

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000883.D
 Acq On : 05 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6174-01
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

Quant Time: Dec 06 04:01:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	250094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	484260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	437425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	132539	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
35) Dibromofluoromethane	7.73	113	142196	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.18	98	971747	86.12	ug/l	0.00
Spiked Amount			Recovery	=	172.24%	
62) 4-Bromofluorobenzene	12.47	95	261724	61.76	ug/l	0.00
Spiked Amount			Recovery	=	123.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	88	Below Cal	#	3
11) Tert butyl alcohol	4.95	59	502	1.878	ug/l #	74
13) Acrolein	3.69	56	9713	36.880	ug/l #	1
14) Allyl chloride	4.57	41	282967	60.182	ug/l #	62
15) Acrylonitrile	5.25	53	250198	287.212	ug/l #	40
16) Acetone	3.94	43	336600	552.149	ug/l #	52
17) Carbon Disulfide	4.20	76	12799	1.443	ug/l #	95
18) Methyl Acetate	4.57	43	241864	94.886	ug/l #	53
20) Methylene Chloride	4.72	84	17382	5.409	ug/l #	1
23) Vinyl Acetate	6.04	43	86731	14.763	ug/l #	75
24) 1,1-Dichloroethane	6.04	63	7669	1.440	ug/l #	83
25) 2-Butanone	6.99	43	99454	88.315	ug/l #	51
26) 2,2-Dichloropropane	6.80	77	43538	9.712	ug/l #	51
28) Bromochloromethane	7.35	49	365	2.195	ug/l #	15
29) Tetrahydrofuran	7.37	42	12383	16.594	ug/l #	33
30) Chloroform	7.47	83	485329	90.832	ug/l #	19
31) Cyclohexane	7.79	56	5727381	1015.062	ug/l	94
37) Ethyl Acetate	6.99	43	99454	35.772	ug/l #	70
38) Carbon Tetrachloride	7.80	117	26208	6.112	ug/l #	13
39) Methylcyclohexane	9.19	83	12127421	1901.057	ug/l	97
40) Benzene	8.17	78	14225	1.014	ug/l #	79
41) Methacrylonitrile	7.36	41	136326	93.034	ug/l #	39
43) Isopropyl Acetate	8.27	43	807914	154.202	ug/l #	52
45) 1,2-Dichloropropane	9.19	63	139174	39.505	ug/l #	1
47) Bromodichloromethane	9.49	83	584882	135.262	ug/l #	26
48) Methyl methacrylate	9.25	41	291422	126.490	ug/l #	34
49) 1,4-Dioxane	9.19	88	112	4.294	ug/l #	1
51) 4-Methyl-2-Pentanone	10.17	43	230275	85.066	ug/l #	40
52) Toluene	10.24	92	26748	3.080	ug/l	92
55) 1,1,2-Trichloroethane	10.62	97	1234797	454.054	ug/l #	20
56) Ethyl methacrylate	10.52	69	543408	139.681	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.77	63	13869	8.841	ug/l #	48
59) 2-Hexanone	10.80	43	679016	344.232	ug/l #	28
61) 1,2-Dibromoethane	11.06	107	4389	1.712	ug/l #	1

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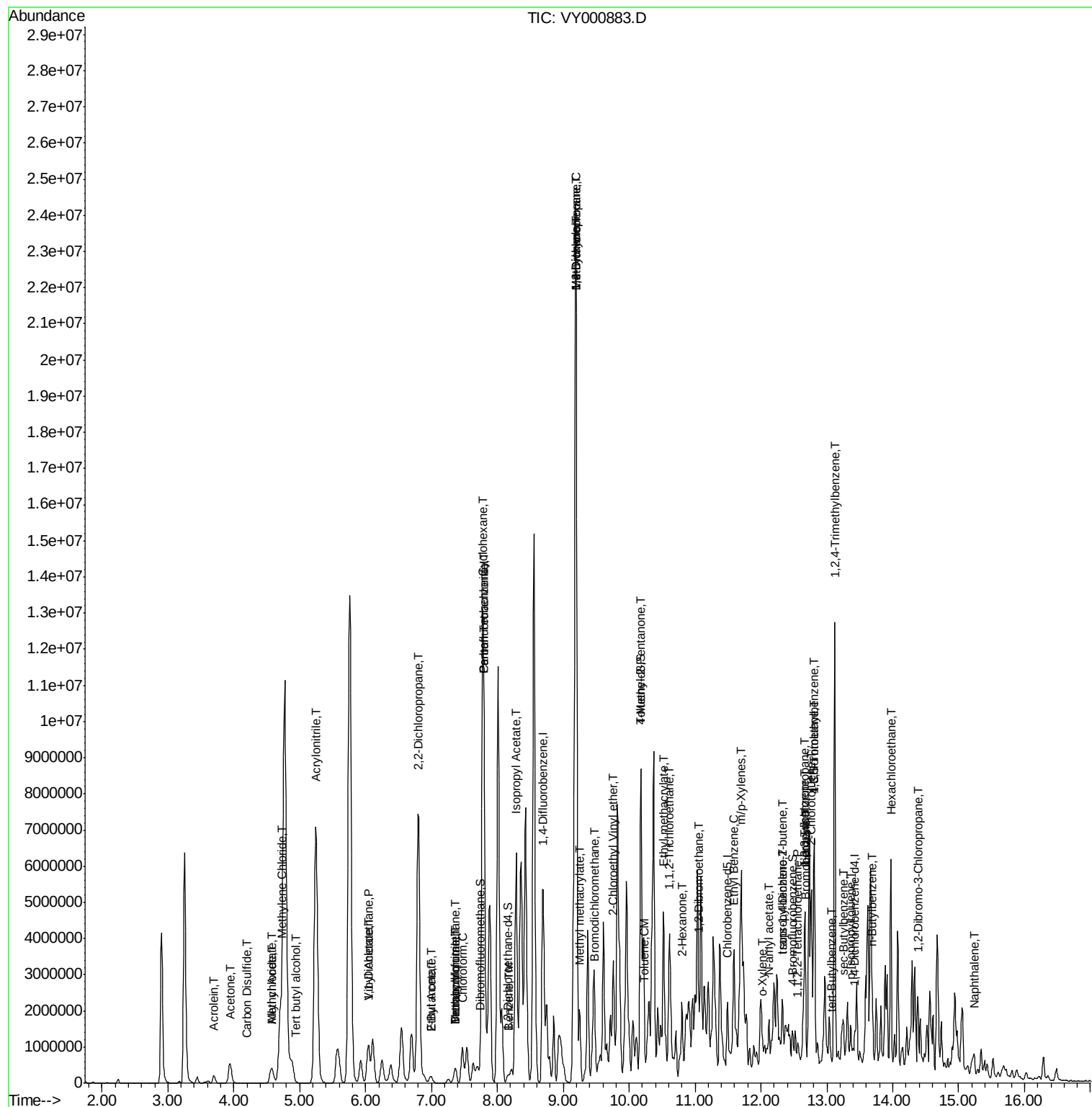
67) Ethyl Benzene	11.59	91	1345666	79.466	ug/l	97
68) m/p-Xylenes	11.70	106	1480148	232.874	ug/l	99
69) o-Xylene	12.03	106	28914	4.879	ug/l	84
73) Isopropylbenzene	12.33	105	1002199	73.881	ug/l	100
74) N-amyl acetate	12.12	43	257284	68.143	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.56	83	21328	7.980	ug/l #	74
76) 1,2,3-Trichloropropane	12.67	75	18914	9.799	ug/l #	100
77) Bromobenzene	12.68	156	90599	30.812	ug/l #	46
78) n-propylbenzene	12.67	91	3091999	186.680	ug/l	98
79) 2-Chlorotoluene	12.77	91	254588	27.823	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.81	105	2483094	221.083	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.33	75	11027	11.221	ug/l #	57
82) 4-Chlorotoluene	12.81	91	282830	30.001	ug/l #	43
83) tert-Butylbenzene	13.07	119	27355	2.897	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.12	105	6797179	604.901	ug/l	99
85) sec-Butylbenzene	13.25	105	672555	48.973	ug/l #	62
86) p-Isopropyltoluene	13.37	119	346487	29.007	ug/l	95
89) n-Butylbenzene	13.69	91	928200	76.858	ug/l #	78
90) Hexachloroethane	13.97	117	279268	126.918	ug/l #	16
92) 1,2-Dibromo-3-Chloropropan	14.38	75	5892	13.167	ug/l #	5
95) Naphthalene	15.23	128	375199	46.024	ug/l	97

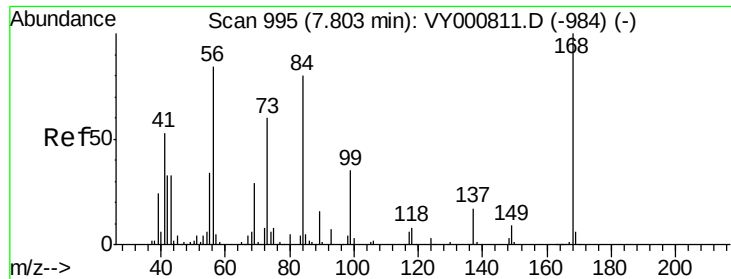
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

