

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001232.D
 Acq On : 15 Jan 2020 20:28
 Operator : SY/MD
 Sample : L1123-07
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

Quant Time: Jan 16 04:53:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	163240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	332057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	261536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	99334	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
35) Dibromofluoromethane	7.73	113	87575	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
50) Toluene-d8	10.18	98	628960	83.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	167.92%	
62) 4-Bromofluorobenzene	12.48	95	210254	68.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.30%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.95	59	1164	6.710	ug/l #	73
13) Acrolein	3.95	56	16810	107.643	ug/l #	68
14) Allyl chloride	4.71	41	330591	117.376	ug/l #	60
15) Acrylonitrile	5.25	53	61331	124.542	ug/l #	40
16) Acetone	3.95	43	61754	154.228	ug/l #	69
17) Carbon Disulfide	4.21	76	5603	1.037	ug/l	98
18) Methyl Acetate	4.71	43	913140	689.762	ug/l #	50
25) 2-Butanone	6.99	43	124033	199.034	ug/l #	50
26) 2,2-Dichloropropane	6.99	77	3361	1.161	ug/l #	52
29) Tetrahydrofuran	7.35	42	1043	2.442	ug/l #	32
30) Chloroform	7.48	83	75171	24.360	ug/l #	20
31) Cyclohexane	7.89	56	13405482	4020.221	ug/l #	18
37) Ethyl Acetate	6.99	43	124033	69.832	ug/l #	72
38) Carbon Tetrachloride	7.80	117	15459	5.574	ug/l #	15
39) Methylcyclohexane	9.19	83	2211616	539.012	ug/l #	64
40) Benzene	8.17	78	17635	1.996	ug/l	92
41) Methacrylonitrile	7.36	41	19377	23.224	ug/l #	37
42) 1,2-Dichloroethane	8.28	62	8045	3.252	ug/l #	1
43) Isopropyl Acetate	8.28	43	1573976	463.424	ug/l #	52
45) 1,2-Dichloropropane	9.20	63	45782	20.962	ug/l #	1
47) Bromodichloromethane	9.49	83	410663	141.403	ug/l #	26
48) Methyl methacrylate	9.33	41	1266791	805.996	ug/l #	27
49) 1,4-Dioxane	9.25	88	110	7.580	ug/l #	1
51) 4-Methyl-2-Pentanone	10.13	43	2507687	1455.106	ug/l #	79
52) Toluene	10.25	92	26162	4.643	ug/l	86
55) 1,1,2-Trichloroethane	10.62	97	1761788	997.247	ug/l #	25
56) Ethyl methacrylate	10.52	69	232192	85.921	ug/l #	46
58) 2-Chloroethyl Vinyl ether	9.76	63	77425	81.461	ug/l #	46
59) 2-Hexanone	10.81	43	2365168	1958.255	ug/l #	28
60) Dibromochloromethane	11.21	129	5138	2.526	ug/l	70
61) 1,2-Dibromoethane	11.06	107	7564	4.385	ug/l #	1
65) Chlorobenzene	11.42	112	12243	2.343	ug/l #	45
67) Ethyl Benzene	11.60	91	107895	11.286	ug/l	99
68) m/p-Xylenes	11.70	106	103140	28.600	ug/l	93

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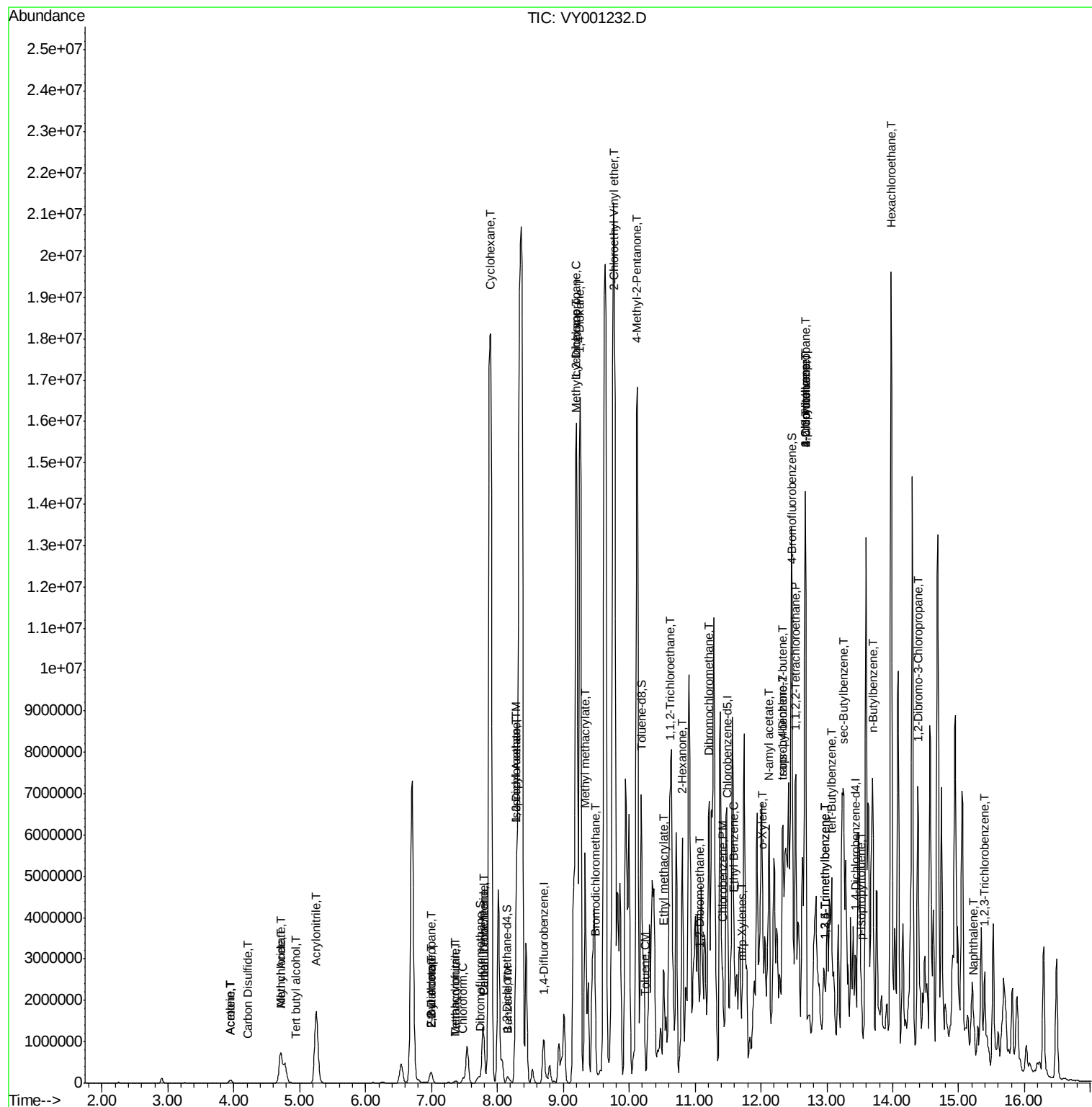
69) o-Xylene	12.03	106	20213	5.846	ug/l	48
73) Isopropylbenzene	12.33	105	3227403	325.165	ug/l	99
74) N-amyl acetate	12.13	43	1391457	449.213	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.53	83	66170	31.687	ug/l #	1
76) 1,2,3-Trichloropropane	12.67	75	68238	48.281	ug/l #	100
78) n-propylbenzene	12.67	91	10359436	867.711	ug/l	98
79) 2-Chlorotoluene	12.67	91	10359436	1510.897	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.97	105	270765	32.695	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.33	75	35278	42.327	ug/l #	81
82) 4-Chlorotoluene	12.67	91	10359436	1415.267	ug/l #	42
83) tert-Butylbenzene	13.08	119	48168	6.922	ug/l #	25
84) 1,2,4-Trimethylbenzene	12.97	105	270765	32.923	ug/l	78
85) sec-Butylbenzene	13.25	105	3355021	335.140	ug/l #	52
86) p-Isopropyltoluene	13.53	119	524988	60.400	ug/l	98
89) n-Butylbenzene	13.70	91	4050527	462.696	ug/l #	85
90) Hexachloroethane	13.97	117	1177215	693.155	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	21593	57.323	ug/l #	4
95) Naphthalene	15.23	128	175564	29.692	ug/l #	61
96) 1,2,3-Trichlorobenzene	15.39	180	2279	1.018	ug/l #	1

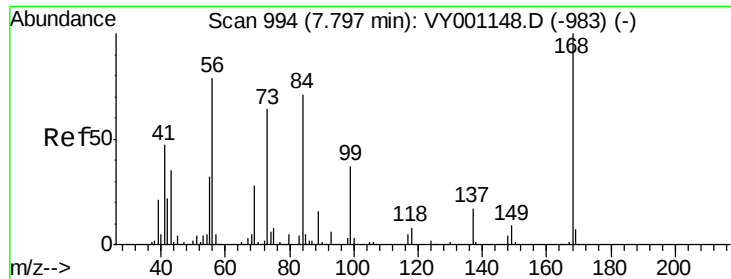
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

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MSVOA_Y

ClientSampleId :

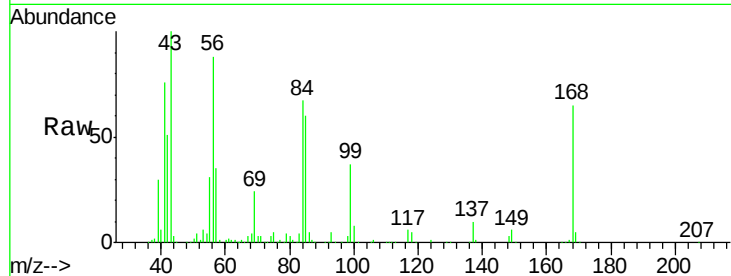
SB-04-2.5-3.0

Tgt Ion:168 Resp: 163240

Ion Ratio Lower Upper

168 100

99 56.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

60000

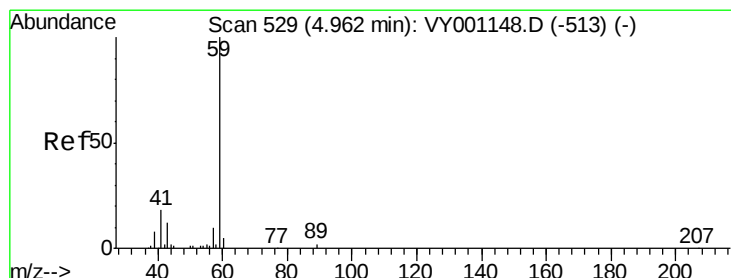
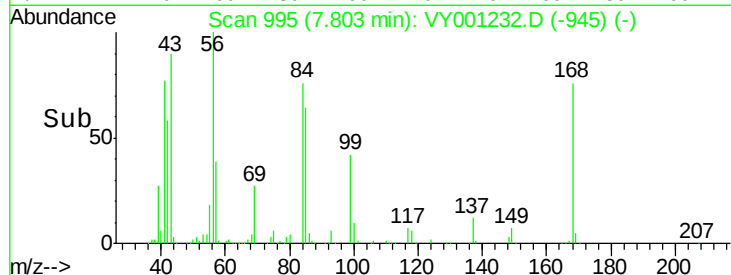
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 6.710 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.01 min

Lab File: VY001232.D

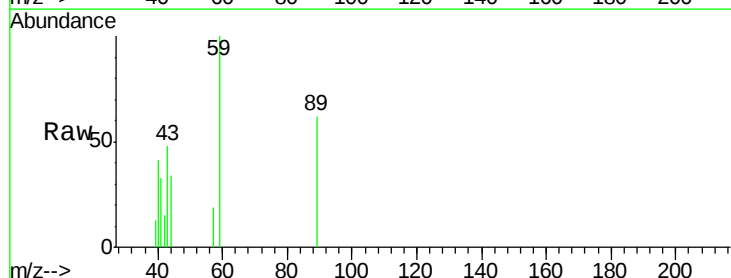
Acq: 15 Jan 2020 20:28

Tgt Ion: 59 Resp: 1164

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.95

800

600

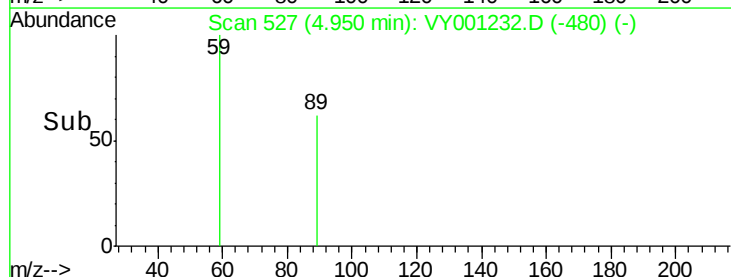
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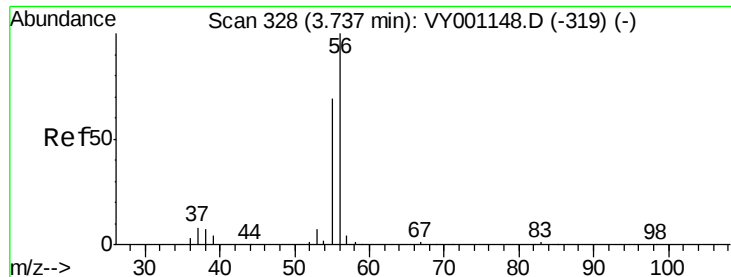
200

0

4.85 4.90 4.95

Time-->





#13

Acrolein

Concen: 107.643 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.21 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

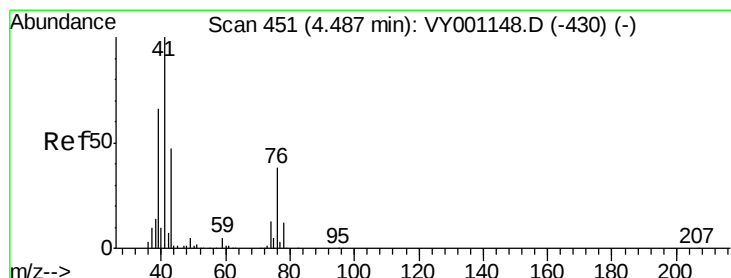
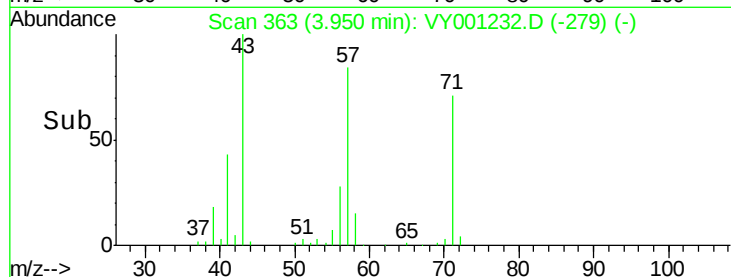
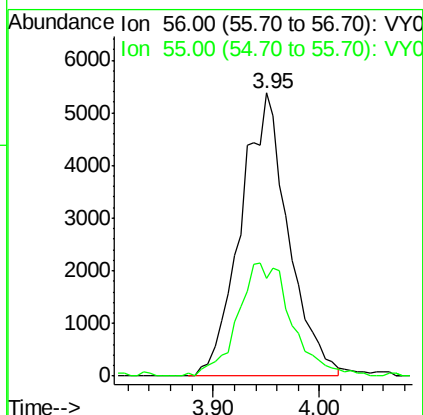
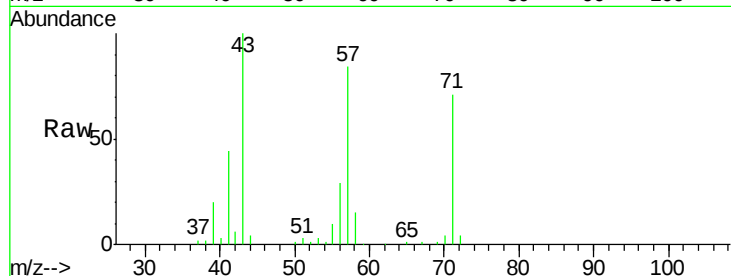
SB-04-2.5-3.0

Tgt Ion: 56 Resp: 16810

Ion Ratio Lower Upper

56 100

55 44.4 56.7 85.1#



#14

Allyl chloride

Concen: 117.376 ug/l

RT: 4.71 min Scan# 488

Delta R.T. 0.23 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

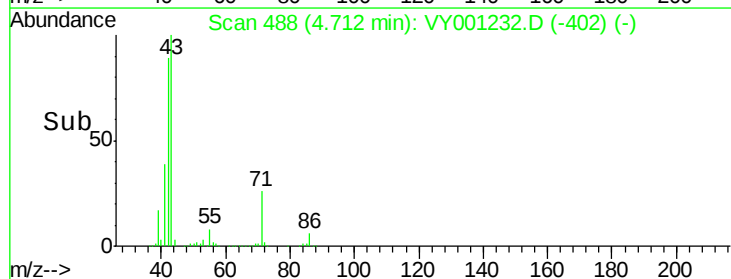
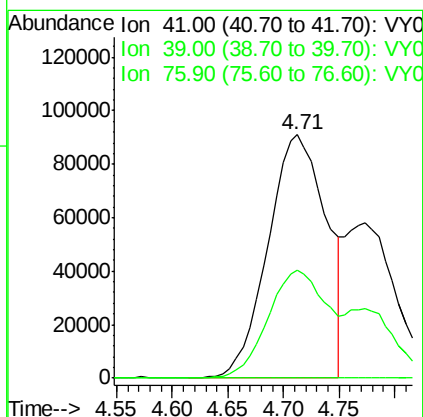
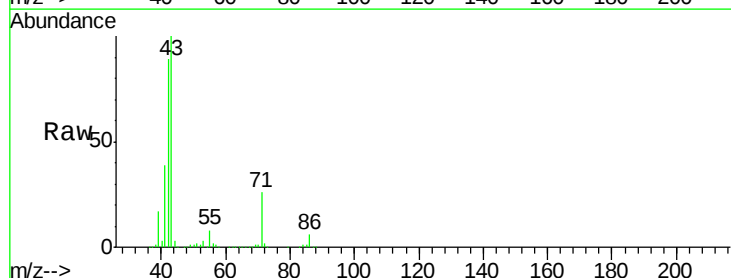
Tgt Ion: 41 Resp: 330591

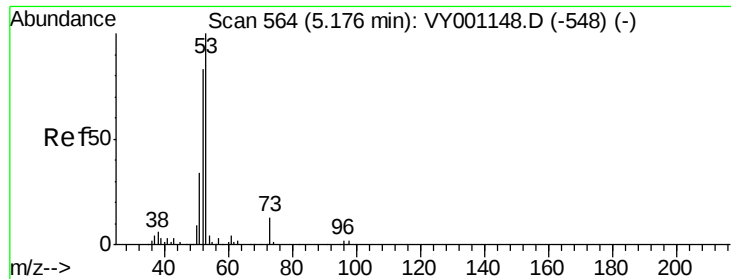
Ion Ratio Lower Upper

41 100

39 44.6 52.6 78.8#

76 0.0 30.2 45.2#





#15

Acrylonitrile

Concen: 124.542 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.08 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

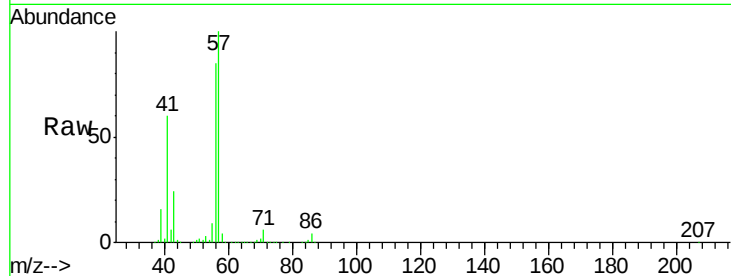
Tgt Ion: 53 Resp: 61331

Ion Ratio Lower Upper

53 100

52 18.8 65.7 98.5#

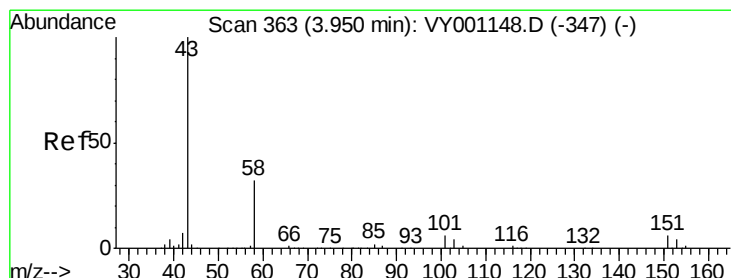
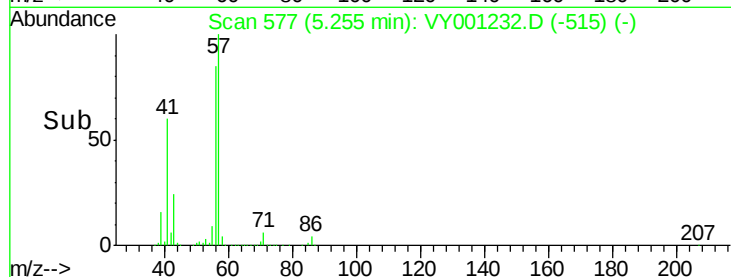
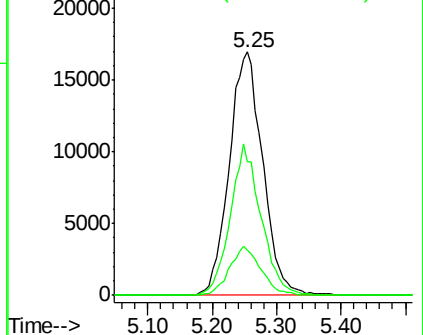
51 56.8 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 154.228 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001232.D

