

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000282.D
 Acq On : 11 Oct 2019 19:44
 Operator : SY/MD
 Sample : K5350-01
 Misc : 7.78G/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:29:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	401789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	334472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	130953	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
35) Dibromofluoromethane	7.74	113	118934	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.19	98	452843	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.48	95	147030	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34	Below Cal	#	41
5) Bromomethane	2.64	94	86	Below Cal	#	49
16) Acetone	3.96	43	19461	26.322	ug/l	99
17) Carbon Disulfide	4.21	76	11188	1.626	ug/l #	92
20) Methylene Chloride	4.72	84	9987	Below Cal		94
25) 2-Butanone	7.01	43	8106	7.783	ug/l	95
31) Cyclohexane	7.80	56	6112	1.399	ug/l #	47
36) 1,1-Dichloropropene	7.81	75	17287	4.395	ug/l #	48
37) Ethyl Acetate	7.01	43	8106	3.480	ug/l #	68
38) Carbon Tetrachloride	7.80	117	20942	5.498	ug/l #	17
39) Methylcyclohexane	9.19	83	8858	1.720	ug/l	92
40) Benzene	8.17	78	31913	2.807	ug/l	98
52) Toluene	10.25	92	31377	4.347	ug/l	97
55) 1,1,2-Trichloroethane	10.62	97	3484	1.536	ug/l #	18
59) 2-Hexanone	10.80	43	6014	3.751	ug/l #	24
67) Ethyl Benzene	11.60	91	1731750	132.341	ug/l	100
68) m/p-Xylenes	11.70	106	484615	96.877	ug/l	98
69) o-Xylene	12.03	106	423896	88.828	ug/l	100
70) Styrene	12.03	104	23235	2.887	ug/l #	1
73) Isopropylbenzene	12.33	105	1024324	99.326	ug/l	100
74) N-amyl acetate	12.12	43	10435	4.122	ug/l #	67
76) 1,2,3-Trichloropropane	12.67	75	3402	2.092	ug/l #	100
78) n-propylbenzene	12.67	91	491033	39.657	ug/l	100
79) 2-Chlorotoluene	12.77	91	163896	23.968	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.81	105	1520600	175.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	12726	17.121	ug/l #	1
82) 4-Chlorotoluene	12.81	91	166598	23.048	ug/l #	40
83) tert-Butylbenzene	13.12	119	610566	83.376	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.12	105	5178737	606.786	ug/l	100
85) sec-Butylbenzene	13.12	105	5178737	488.851	ug/l #	56
86) p-Isopropyltoluene	13.37	119	559495	60.580	ug/l	97
89) n-Butylbenzene	13.70	91	226902	24.861	ug/l #	78
90) Hexachloroethane	13.97	117	277740	162.402	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.36	75	111316	303.125	ug/l #	1

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QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration

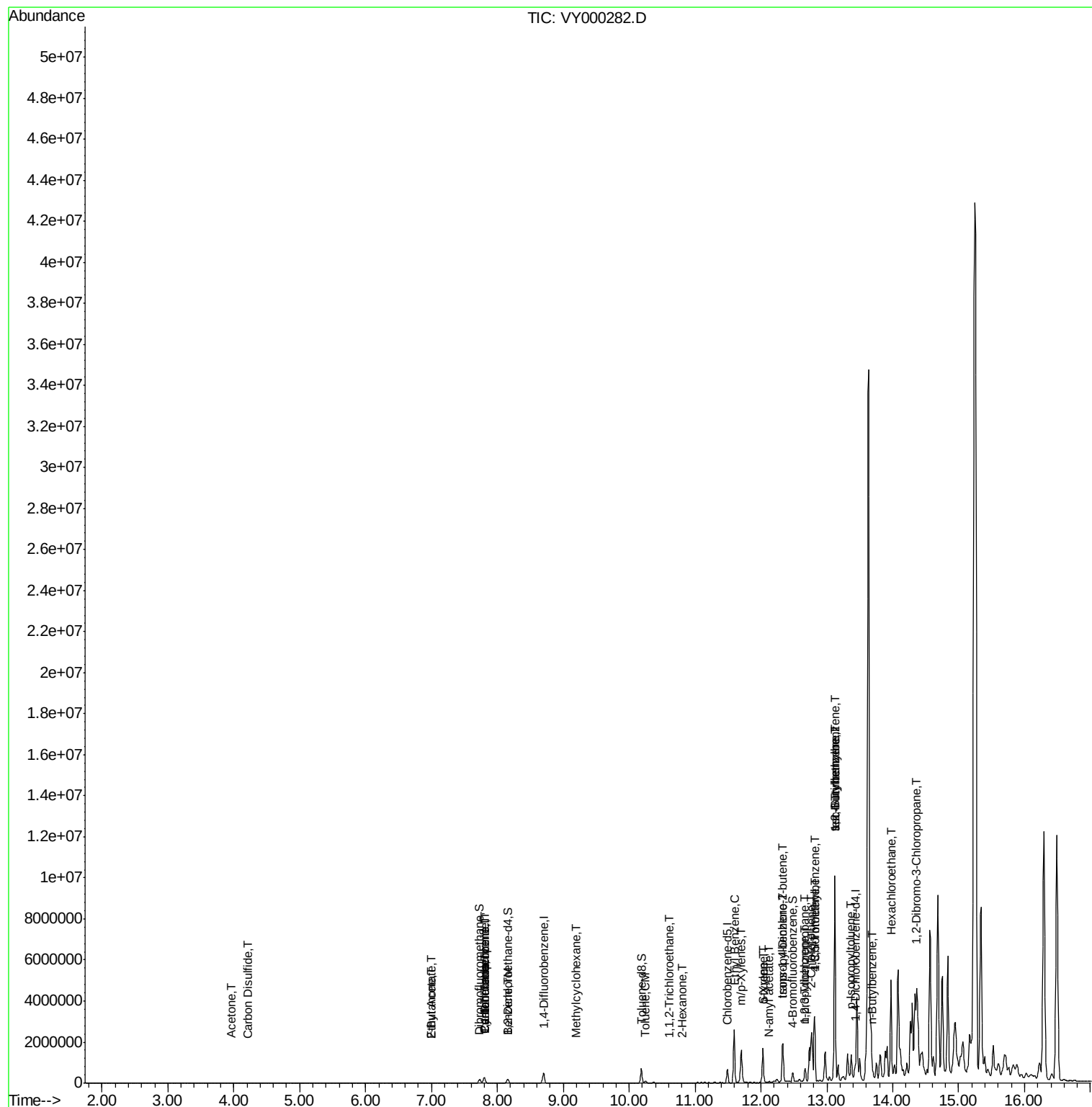
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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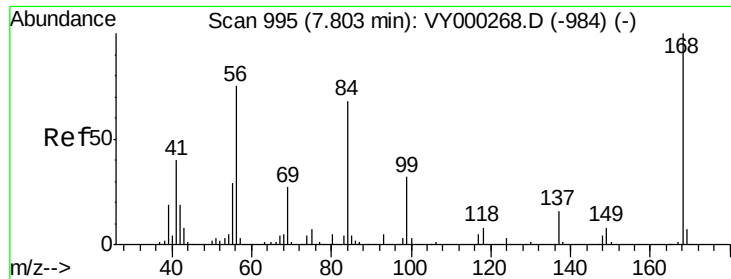
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
Data File : VY000282.D
Acq On : 11 Oct 2019 19:44
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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: VY000282.D

Acq: 11 Oct 2019 19:44

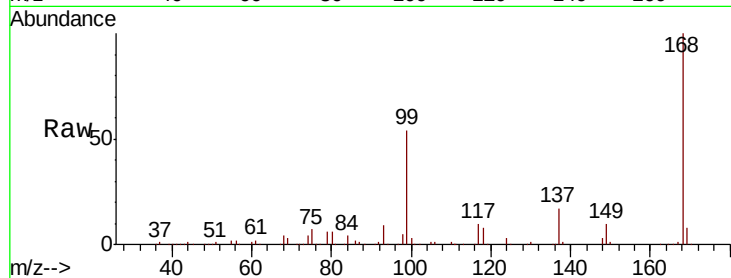
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 216431

Ion Ratio Lower Upper

168 100

99 54.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000282.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000282.D (-946) (-)

7.80

100000

80000

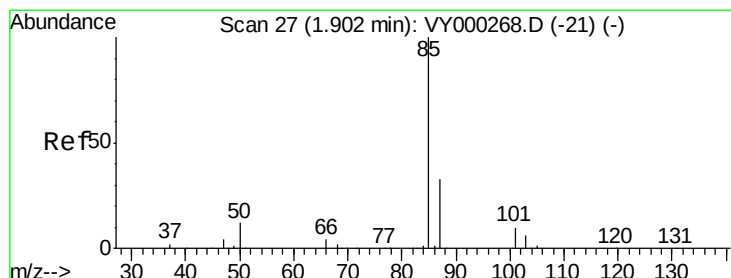
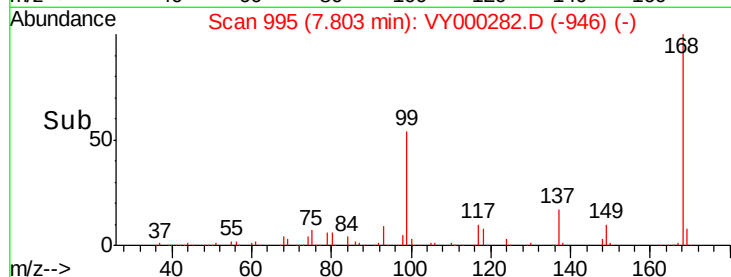
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000282.D

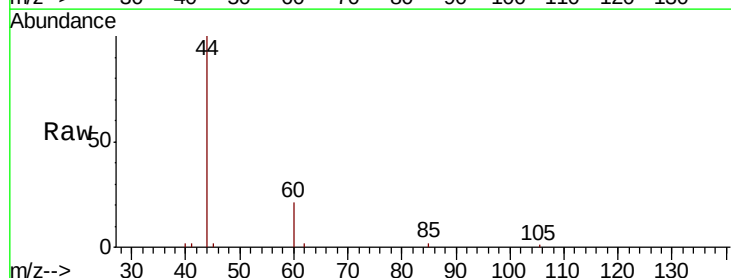
Acq: 11 Oct 2019 19:44

Tgt Ion: 85 Resp: 34

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000282.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000282.D (-1) (-)

1.90

100

80

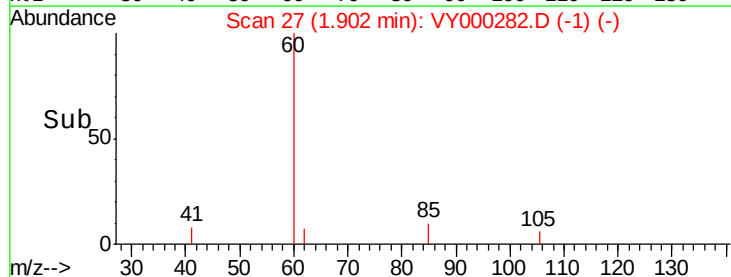
60

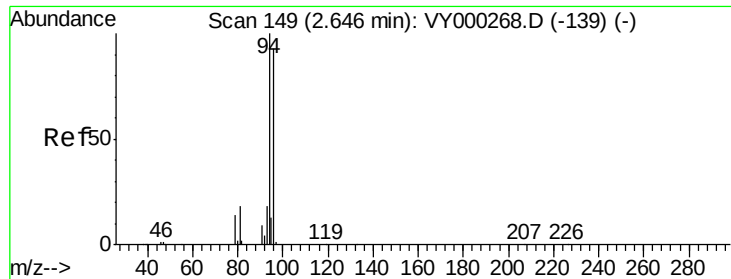
40

20

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

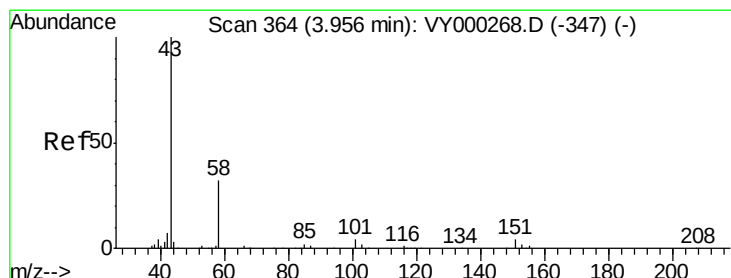
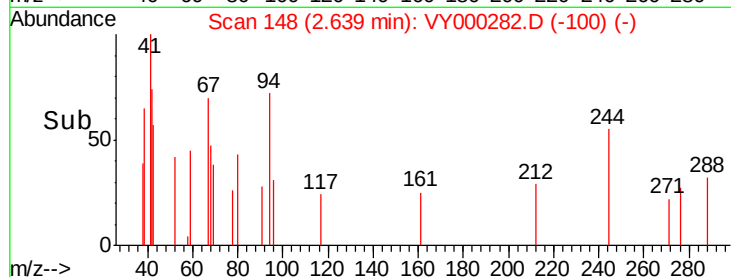
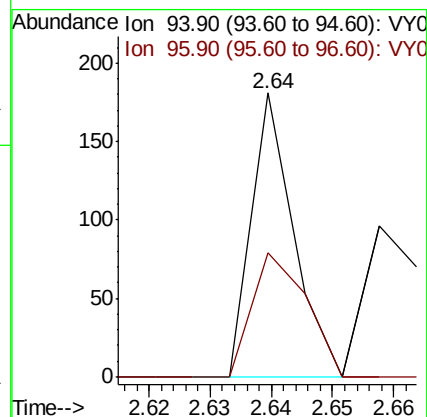
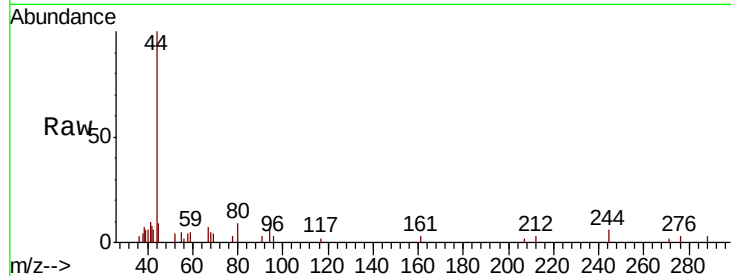
ClientSampled :