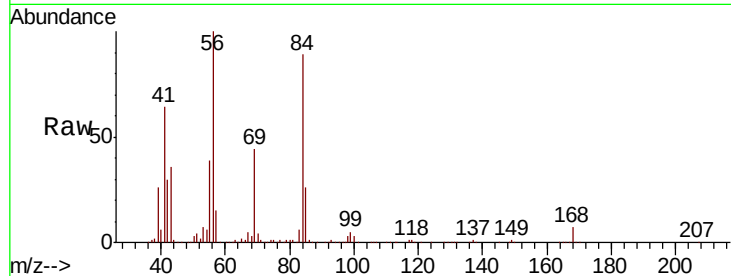
SOLID-COMP

Tot Ion:168 Resp: 250094

Ion Ratio Lower Upper

168 100

99 62.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

120000

100000

80000

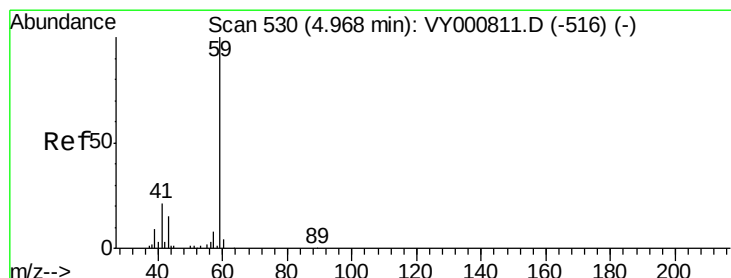
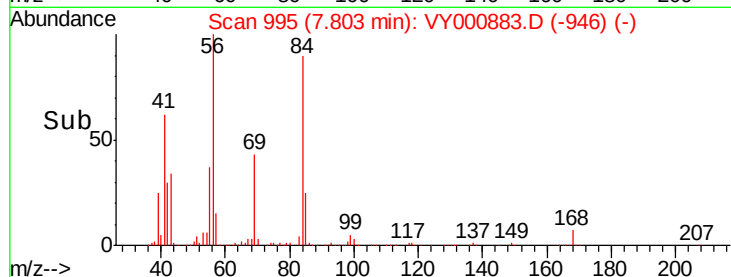
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.878 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY000883.D

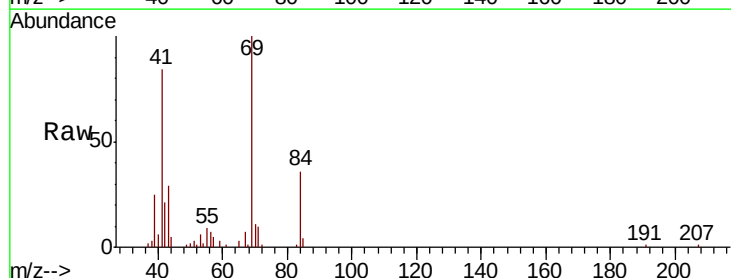
Acq: 05 Dec 2019 15:17

Tgt Ion: 59 Resp: 502

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000811.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY000811.D (-516) (-)

2000

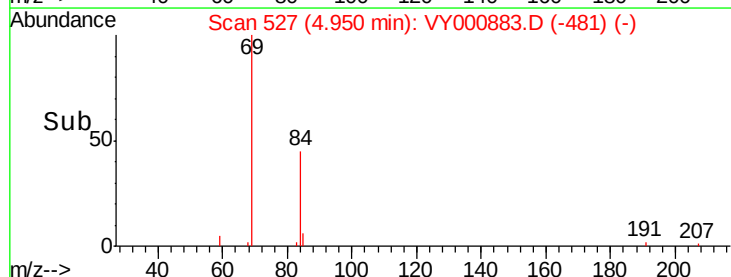
1500

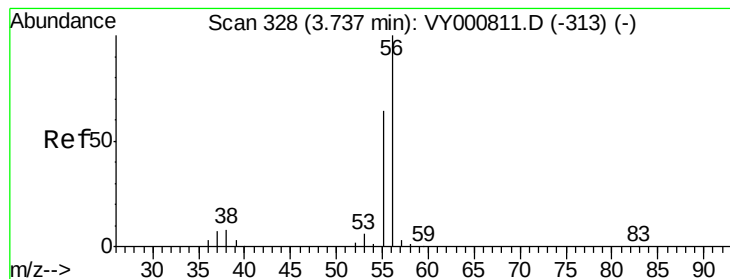
1000

500

0

Time-->





#13

Acrolein

Concen: 36.880 ug/l

RT: 3.69 min Scan# 321

Delta R.T. -0.04 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

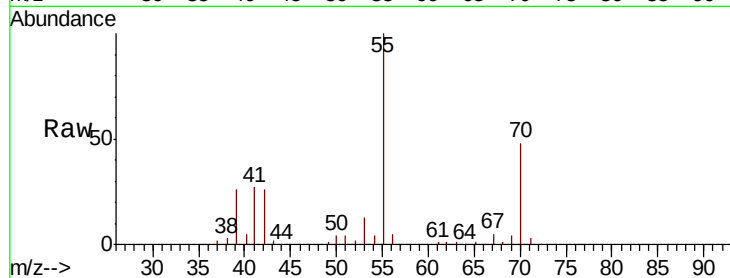
SOLID-COMP

Tot Ion: 56 Resp: 9713

Ion Ratio Lower Upper

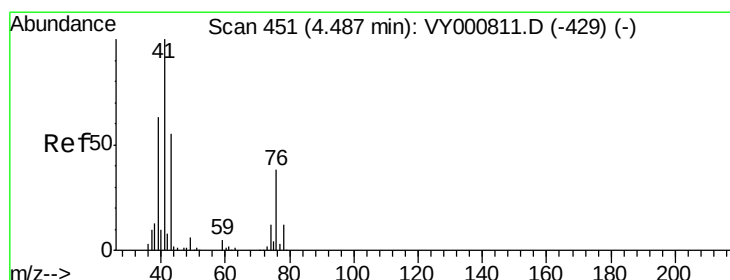
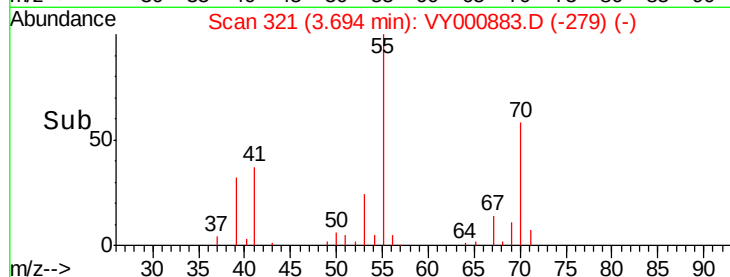
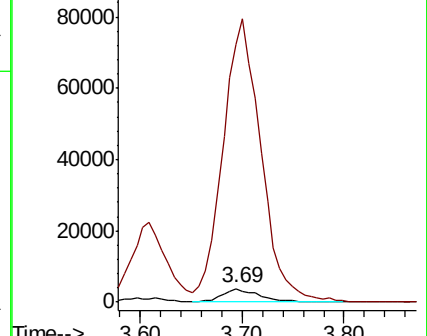
56 100

55 2128.8 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 60.182 ug/l

RT: 4.57 min Scan# 465

Delta R.T. 0.09 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

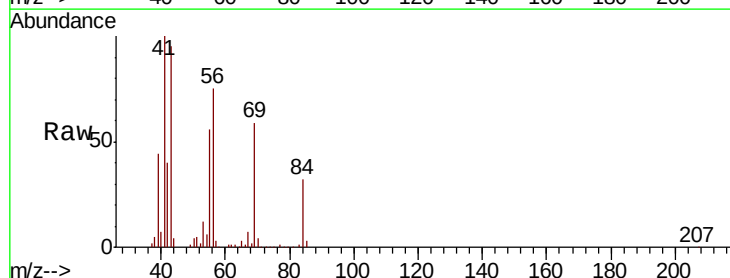
Tgt Ion: 41 Resp: 282967

Ion Ratio Lower Upper

41 100

39 43.6 49.2 73.8#

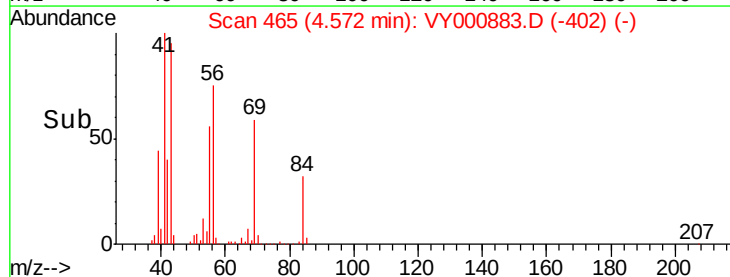
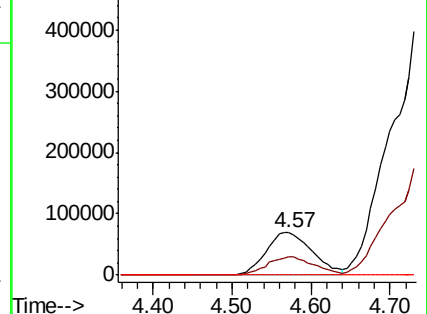
76 0.0 29.2 43.8#