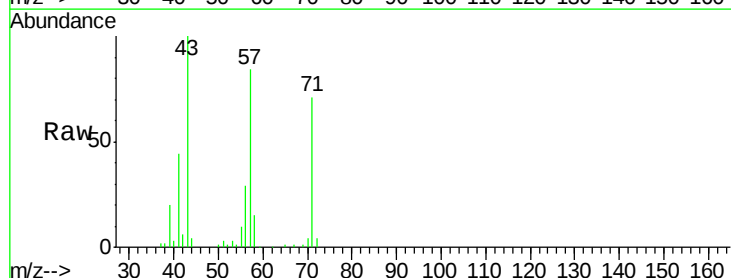
Acq: 15 Jan 2020 20:28

Tgt Ion: 43 Resp: 61754

Ion Ratio Lower Upper

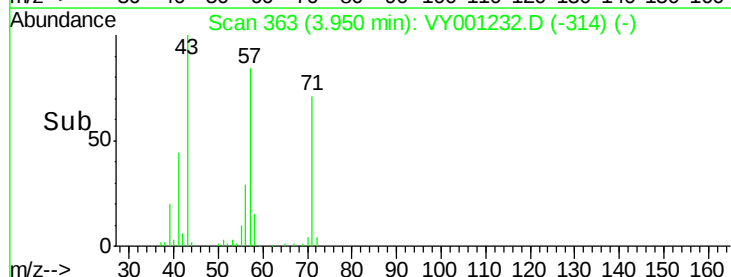
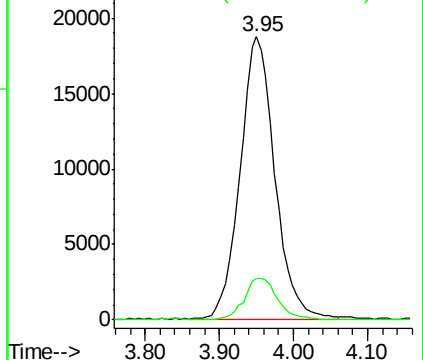
43 100

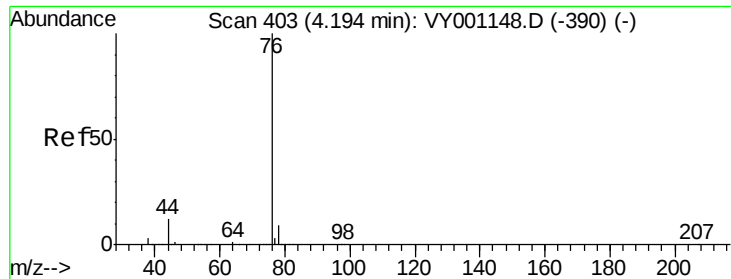
58 14.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

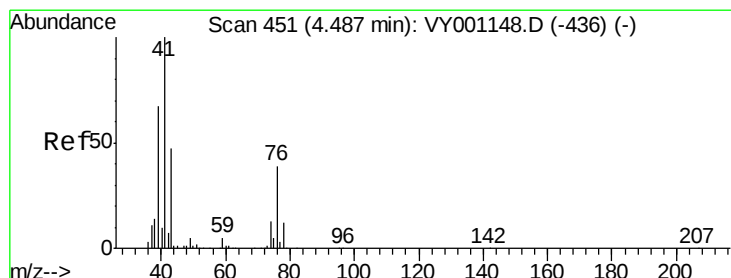
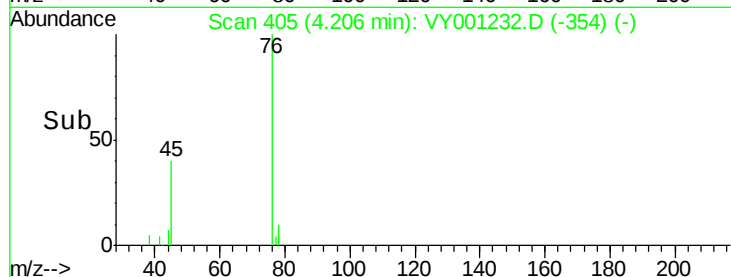
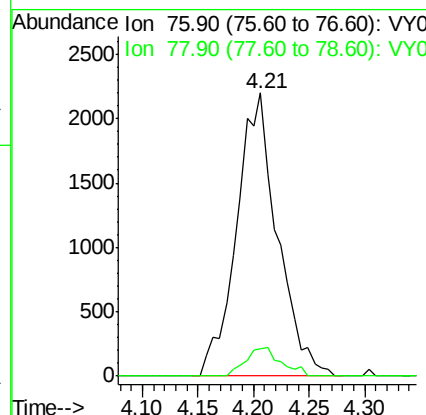
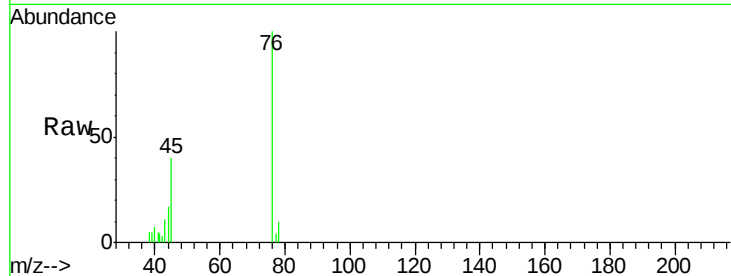




#17
Carbon Disulfide
Concen: 1.037 ug/l
RT: 4.21 min Scan# 405
Delta R.T. 0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

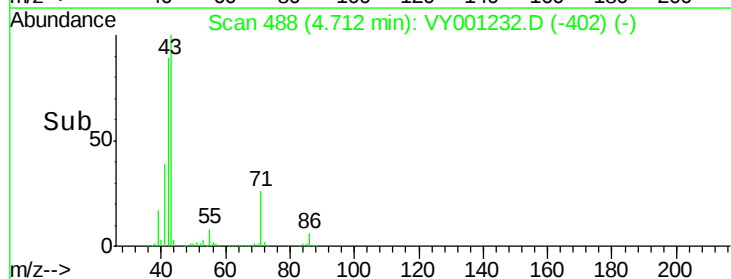
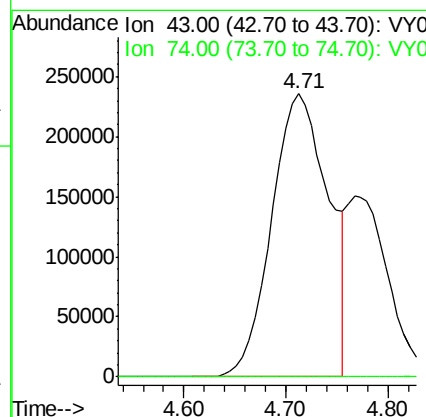
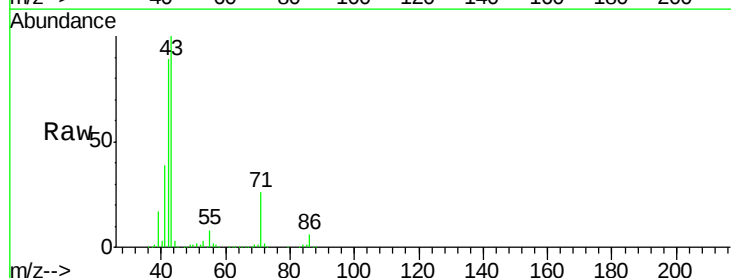
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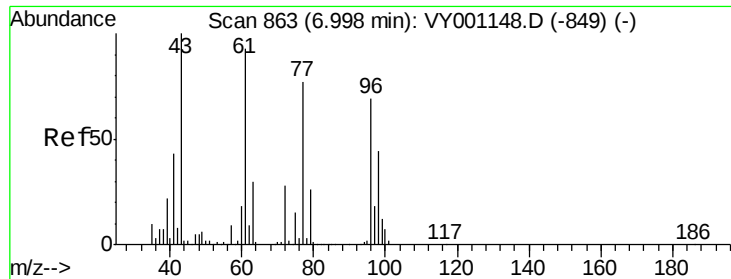
Tgt Ion: 76 Resp: 5603
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 689.762 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.23 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 43 Resp: 913140
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#25

2-Butanone

Concen: 199.034 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

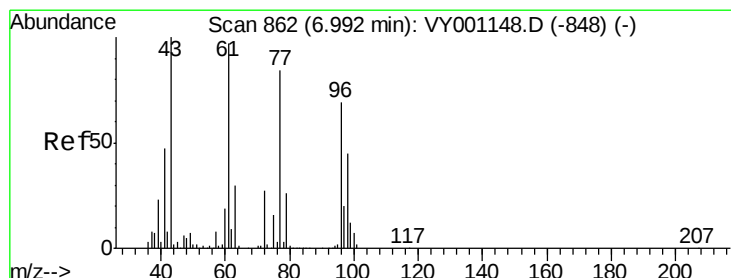
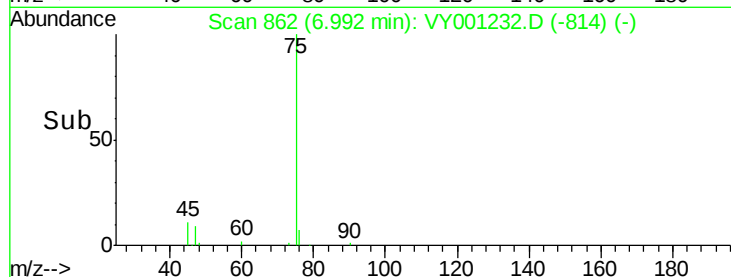
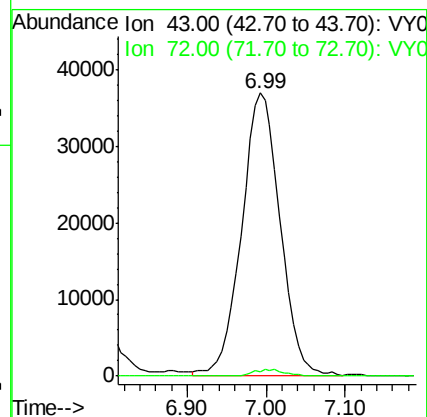
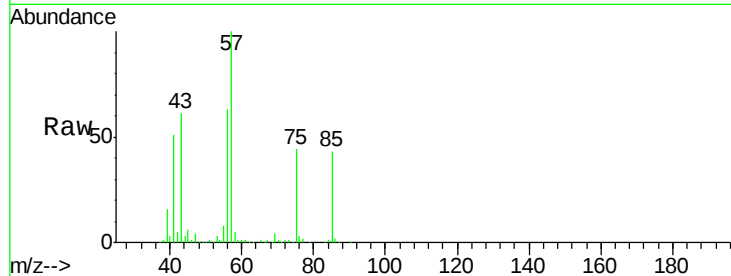
SB-04-2.5-3.0

Tgt Ion: 43 Resp: 124033

Ion Ratio Lower Upper

43 100

72 1.7 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 1.161 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001232.D

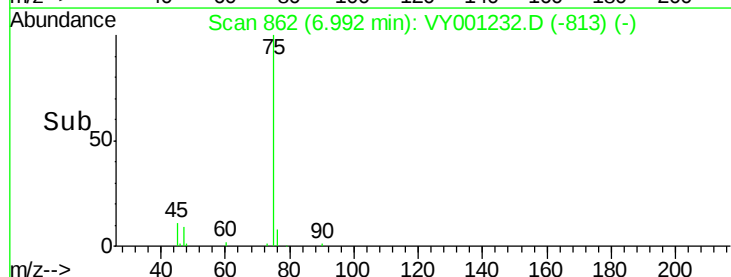
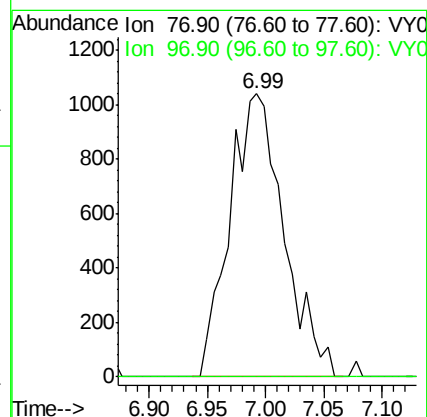
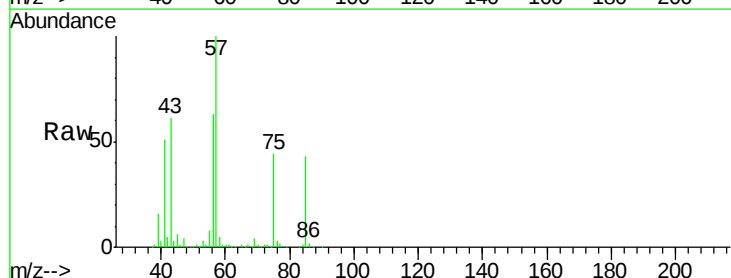
Acq: 15 Jan 2020 20:28

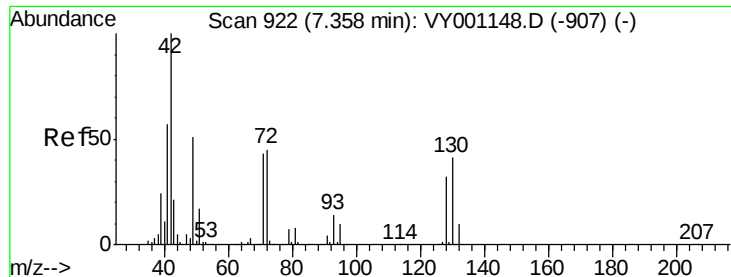
Tgt Ion: 77 Resp: 3361

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

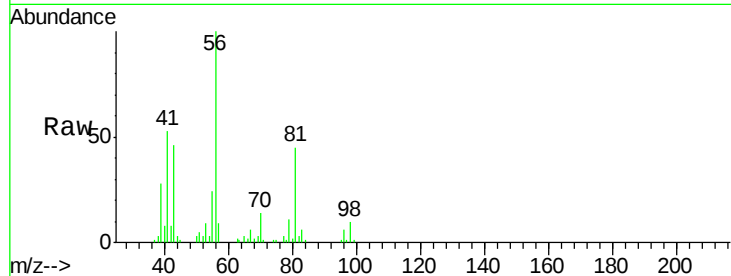




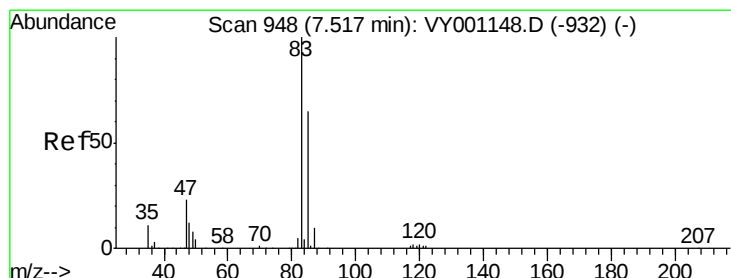
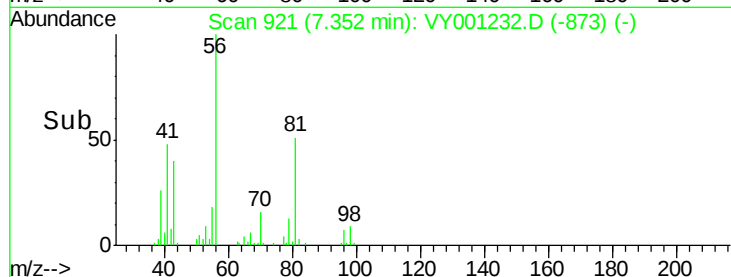
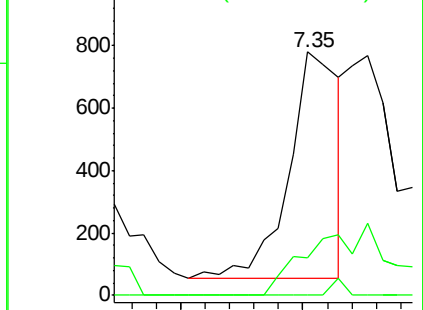
#29
Tetrahydrofuran
Concen: 2.442 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Instrument :
MSVOA_Y
ClientSampled :
SB-04-2.5-3.0

Tgt Ion: 42 Resp: 1043
Ion Ratio Lower Upper
42 100
72 0.0 36.9 55.3#
71 0.0 34.0 51.0#

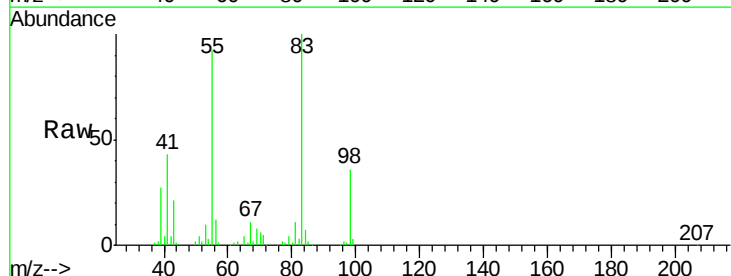


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

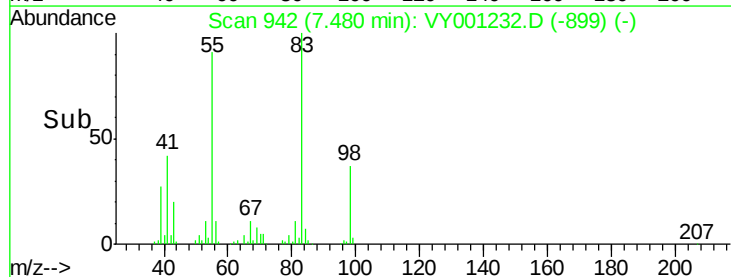
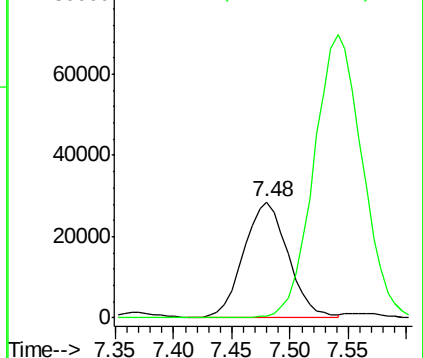


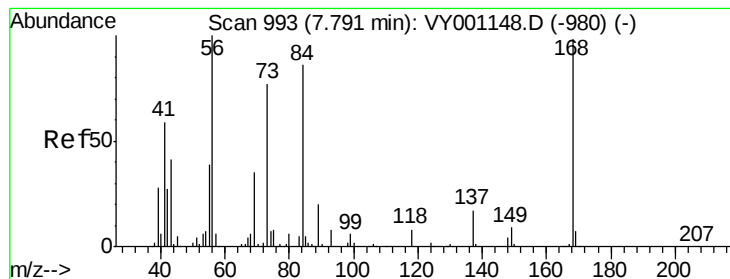
#30
Chloroform
Concen: 24.360 ug/l
RT: 7.48 min Scan# 942
Delta R.T. -0.04 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 83 Resp: 75171
Ion Ratio Lower Upper
83 100
85 1.8 51.9 77.9#



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 4020.221 ug/l

RT: 7.89 min Scan# 1010

Delta R.T. 0.10 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

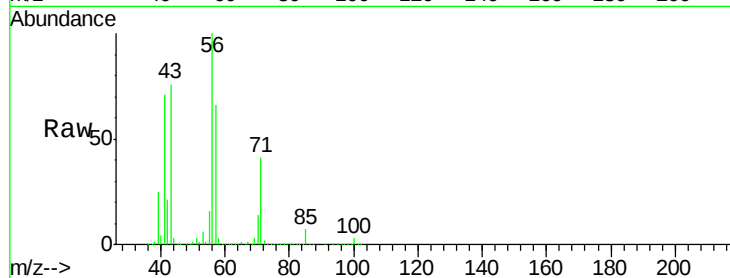
Tgt Ion: 56 Resp:13405482

Ion Ratio Lower Upper

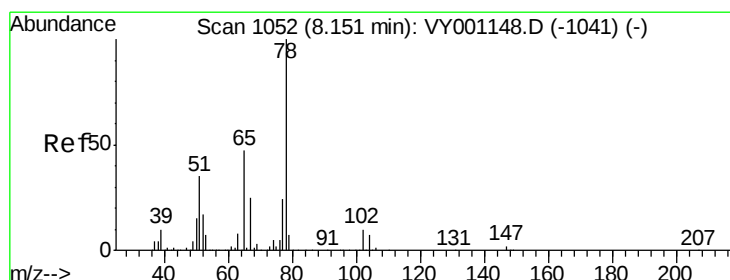
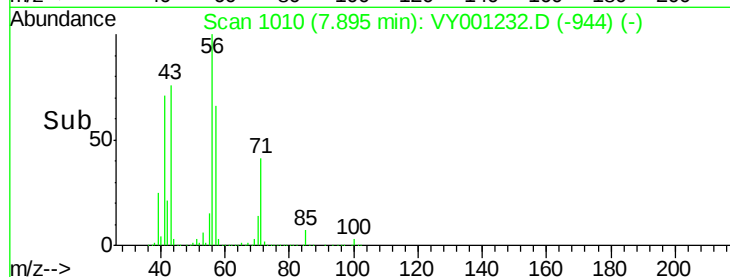
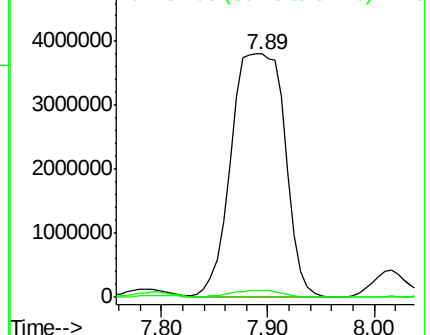
56 100

