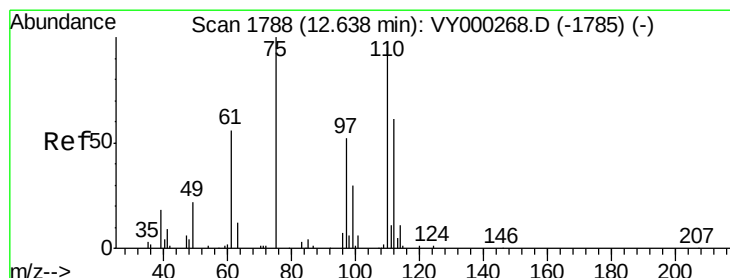
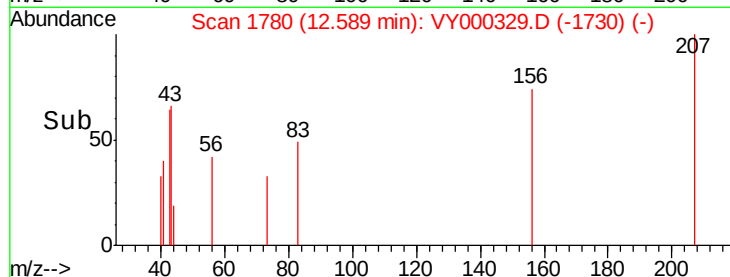
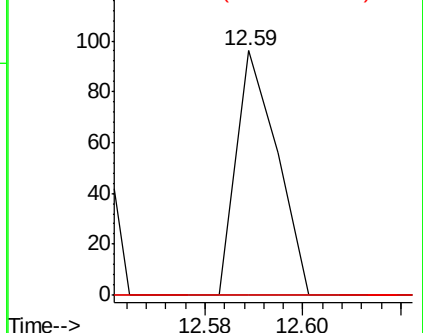
85 0.0 32.9 98.7#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 1.873 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.02 min

Lab File: VY000329.D

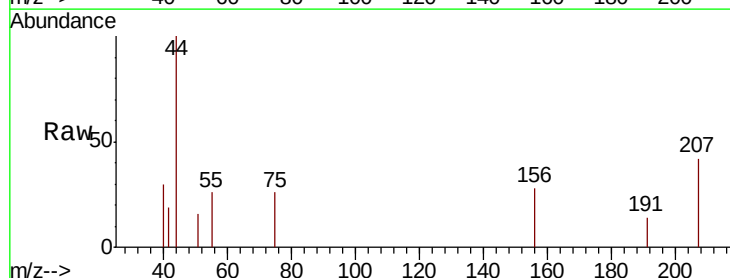
Acq: 16 Oct 2019 14:58

Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

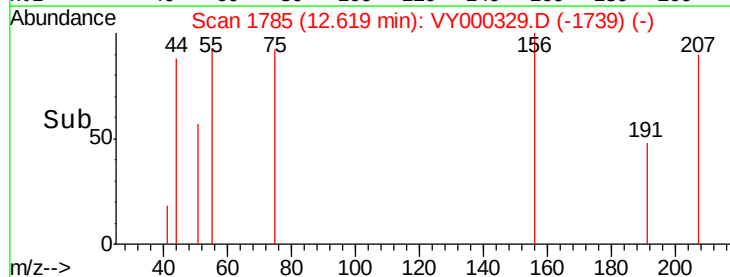
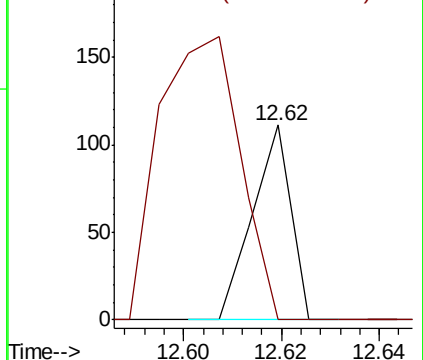
75 100

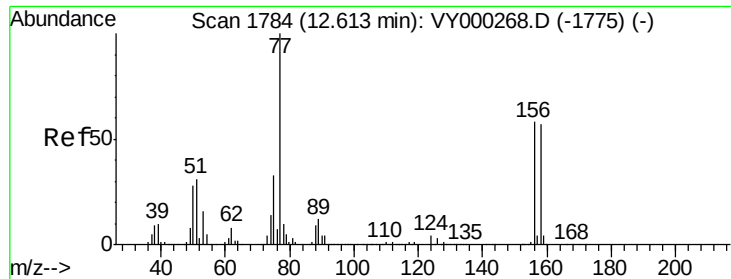
77 308.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.571 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampled :