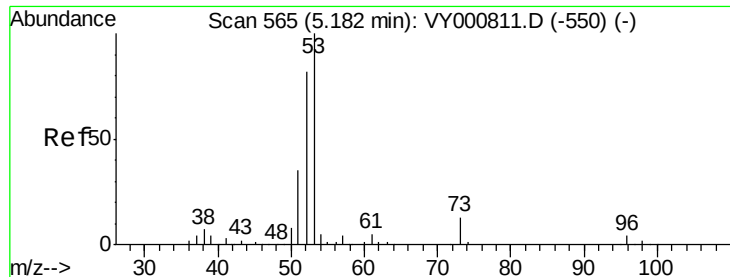


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 287.212 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.07 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

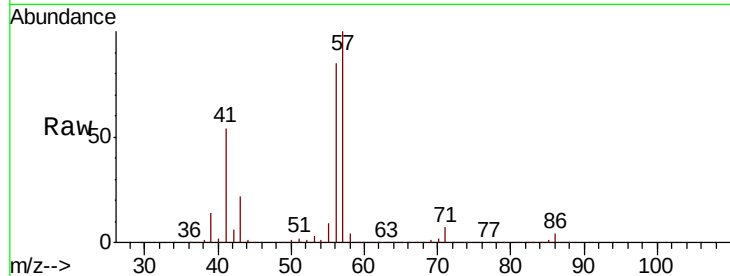
Tot Ion: 53 Resp: 250198

Ion Ratio Lower Upper

53 100

52 18.9 65.1 97.7#

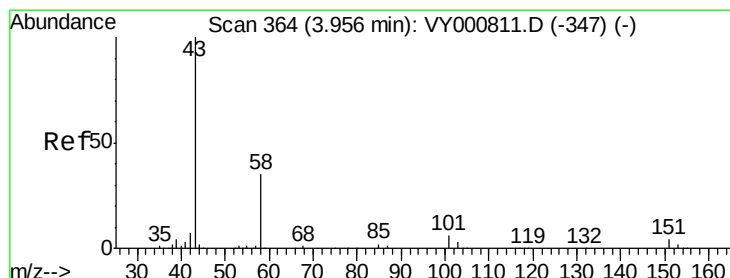
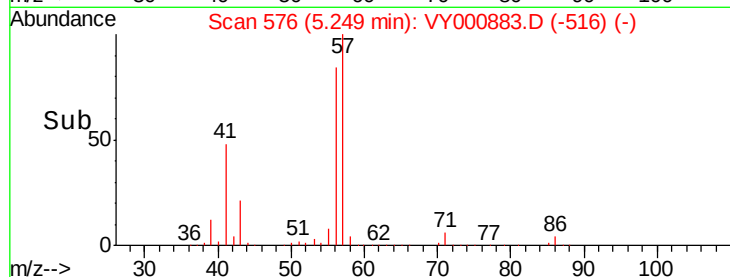
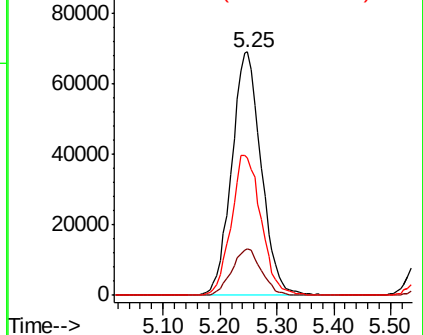
51 58.1 29.0 43.4#



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: 552.149 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.02 min

Lab File: VY000883.D

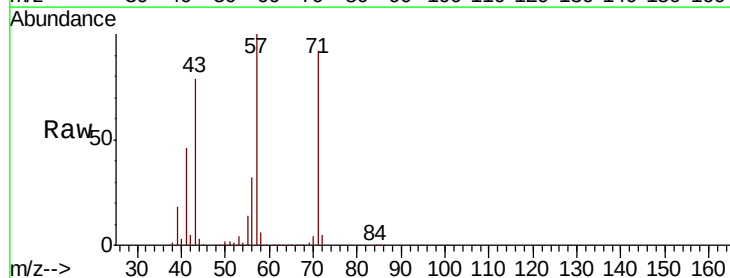
Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 336600

Ion Ratio Lower Upper

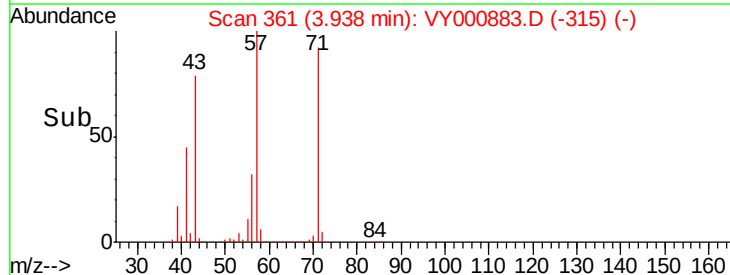
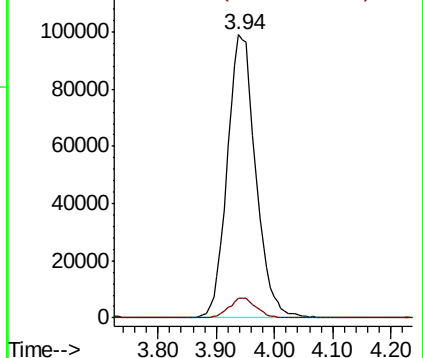
43 100

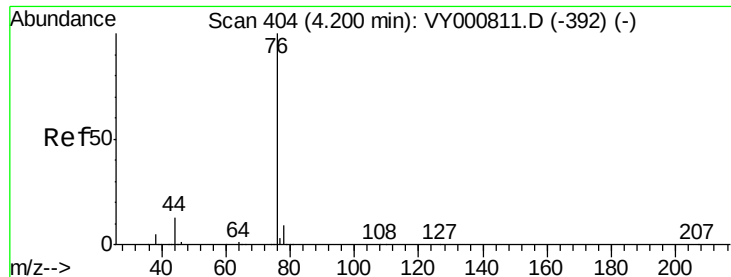
58 7.0 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 1.443 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

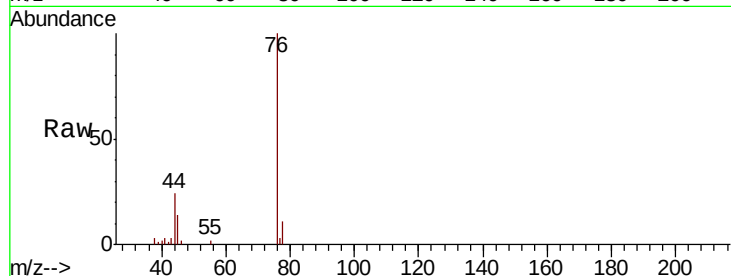
SOLID-COMP

Tot Ion: 76 Resp: 12799

Ion Ratio Lower Upper

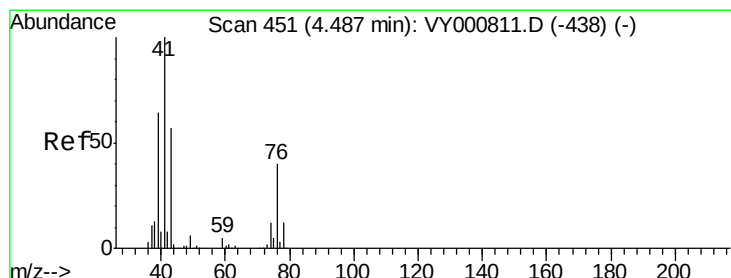
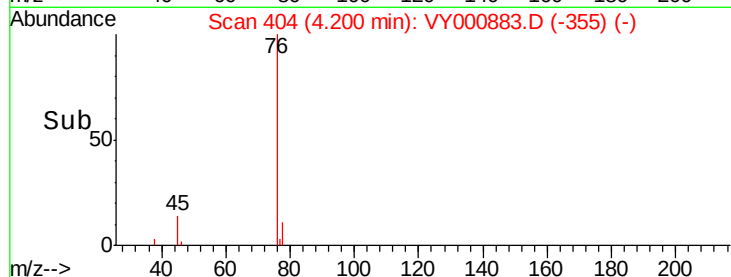
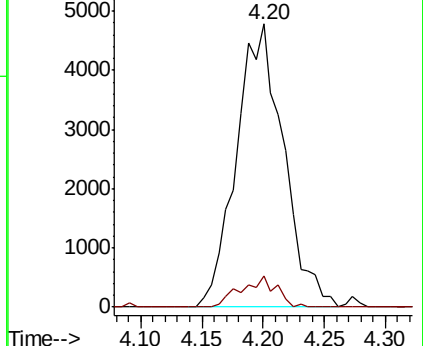
76 100