69 2.7 27.8 41.8#

84 0.2 68.9 103.3#



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: 57.615 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001232.D

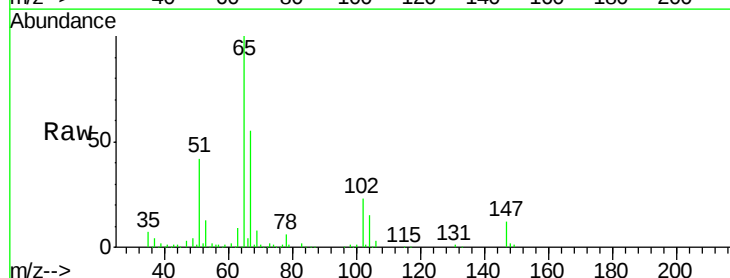
Acq: 15 Jan 2020 20:28

Tgt Ion: 65 Resp: 99334

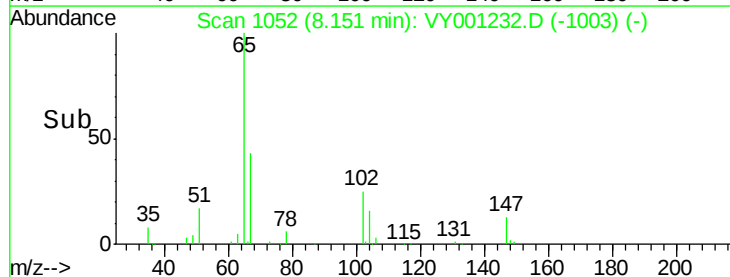
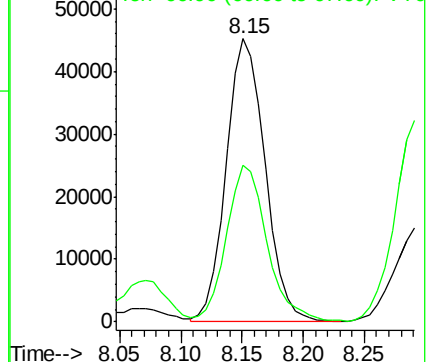
Ion Ratio Lower Upper

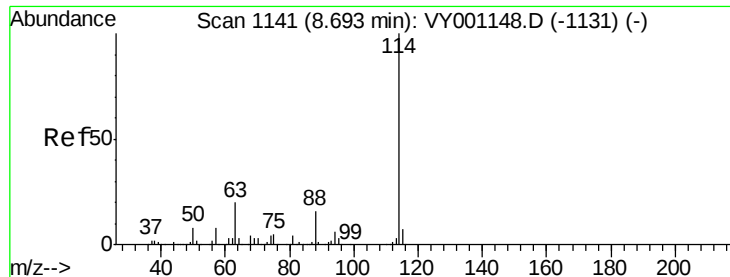
65 100

67 57.2 0.0 105.2



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

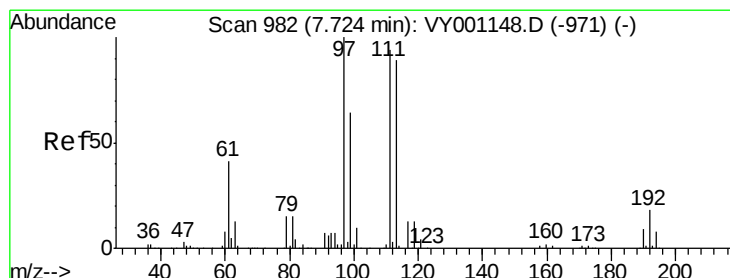
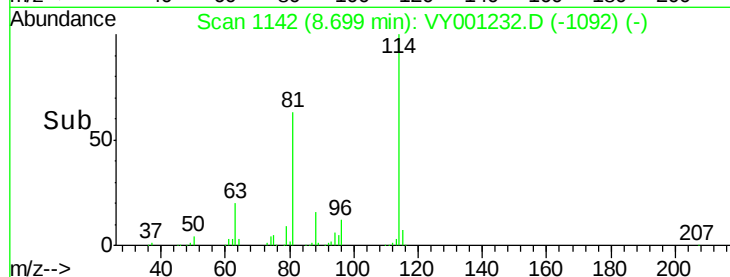
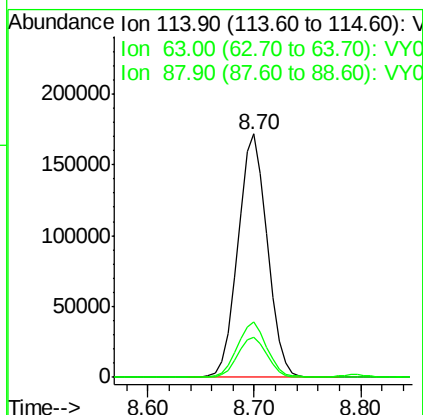
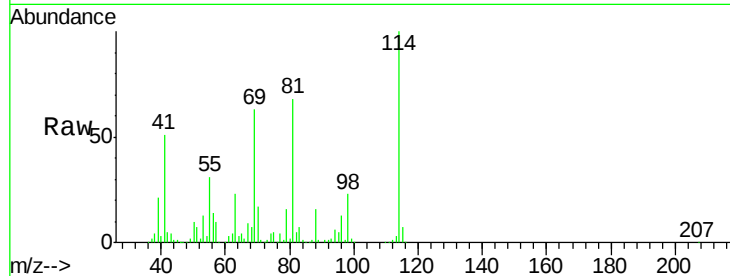




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

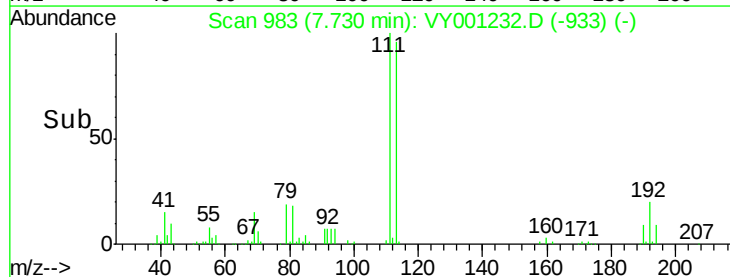
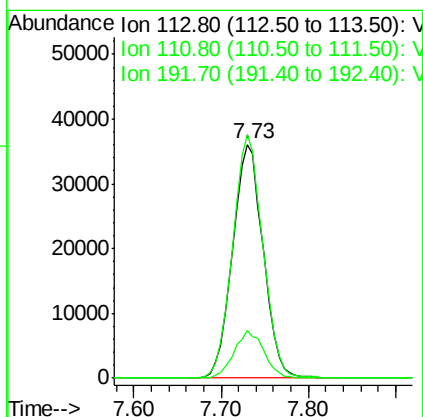
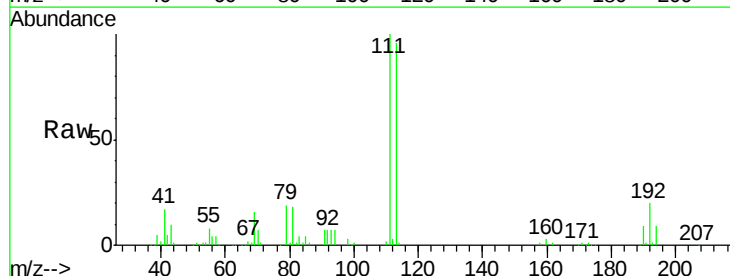
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

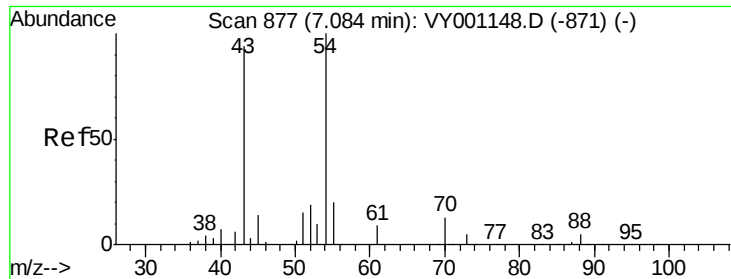
Tgt Ion:114 Resp: 332057
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 40.8
 88 16.3 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 45.044 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion:113 Resp: 87575
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 19.6 15.4 23.2

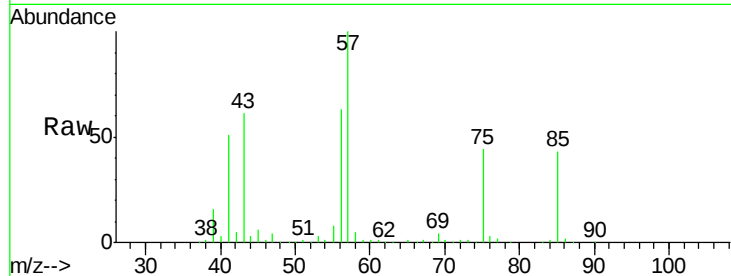




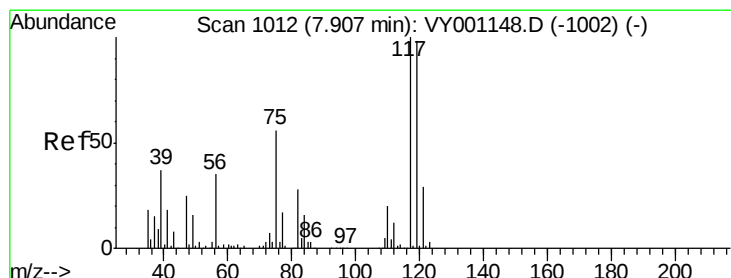
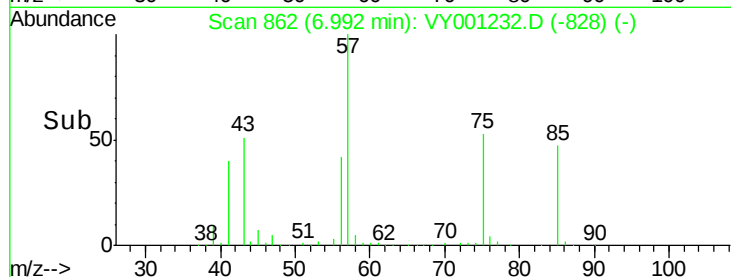
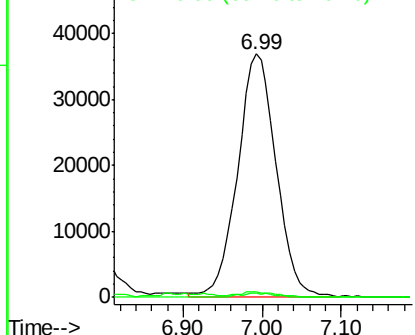
#37
Ethyl Acetate
Concen: 69.832 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.09 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.5-3.0

Tgt Ion: 43 Resp: 124033
Ion Ratio Lower Upper
43 100
61 1.5 11.1 16.7#
70 2.2 9.7 14.5#

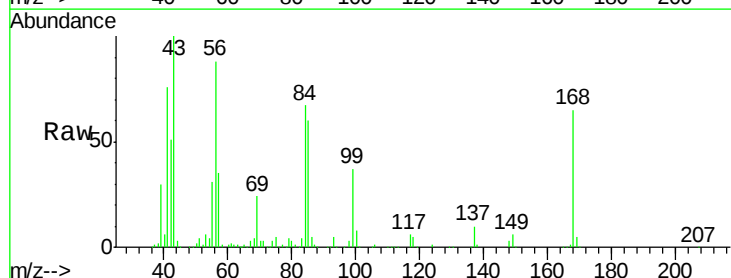


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

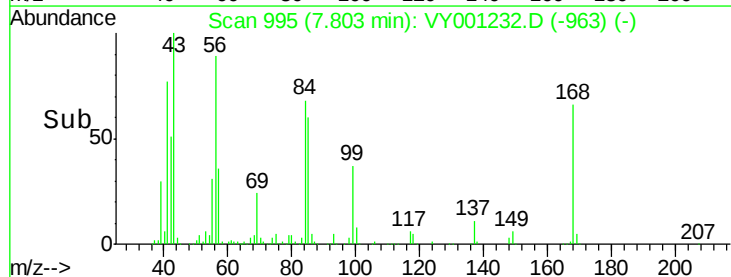
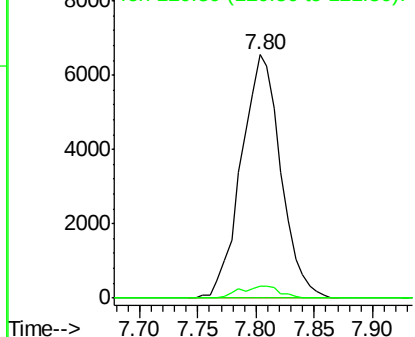


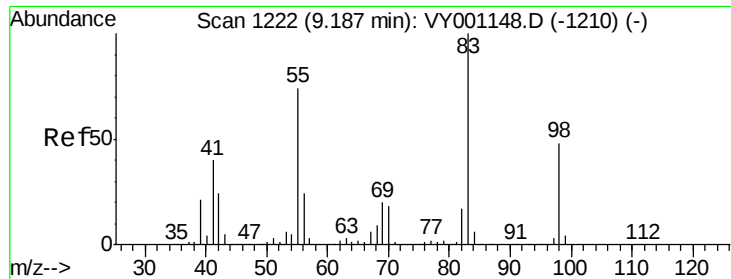
#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 117 Resp: 15459
Ion Ratio Lower Upper
117 100
119 4.8 78.3 117.5#
121 0.0 23.5 35.3#



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

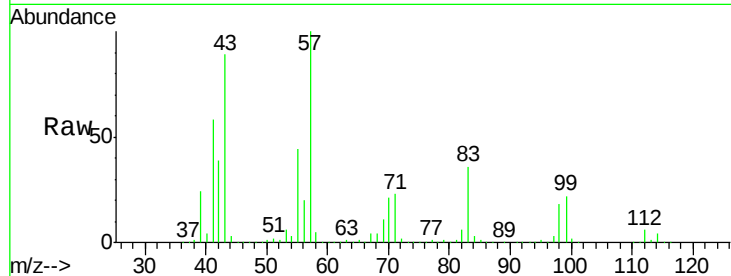




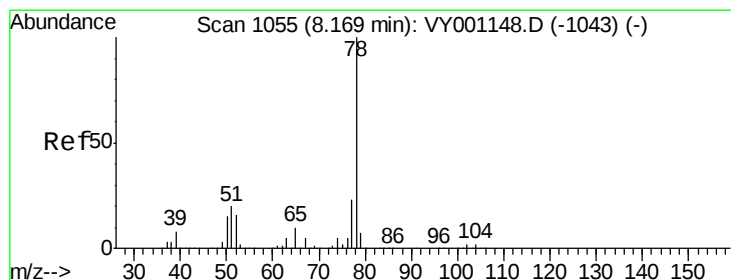
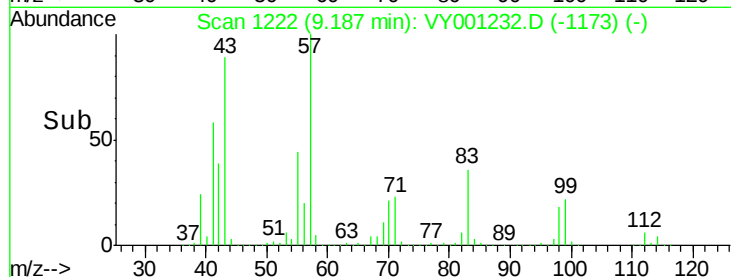
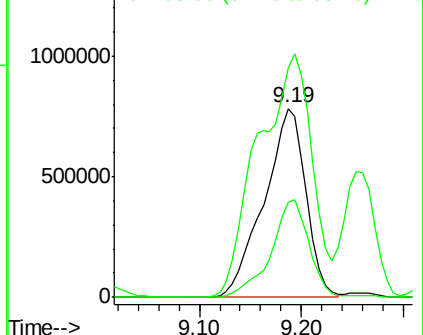
#39
Methylcyclohexane
Concen: 539.012 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Instrument :
MSVOA_Y
ClientSampled :
SB-04-2.5-3.0

Tgt Ion: 83 Resp: 2211616
Ion Ratio Lower Upper
83 100
55 121.8 58.9 88.3#
98 50.4 38.4 57.6

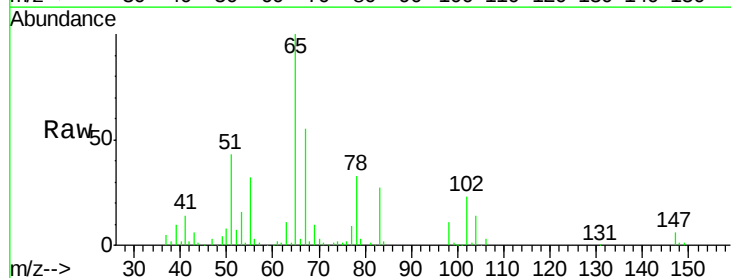


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

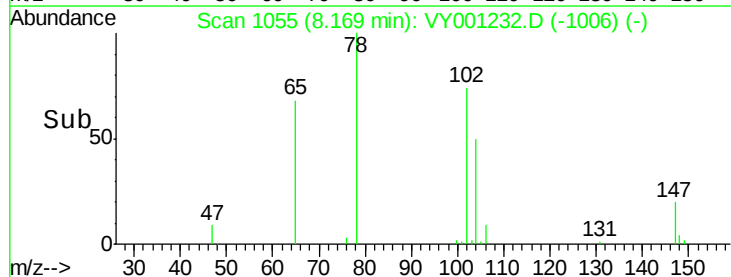
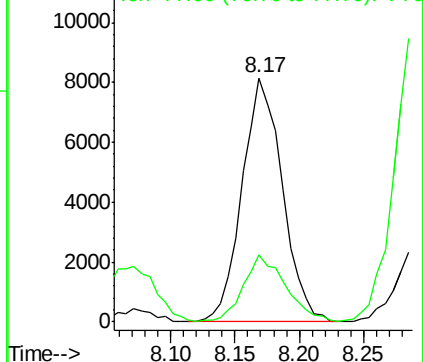


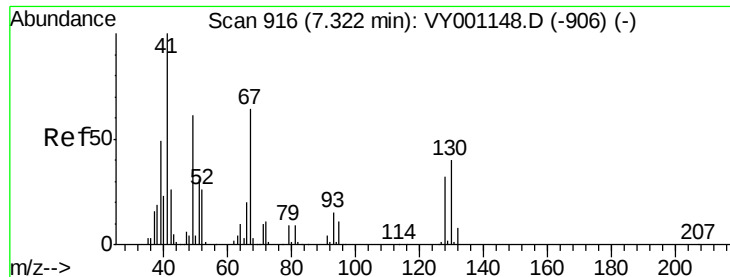
#40
Benzene
Concen: 1.996 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 78 Resp: 17635
Ion Ratio Lower Upper
78 100
77 27.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 23.224 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.04 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampled :

SB-04-2.5-3.0

Tgt Ion: 41 Resp: 19377

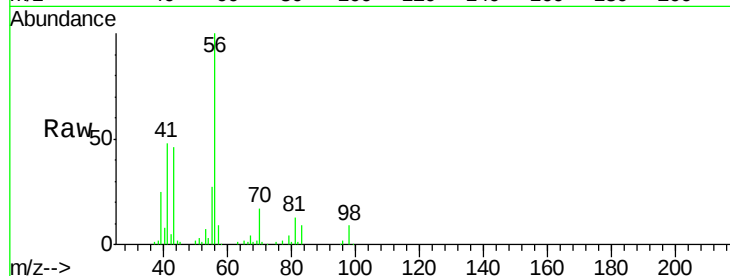
Ion Ratio Lower Upper

41 100

39 55.6 103.5 155.3#

67 9.7 0.0 0.0#

52 3.6 0.0 0.0#

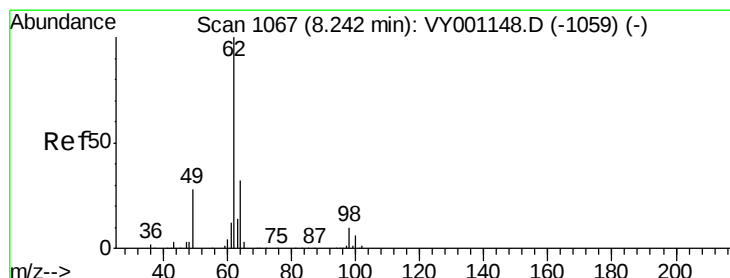
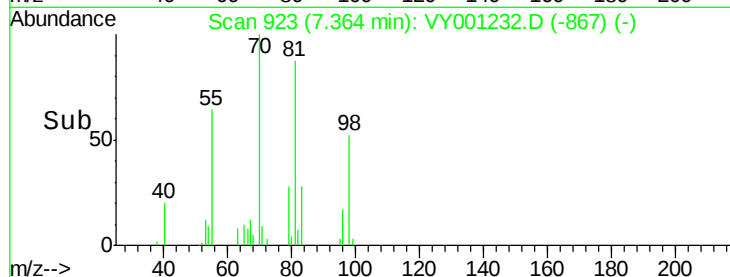
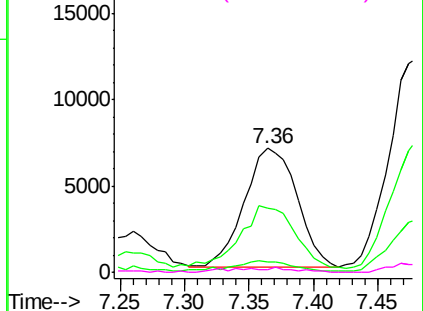