Tot Ion: 94 Resp: 86

Ion Ratio Lower Upper

94 100

96 43.6 74.2 111.2#



#16

Acetone

Concen: 26.322 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000282.D

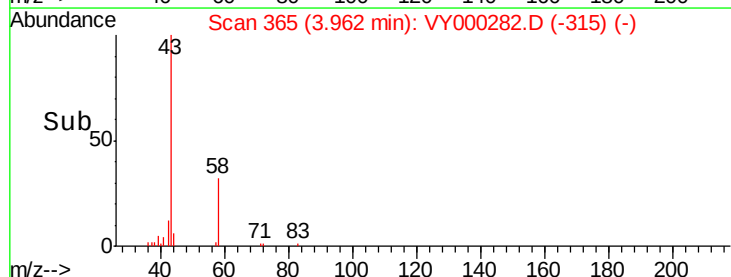
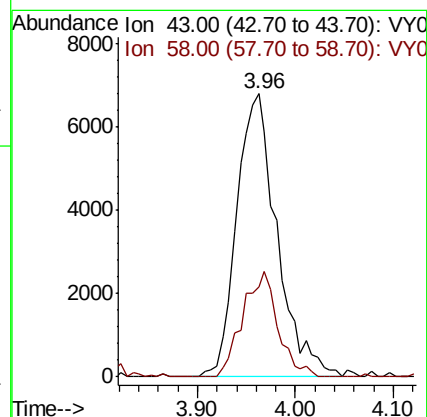
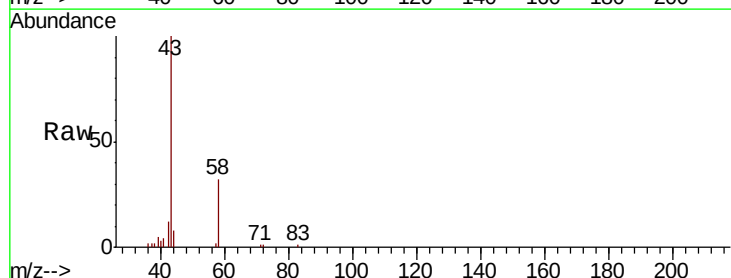
Acq: 11 Oct 2019 19:44

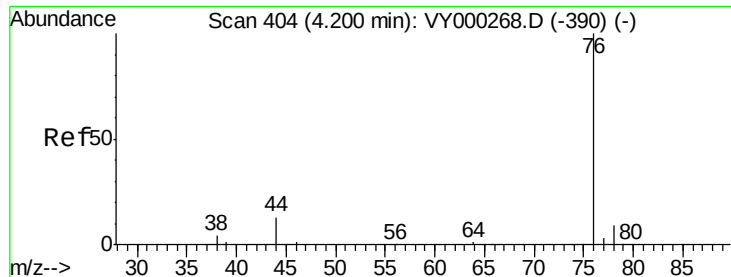
Tgt Ion: 43 Resp: 19461

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.6





#17

Carbon Disulfide

Concen: 1.626 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

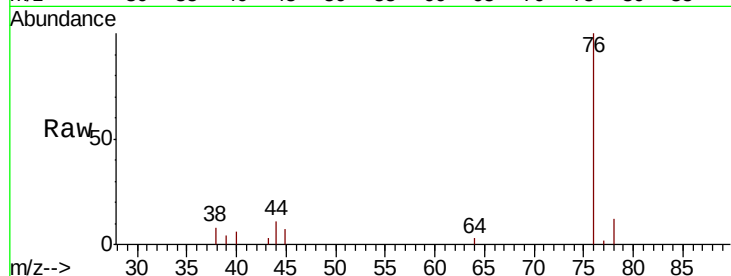
ClientSampleId :

Tot Ion: 76 Resp: 11188

Ion Ratio Lower Upper

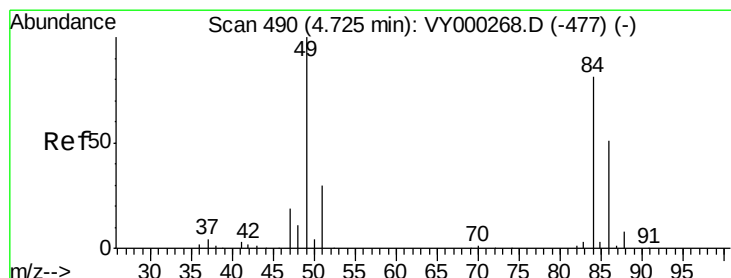
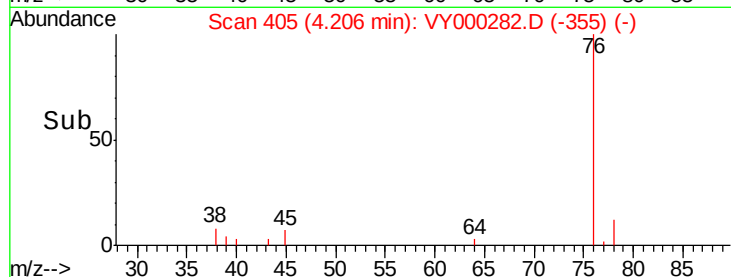
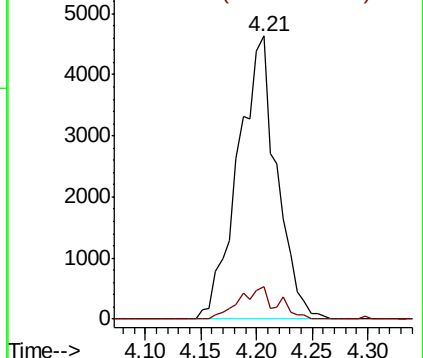
76 100

78 11.6 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Tgt Ion: 84 Resp: 9987

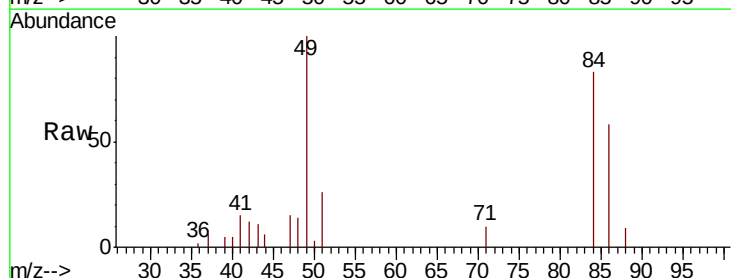
Ion Ratio Lower Upper

84 100

49 120.0 99.0 148.4

51 30.8 29.3 43.9

86 69.7 50.2 75.4

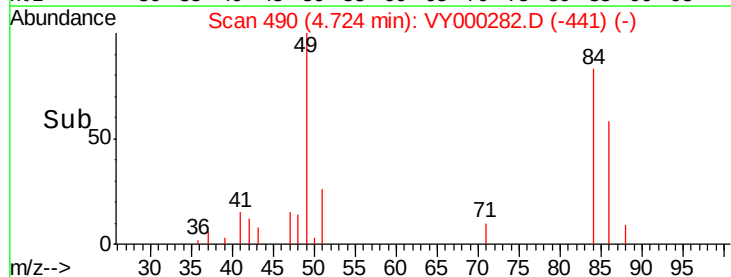
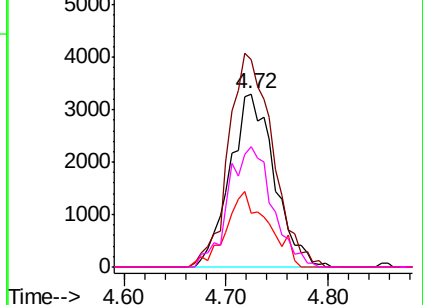


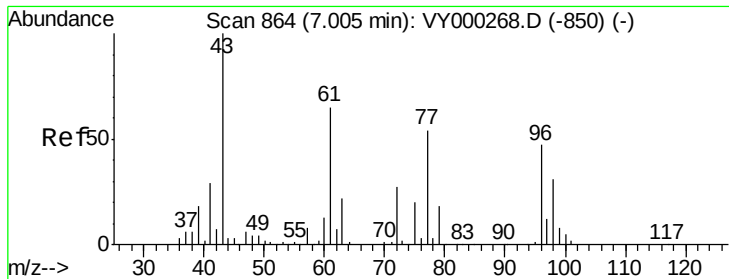
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#25

2-Butanone

Concen: 7.783 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

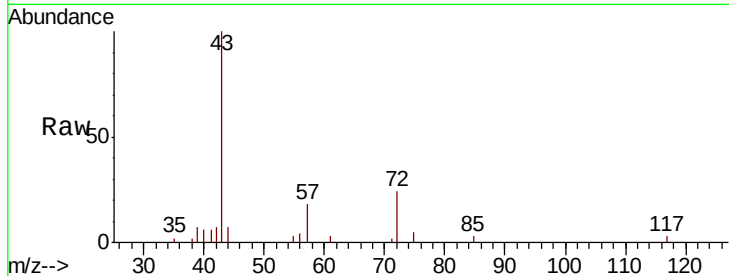
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 8106

Ion Ratio Lower Upper

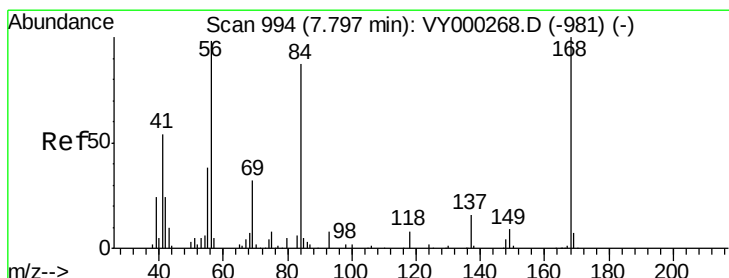
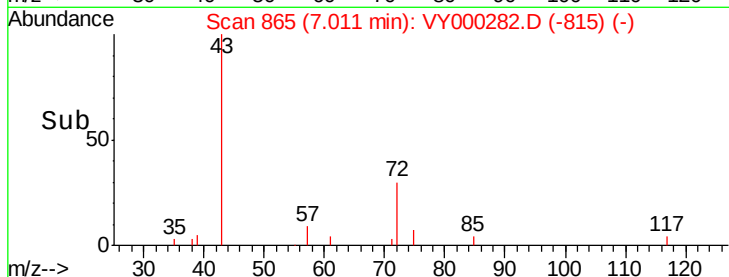
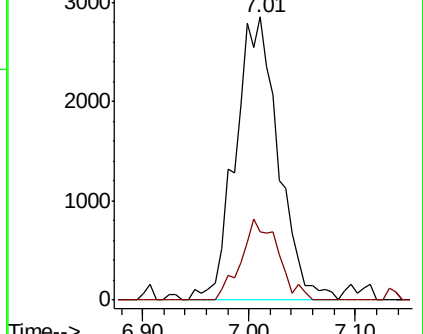
43 100

72 24.3 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.399 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

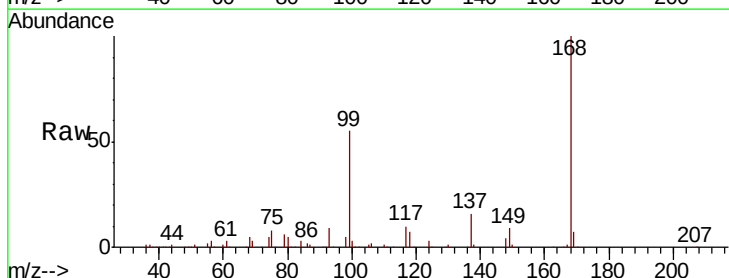
Tgt Ion: 56 Resp: 6112

Ion Ratio Lower Upper

56 100

69 103.0 26.3 39.5#

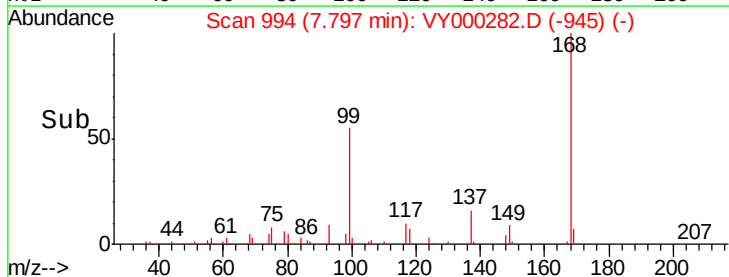
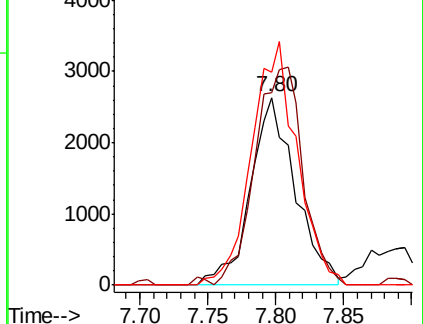
84 113.9 70.8 106.2#

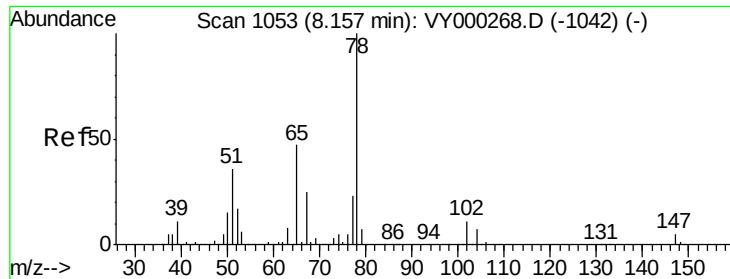


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

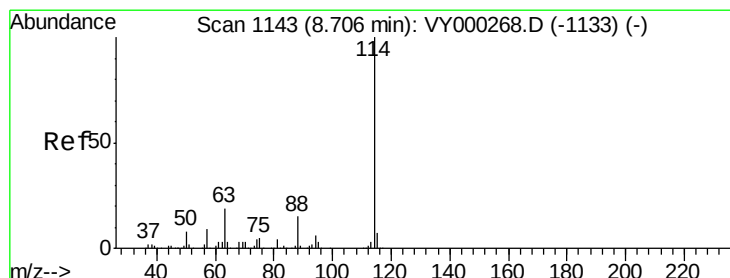
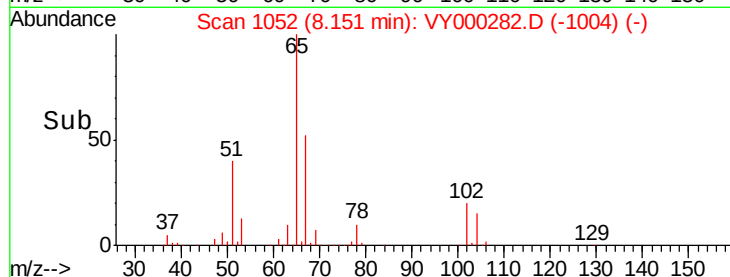
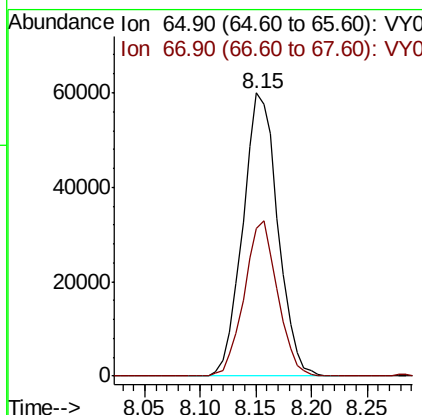
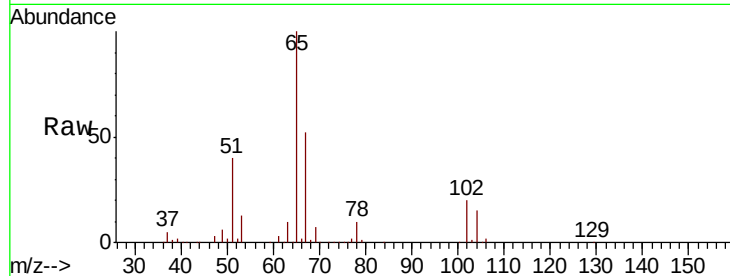