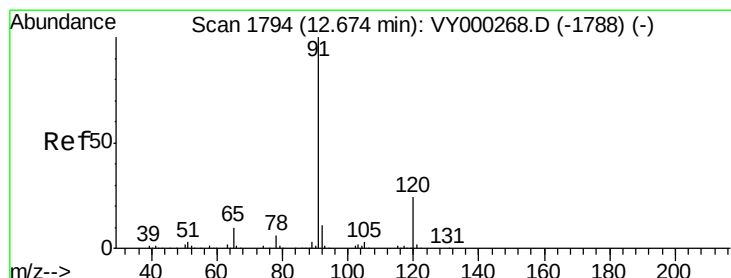
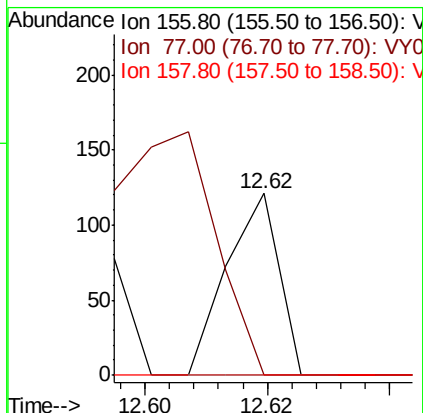
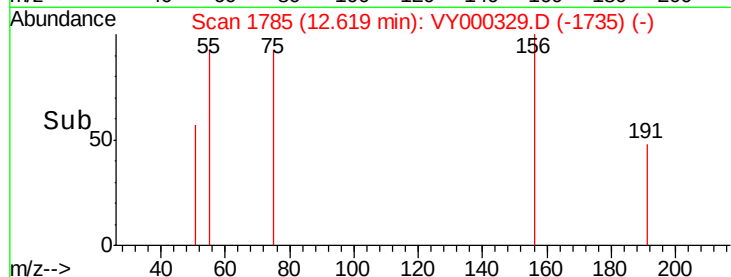
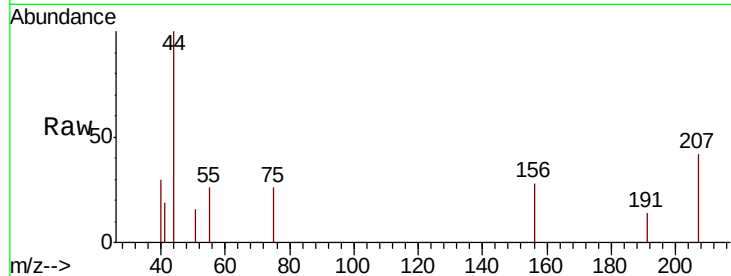
Tot Ion:156 Resp: 71

Ion Ratio Lower Upper

156 100

77 260.6 101.0 302.9

158 0.0 49.7 149.1#



#78

n-propylbenzene

Concen: 1.107 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000329.D

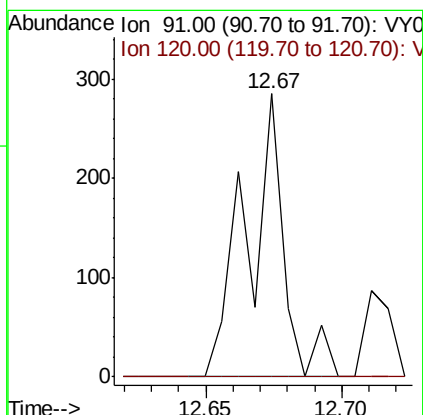
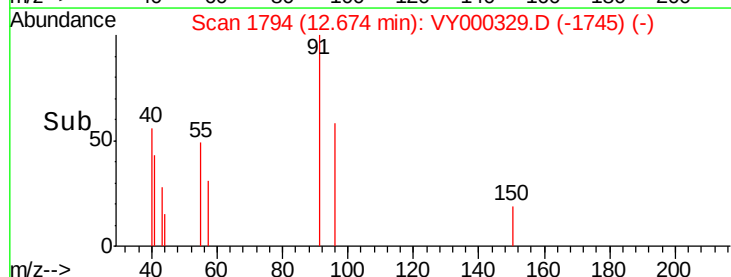
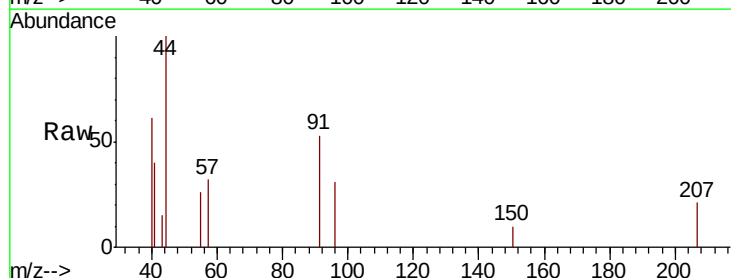
Acq: 16 Oct 2019 14:58