78 11.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 94.886 ug/l

RT: 4.57 min Scan# 464

Delta R.T. 0.08 min

Lab File: VY000883.D

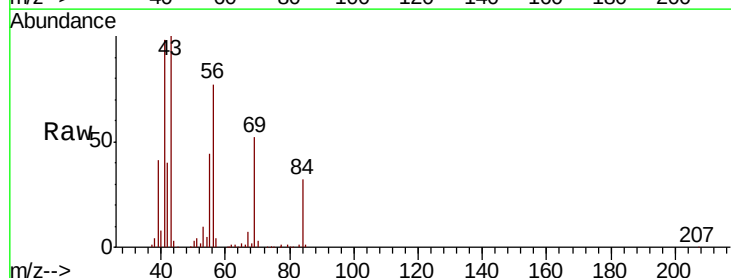
Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 241864

Ion Ratio Lower Upper

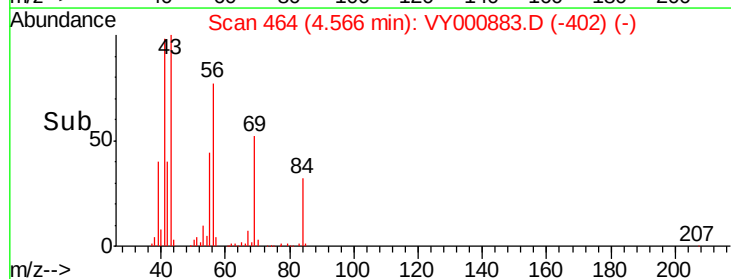
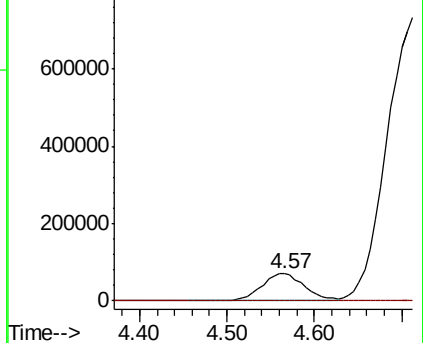
43 100

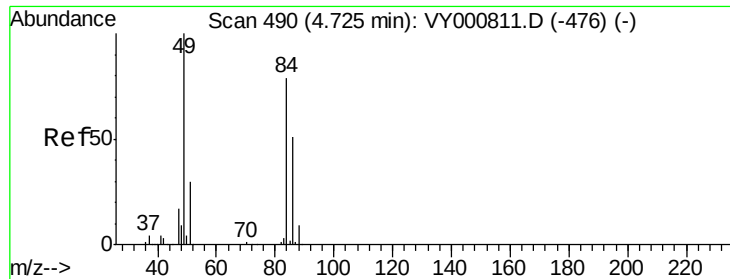
74 0.3 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

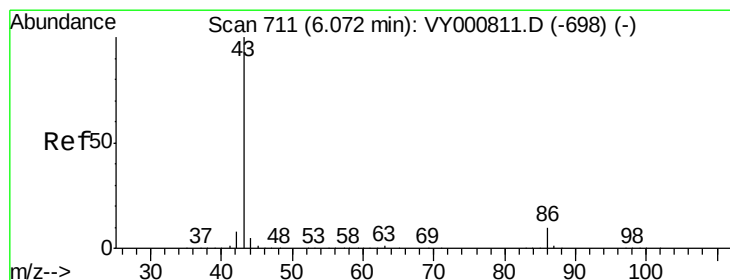
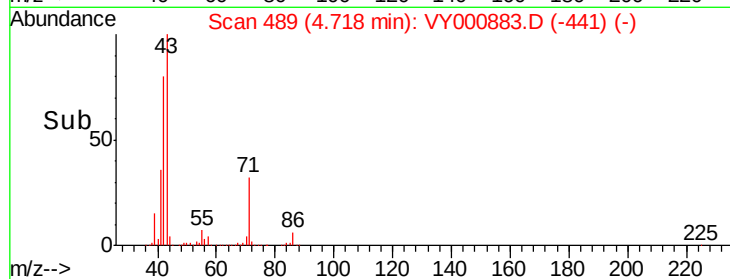
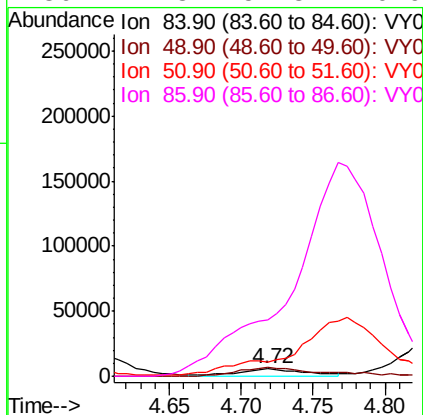
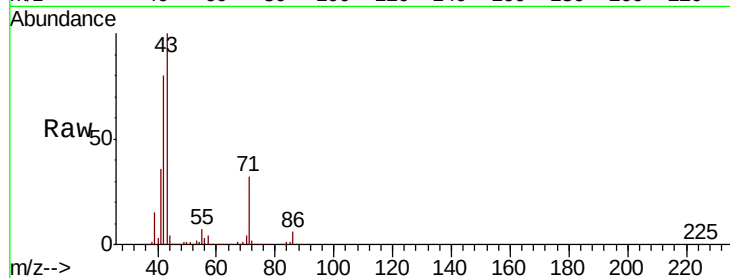




#20
Methylene Chloride
Concen: 5.409 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

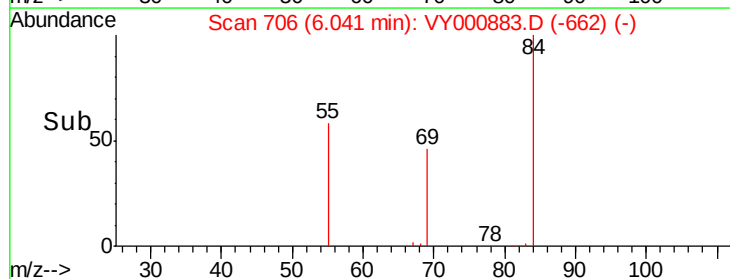
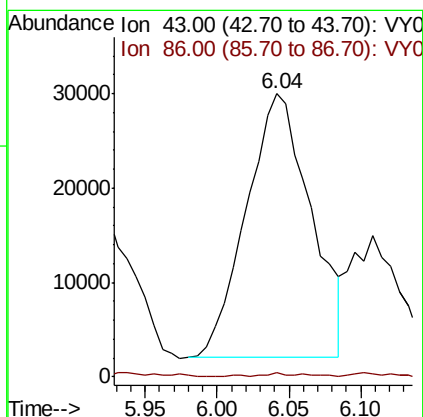
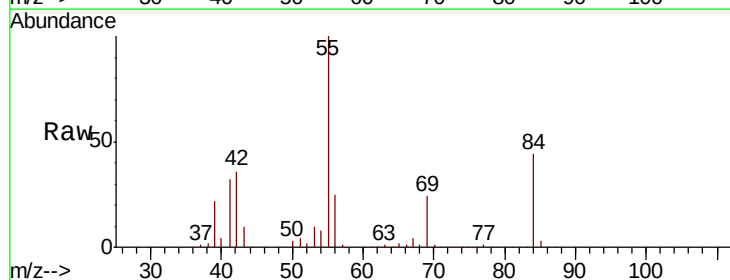
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

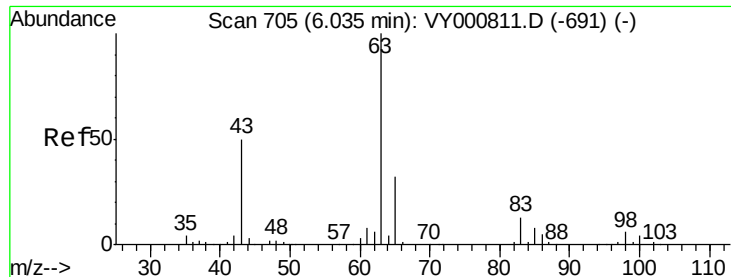
Tot Ion: 84 Resp: 17382
Ion Ratio Lower Upper
84 100
49 139.9 101.3 151.9
51 194.5 30.6 45.8#
86 747.8 51.3 76.9#



#23
Vinyl Acetate
Concen: 14.763 ug/l
RT: 6.04 min Scan# 706
Delta R.T. -0.03 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 86731
Ion Ratio Lower Upper
43 100
86 1.1 8.3 12.5#





#24

1,1-Dichloroethane

Concen: 1.440 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.01 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