#33
 1,2-Dichloroethane-d4
 Concen: 57.360 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

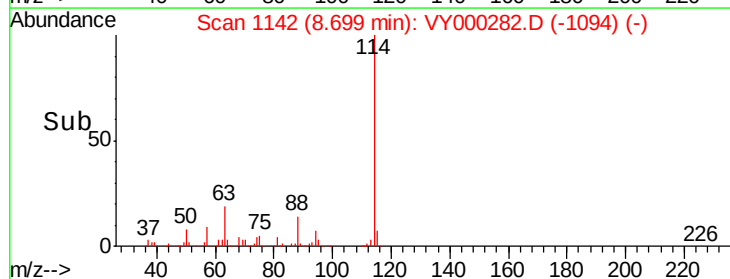
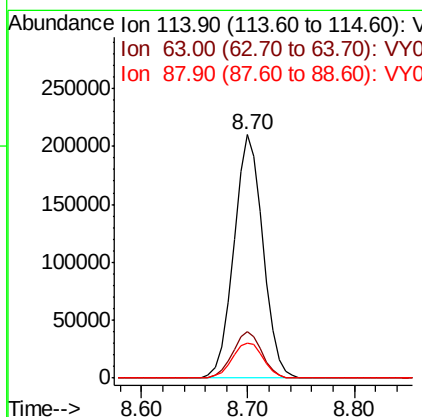
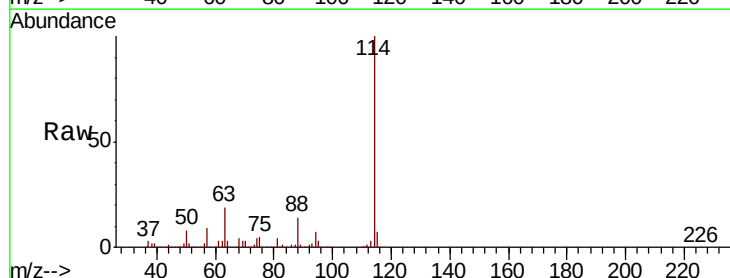
Instrument :
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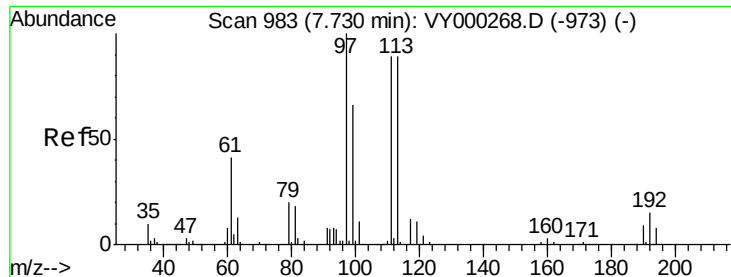
Tot Ion: 65 Resp: 130953
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

Tgt Ion: 114 Resp: 401789
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.2
 88 14.3 0.0 30.2

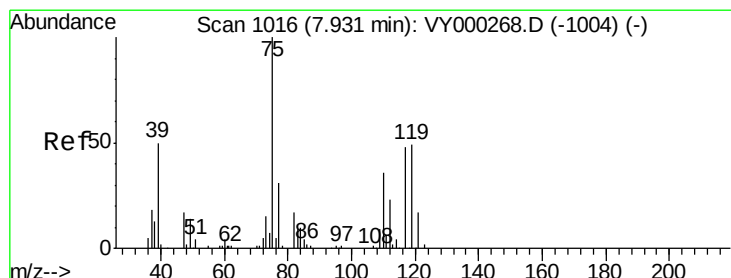
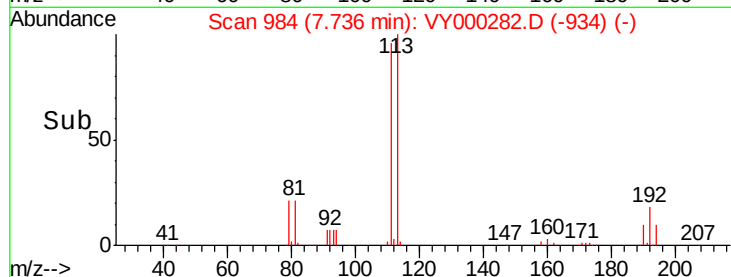
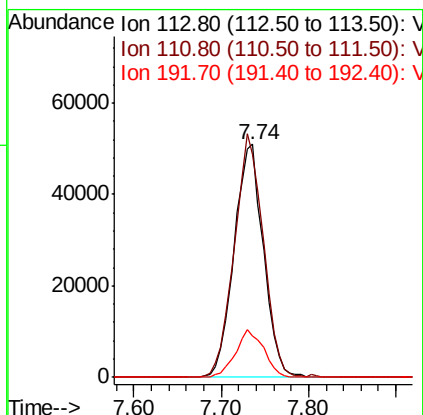
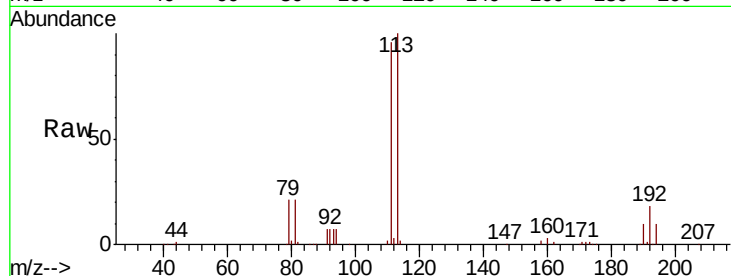




#35
 Dibromofluoromethane
 Concen: 49.073 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

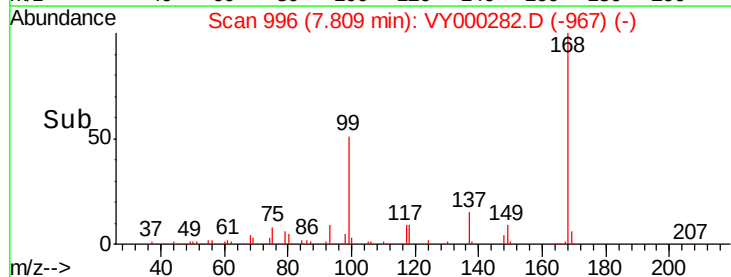
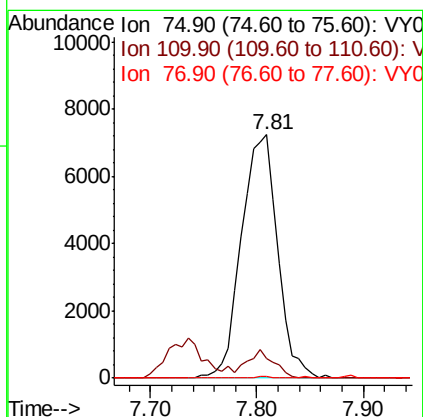
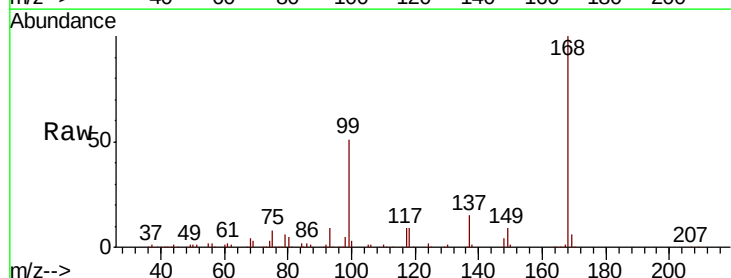
Instrument :
 MSVOA_Y
 ClientSampleId :

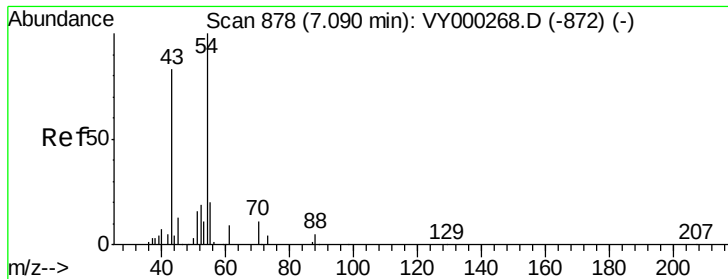
Tot Ion:113 Resp: 118934
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 19.7 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

Tgt Ion: 75 Resp: 17287
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.4#
 77 0.0 25.0 37.6#

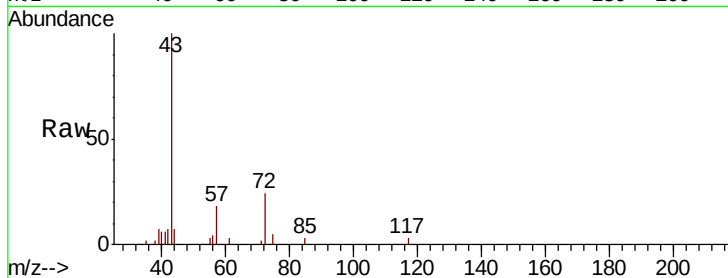




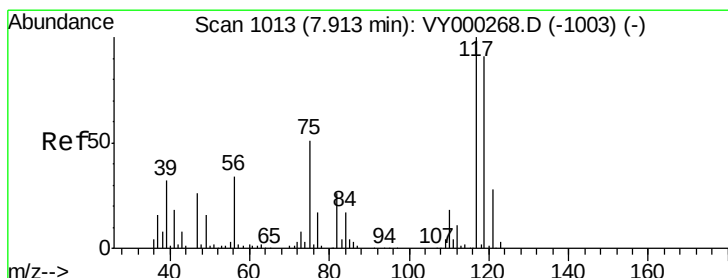
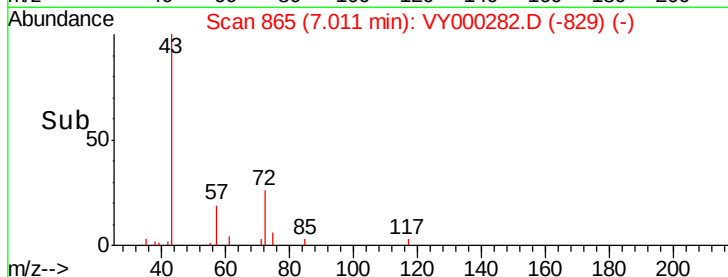
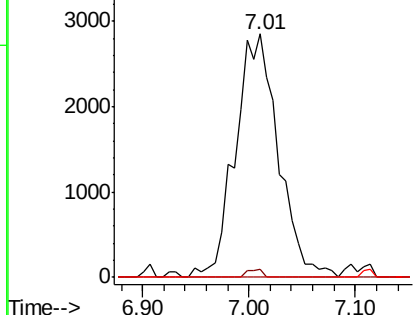
#37
Ethyl Acetate
Concen: 3.480 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.08 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 8106
Ion Ratio Lower Upper
43 100
61 1.2 12.1 18.1#
70 0.0 8.7 13.1#

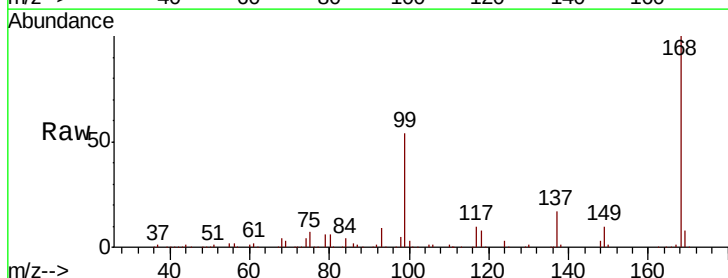


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

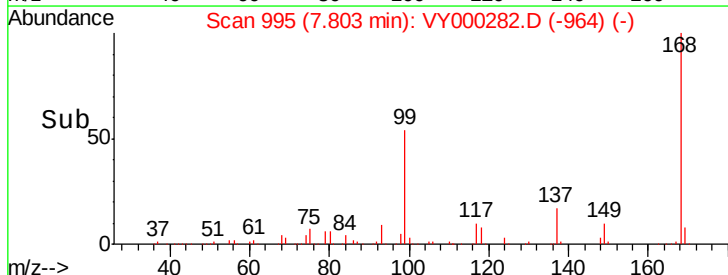
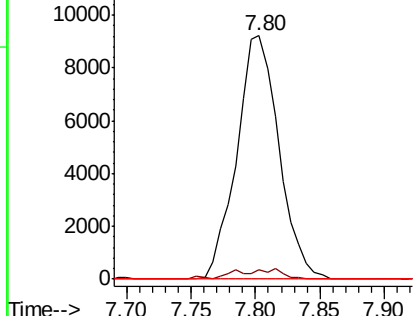


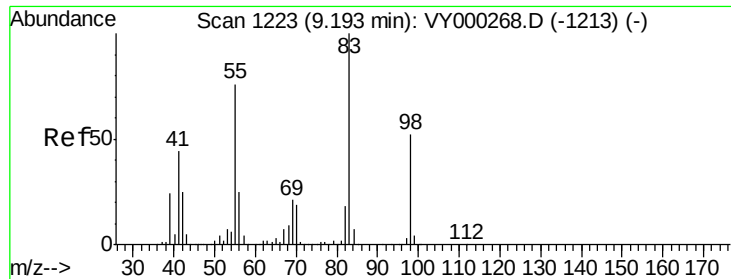
#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 117 Resp: 20942
Ion Ratio Lower Upper
117 100
119 3.9 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