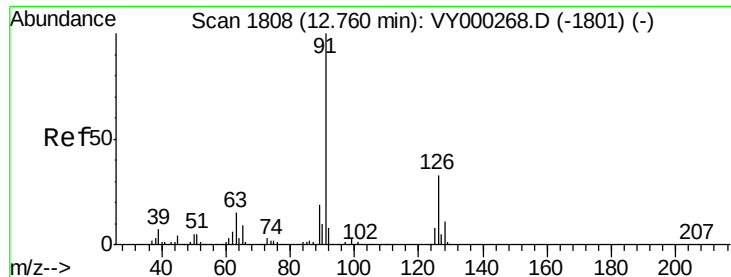
Tgt Ion: 91 Resp: 270

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.5#

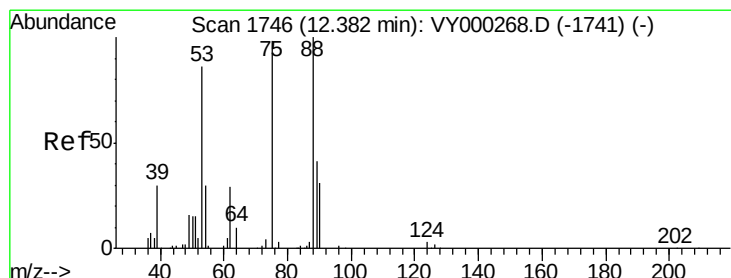
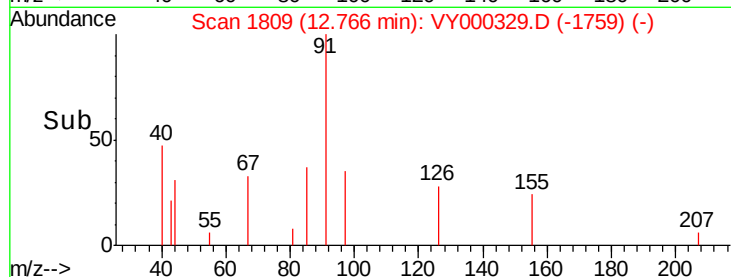
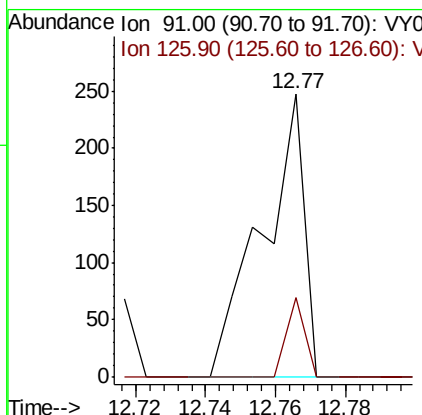
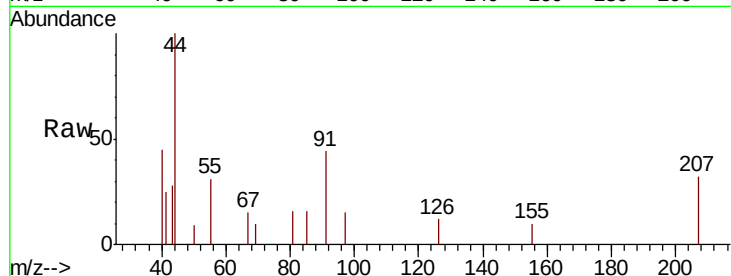




#79
 2-Chlorotoluene
 Concen: 1.537 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

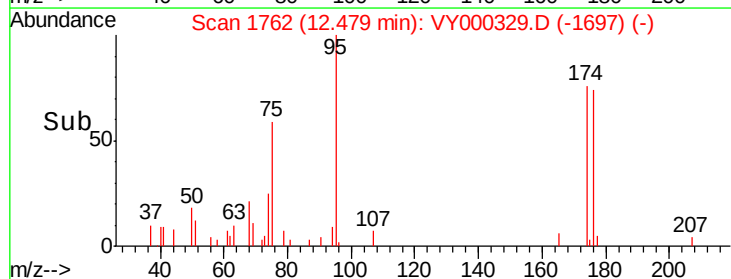
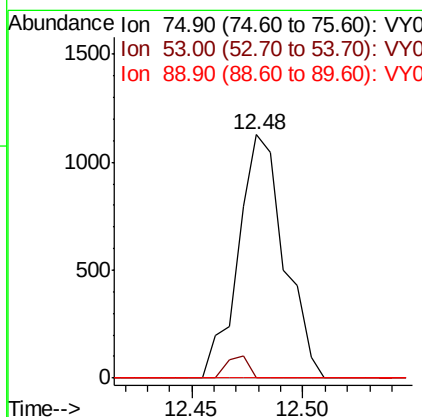
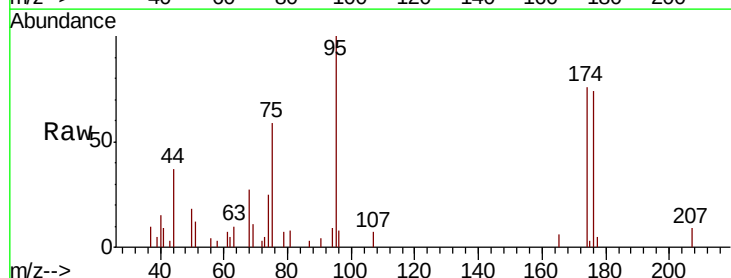
Instrument :
 MSVOA_Y
 ClientSampled :

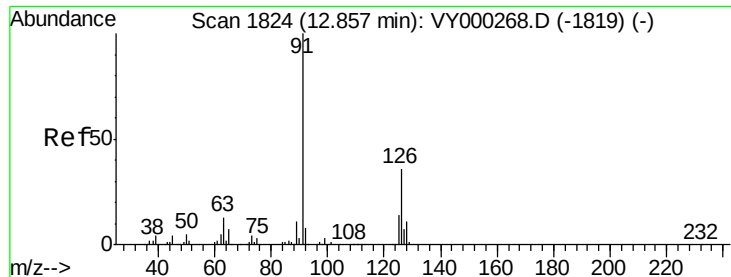
Tot Ion: 91 Resp: 207
 Ion Ratio Lower Upper
 91 100
 126 12.1 17.1 51.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.789 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

Tgt Ion: 75 Resp: 1622
 Ion Ratio Lower Upper
 75 100
 53 4.3 71.3 106.9#
 89 0.0 35.1 52.7#





#82

4-Chlorotoluene

Concen: 1.812 ug/l

RT: 12.84 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

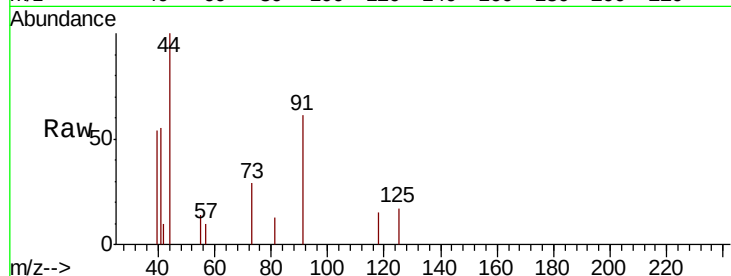
ClientSampleId :