Abundance Ion 41.00 (40.70 to 41.70): VY0

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



#42

1,2-Dichloroethane

Concen: 3.252 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.04 min

Lab File: VY001232.D

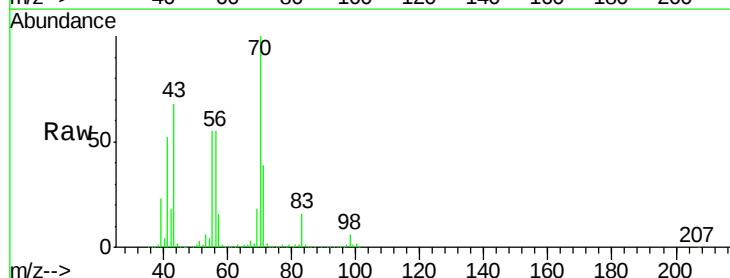
Acq: 15 Jan 2020 20:28

Tgt Ion: 62 Resp: 8045

Ion Ratio Lower Upper

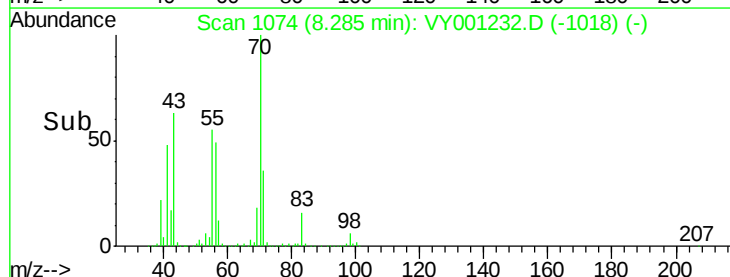
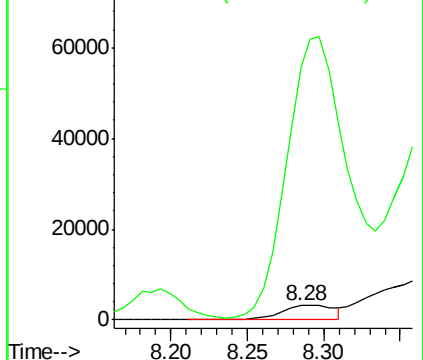
62 100

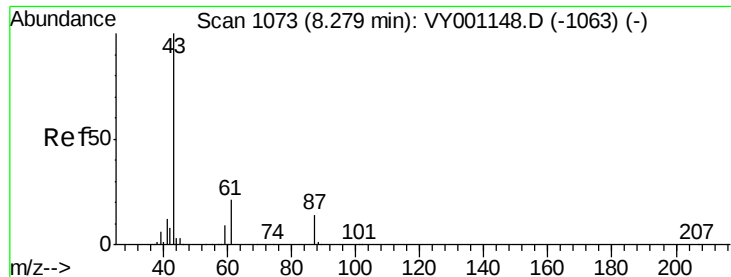
98 2131.7 0.0 20.4#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



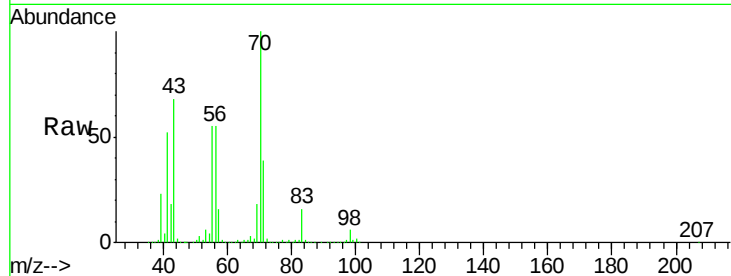


#43

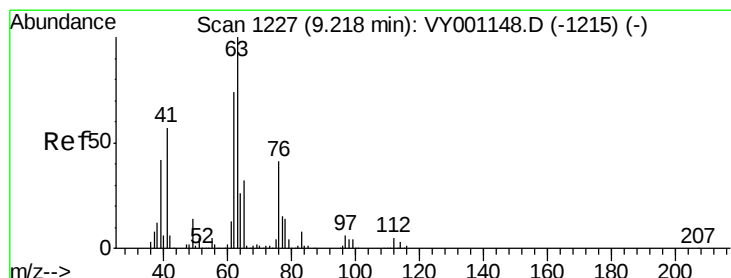
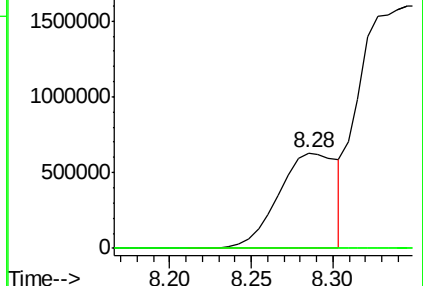
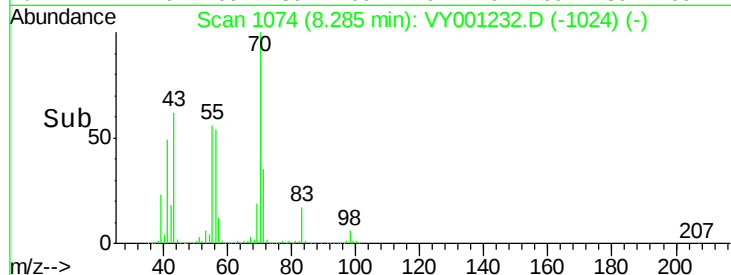
Isopropyl Acetate
 Concen: 463.424 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-04-2.5-3.0

Tgt Ion: 43 Resp: 1573976
 Ion Ratio Lower Upper
 43 100
 61 0.2 23.9 35.9#
 87 0.0 11.4 17.2#



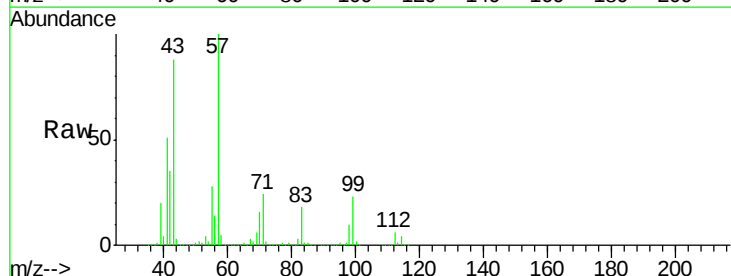
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



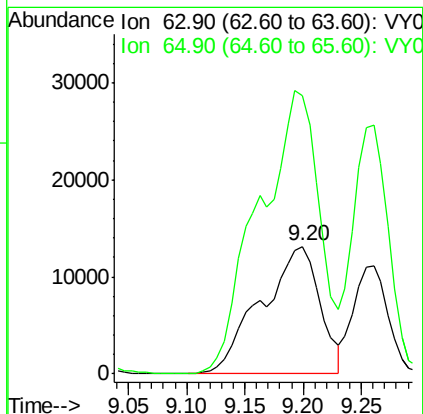
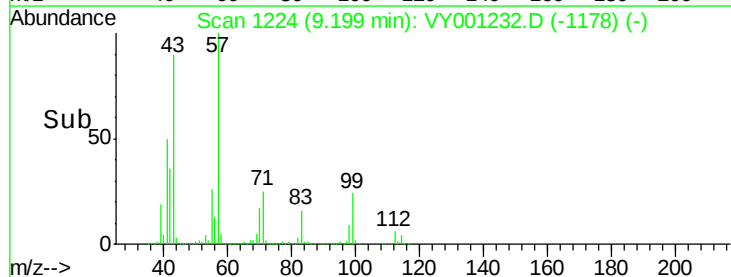
#45

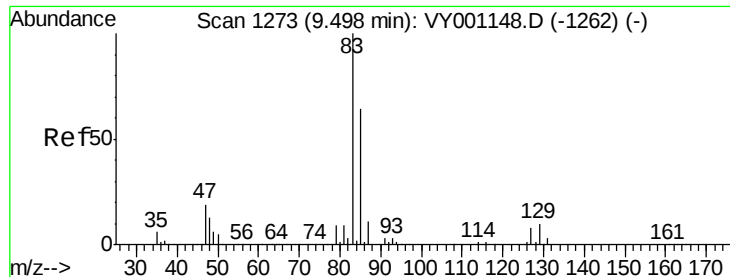
1,2-Dichloropropane
 Concen: 20.962 ug/l
 RT: 9.20 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion: 63 Resp: 45782
 Ion Ratio Lower Upper
 63 100
 65 218.1 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 64.90 (64.60 to 65.60): VY0





#47

Bromodichloromethane

Concen: 141.403 ug/l

RT: 9.49 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

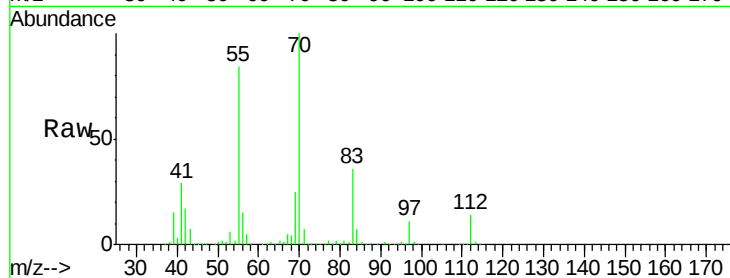
Tgt Ion: 83 Resp: 410663

Ion Ratio Lower Upper

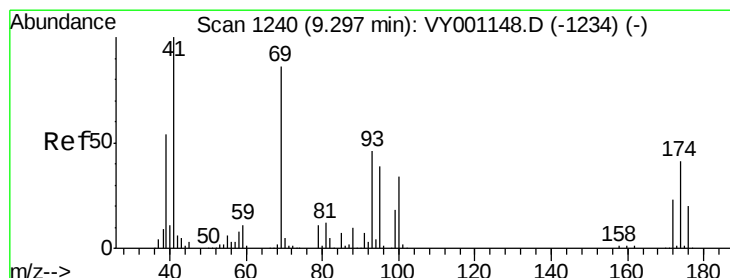
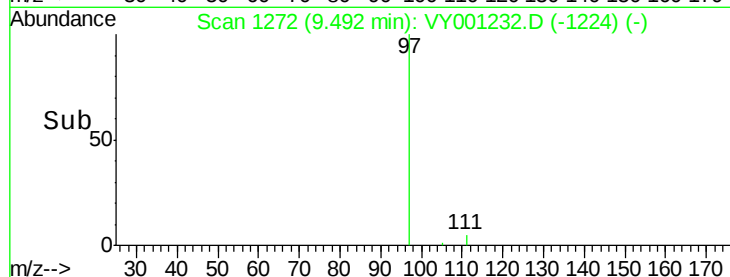
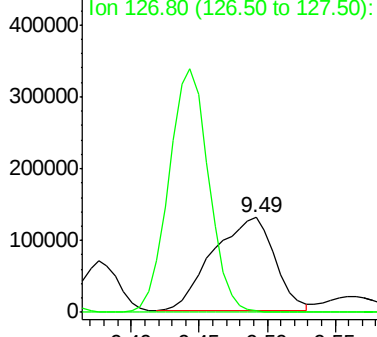
83 100

85 1.6 51.5 77.3#

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: 805.996 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.04 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

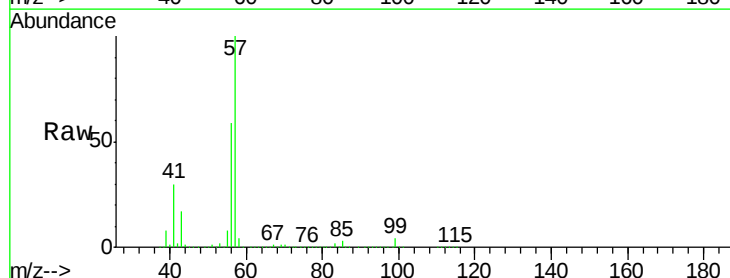
Tgt Ion: 41 Resp: 1266791

Ion Ratio Lower Upper

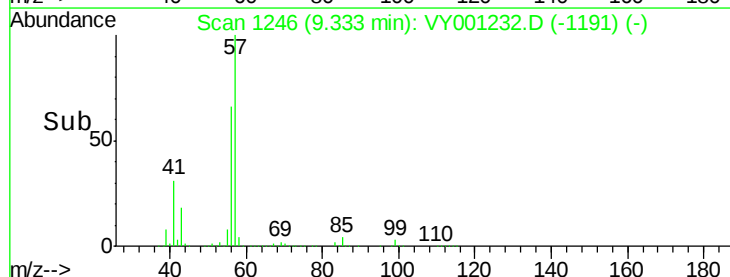
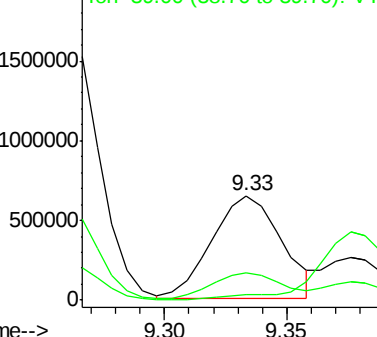
41 100

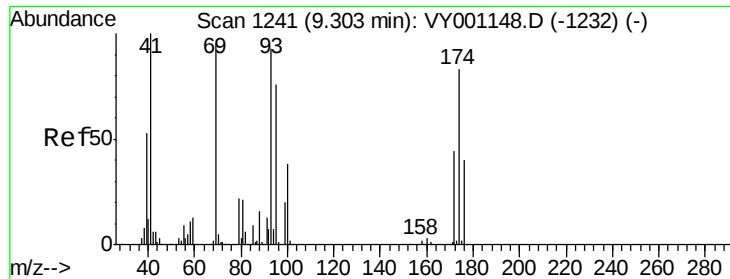
69 0.0 69.8 104.8#

39 26.4 45.2 67.8#



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





#49

1,4-Dioxane

Concen: 7.580 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. -0.05 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

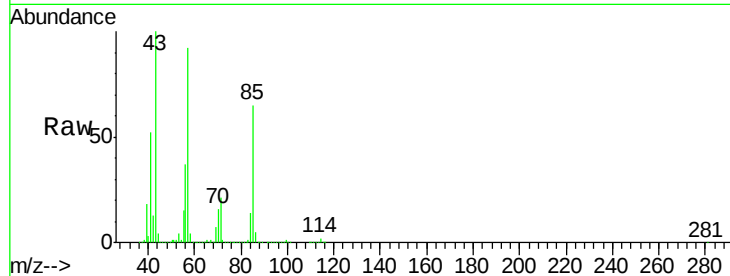
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 6550207.3 22.4 33.6#

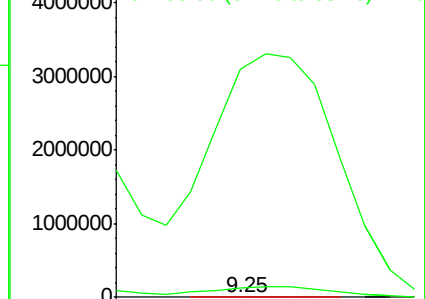
58 276894.5 58.0 87.0#



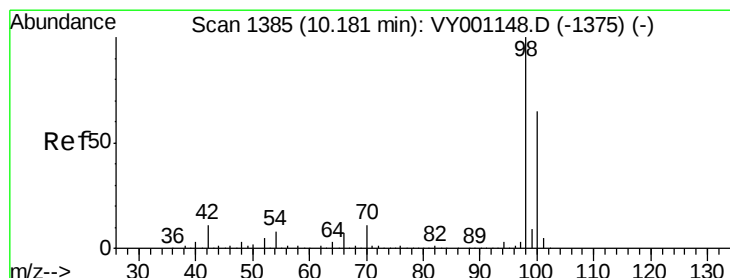
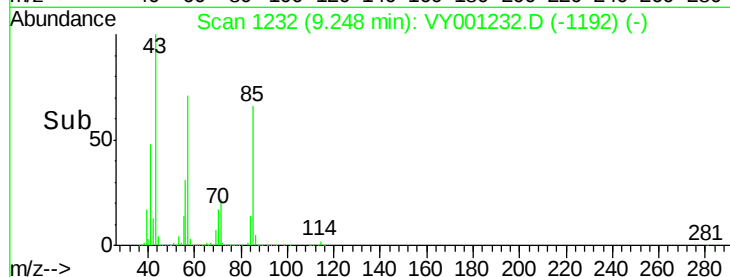
Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#50

Toluene-d8

Concen: 83.959 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001232.D

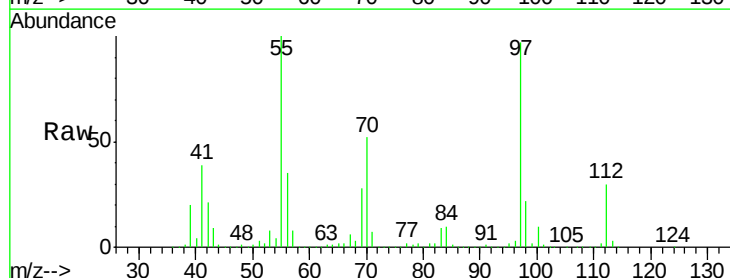
Acq: 15 Jan 2020 20:28

Tgt Ion: 98 Resp: 628960

Ion Ratio Lower Upper

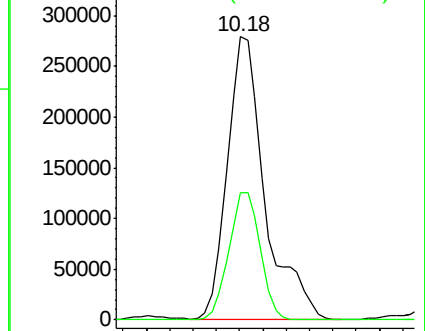
98 100

100 37.5 53.1 79.7#

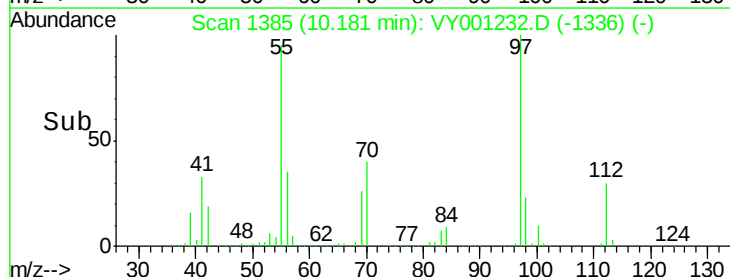


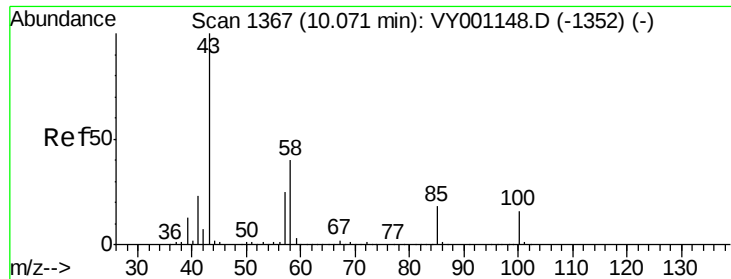
Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->

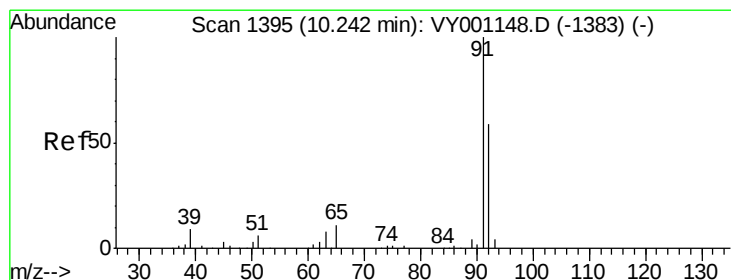
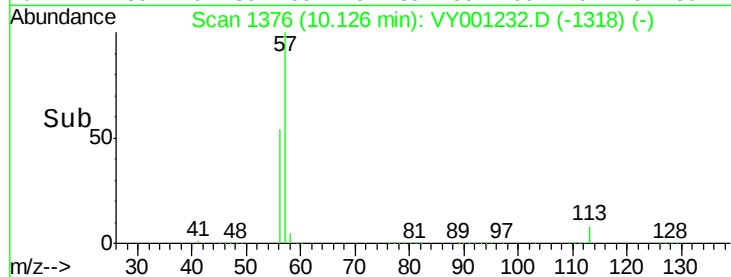
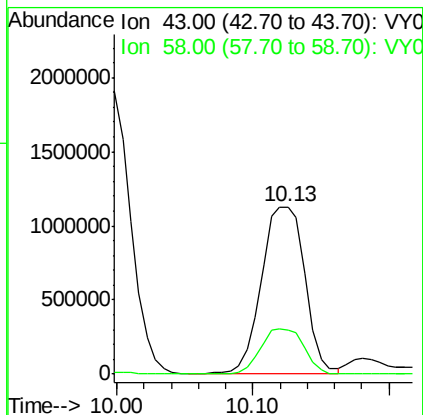
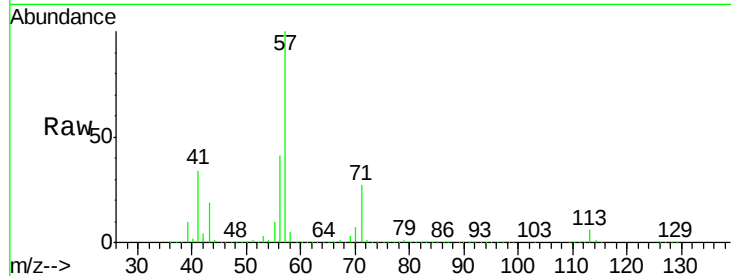