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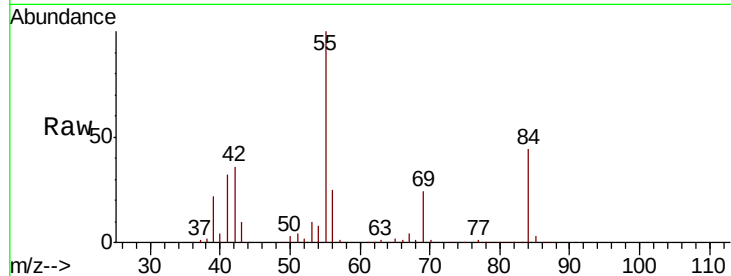
Tot Ion: 63 Resp: 7669

Ion Ratio Lower Upper

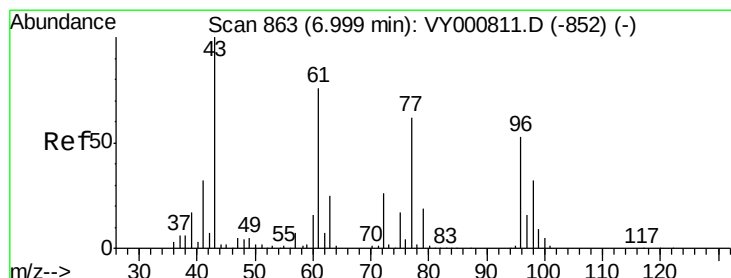
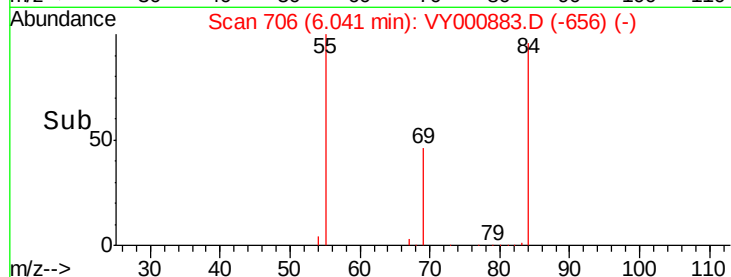
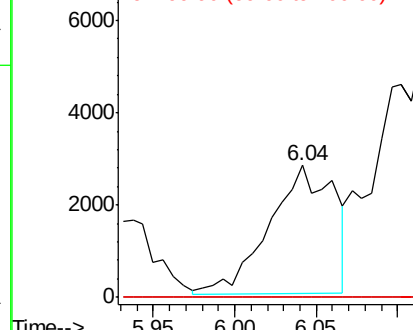
63 100

98 0.0 3.3 9.8#

100 0.0 2.2 6.6#



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



#25

2-Butanone

Concen: 88.315 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000883.D

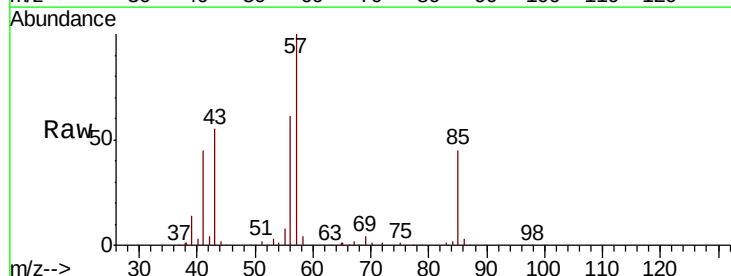
Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 99454

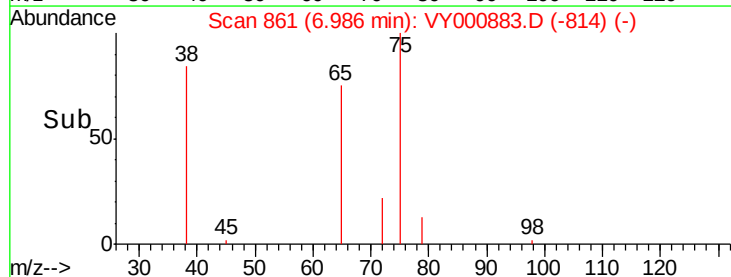
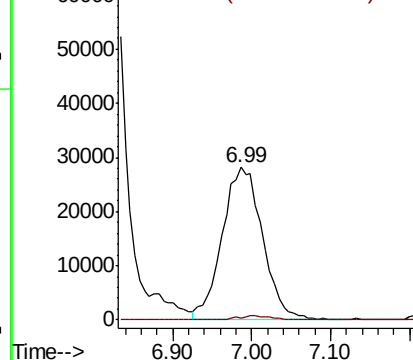
Ion Ratio Lower Upper

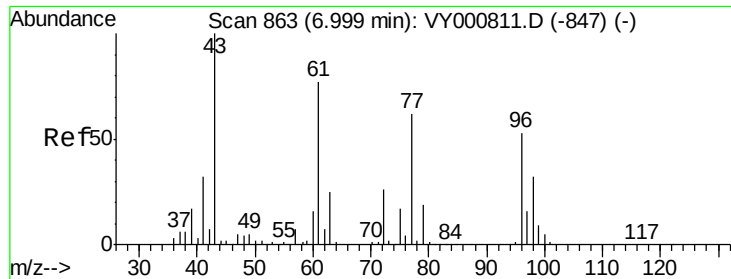
43 100

72 1.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

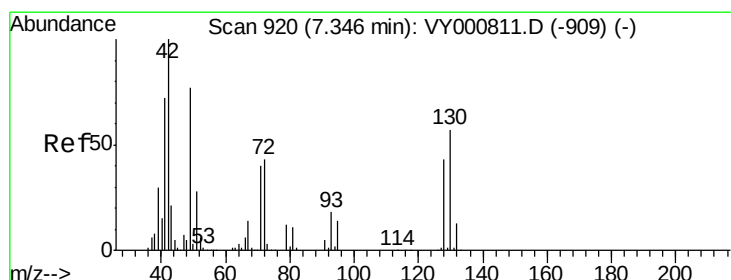
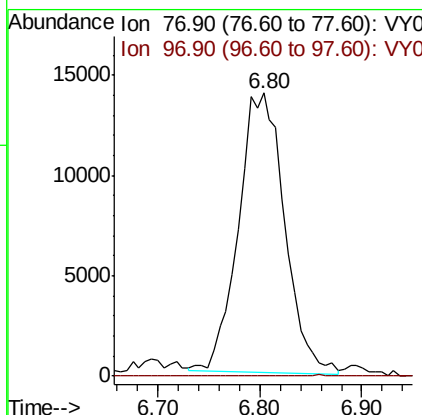
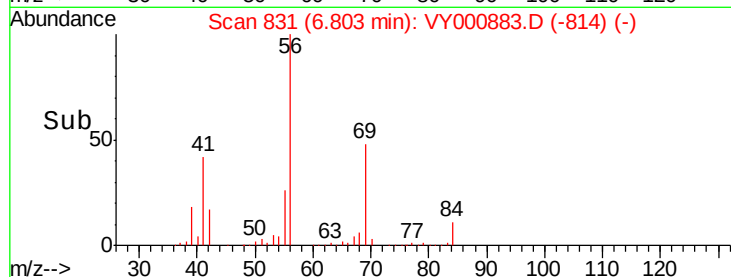
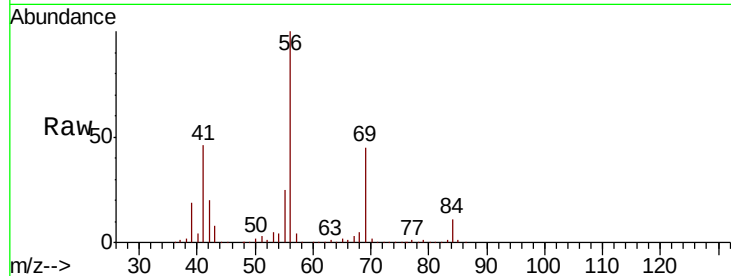




#26
 2,2-Dichloropropane
 Concen: 9.712 ug/l
 RT: 6.80 min Scan# 831
 Delta R.T. -0.20 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

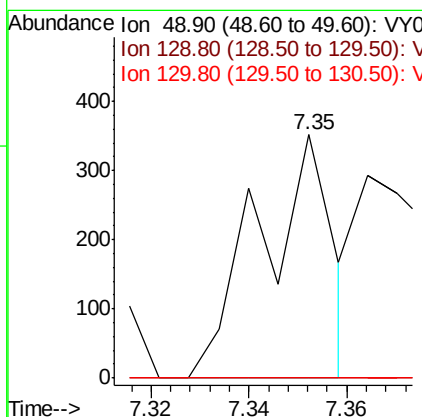
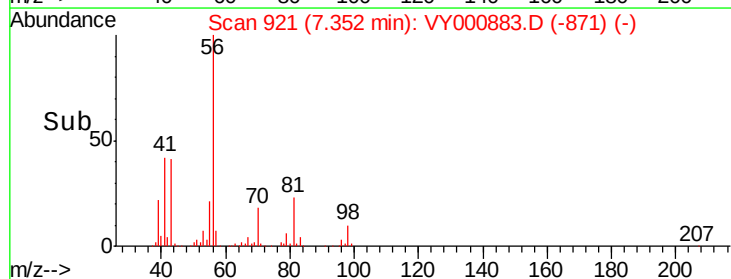
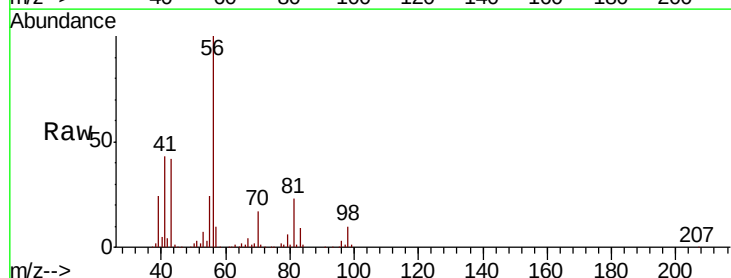
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