Tot Ion: 91 Resp: 258

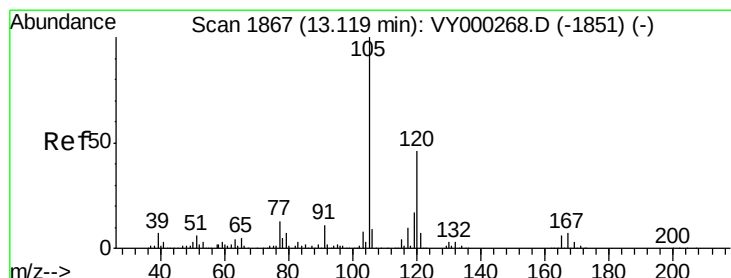
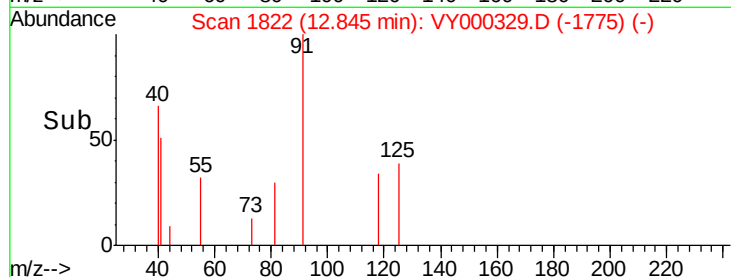
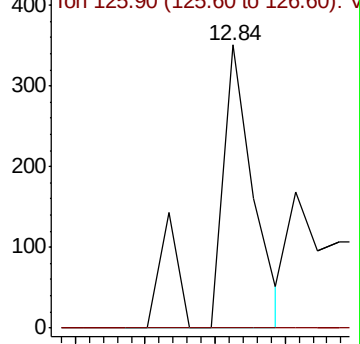
Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VY000329.D (-1775) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.434 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000329.D

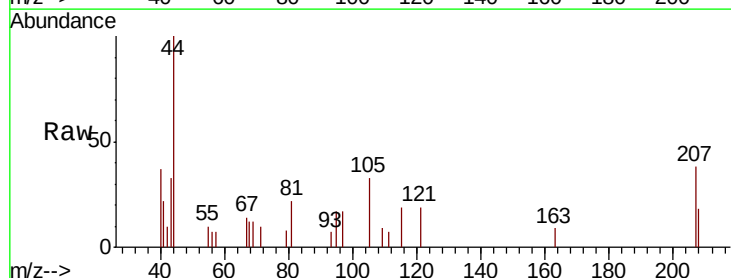
Acq: 16 Oct 2019 14:58

Tgt Ion: 105 Resp: 241

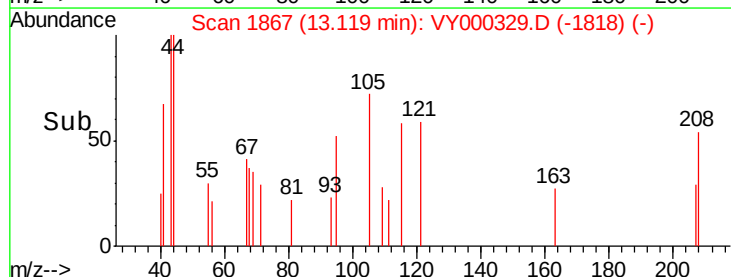
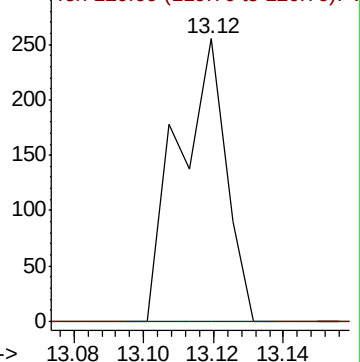
Ion Ratio Lower Upper

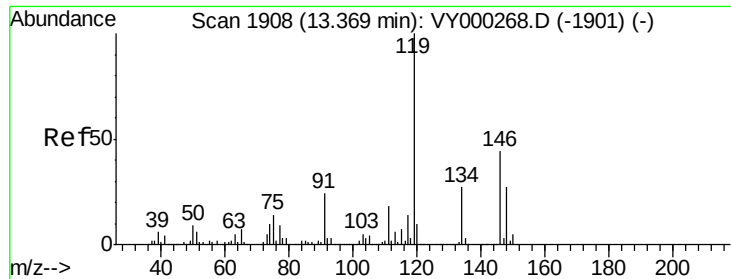
105 100

120 0.0 22.9 68.8#



Abundance Ion 105.00 (104.70 to 105.70): VY000329.D (-1818) (-)