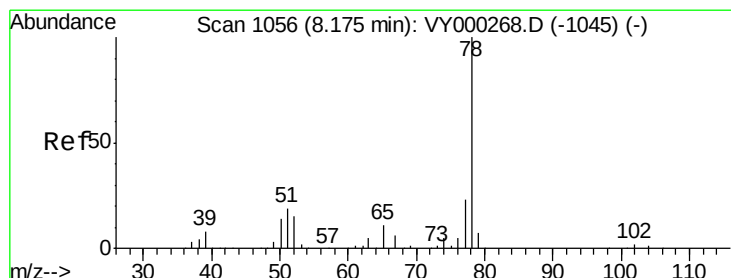
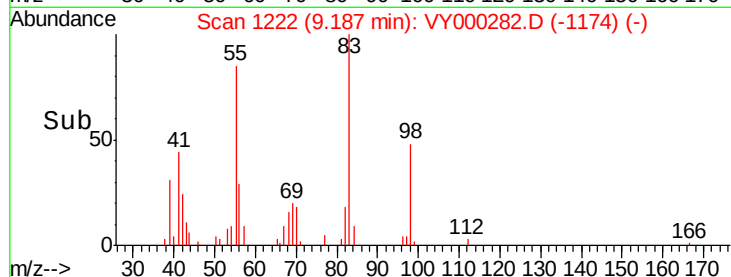
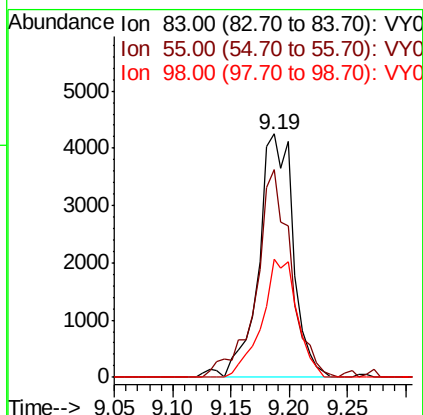
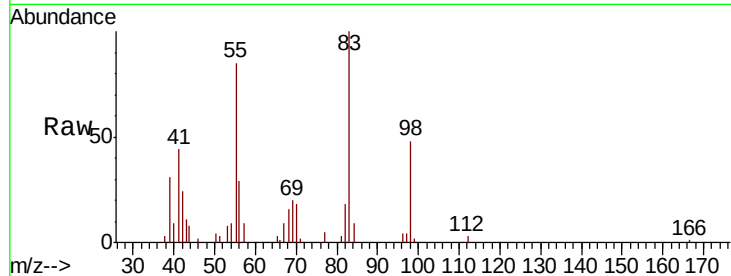




#39
Methylvclclohexane
Concen: 1.720 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

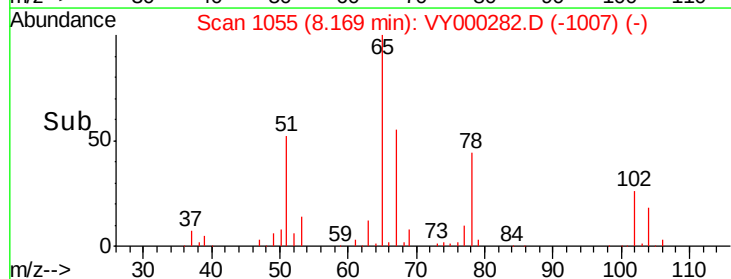
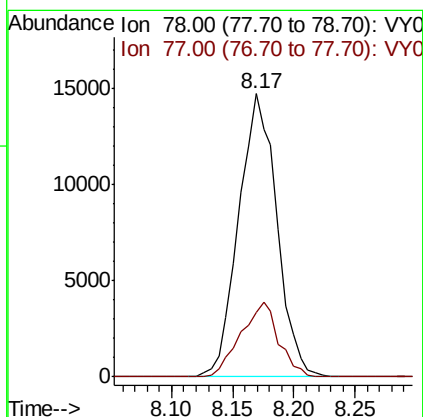
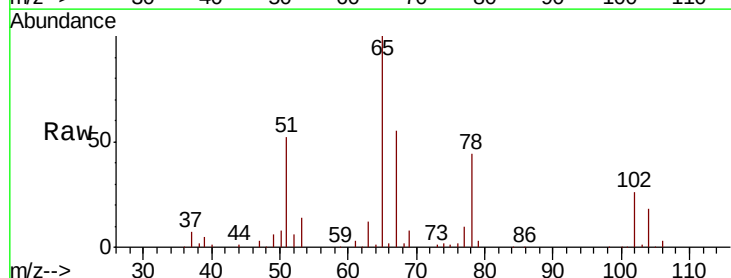
Instrument :
MSVOA_Y
ClientSampled :

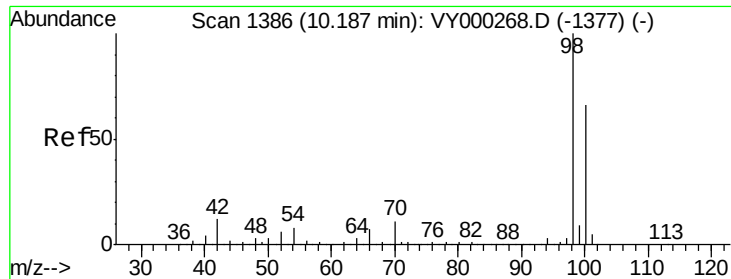
Tot Ion: 83 Resp: 8858
Ion Ratio Lower Upper
83 100
55 85.1 60.9 91.3
98 48.3 41.8 62.6



#40
Benzene
Concen: 2.807 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 78 Resp: 31913
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2





#50

Toluene-d8

Concen: 48.572 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

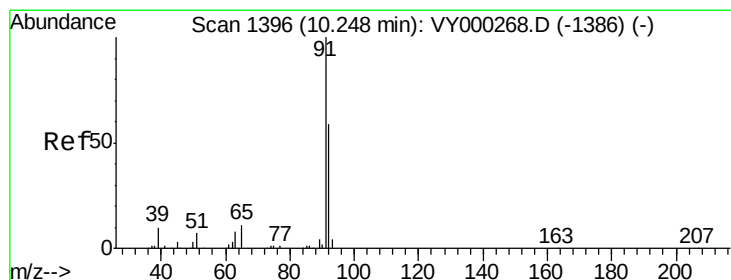
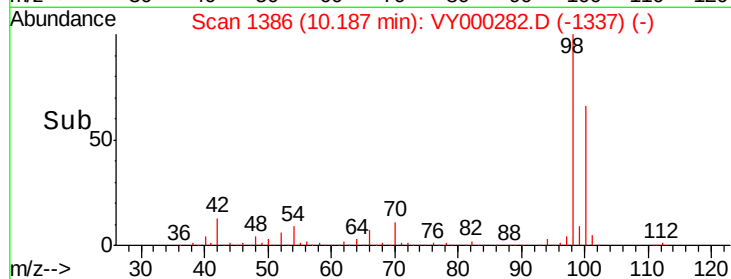
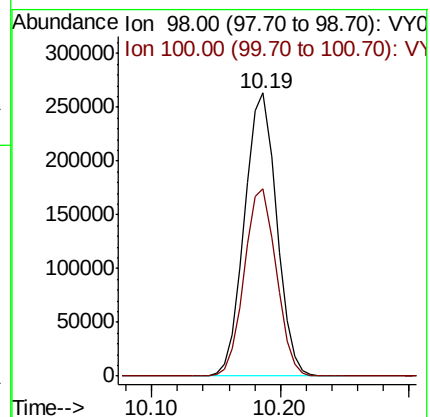
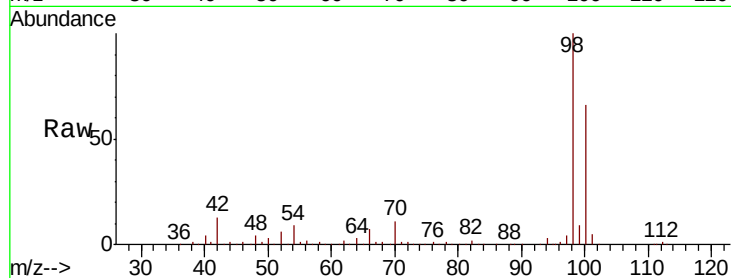
ClientSampleId :

Tot Ion: 98 Resp: 452843

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#52

Toluene

Concen: 4.347 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000282.D

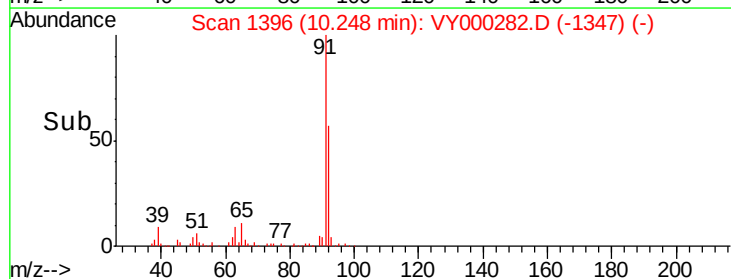
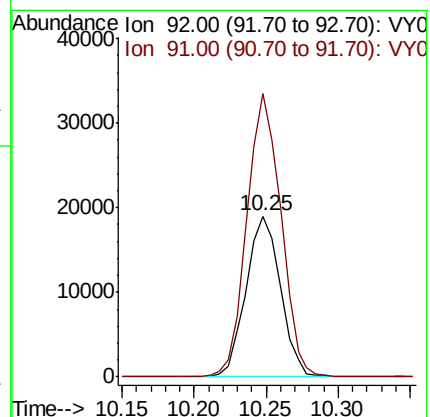
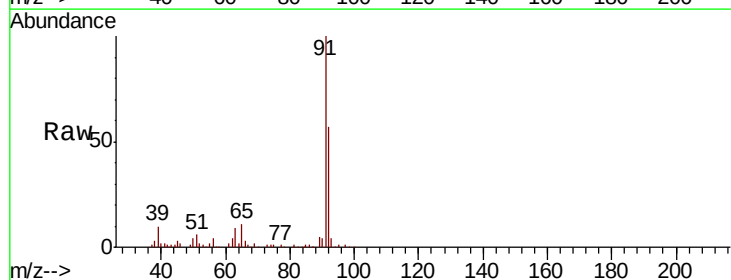
Acq: 11 Oct 2019 19:44

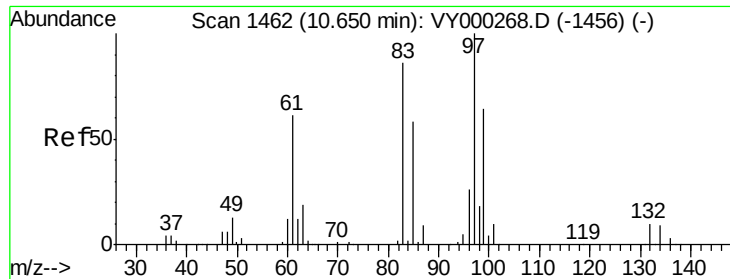
Tgt Ion: 92 Resp: 31377

Ion Ratio Lower Upper

92 100

91 174.6 136.6 205.0

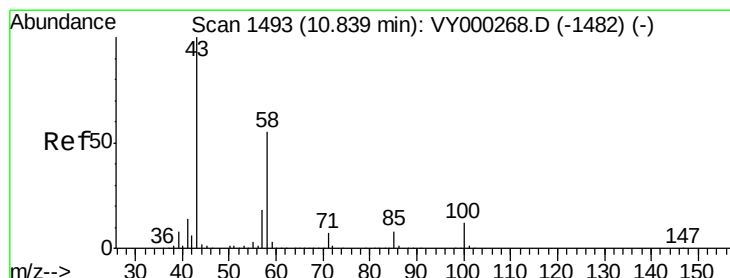
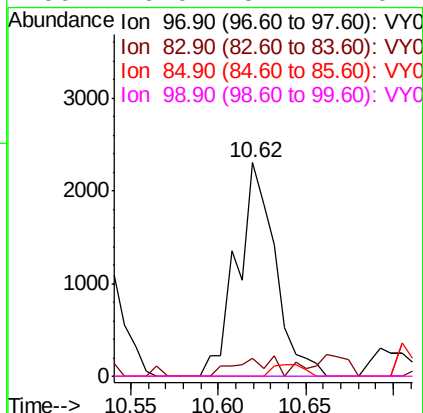
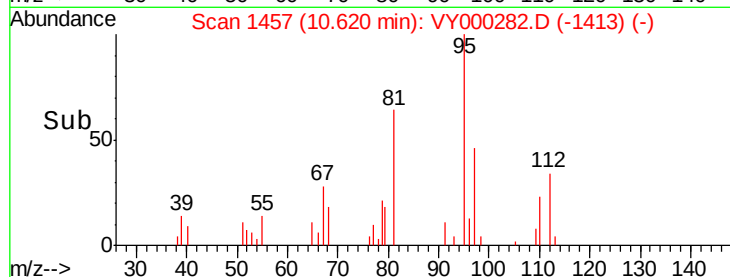
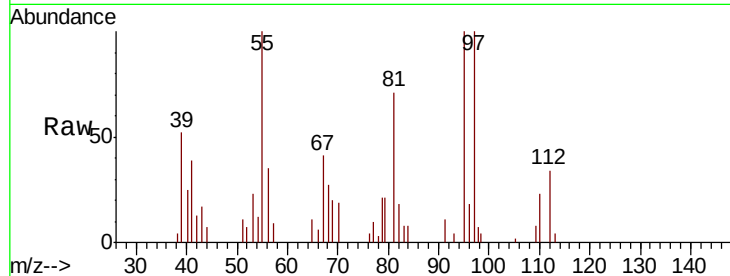




#55
 1,1,2-Trichloroethane
 Concen: 1.536 ug/l
 RT: 10.62 min Scan# 1457
 Delta R.T. -0.03 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