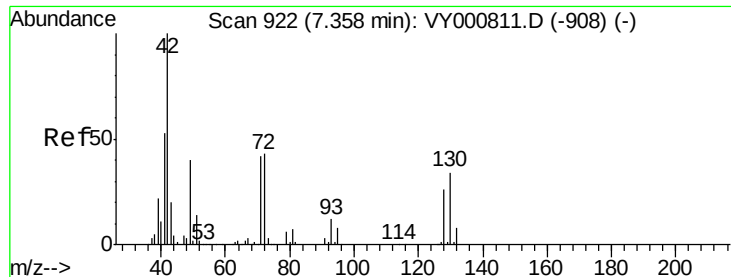
Tot Ion: 77 Resp: 43538
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.9 35.9#



#28
 Bromochloromethane
 Concen: 2.195 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

Tgt Ion: 49 Resp: 365
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.7 88.1#

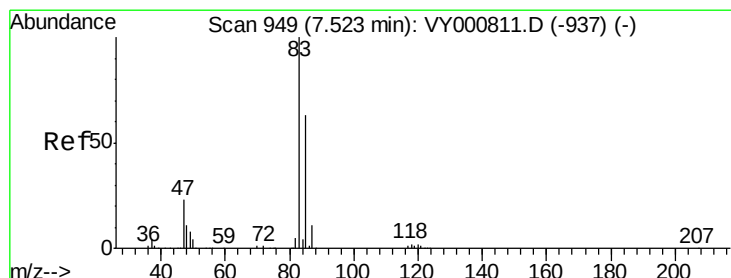
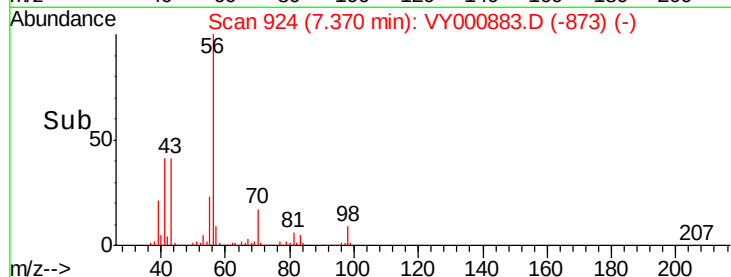
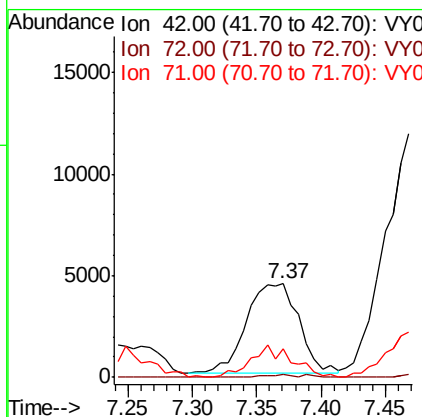
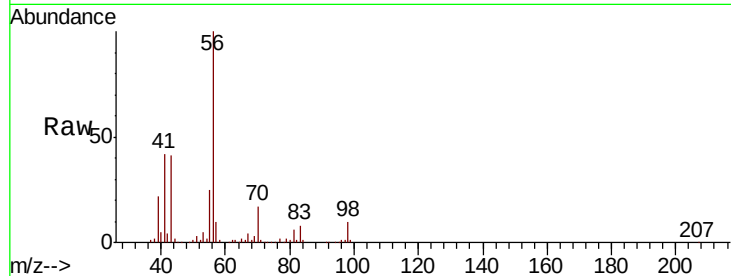




#29
Tetrahydrofuran
Concen: 16.594 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

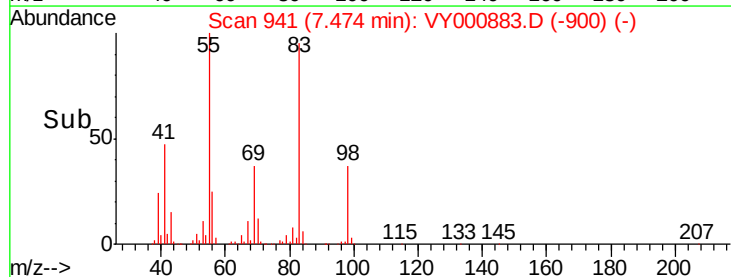
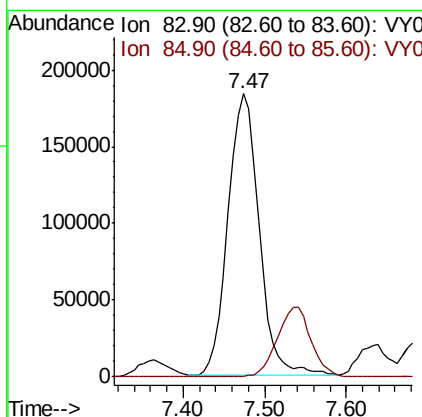
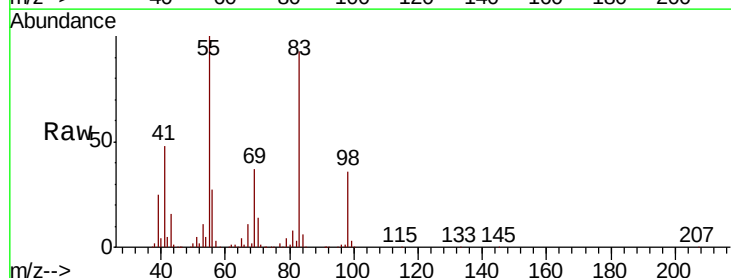
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

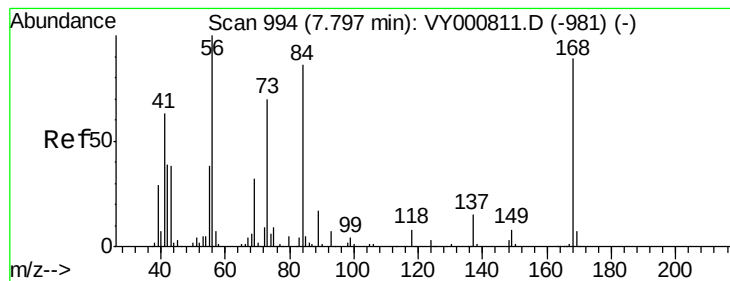
Tot Ion: 42 Resp: 12383
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 32.8 49.2#



#30
Chloroform
Concen: 90.832 ug/l
RT: 7.47 min Scan# 941
Delta R.T. -0.05 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 83 Resp: 485329
Ion Ratio Lower Upper
83 100
85 0.3 50.4 75.6#





#31

Cyclohexane

Concen: 1015.062 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

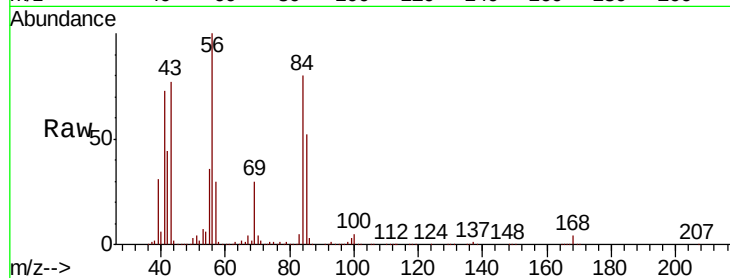
Tot Ion: 56 Resp: 5727381

Ion Ratio Lower Upper

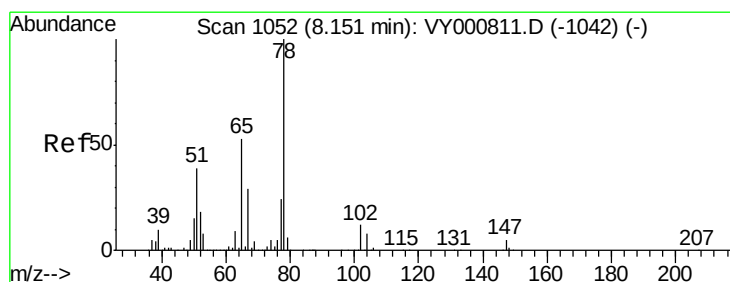
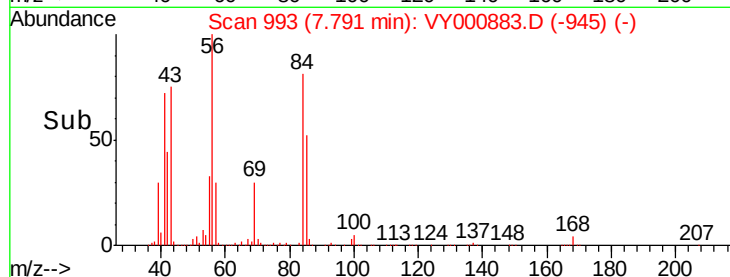
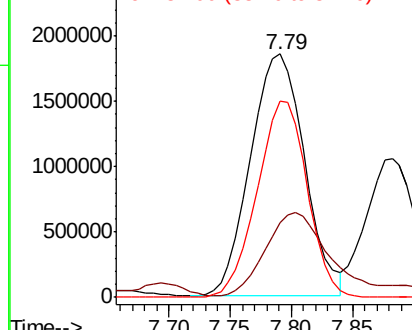
56 100