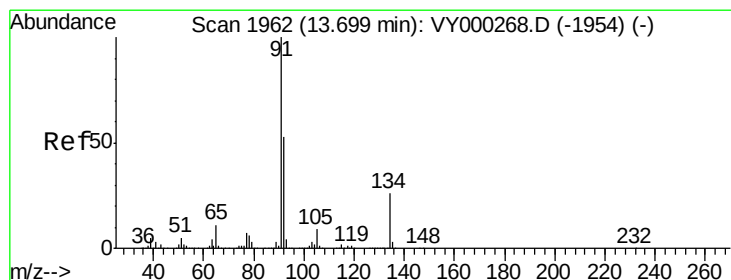
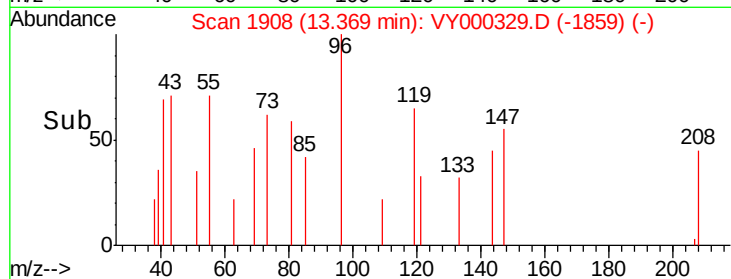
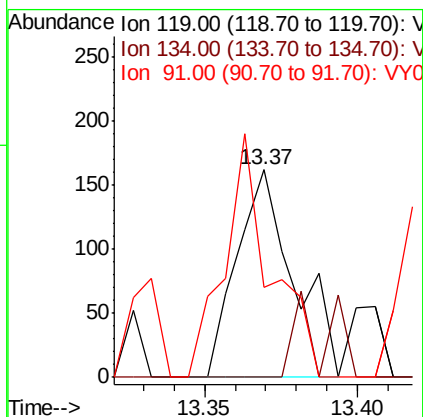
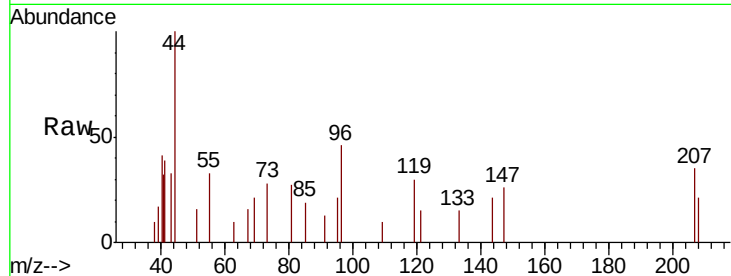




#86
p-Isopropyltoluene
Concen: 1.154 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

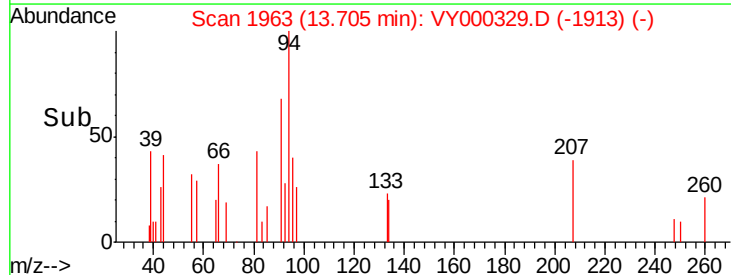
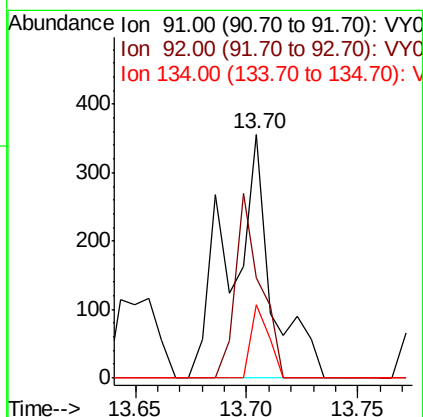
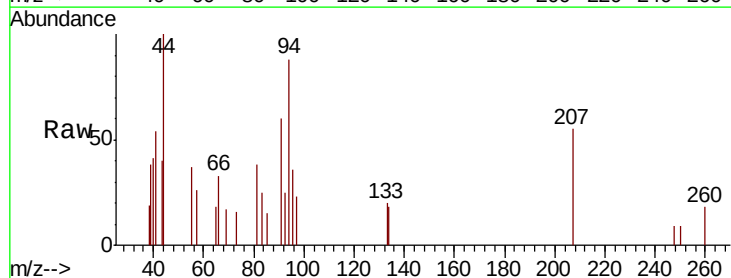
Instrument :
MSVOA_Y
ClientSampleId :

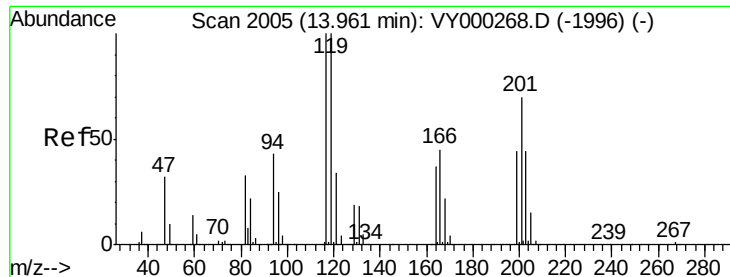
Tot Ion	Ratio	Lower	Upper
119	100		
134	22.9	13.6	40.8
91	93.8	12.0	36.1#



#89
n-Butylbenzene
Concen: 2.581 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY000329.D
Acq: 16 Oct 2019 14:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.5	26.7	80.1
134	12.9	13.0	38.9#