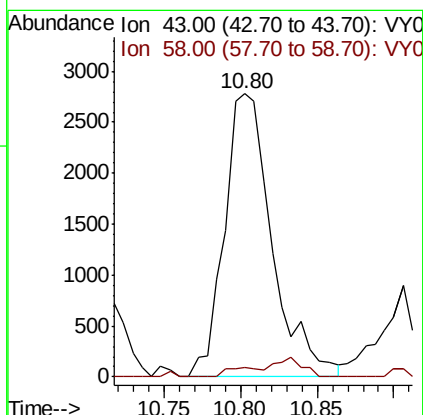
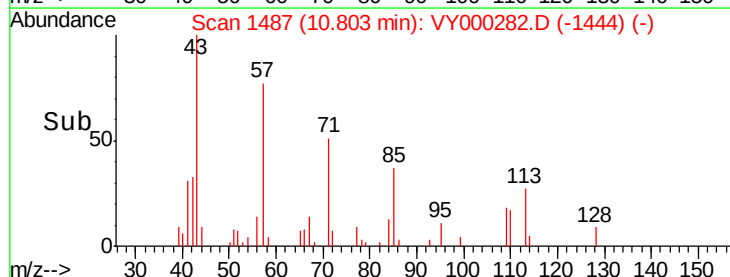
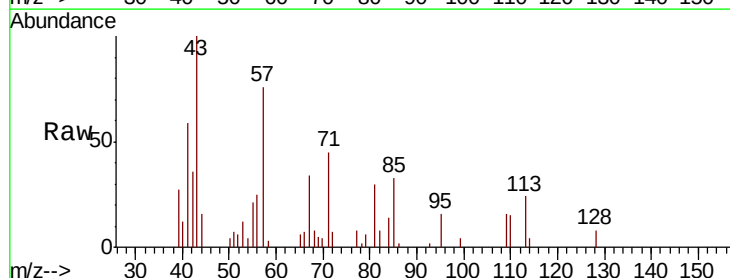
Instrument :
 MSVOA_Y
 ClientSampleId :

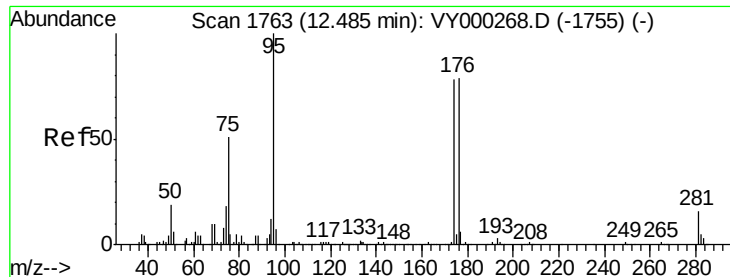
Tot Ion: 97 Resp: 3484
 Ion Ratio Lower Upper
 97 100
 83 8.4 69.0 103.6#
 85 0.0 46.2 69.4#
 99 0.0 51.1 76.7#



#59
 2-Hexanone
 Concen: 3.751 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.04 min
 Lab File: VY000282.D
 Acq: 11 Oct 2019 19:44

Tgt Ion: 43 Resp: 6014
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.7 83.1#

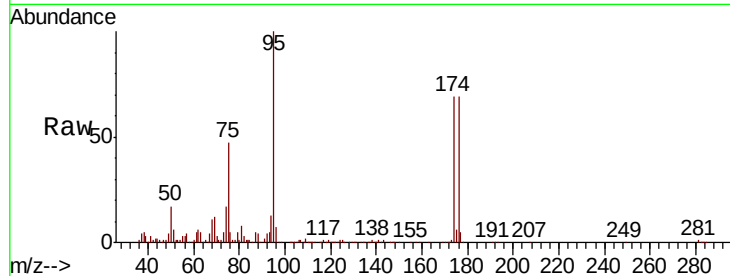




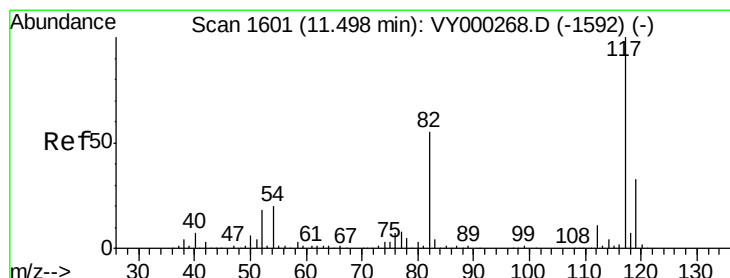
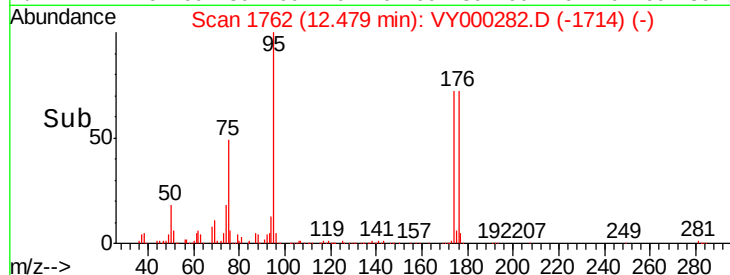
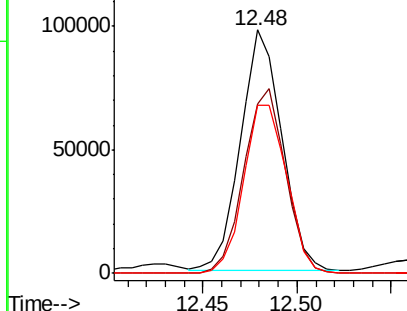
#62
4-Bromofluorobenzene
Concen: 41.511 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 95 Resp: 147030
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.6
176 73.9 0.0 153.8

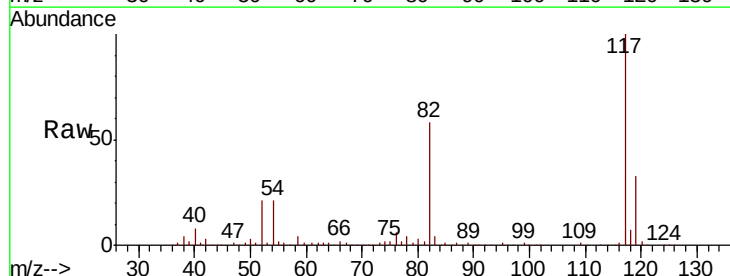


Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)
Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)
Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

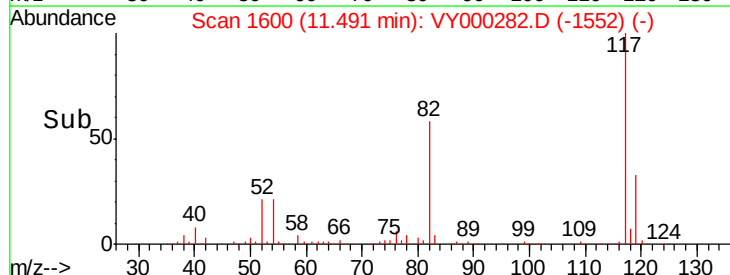
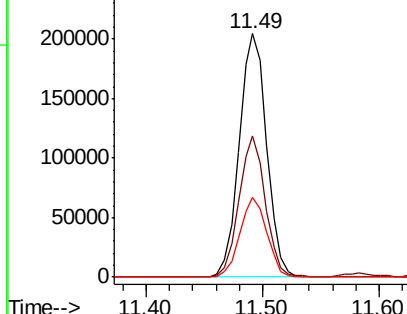


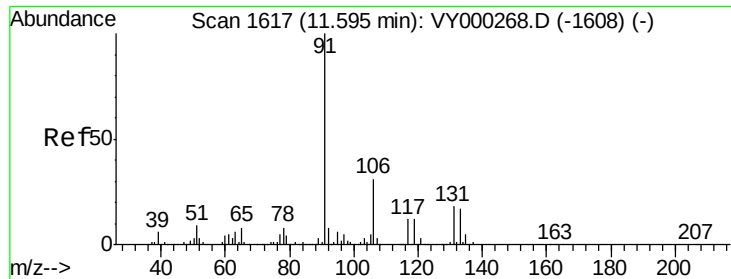
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 117 Resp: 334472
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 33.0 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) (-)

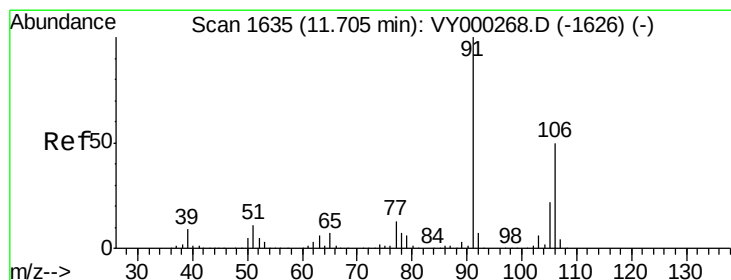
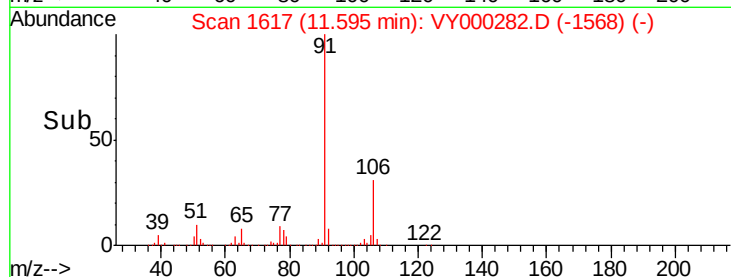
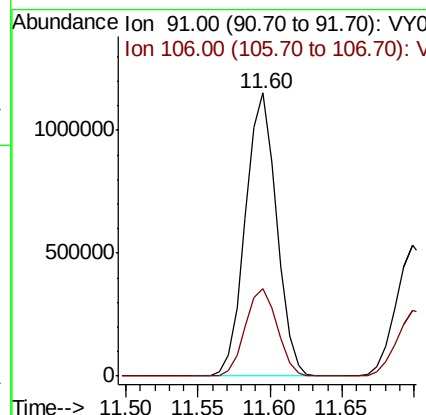
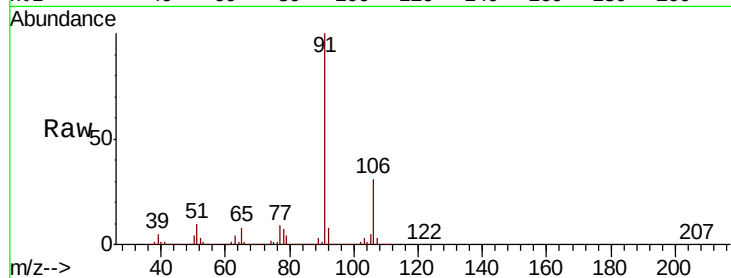




#67
Ethyl Benzene
Concen: 132.341 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

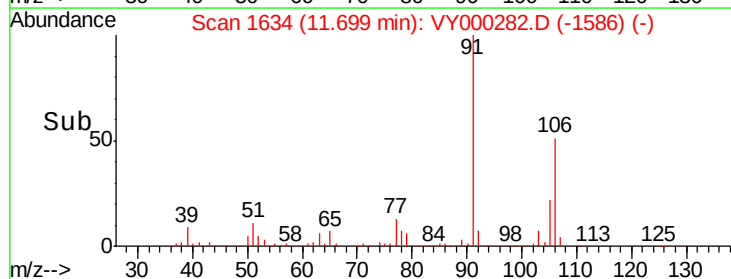
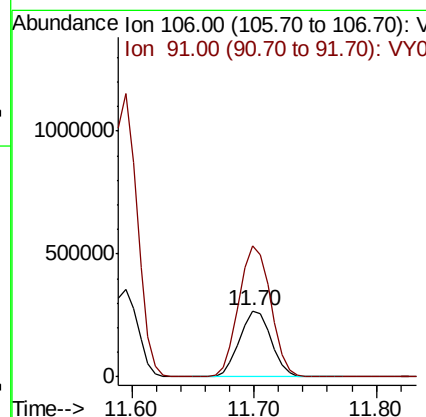
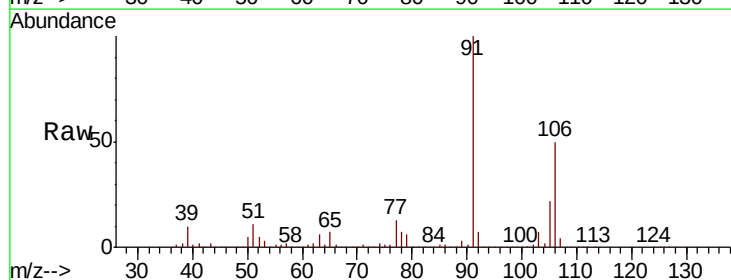
Instrument :
MSVOA_Y
ClientSampleId :

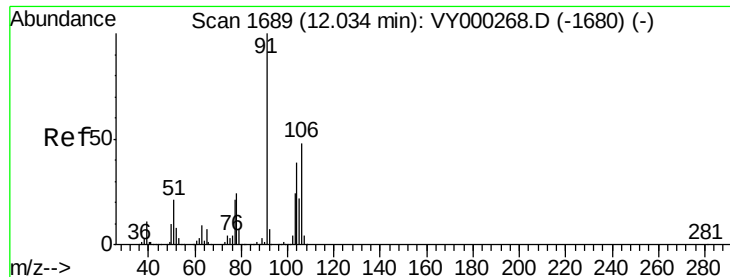
Tot Ion: 91 Resp: 1731750
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 96.877 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 106 Resp: 484615
Ion Ratio Lower Upper
106 100
91 199.4 157.5 236.3

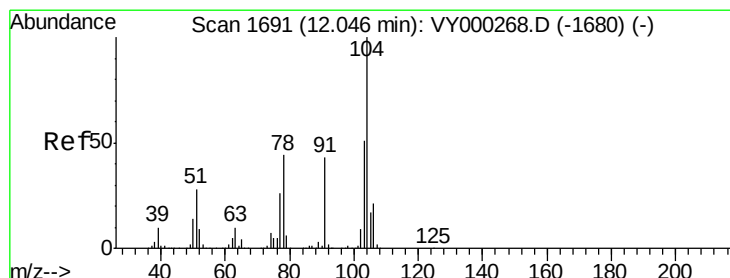
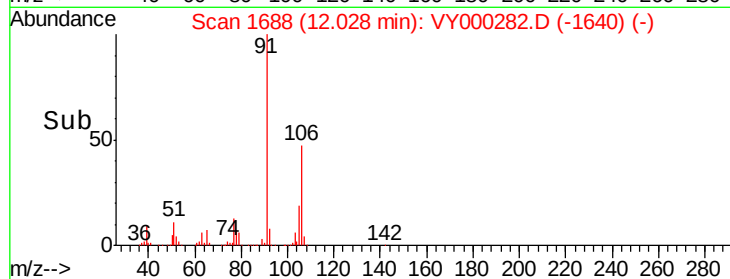
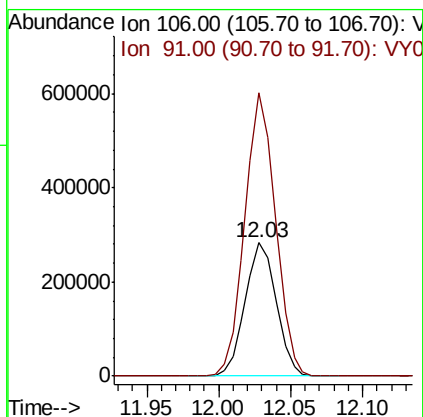
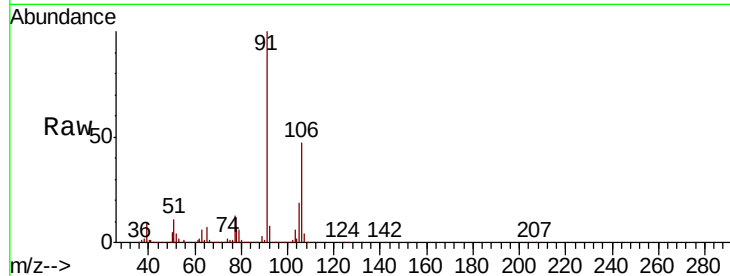