#51
 4-Methyl-2-Pentanone
 Concen: 1455.106 ug/l
 RT: 10.13 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

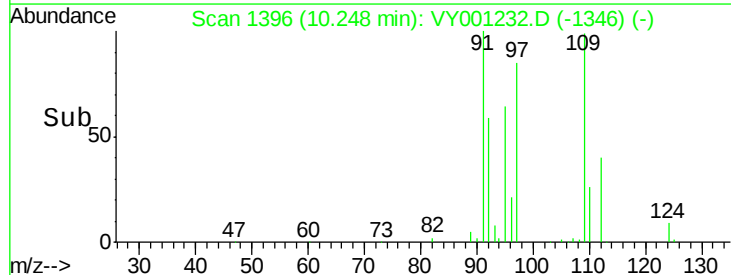
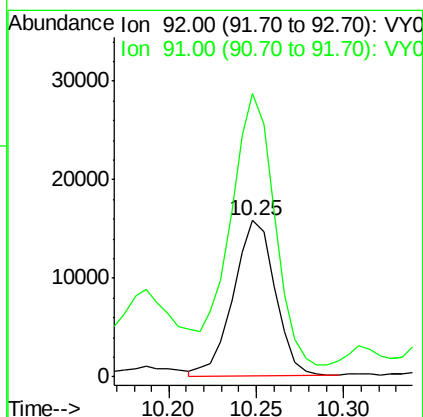
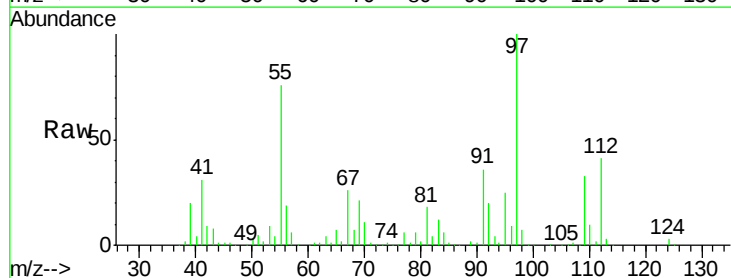
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

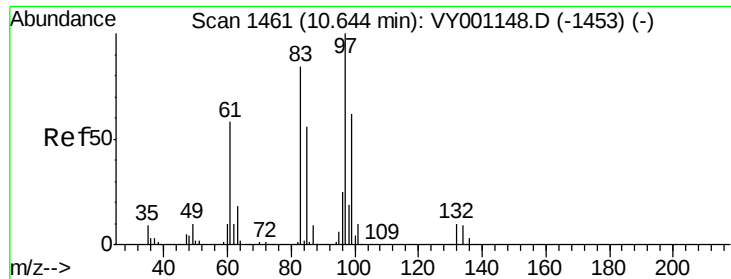
Tgt Ion: 43 Resp: 2507687
 Ion Ratio Lower Upper
 43 100
 58 27.1 32.3 48.5#



#52
 Toluene
 Concen: 4.643 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion: 92 Resp: 26162
 Ion Ratio Lower Upper
 92 100
 91 189.3 136.6 204.8

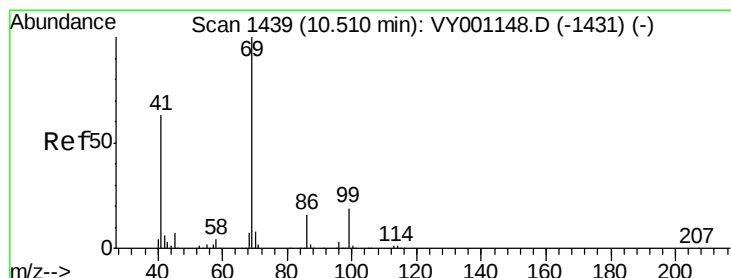
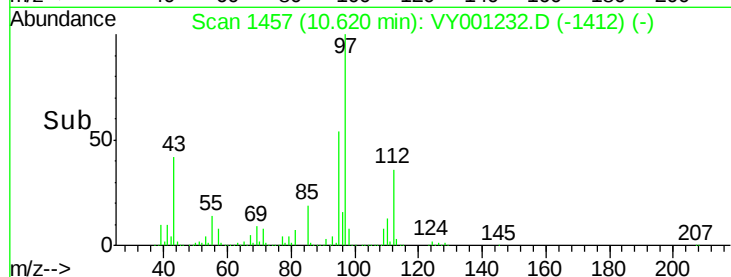
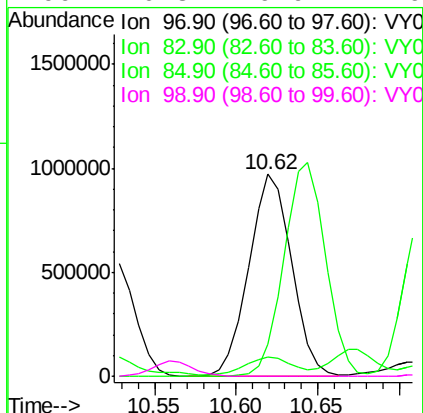
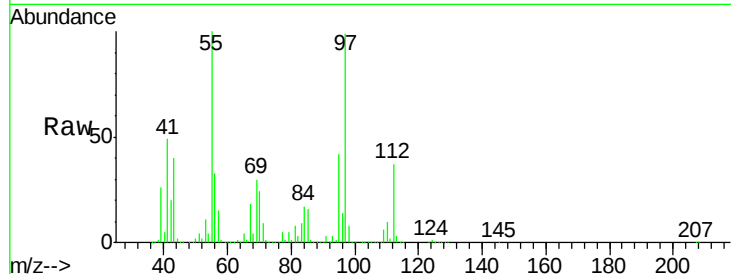




#55
 1,1,2-Trichloroethane
 Concen: 997.247 ug/l
 RT: 10.62 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

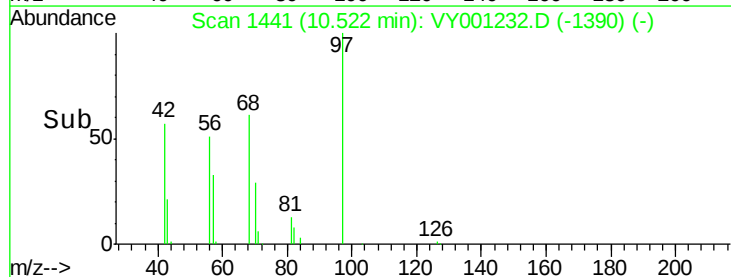
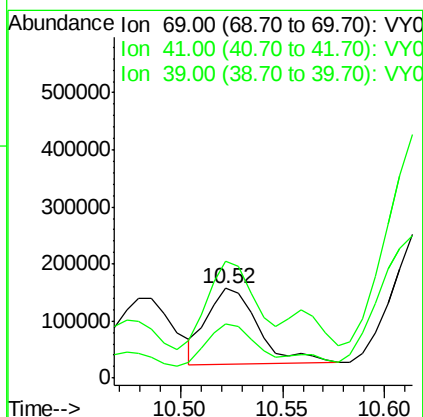
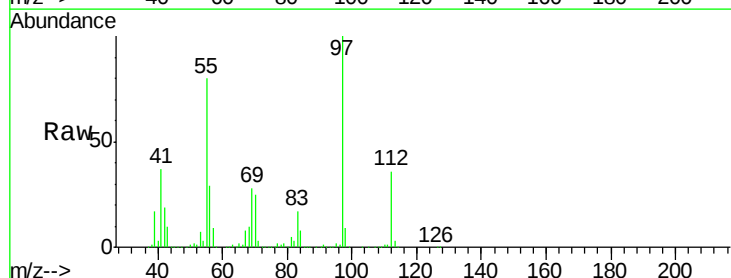
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

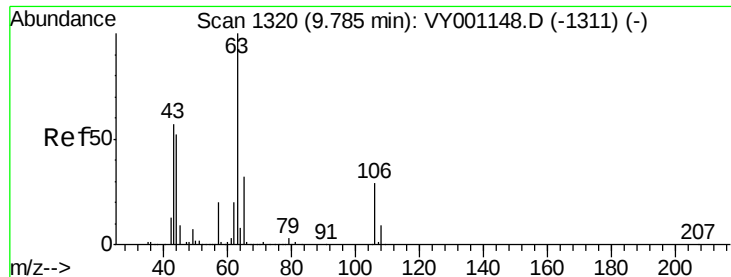
Tgt Ion: 97 Resp: 1761788
 Ion Ratio Lower Upper
 97 100
 83 8.1 67.2 100.8#
 85 15.7 44.9 67.3#
 99 0.3 49.9 74.9#



#56
 Ethyl methacrylate
 Concen: 85.921 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion: 69 Resp: 232192
 Ion Ratio Lower Upper
 69 100
 41 110.6 51.4 77.2#
 39 57.9 26.3 39.5#

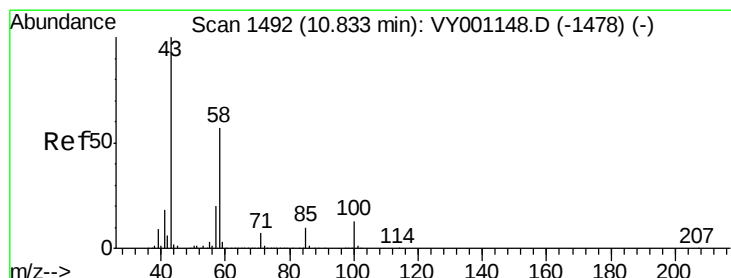
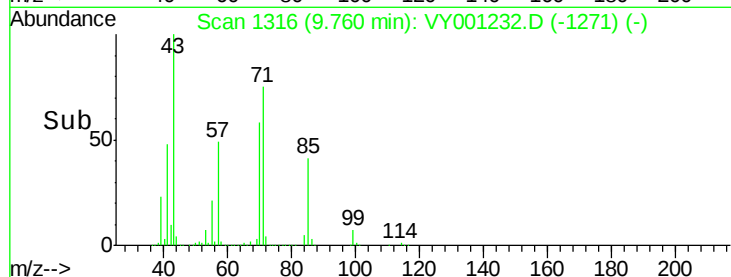
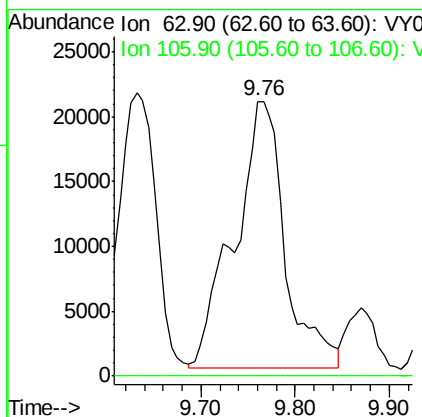
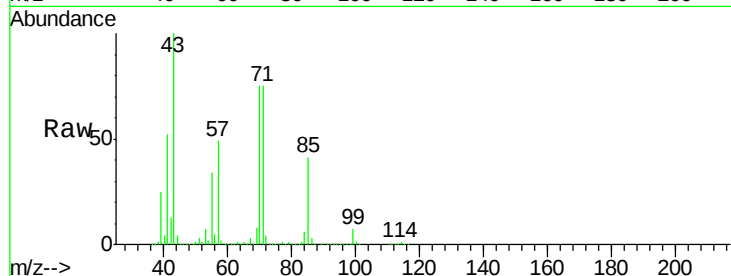




#58
 2-Chloroethyl Vinyl ether
 Concen: 81.461 ug/l
 RT: 9.76 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

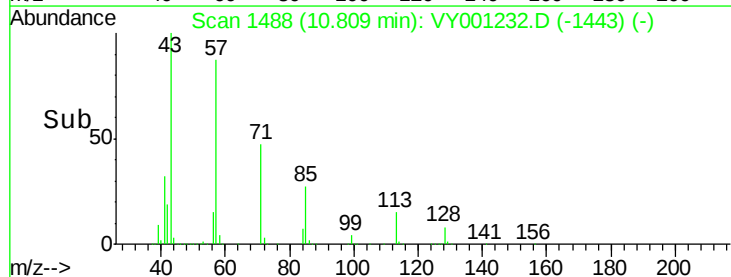
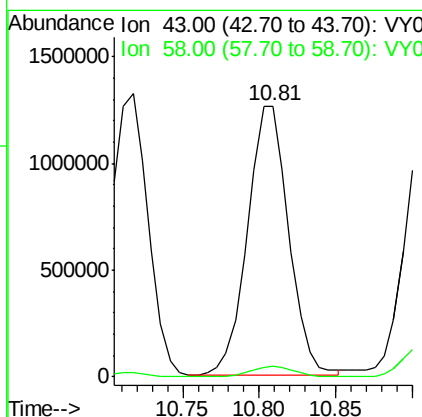
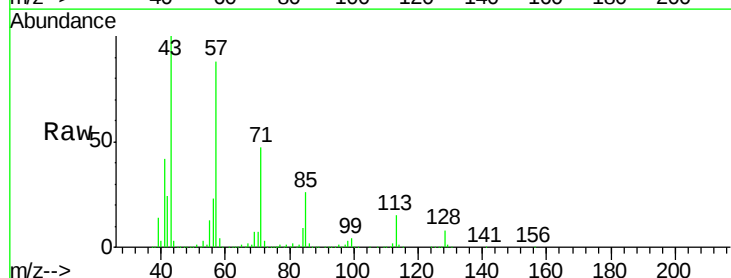
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

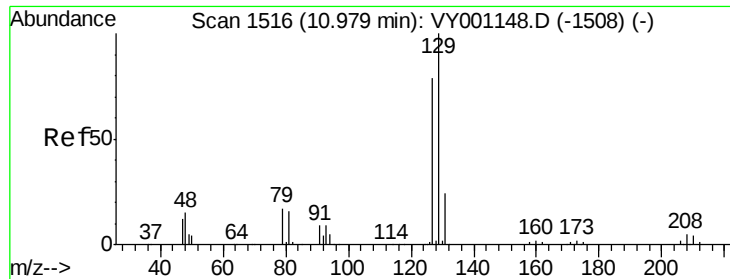
Tgt Ion: 63 Resp: 77425
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.0 34.6#



#59
 2-Hexanone
 Concen: 1958.255 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion: 43 Resp: 2365168
 Ion Ratio Lower Upper
 43 100
 58 4.2 28.4 85.2#

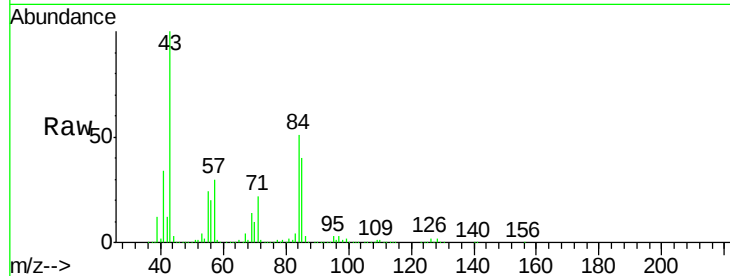




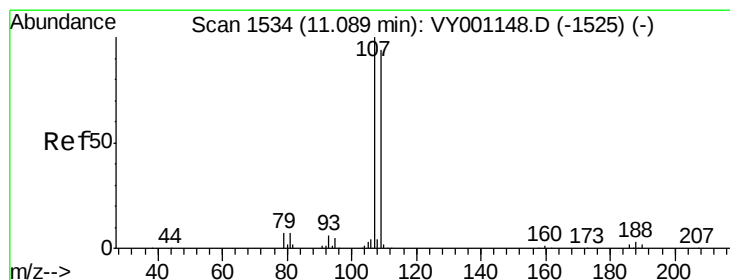
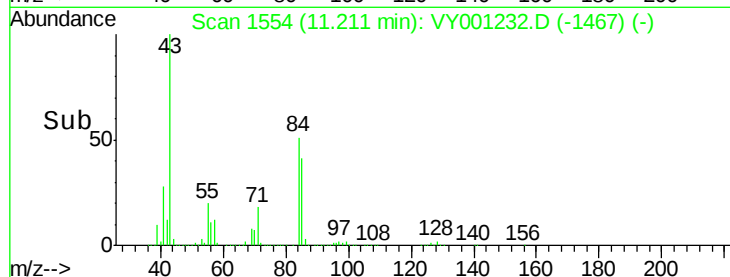
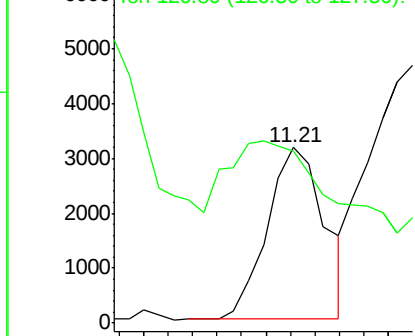
#60
Dibromochloromethane
Concen: 2.526 ug/l
RT: 11.21 min Scan# 1554
Delta R.T. 0.23 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Instrument :
MSVOA_Y
ClientSampled :
SB-04-2.5-3.0

Tgt Ion:129 Resp: 5138
Ion Ratio Lower Upper
129 100
127 103.8 38.9 116.7

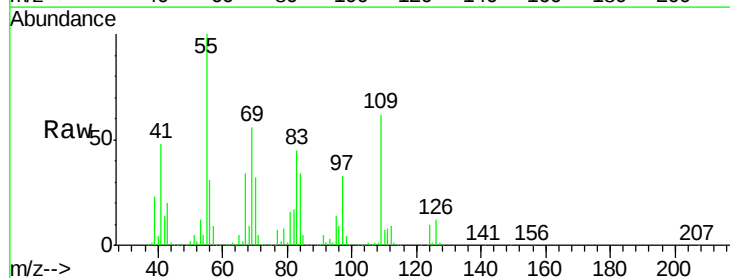


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

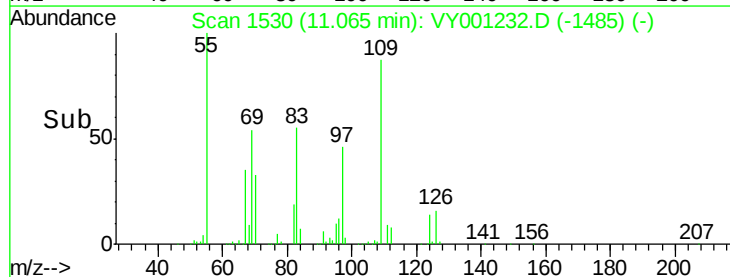
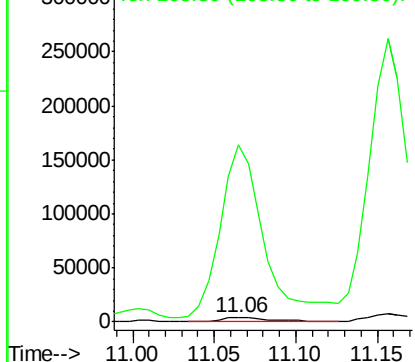


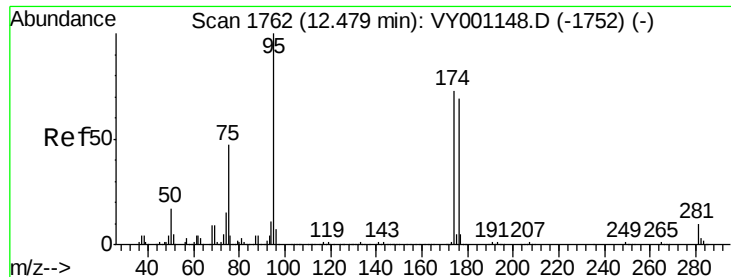
#61
1,2-Dibromoethane
Concen: 4.385 ug/l
RT: 11.06 min Scan# 1530
Delta R.T. -0.02 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion:107 Resp: 7564
Ion Ratio Lower Upper
107 100
109 3957.1 75.4 113.0#



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

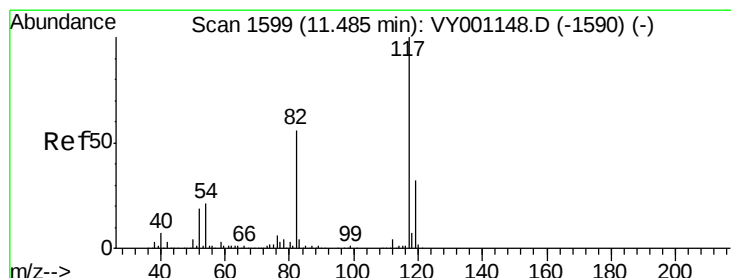
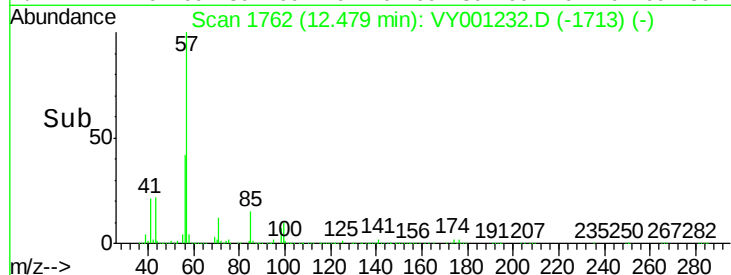
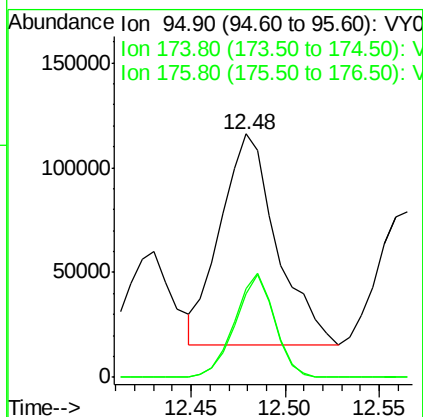
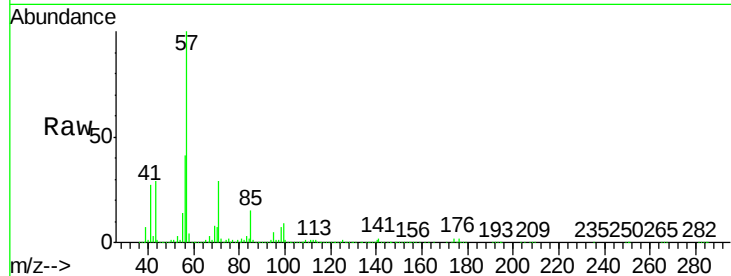