#90

Hexachloroethane

Concen: 1.039 ug/l

RT: 13.81 min Scan# 1981

Delta R.T. -0.15 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

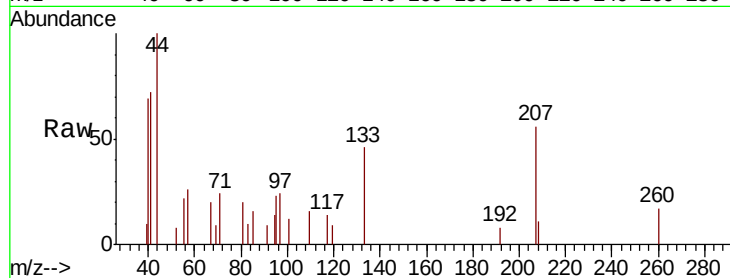
ClientSampleId :

Tot Ion:117 Resp: 35

Ion Ratio Lower Upper

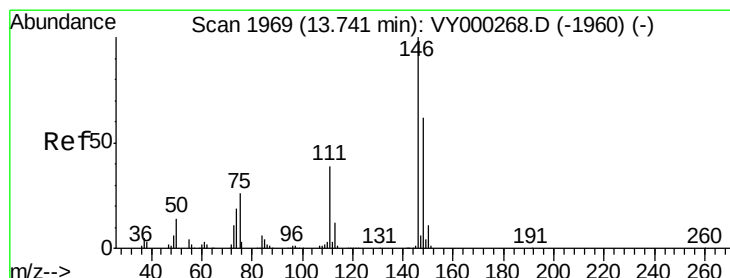
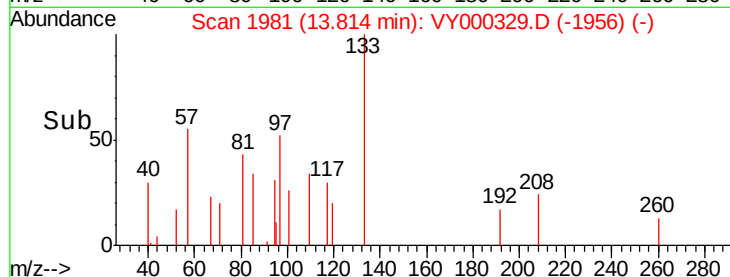
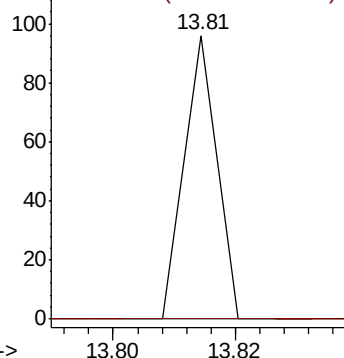
117 100

201 0.0 36.3 108.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.258 ug/l

RT: 13.73 min Scan# 1967

Delta R.T. -0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

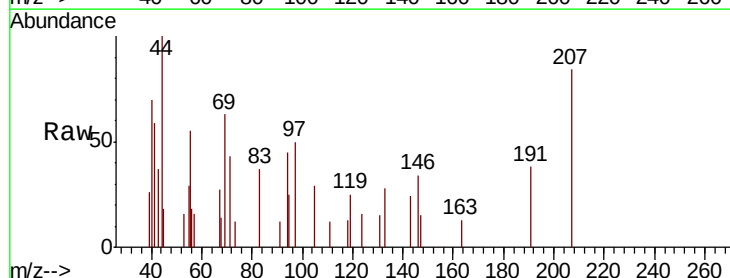
Tgt Ion:146 Resp: 182

Ion Ratio Lower Upper

146 100

111 56.0 20.5 61.5

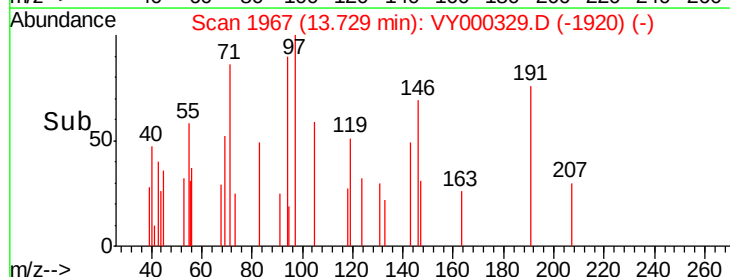
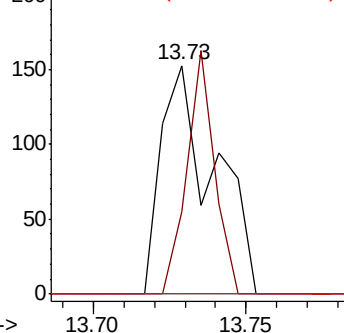
148 0.0 31.6 95.0#

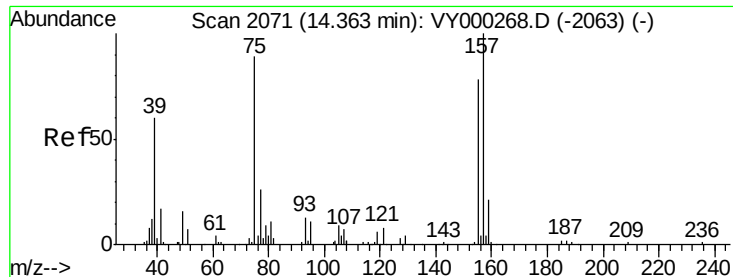


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.456 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY000329.D