#69
o-Xylene
Concen: 88.828 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

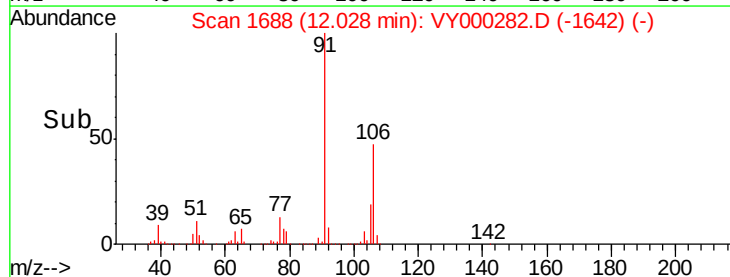
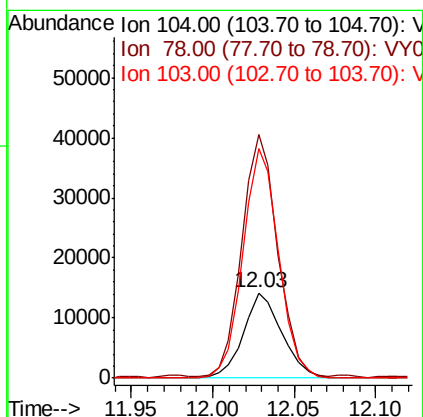
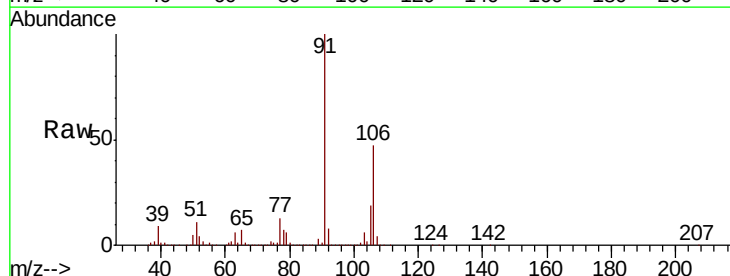
Instrument :
MSVOA_Y
ClientSampleId :

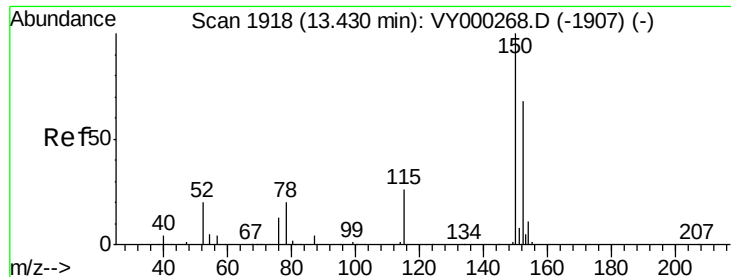
Tot Ion:106 Resp: 423896
Ion Ratio Lower Upper
106 100
91 209.4 104.7 313.9



#70
Styrene
Concen: 2.887 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.02 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion:104 Resp: 23235
Ion Ratio Lower Upper
104 100
78 267.5 39.0 58.6#
103 250.7 43.1 64.7#



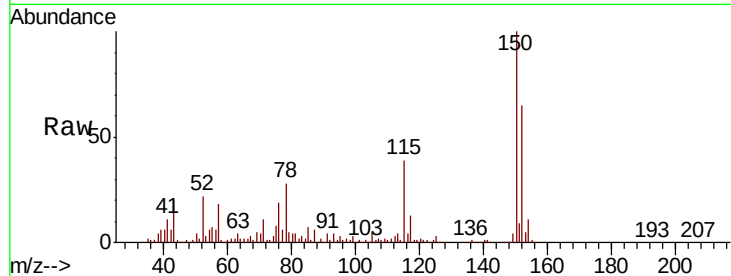


#72

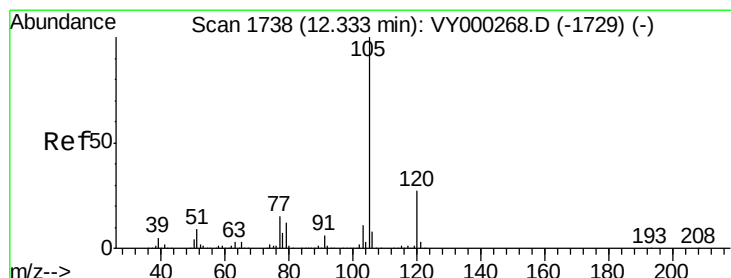
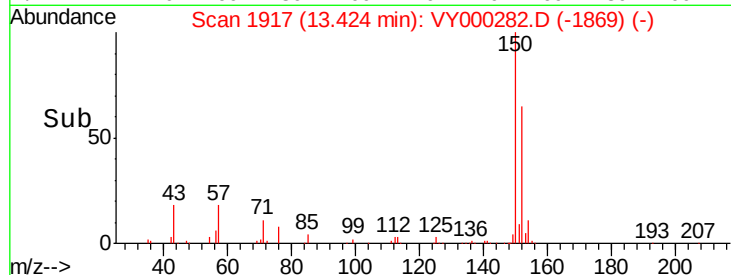
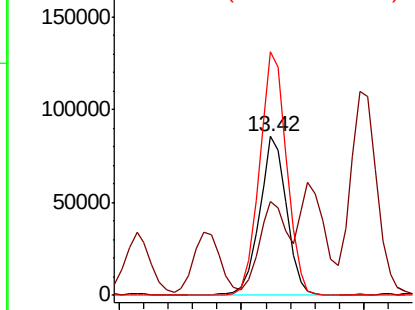
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.3	88.0#
150	153.3	0.0	348.4



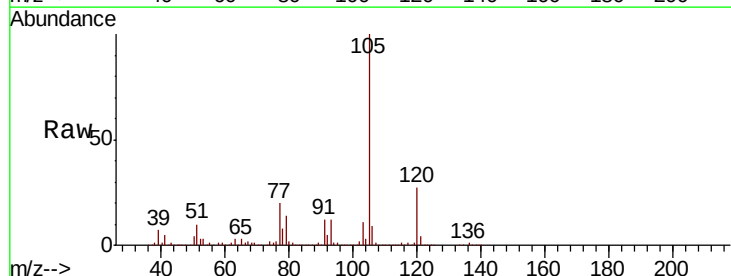
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



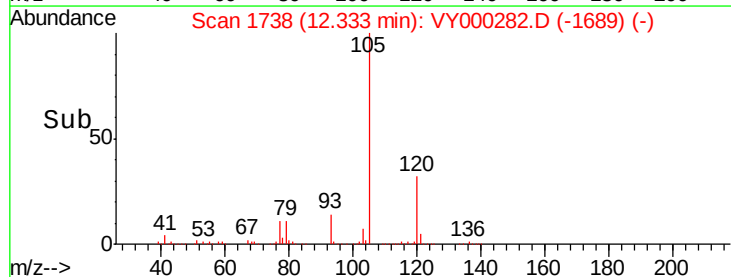
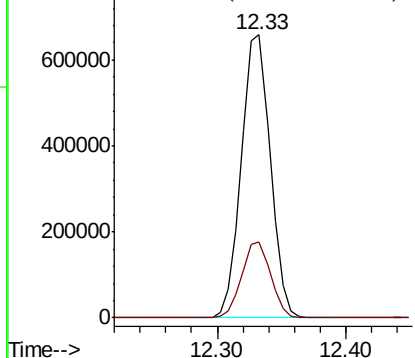
#73

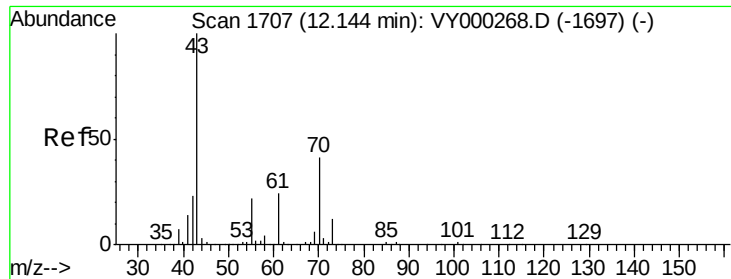
Isopropylbenzene
Concen: 99.326 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2



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

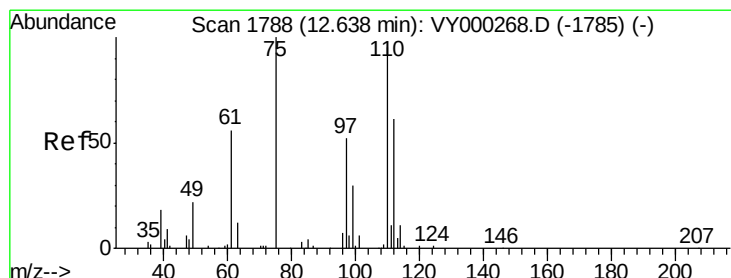
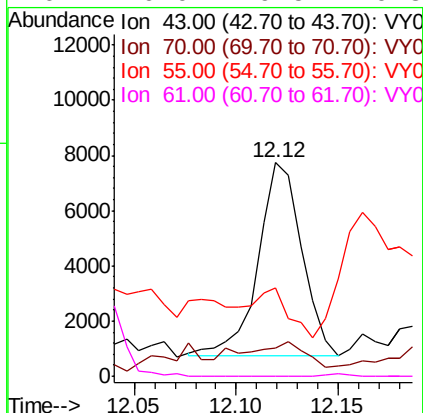
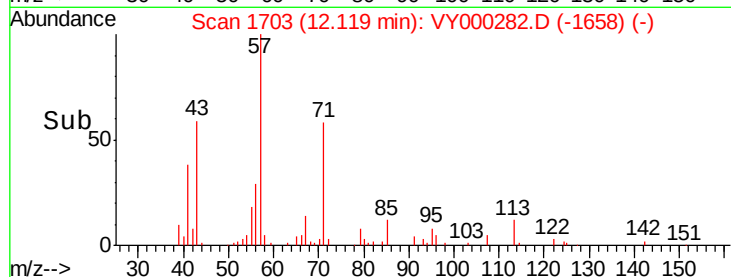
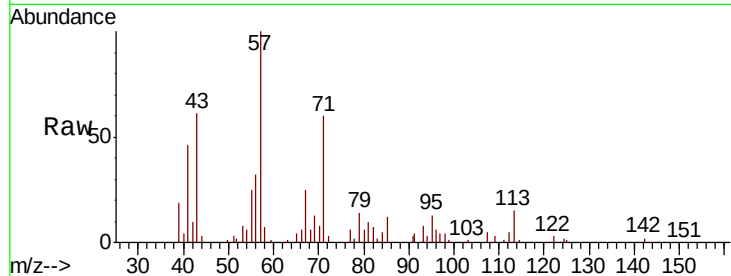




#74
N-amvl acetate
Concen: 4.122 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

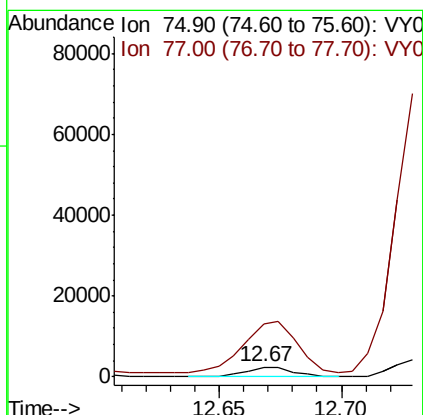
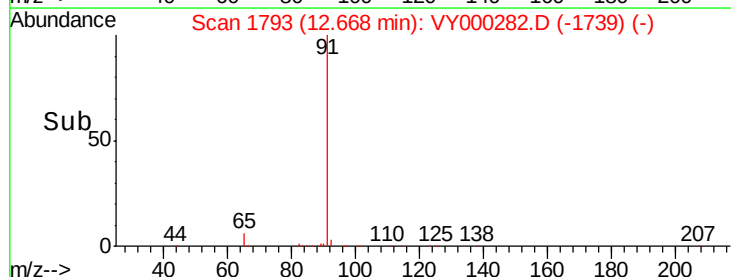
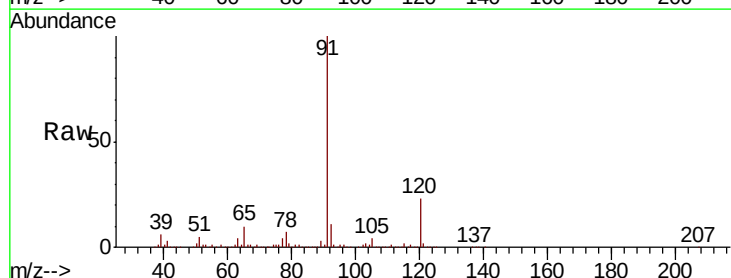
Instrument :
MSVOA_Y
ClientSampled :

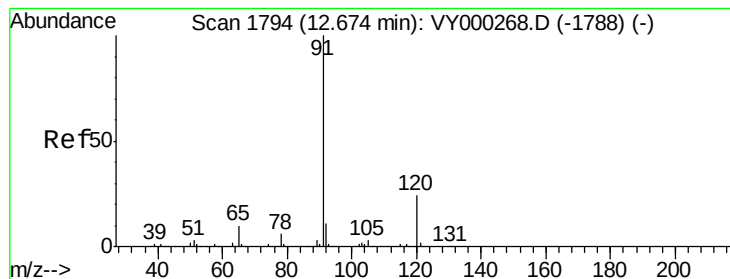
Tot Ion: 43 Resp: 10435
Ion Ratio Lower Upper
43 100
70 16.6 32.9 49.3#
55 20.7 17.8 26.6
61 0.0 19.5 29.3#



#76
1,2,3-Trichloropropane
Concen: 2.092 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.03 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 75 Resp: 3402
Ion Ratio Lower Upper
75 100
77 571.7 0.0 0.0#