69 28.2 25.9 38.9

84 80.7 68.6 102.8



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: 49.874 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000883.D

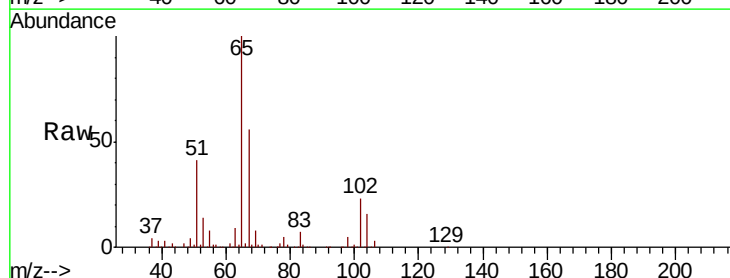
Acq: 05 Dec 2019 15:17

Tgt Ion: 65 Resp: 132539

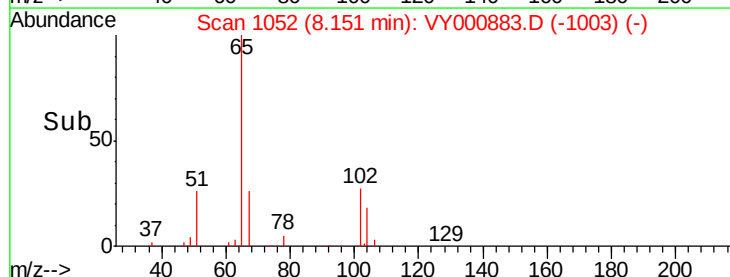
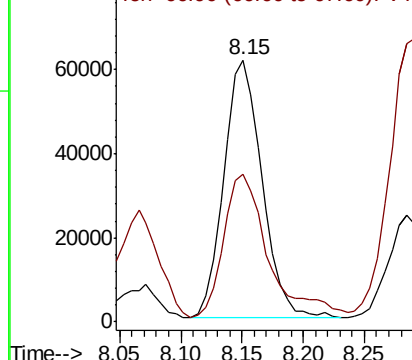
Ion Ratio Lower Upper

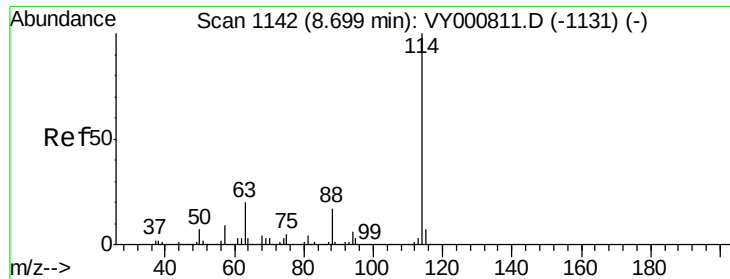
65 100

67 65.6 0.0 112.0



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

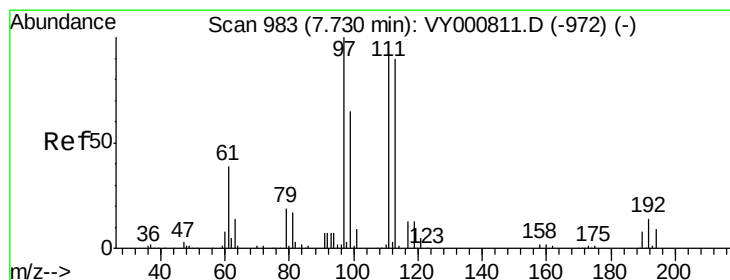
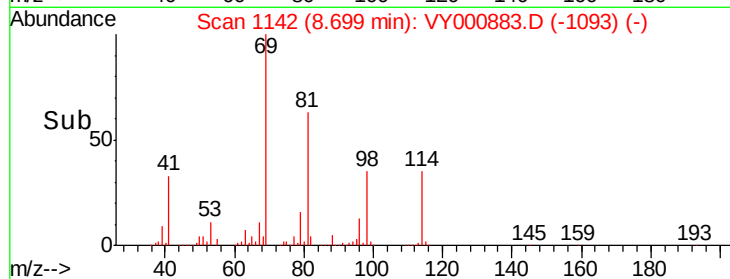
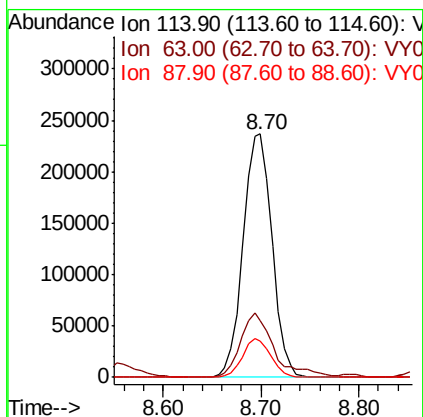
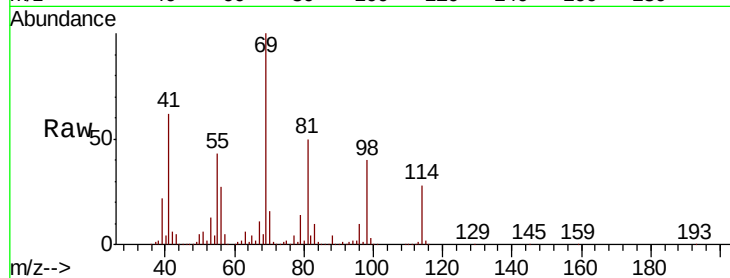




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

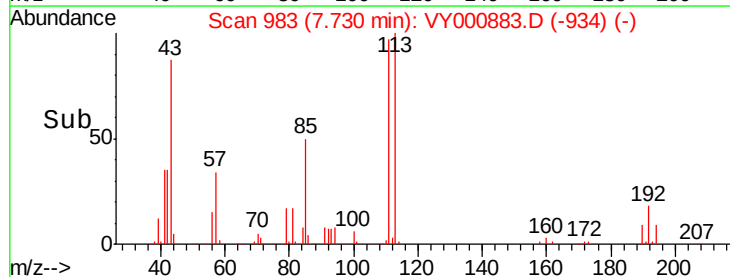
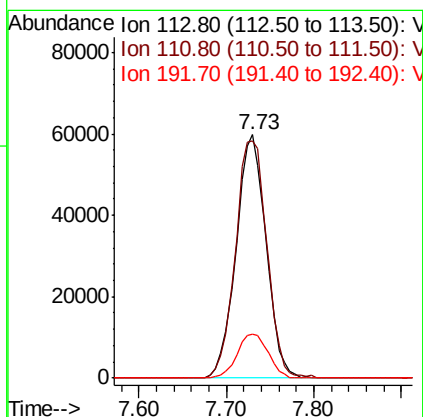
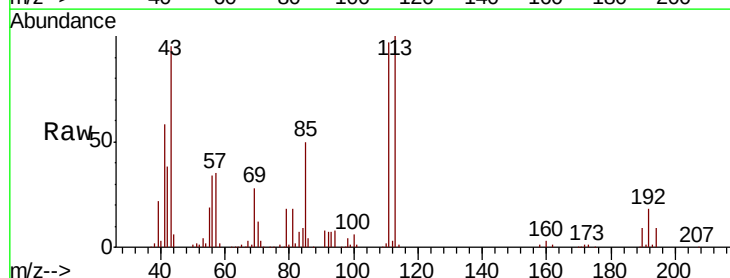
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

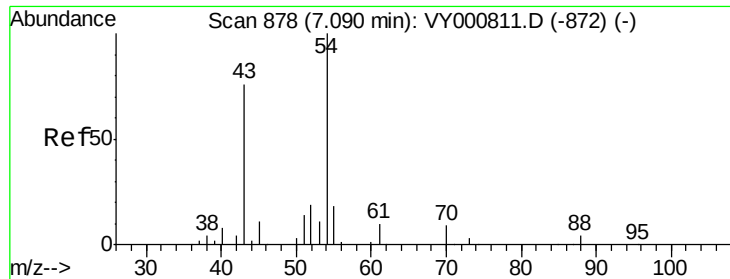
Tot Ion:114 Resp: 484260
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 39.8
 88 15.2 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.384 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