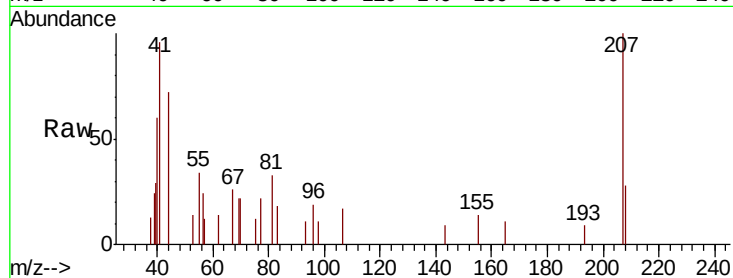
Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampled :

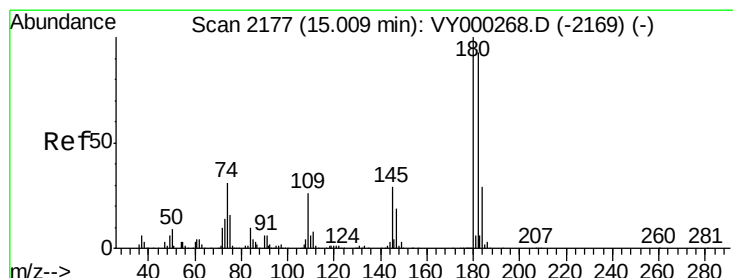
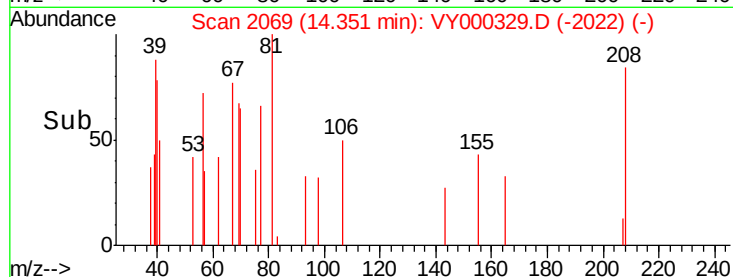
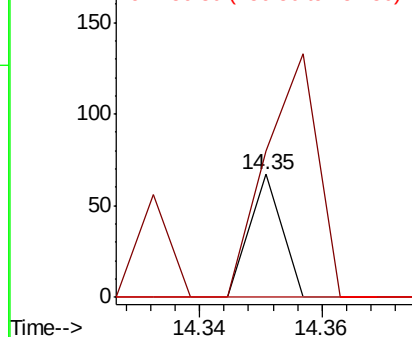
Tot Ion:	75	Resp:	25
Ion	Ratio	Lower	Upper
75	100		
155	312.0	45.8	137.3#
157	0.0	55.6	166.9#



Abundance Ion 74.90 (74.60 to 75.60): VY000329.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY000329.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY000329.D (-2063) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.836 ug/l

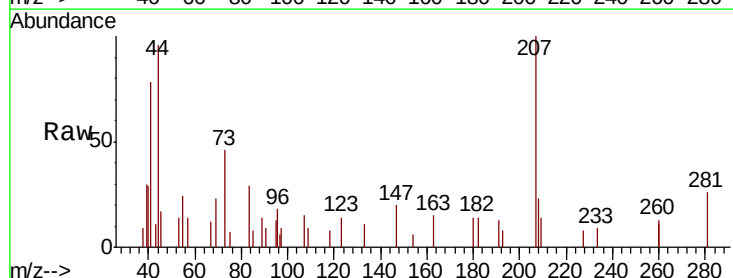
RT: 15.01 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

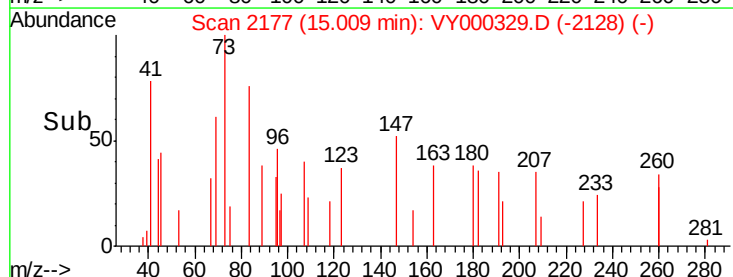
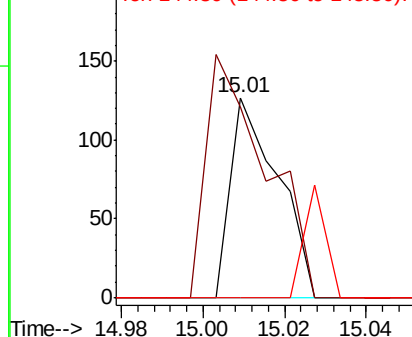
Tgt Ion:	180	Resp:	103
Ion	Ratio	Lower	Upper
180	100		
182	152.4	47.5	142.6#
145	0.0	15.4	46.1#

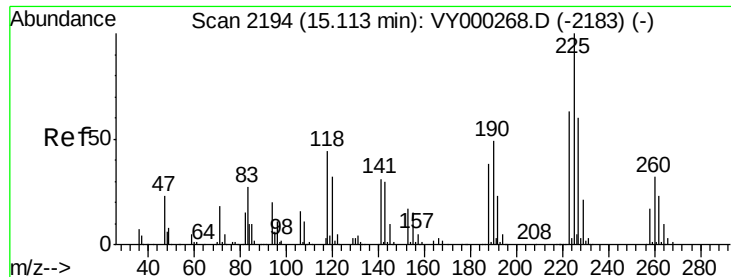


Abundance Ion 179.80 (179.50 to 180.50): VY000329.D (-2128) (-)

Ion 181.80 (181.50 to 182.50): VY000329.D (-2128) (-)

Ion 144.80 (144.50 to 145.50): VY000329.D (-2128) (-)