#78

n-propylbenzene

Concen: 39.657 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

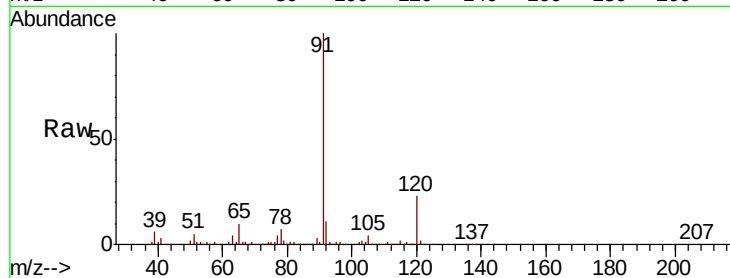
ClientSampleId :

Tot Ion: 91 Resp: 491033

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

12.67

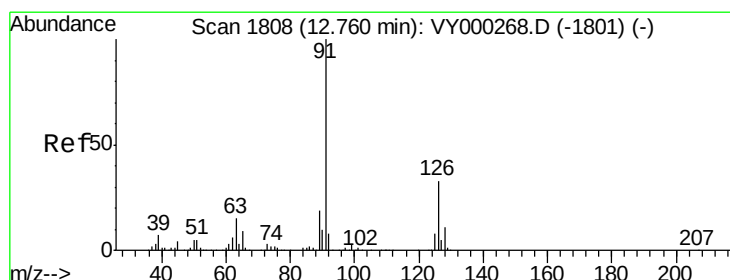
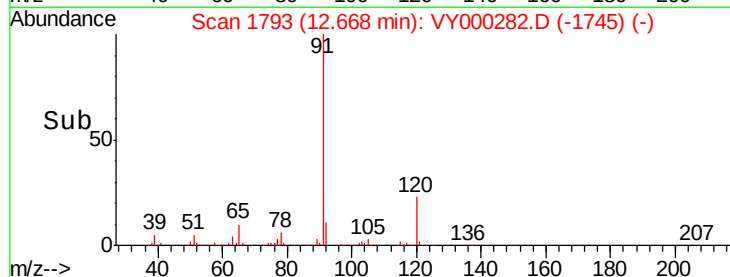
300000

200000

100000

0

Time-->



#79

2-Chlorotoluene

Concen: 23.968 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY000282.D

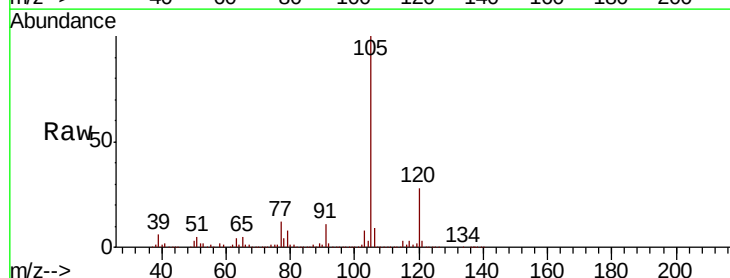
Acq: 11 Oct 2019 19:44

Tgt Ion: 91 Resp: 163896

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.3#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.77

120000

100000

80000

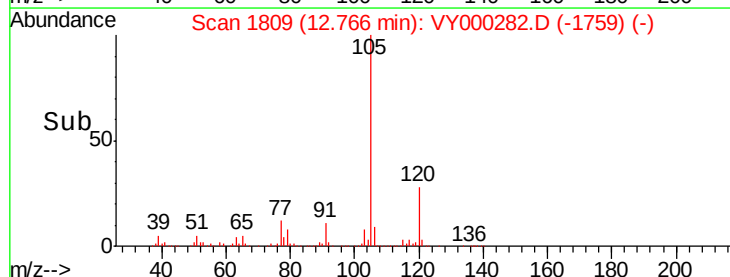
60000

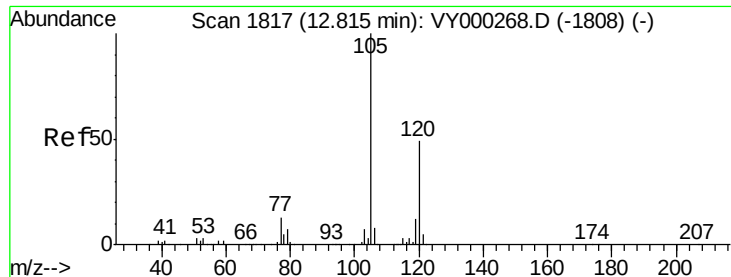
40000

20000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 175.843 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

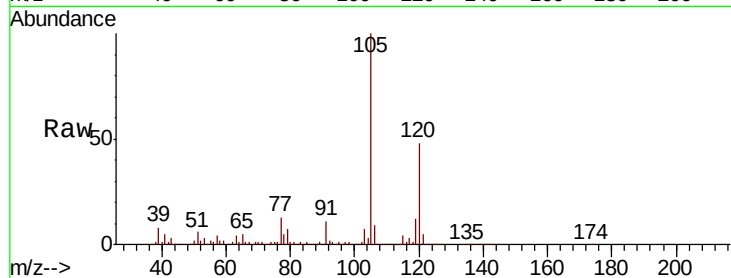
ClientSampled :

Tot Ion:105 Resp: 1520600

Ion Ratio Lower Upper

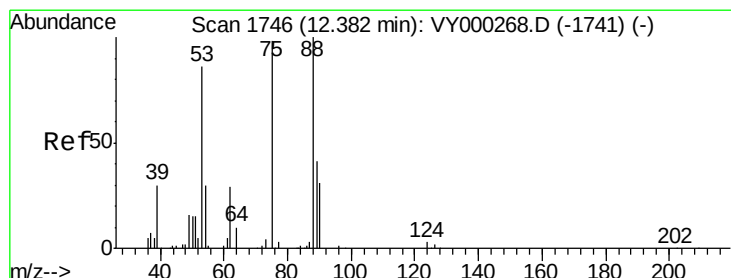
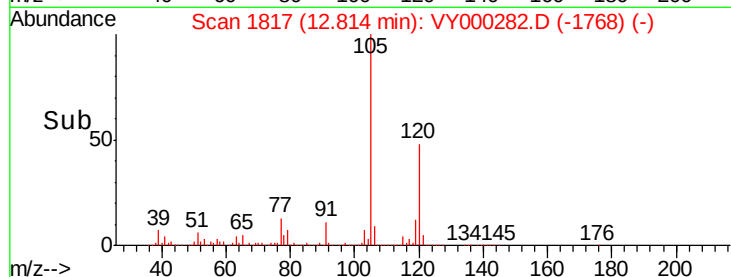
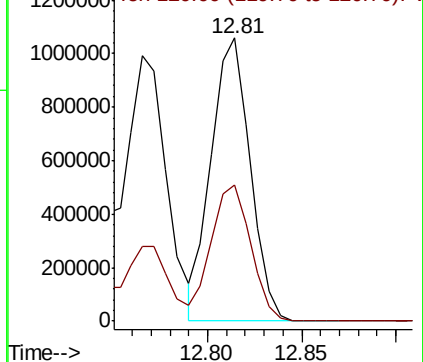
105 100

120 48.9 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: 17.121 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.06 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

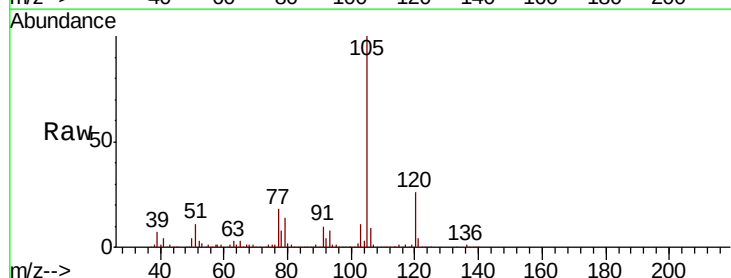
Tgt Ion: 75 Resp: 12726

Ion Ratio Lower Upper

75 100

53 204.3 71.3 106.9#

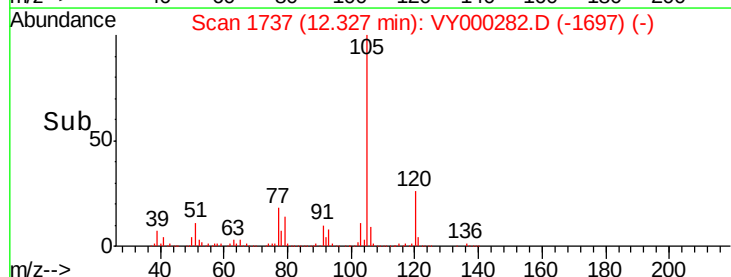
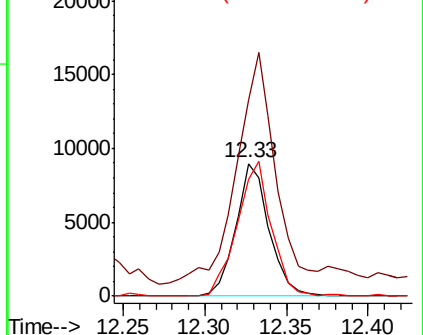
89 105.4 35.1 52.7#

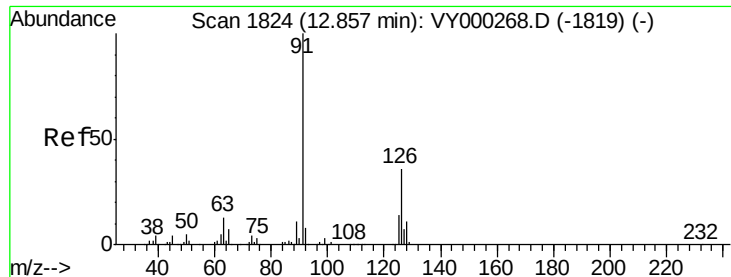


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 23.048 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.04 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

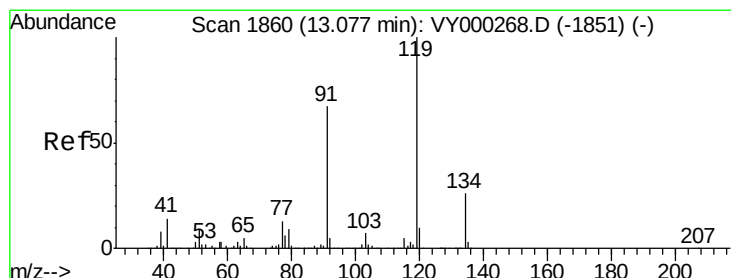
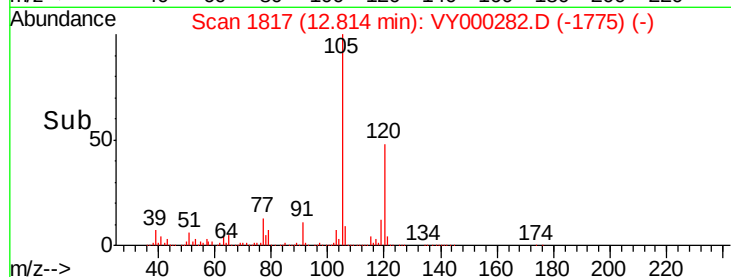
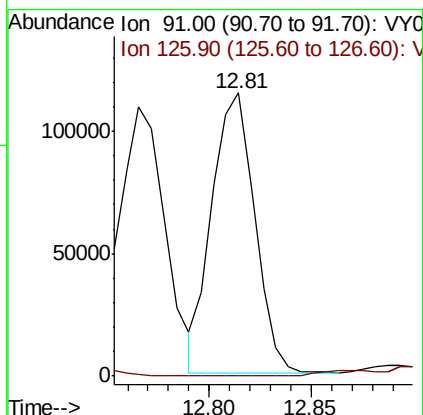
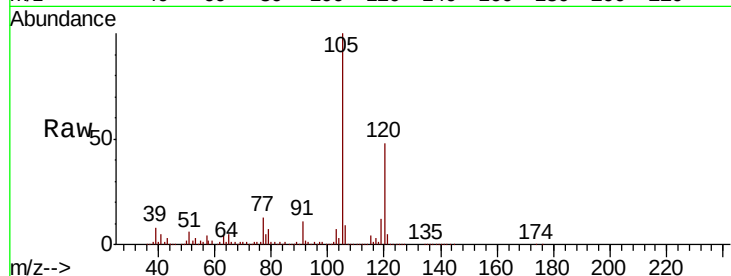
ClientSampleId :

Tot Ion: 91 Resp: 166598

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#83

tert-Butylbenzene

Concen: 83.376 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.04 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

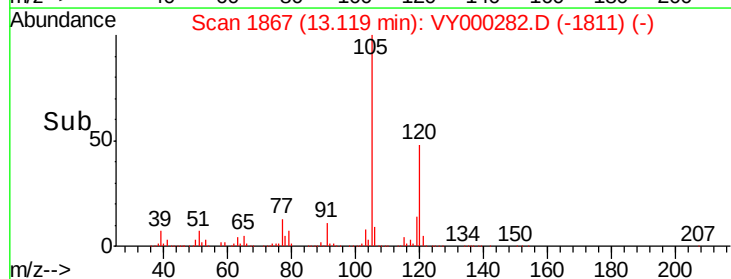
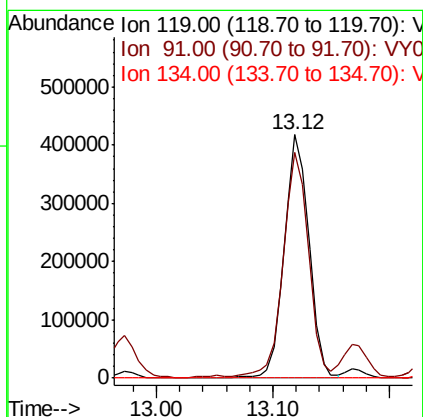
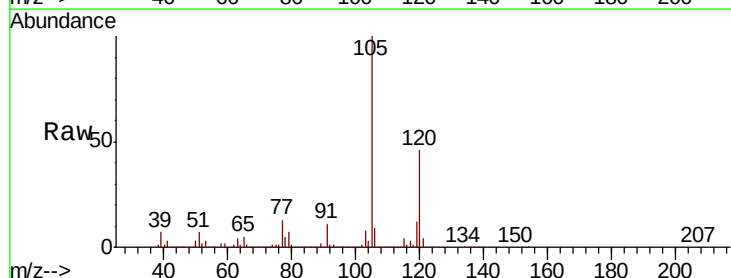
Tgt Ion: 119 Resp: 610566