#62
4-Bromofluorobenzene
Concen: 68.651 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

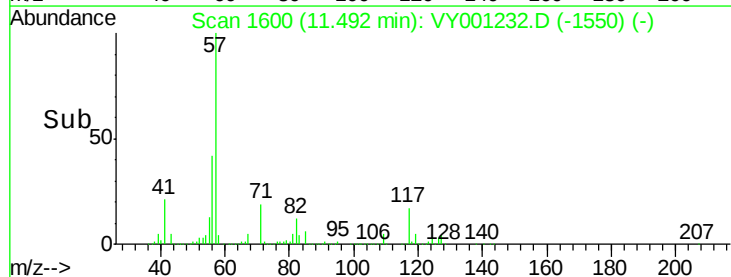
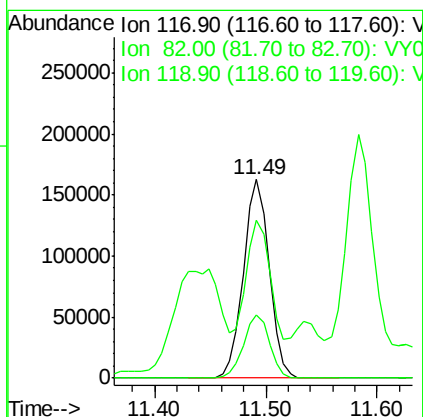
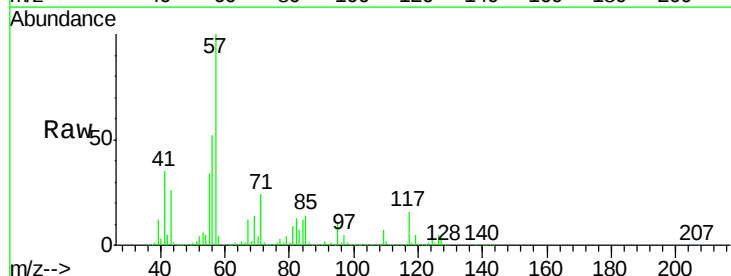
Instrument :
MSVOA_Y
ClientSampled :
SB-04-2.5-3.0

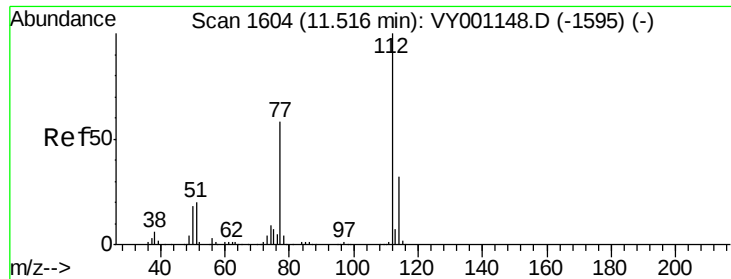
Tgt Ion	Ratio	Lower	Upper
95	100		
174	34.9	0.0	143.2
176	33.6	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	45.0	44.9	67.3
119	31.8	25.7	38.5

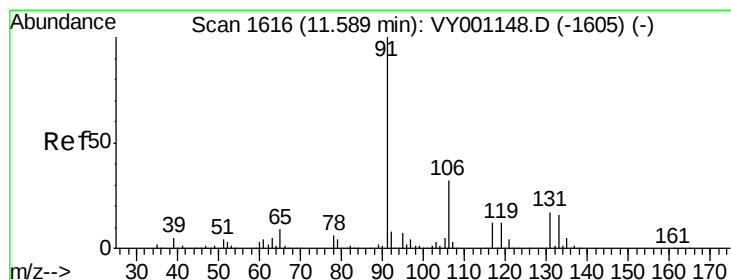
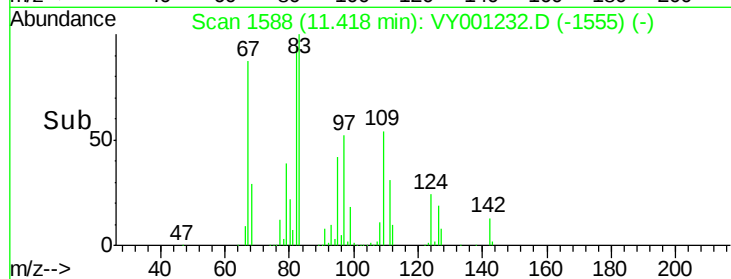
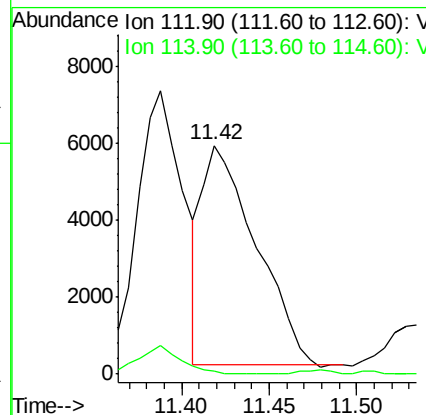
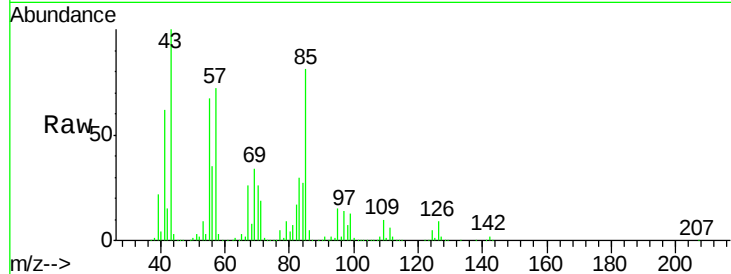




#65
Chlorobenzene
Concen: 2.343 ug/l
RT: 11.42 min Scan# 1588
Delta R.T. -0.10 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

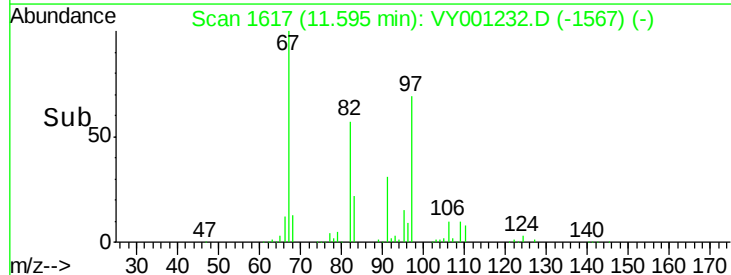
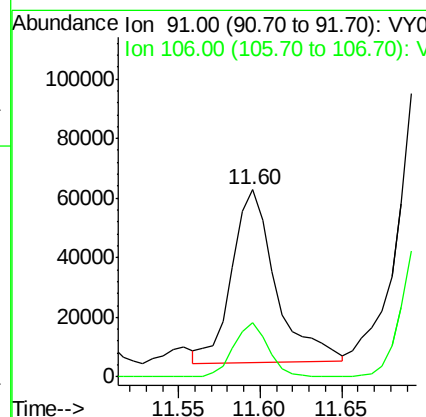
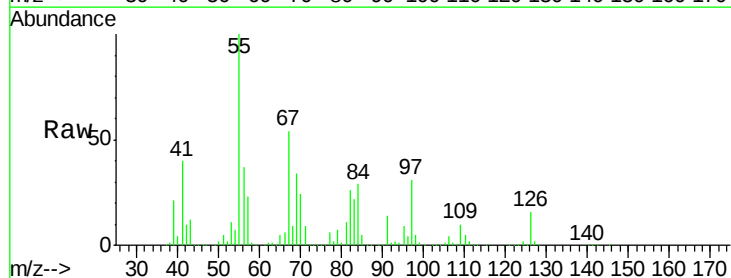
Instrument :
MSVOA_Y
ClientSampled :
SB-04-2.5-3.0

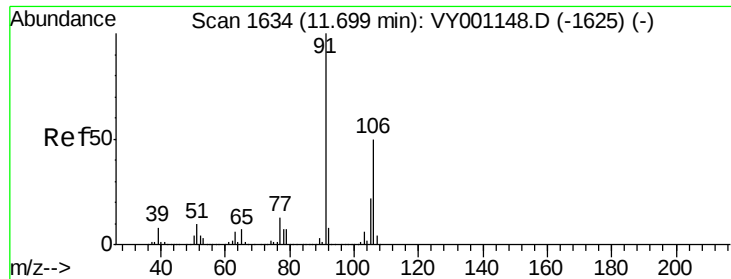
Tgt Ion: 112 Resp: 12243
Ion Ratio Lower Upper
112 100
114 1.5 25.9 38.9#



#67
Ethyl Benzene
Concen: 11.286 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 91 Resp: 107895
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

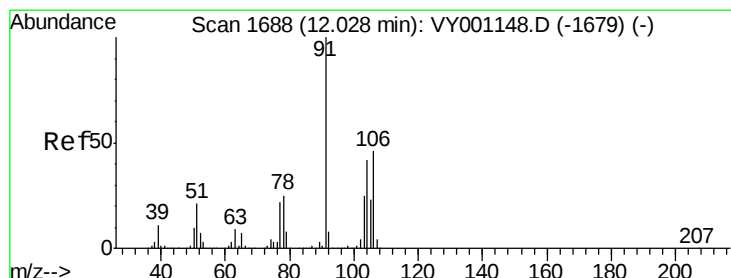
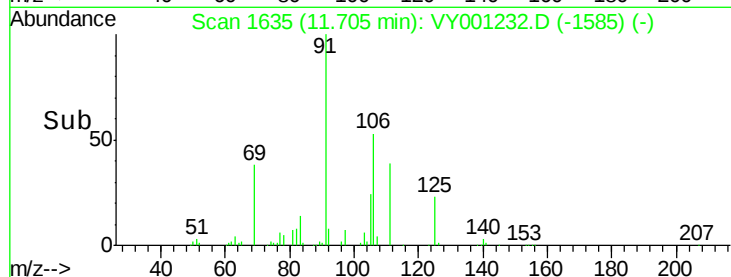
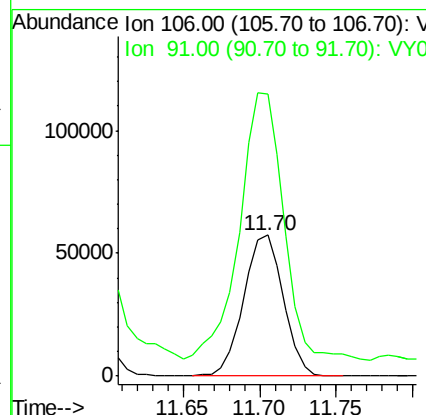
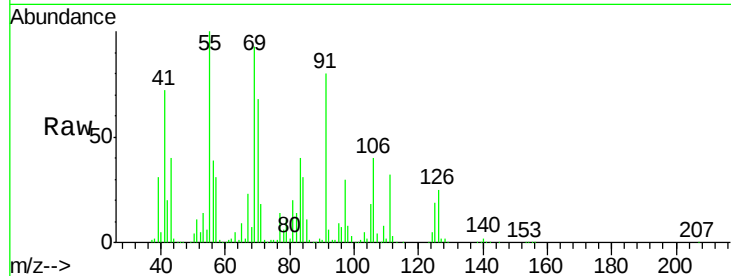




#68
m/p-Xylenes
Concen: 28.600 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

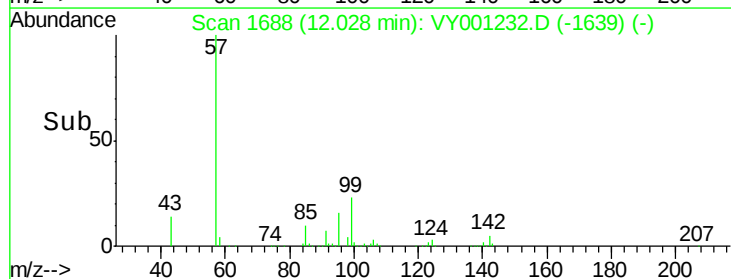
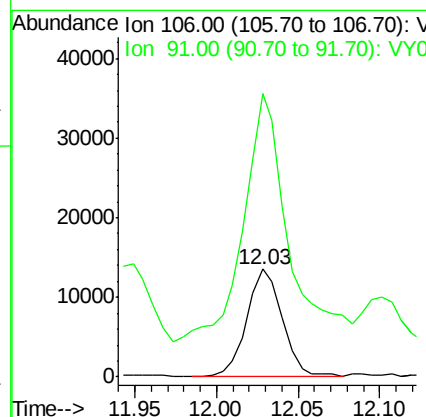
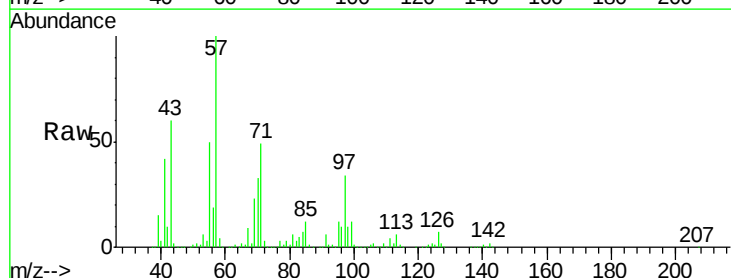
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.5-3.0

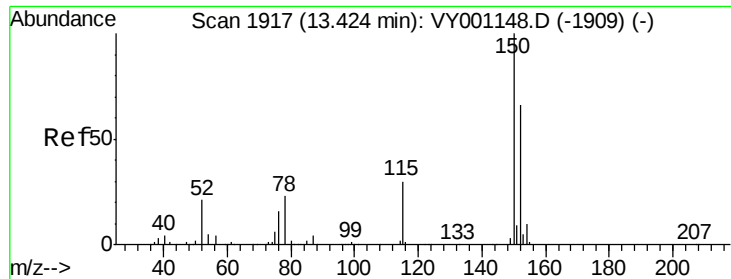
Tgt Ion:106 Resp: 103140
Ion Ratio Lower Upper
106 100
91 212.7 161.4 242.2



#69
o-Xylene
Concen: 5.846 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion:106 Resp: 20213
Ion Ratio Lower Upper
106 100
91 293.7 106.3 318.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

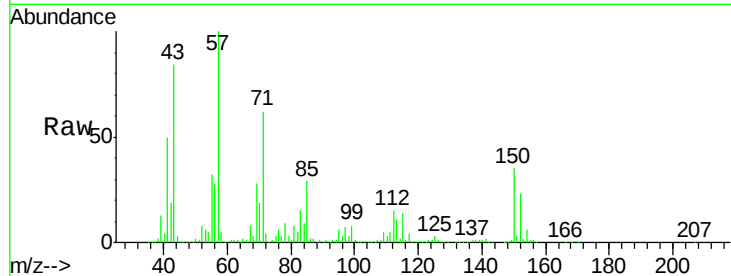
Tgt Ion:152 Resp: 132027

Ion Ratio Lower Upper

152 100

115 54.3 30.9 92.5

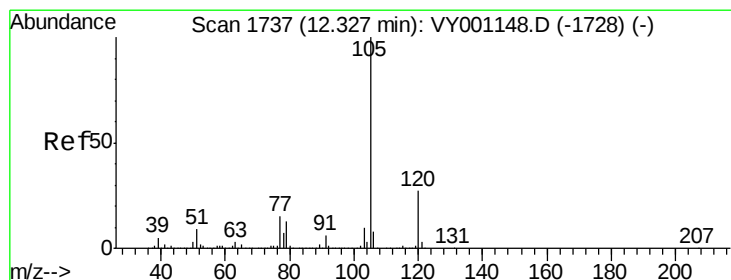
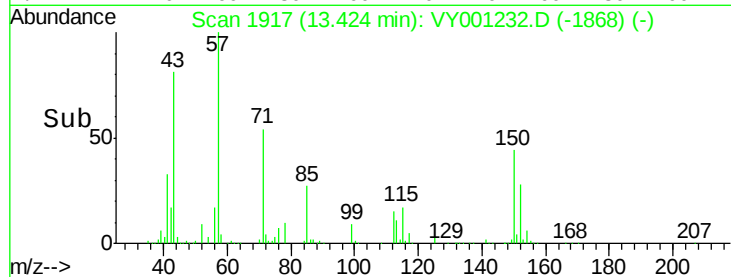
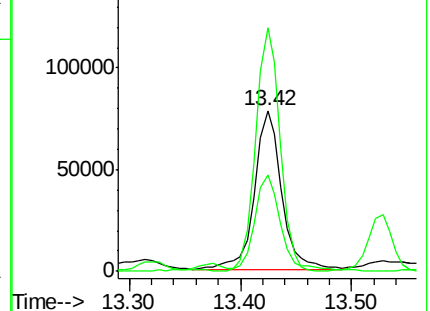
150 137.5 0.0 346.8



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: 325.165 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY001232.D

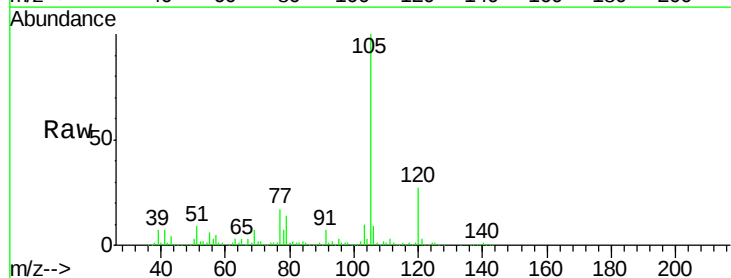
Acq: 15 Jan 2020 20:28

Tgt Ion:105 Resp: 3227403

Ion Ratio Lower Upper

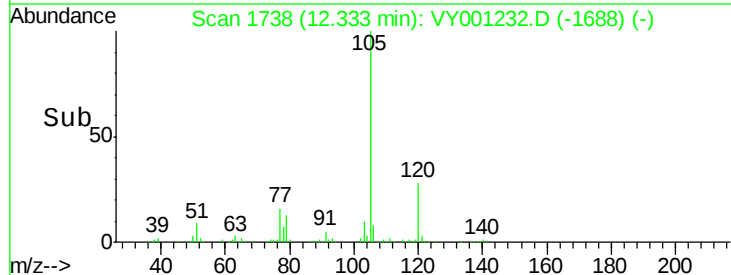
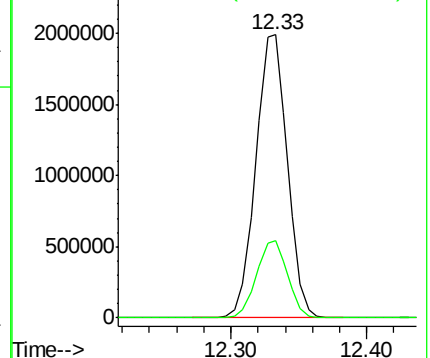
105 100

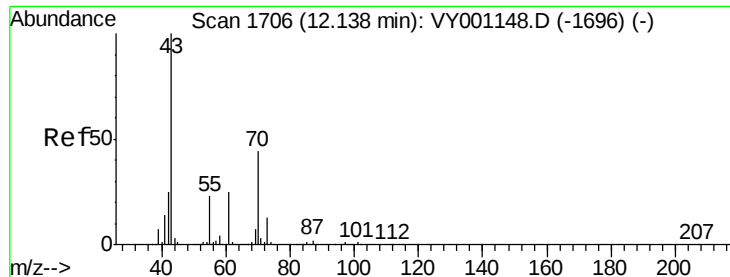
120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 449.213 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.01 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