#94

Hexachlorobutadiene

Concen: 2.766 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

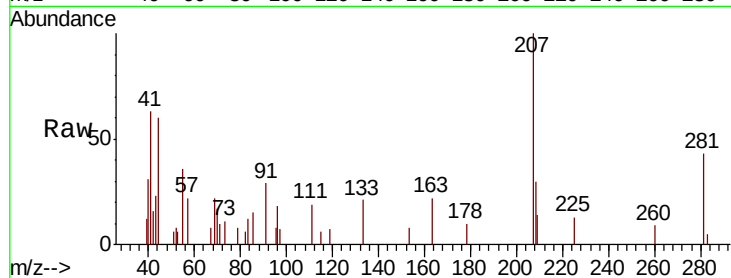
Tot Ion:225 Resp: 84

Ion Ratio Lower Upper

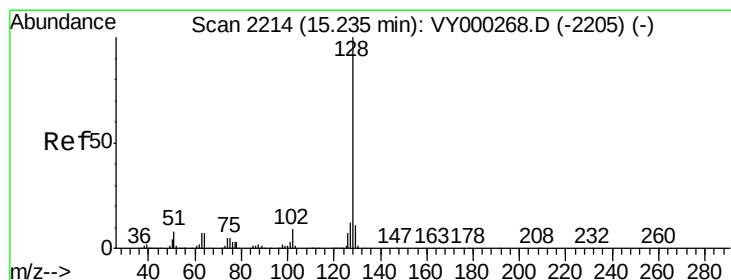
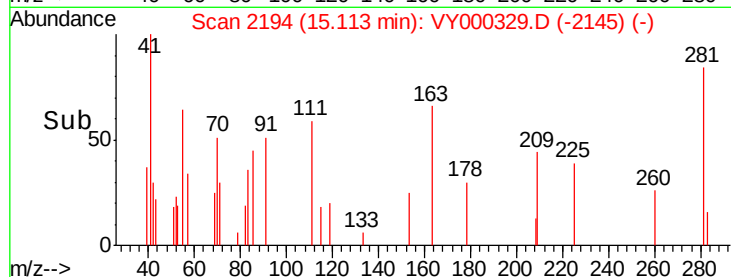
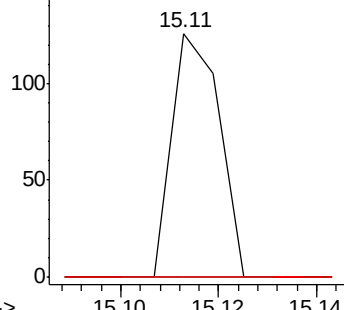
225 100

223 0.0 31.9 95.7#

227 0.0 31.4 94.2#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 9.375 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY000329.D

Acq: 16 Oct 2019 14:58

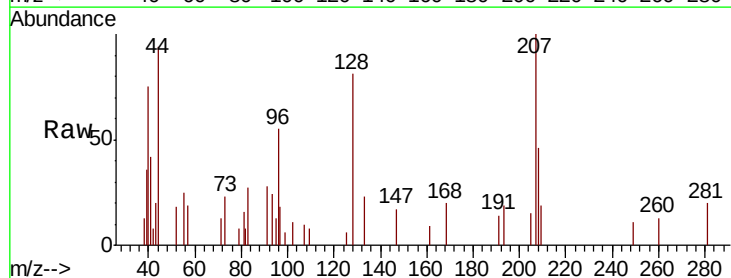
Tgt Ion:128 Resp: 1174

Ion Ratio Lower Upper

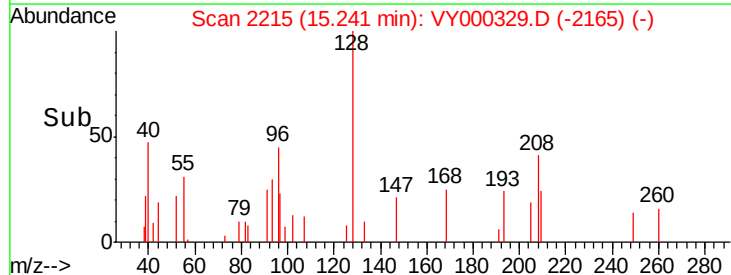
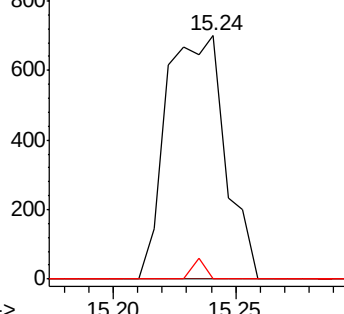
128 100

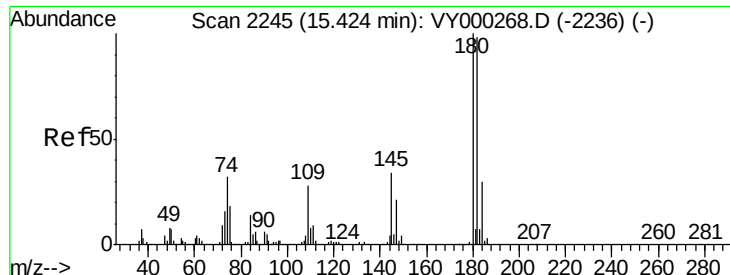
127 0.0 9.6 14.4#

129 1.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.836 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VY000329.D
 Acq: 16 Oct 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	25.8	46.5	139.5#
145	14.9	16.2	48.5#