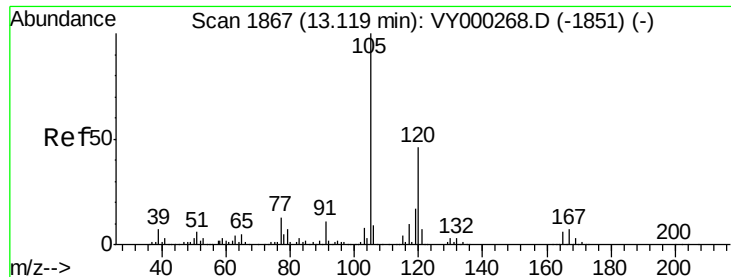
Ion Ratio Lower Upper

119 100

91 93.4 32.9 98.7

134 0.0 13.3 39.8#

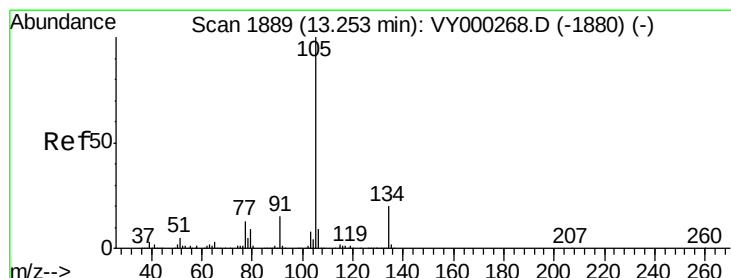
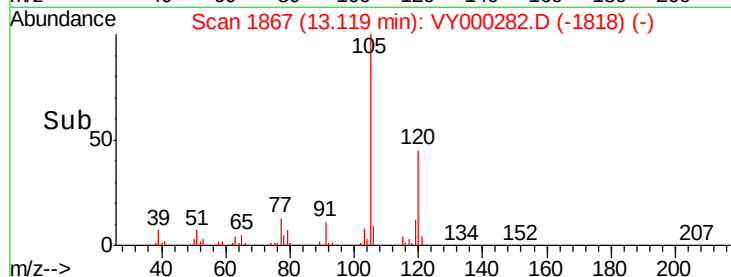
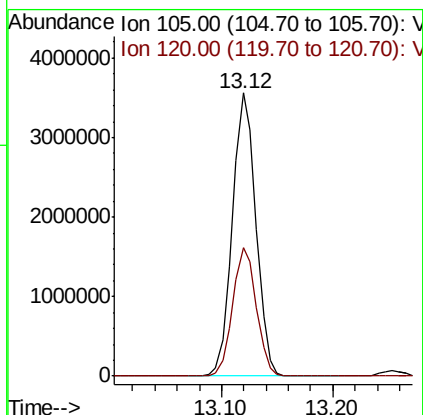
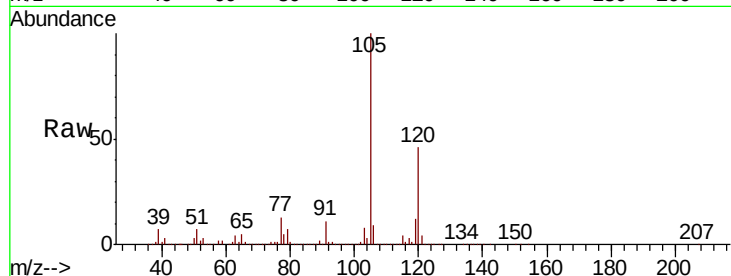




#84
1,2,4-Trimethylbenzene
Concen: 606.786 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

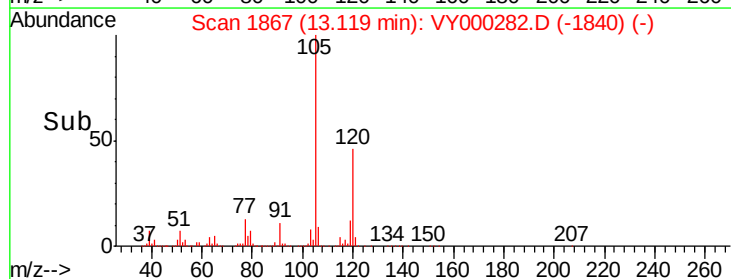
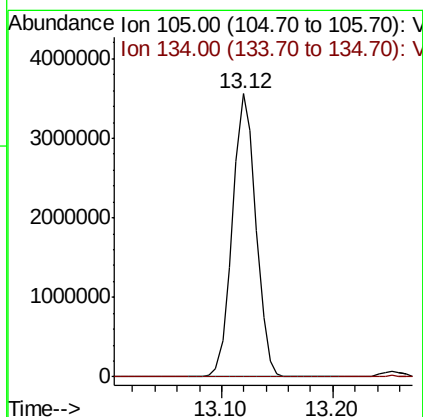
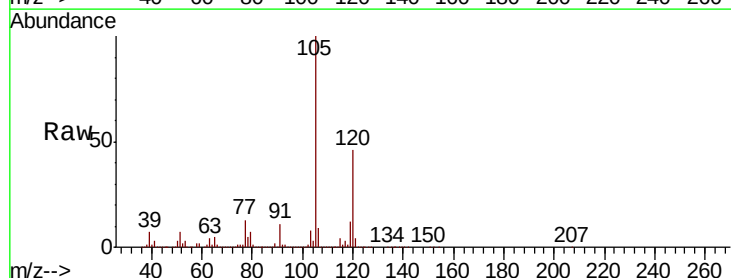
Instrument :
MSVOA_Y
ClientSampleId :

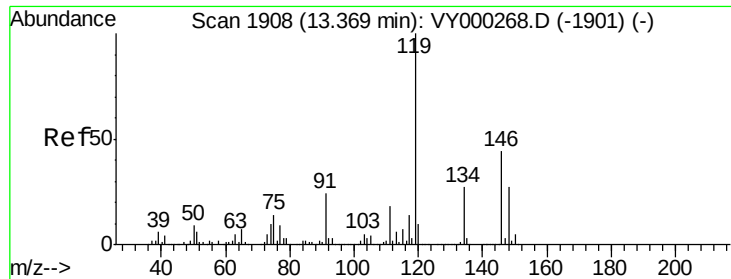
Tot Ion:105 Resp: 5178737
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.8



#85
sec-Butylbenzene
Concen: 488.851 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.13 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion:105 Resp: 5178737
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

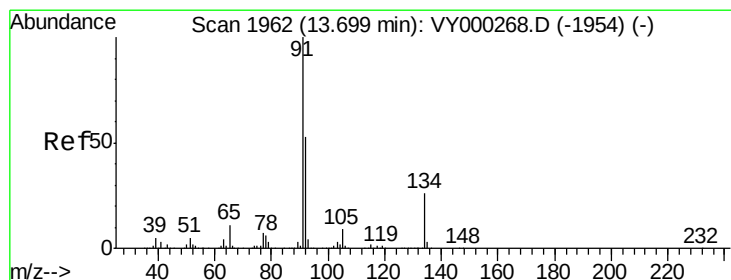
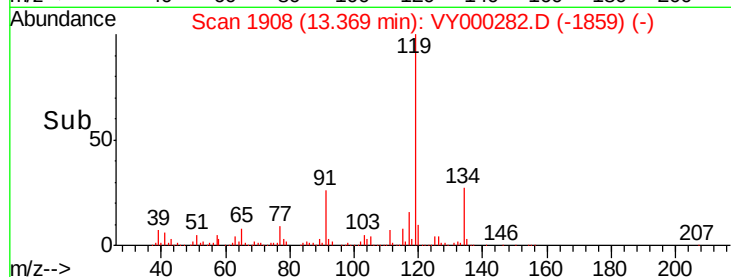
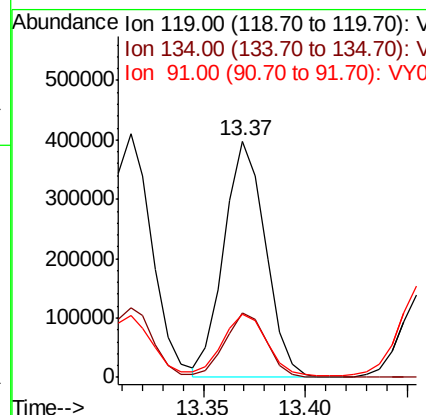
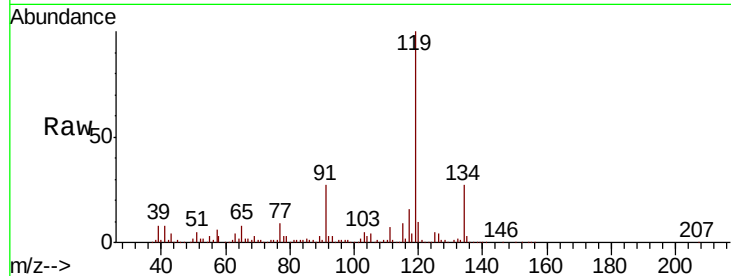




#86
p-Isopropyltoluene
Concen: 60.580 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

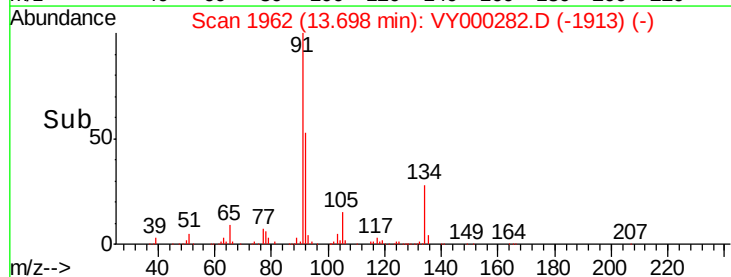
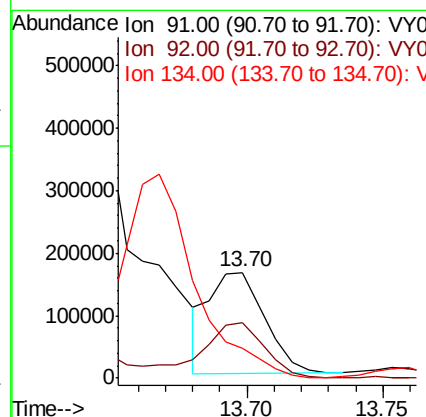
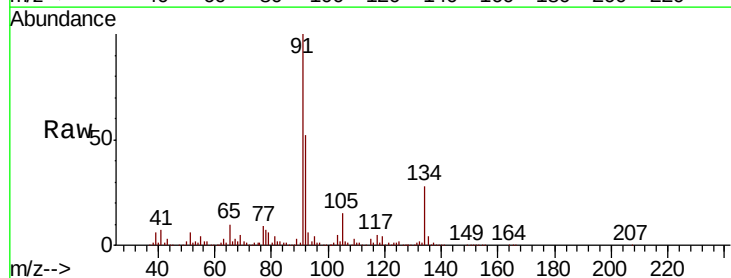
Instrument :
MSVOA_Y
ClientSampled :

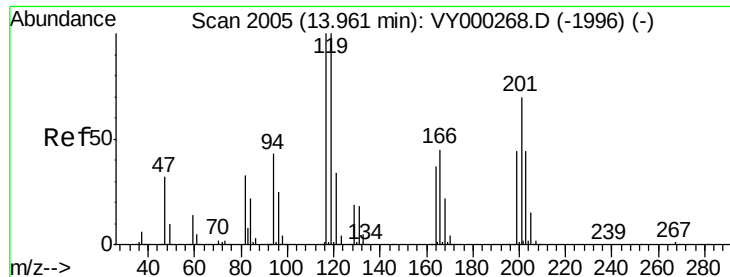
Tot Ion:119 Resp: 559495
Ion Ratio Lower Upper
119 100
134 27.2 13.6 40.8
91 27.3 12.0 36.1



#89
n-Butylbenzene
Concen: 24.861 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000282.D
Acq: 11 Oct 2019 19:44

Tgt Ion: 91 Resp: 226902
Ion Ratio Lower Upper
91 100
92 59.5 26.7 80.1
134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 162.402 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Instrument :

MSVOA_Y

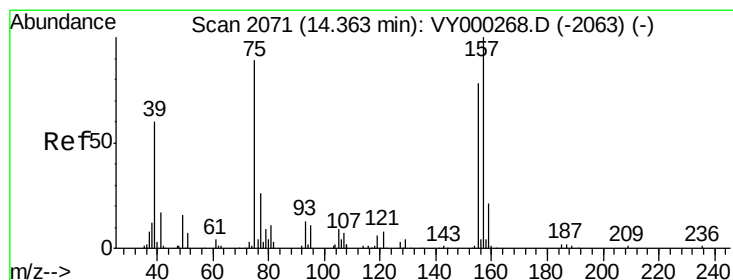
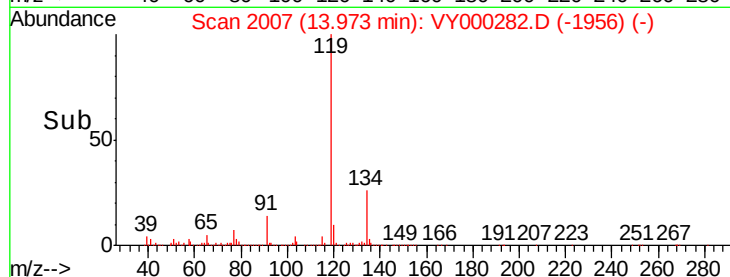
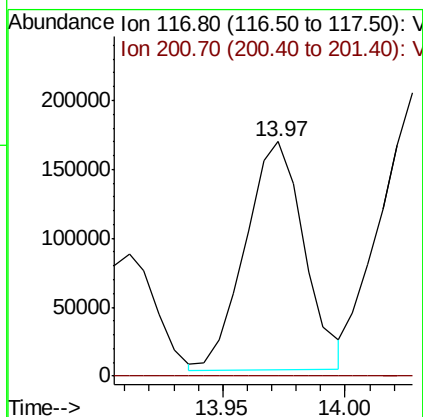
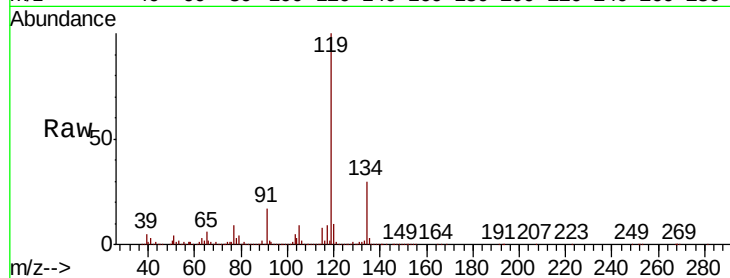
ClientSampled :

Tot Ion:117 Resp: 277740

Ion Ratio Lower Upper

117 100

201 0.0 36.3 108.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 303.125 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY000282.D

Acq: 11 Oct 2019 19:44

Tgt Ion: 75 Resp: 111316

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.3#

157 0.0 55.6 166.9#