Tgt Ion: 43 Resp: 1391457

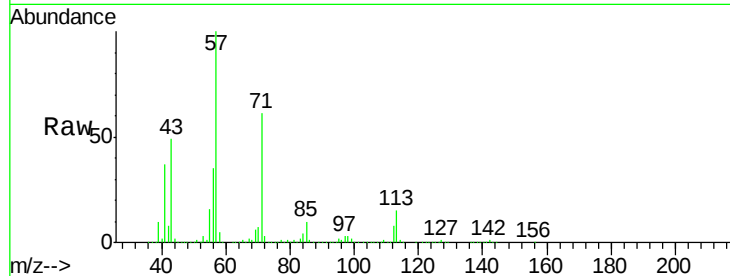
Ion Ratio Lower Upper

43 100

70 16.5 35.0 52.6#

55 6.8 18.4 27.6#

61 0.0 20.1 30.1#

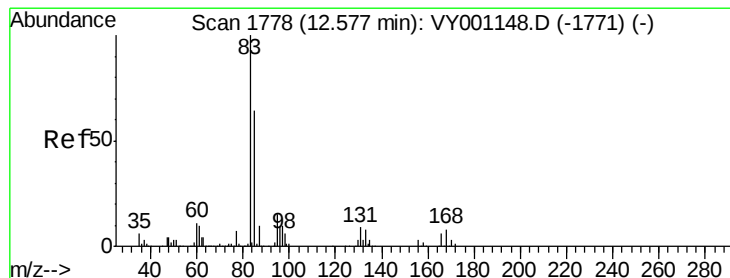
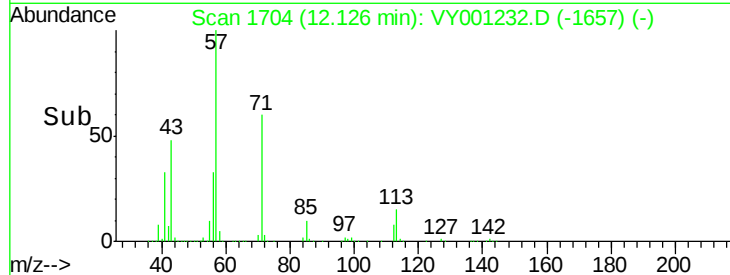
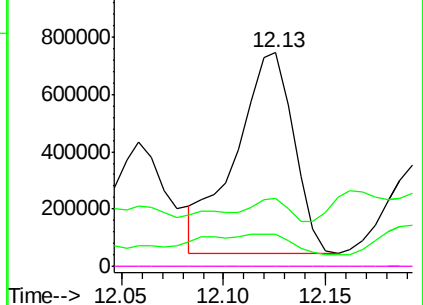


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 31.687 ug/l

RT: 12.53 min Scan# 1770

Delta R.T. -0.05 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

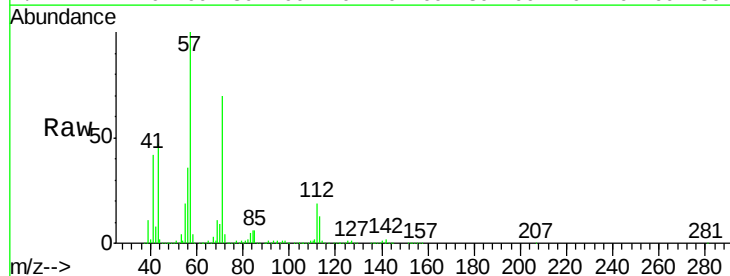
Tgt Ion: 83 Resp: 66170

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

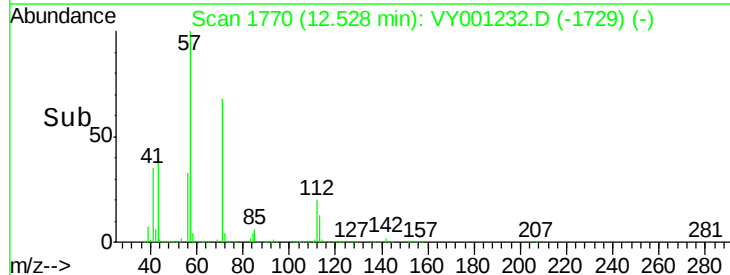
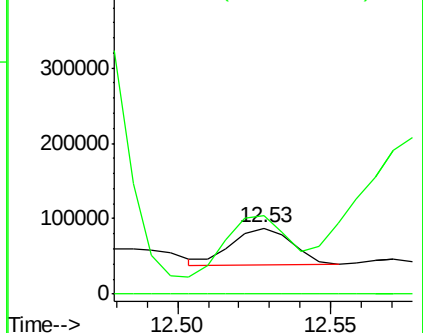
85 177.1 32.2 96.6#

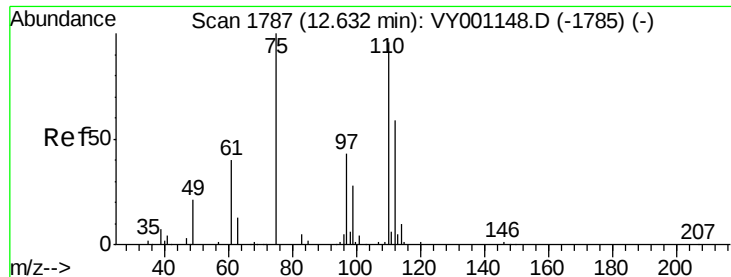


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 48.281 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.04 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampled :

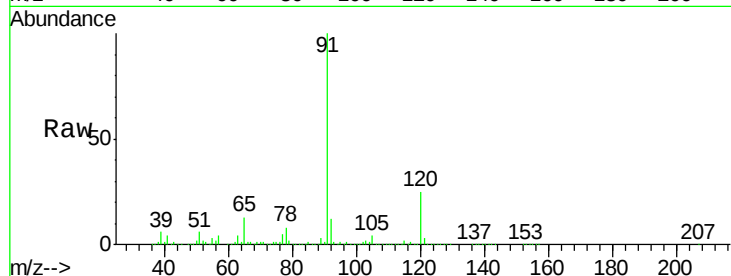
SB-04-2.5-3.0

Tgt Ion: 75 Resp: 68238

Ion Ratio Lower Upper

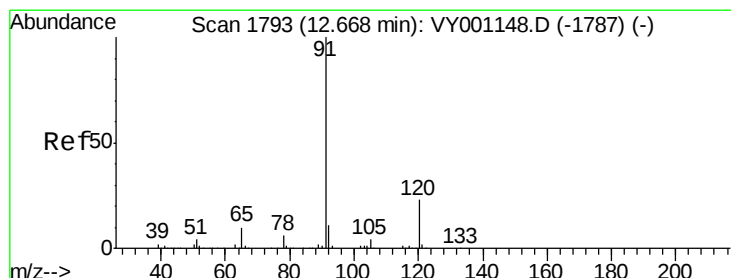
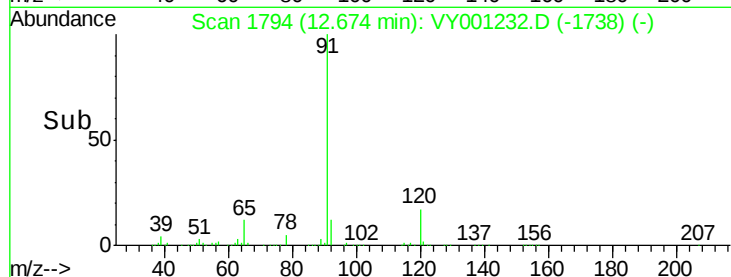
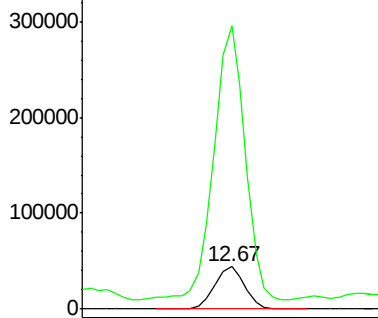
75 100

77 672.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#78

n-propylbenzene

Concen: 867.711 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY001232.D

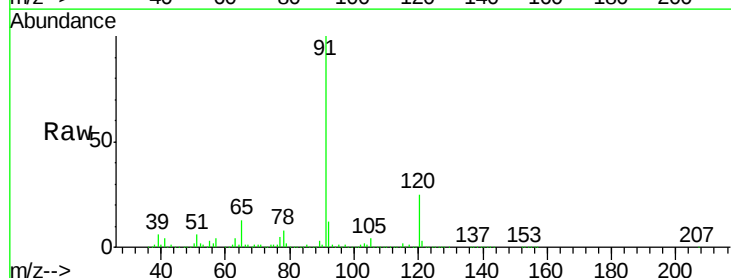
Acq: 15 Jan 2020 20:28

Tgt Ion: 91 Resp:10359436

Ion Ratio Lower Upper

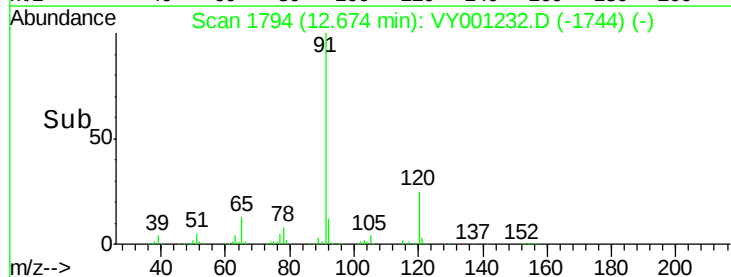
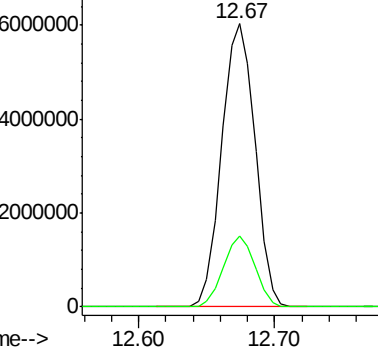
91 100

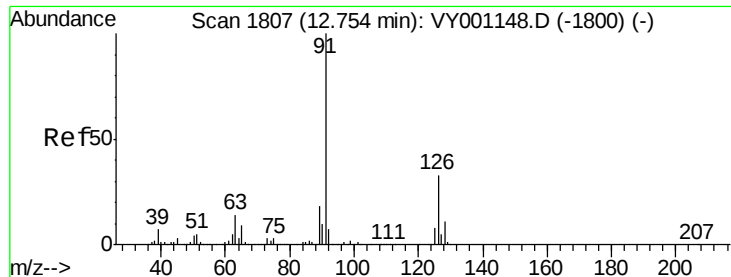
120 23.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1510.897 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.08 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

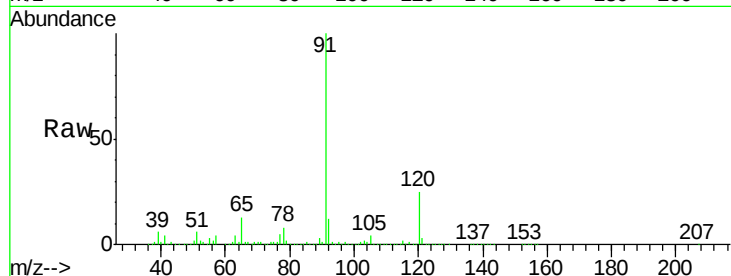
SB-04-2.5-3.0

Tgt Ion: 91 Resp:10359436

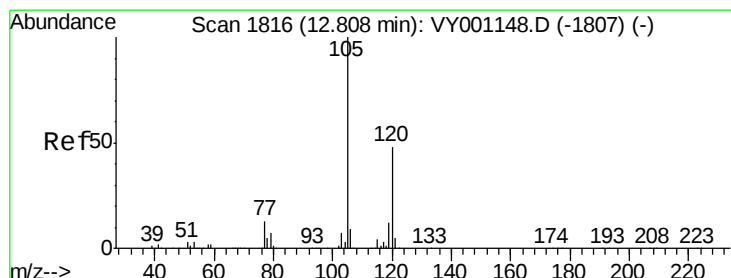
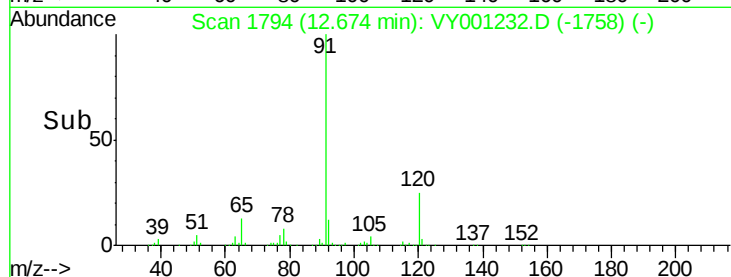
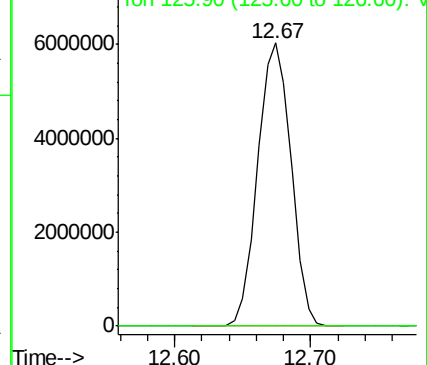
Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 32.695 ug/l

RT: 12.97 min Scan# 1843

Delta R.T. 0.16 min

Lab File: VY001232.D

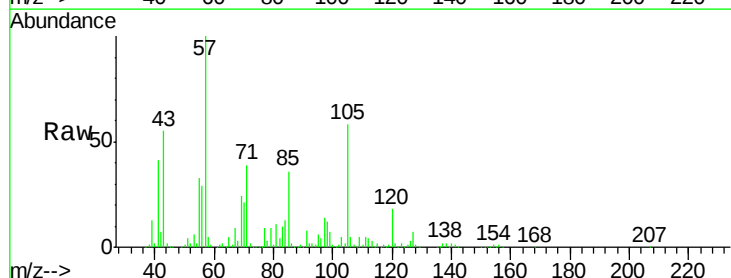
Acq: 15 Jan 2020 20:28

Tgt Ion:105 Resp: 270765

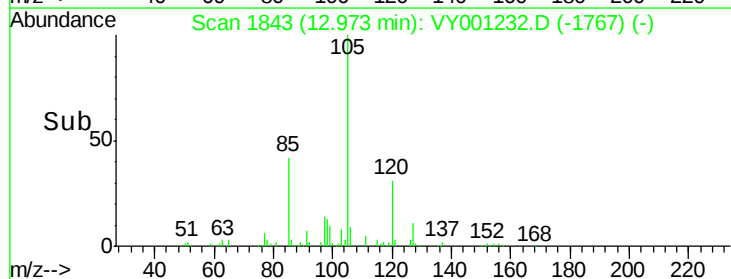
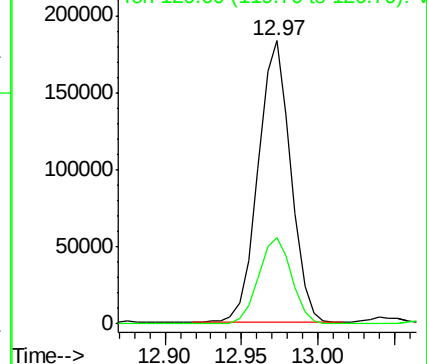
Ion Ratio Lower Upper

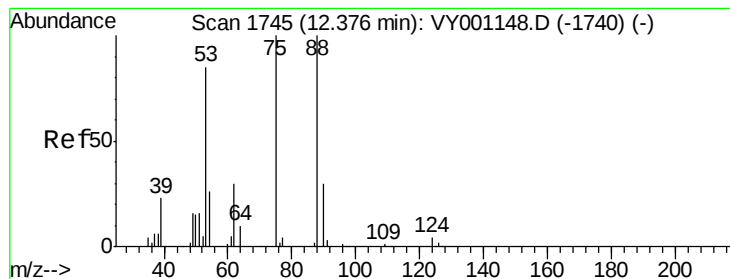
105 100

120 31.2 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.327 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.05 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-2.5-3.0

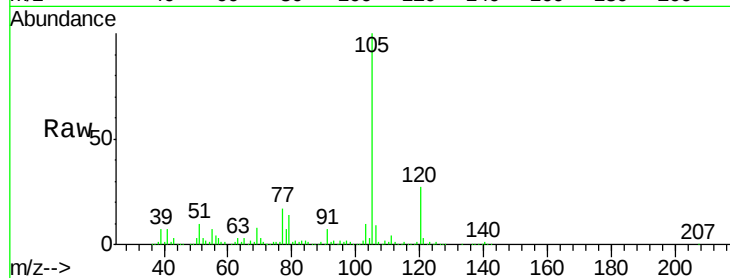
Tgt Ion: 75 Resp: 35278

Ion Ratio Lower Upper

75 100

53 69.3 69.4 104.2#

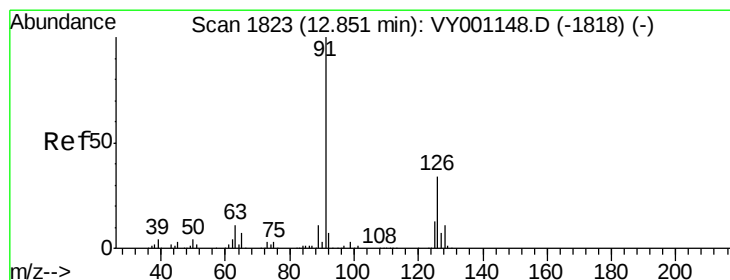
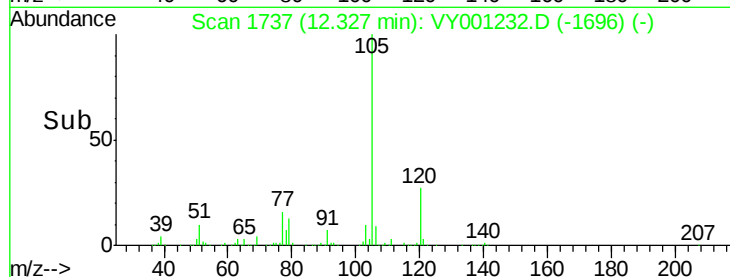
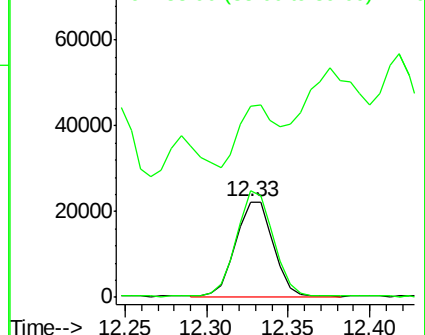
89 110.6 0.0 0.0#



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: 1415.267 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.18 min

Lab File: VY001232.D

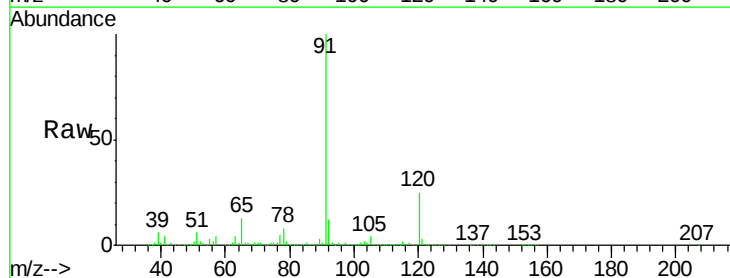
Acq: 15 Jan 2020 20:28

Tgt Ion: 91 Resp: 10359436

Ion Ratio Lower Upper

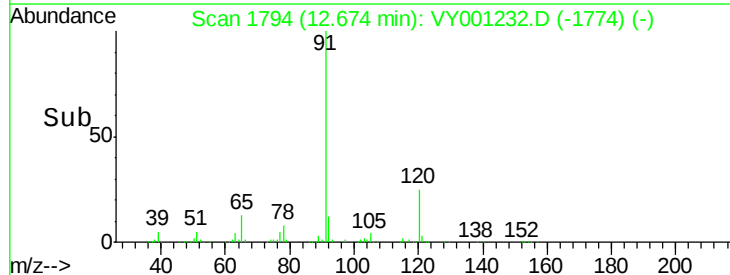
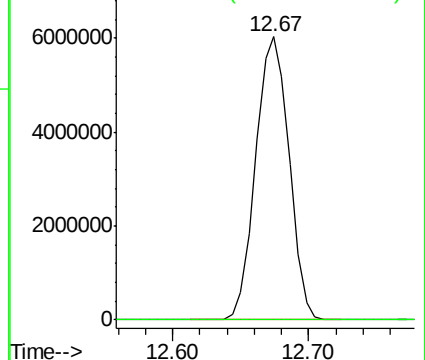
91 100

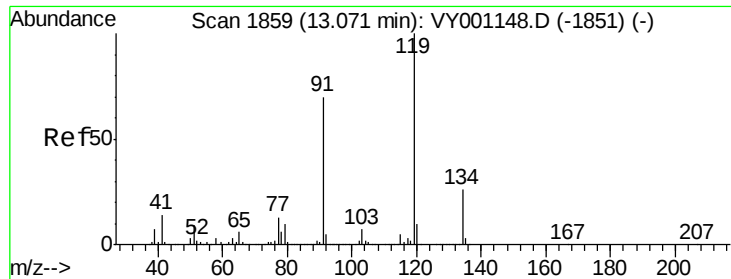
126 0.0 16.3 48.8#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

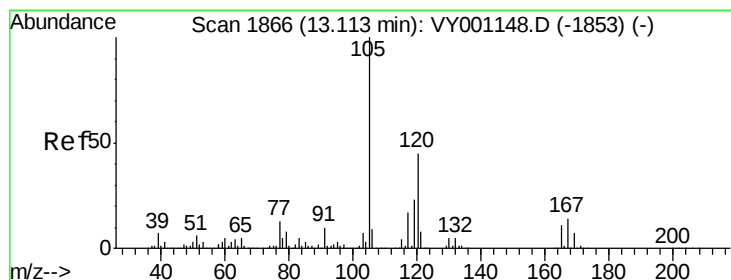
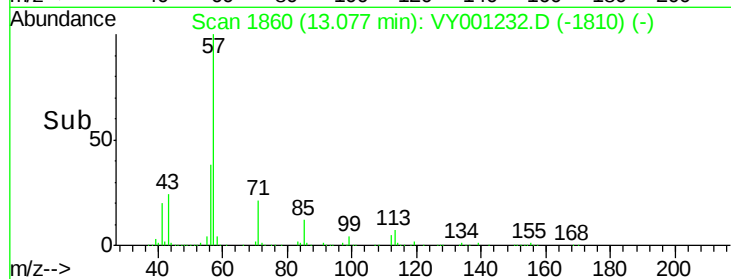
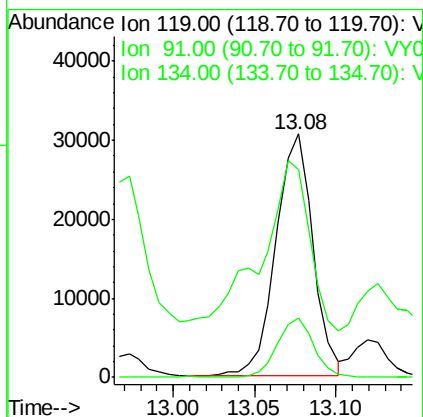
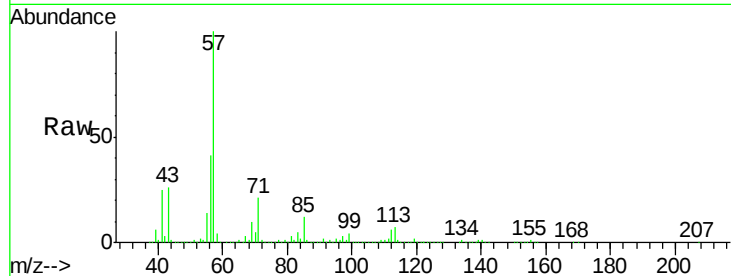




#83
 tert-Butylbenzene
 Concen: 6.922 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

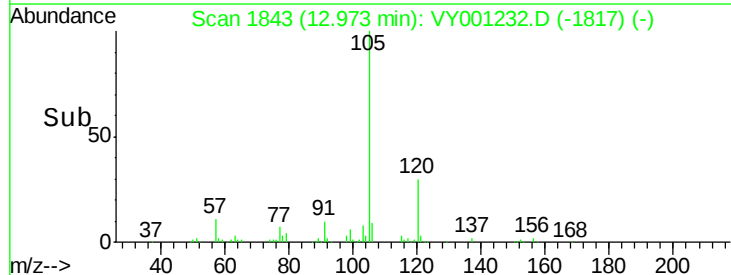
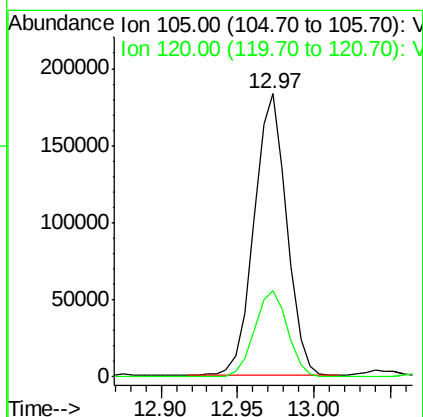
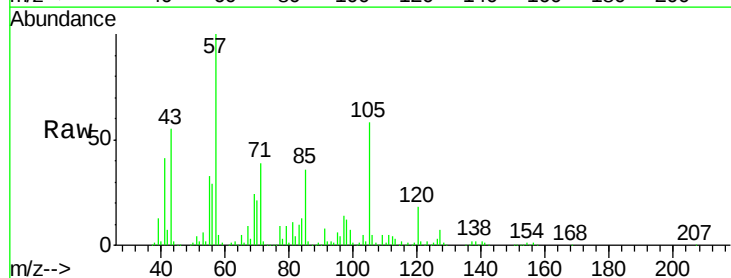
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

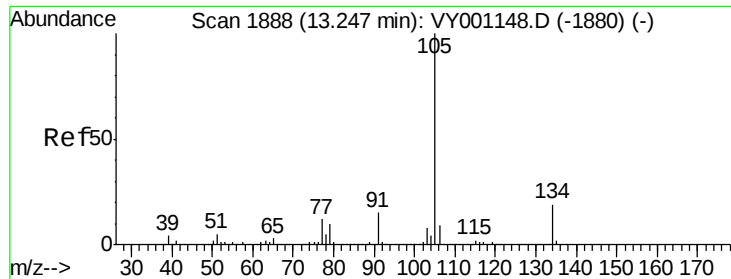
Tgt Ion:119 Resp: 48168
 Ion Ratio Lower Upper
 119 100
 91 0.0 33.9 101.7#
 134 0.0 13.5 40.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 32.923 ug/l
 RT: 12.97 min Scan# 1843
 Delta R.T. -0.14 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion:105 Resp: 270765
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 335.140 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

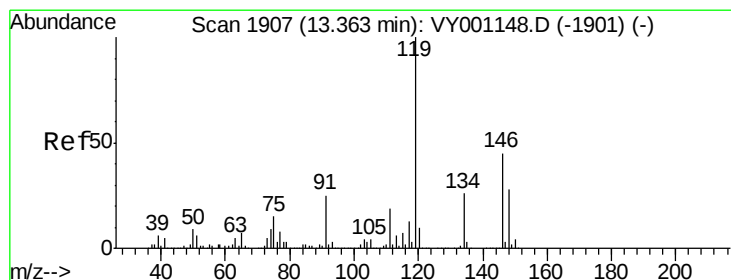
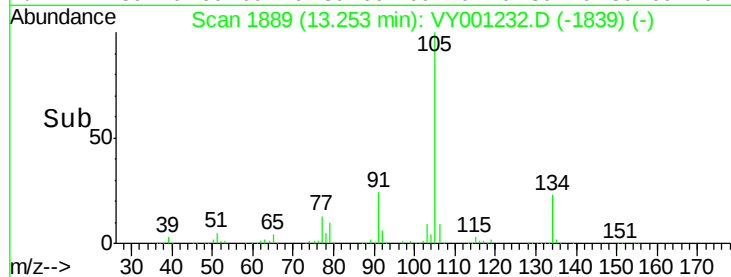
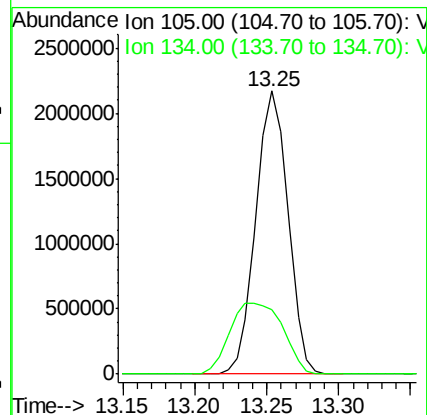
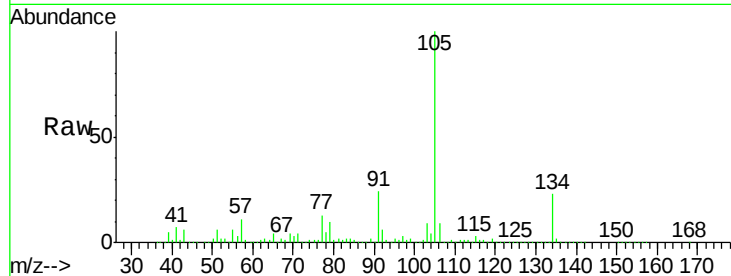
SB-04-2.5-3.0

Tgt Ion:105 Resp: 3355021

Ion Ratio Lower Upper

105 100

134 41.7 9.8 29.5#



#86

p-Isopropyltoluene

Concen: 60.400 ug/l

RT: 13.53 min Scan# 1934

Delta R.T. 0.16 min

Lab File: VY001232.D

Acq: 15 Jan 2020 20:28

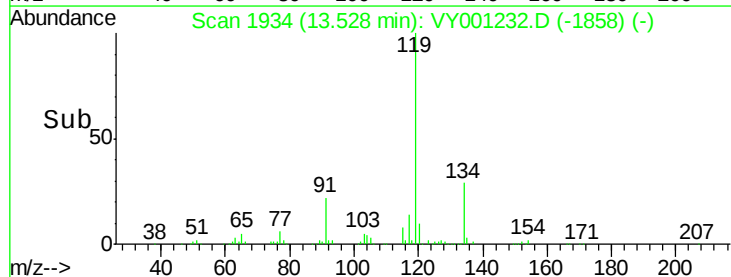
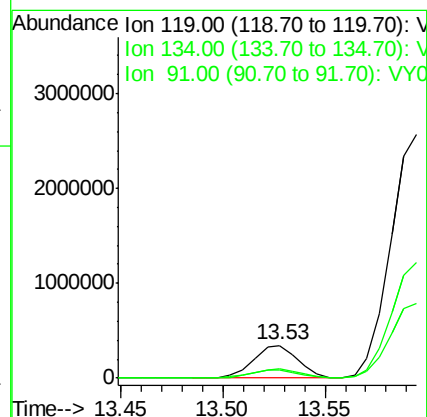
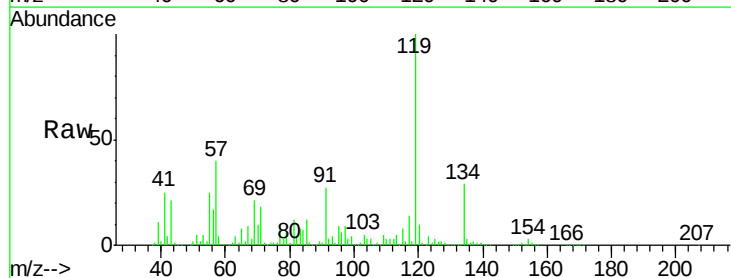
Tgt Ion:119 Resp: 524988

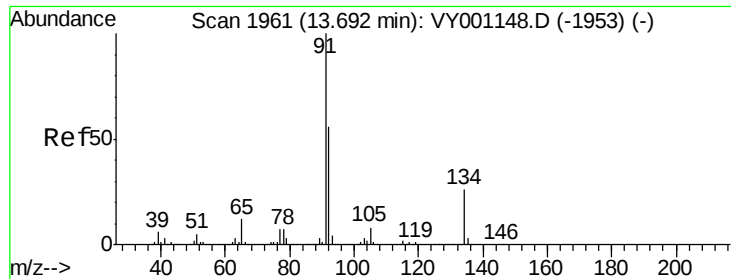
Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.2

91 24.8 12.4 37.2

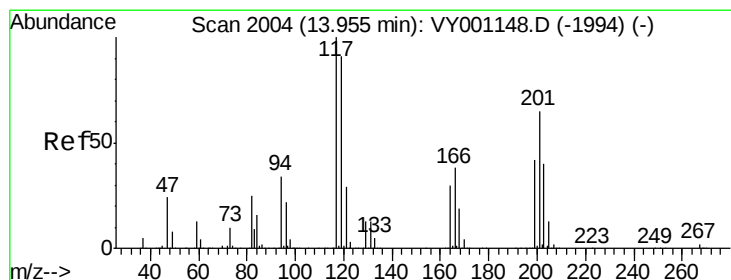
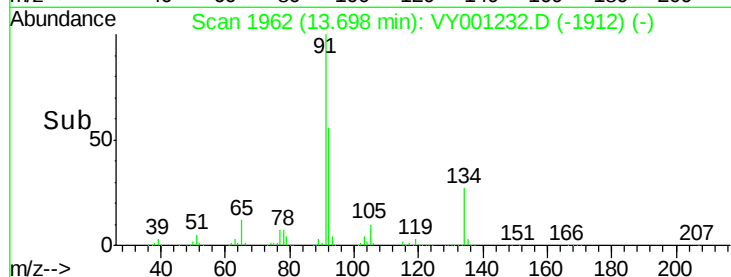
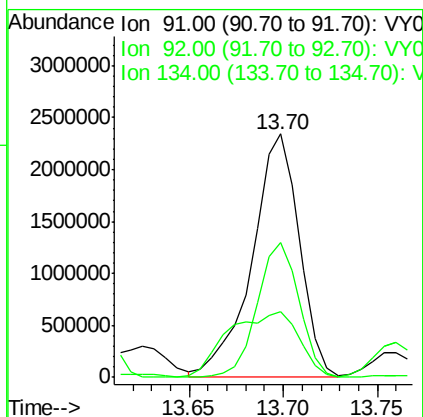
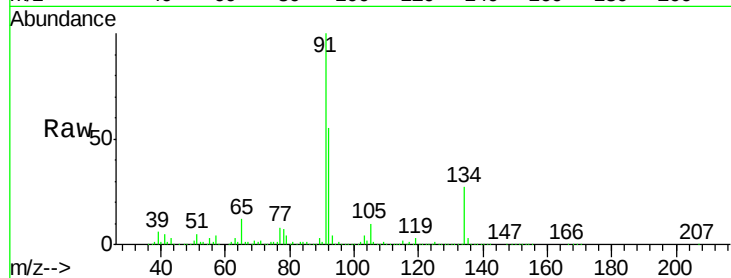




#89
n-Butylbenzene
Concen: 462.696 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

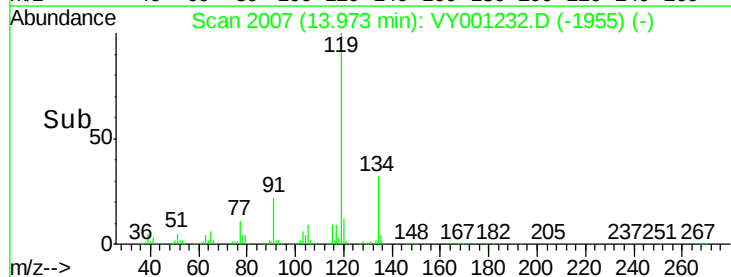
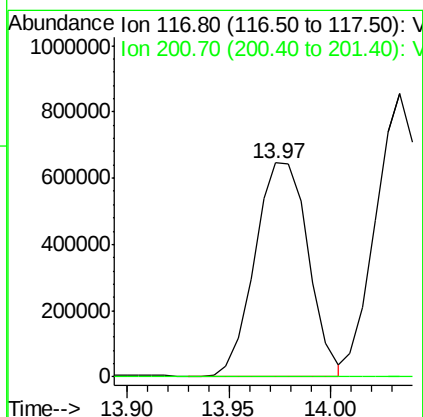
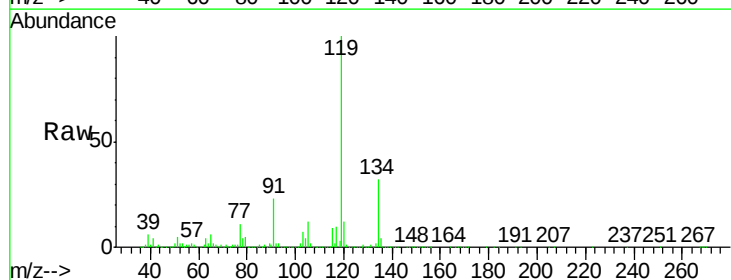
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-2.5-3.0

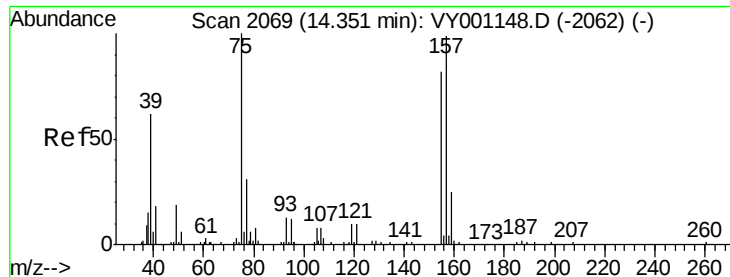
Tgt Ion: 91 Resp: 4050527
Ion Ratio Lower Upper
91 100
92 49.1 27.7 83.1
134 40.5 12.9 38.6#



#90
Hexachloroethane
Concen: 693.155 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.02 min
Lab File: VY001232.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 117 Resp: 1177215
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#

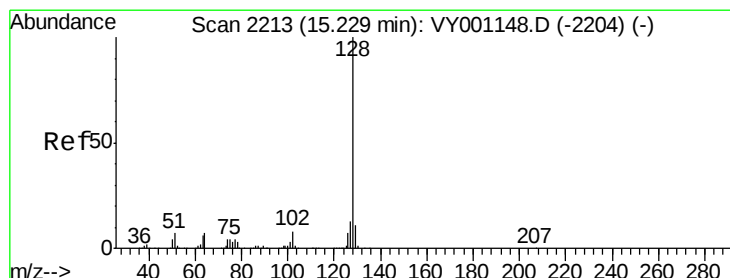
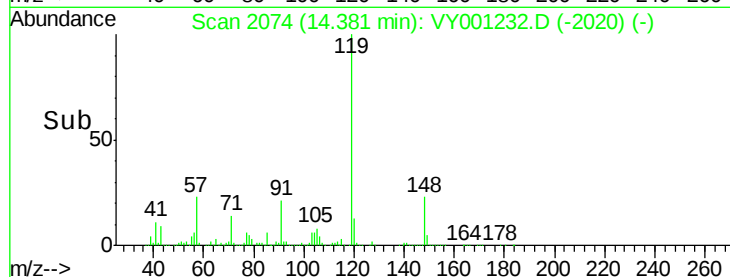
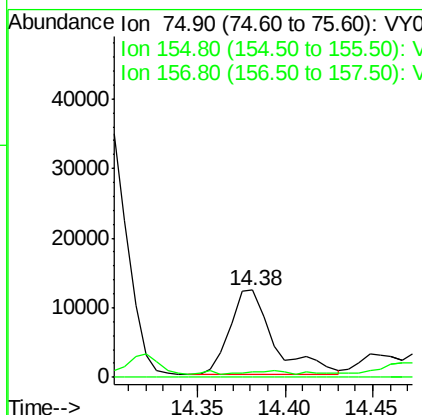
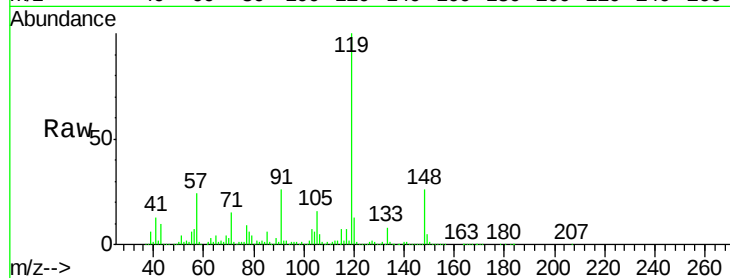




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.323 ug/l
 RT: 14.38 min Scan# 2074
 Delta R.T. 0.03 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

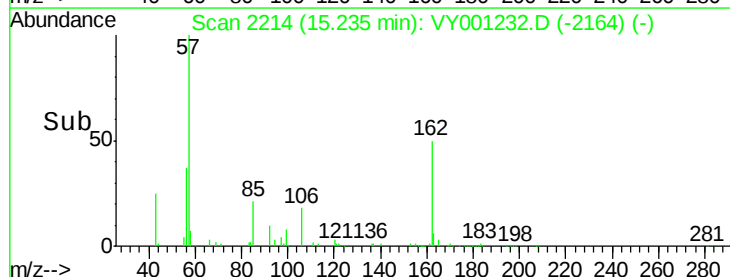
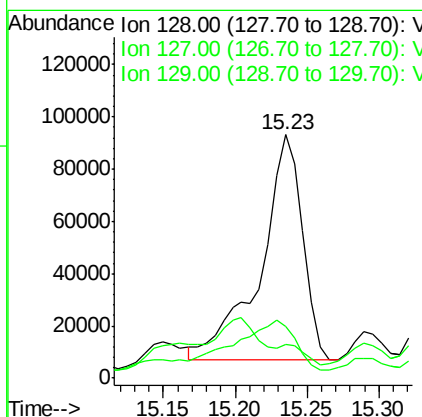
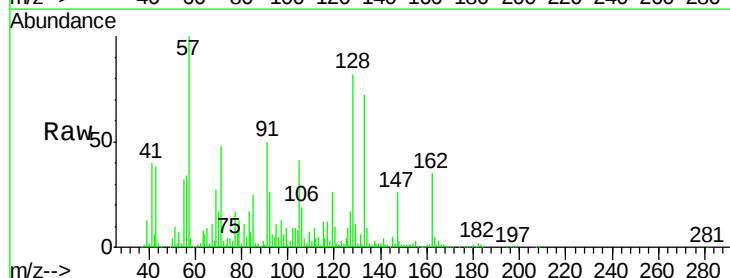
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

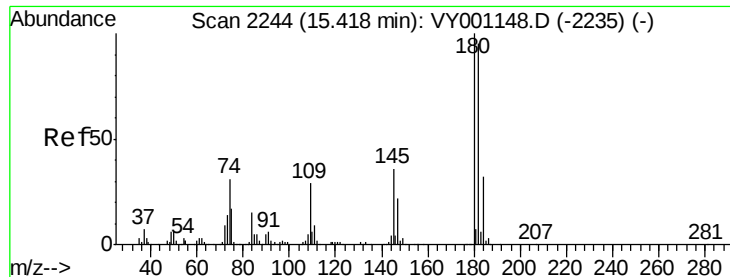
Tgt Ion: 75 Resp: 21593
 Ion Ratio Lower Upper
 75 100
 155 2.8 41.2 123.6#
 157 0.0 52.8 158.4#



#95
 Naphthalene
 Concen: 29.692 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Tgt Ion: 128 Resp: 175564
 Ion Ratio Lower Upper
 128 100
 127 32.0 10.2 15.4#
 129 0.0 8.5 12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.018 ug/l
 RT: 15.39 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: VY001232.D
 Acq: 15 Jan 2020 20:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-2.5-3.0

Tgt Ion:180 Resp: 2279
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.5#
 145 8531.0 17.1 51.3#