Tgt Ion:113 Resp: 142196
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 18.8 14.2 21.2

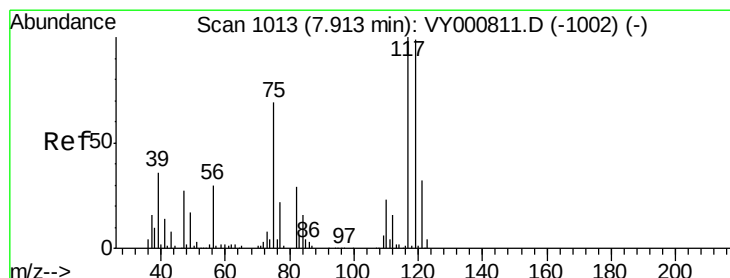
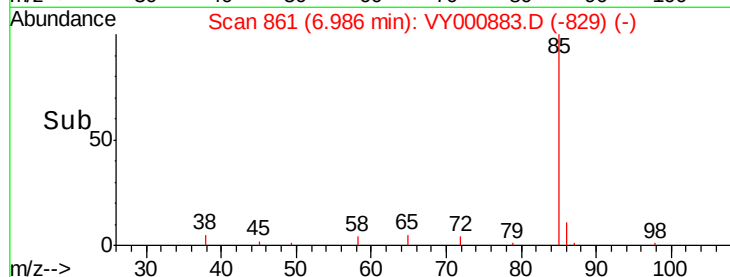
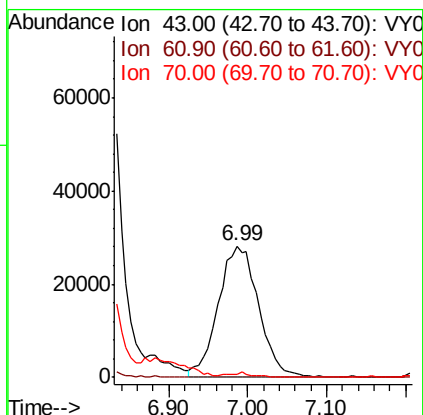
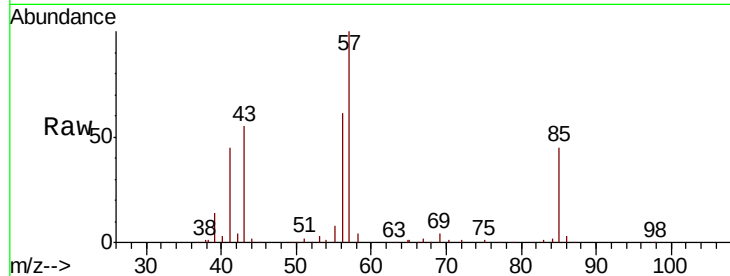




#37
Ethyl Acetate
Concen: 35.772 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.10 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

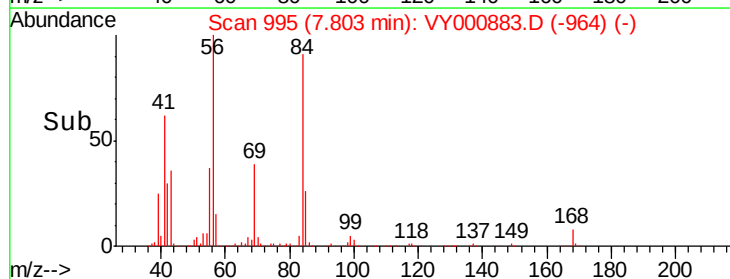
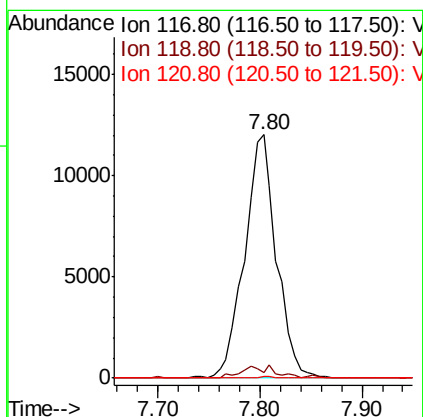
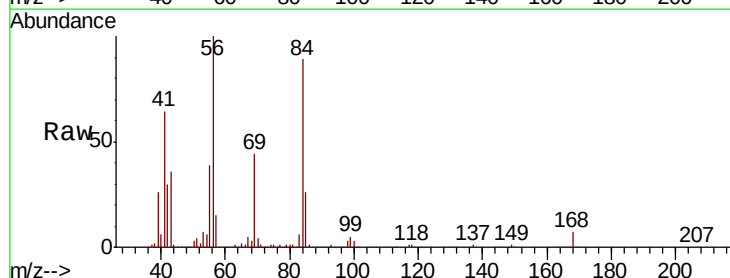
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

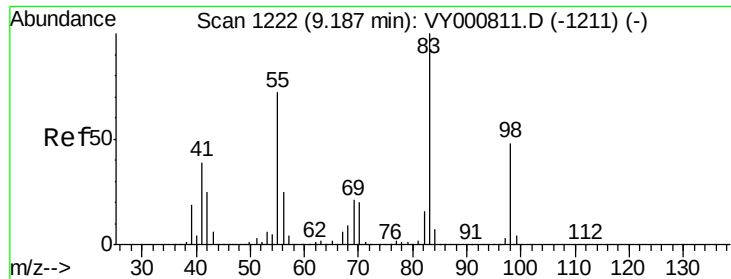
Tot Ion: 43 Resp: 99454
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 2.3 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 117 Resp: 26208
Ion Ratio Lower Upper
117 100
119 2.5 79.3 118.9#
121 0.5 25.5 38.3#

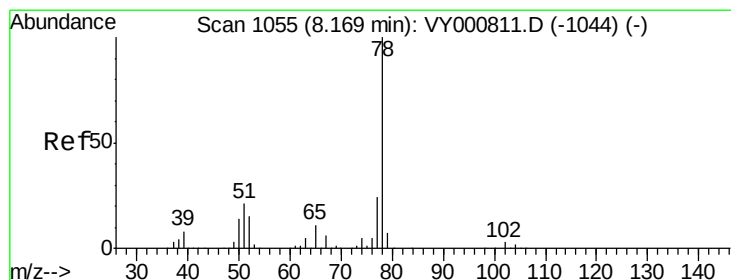
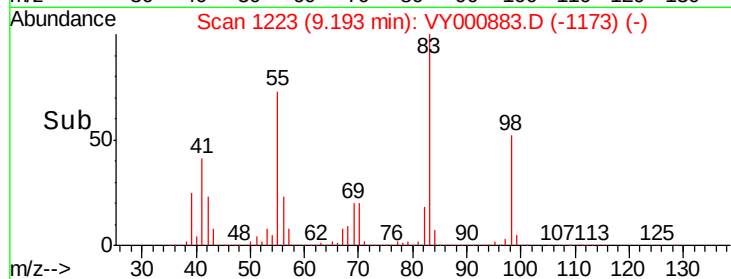
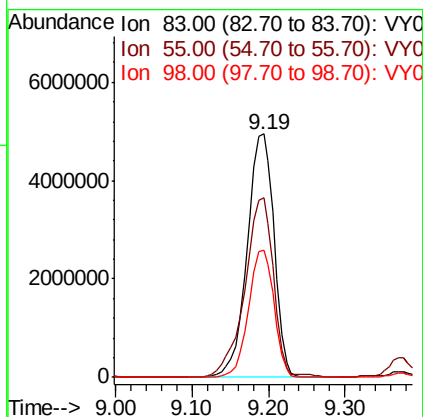
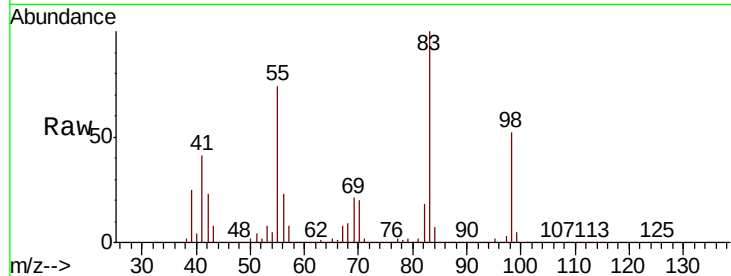




#39
Methylvlcyclohexane
Concen: 1901.057 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

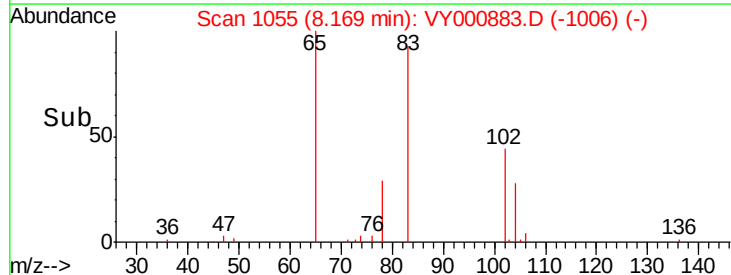
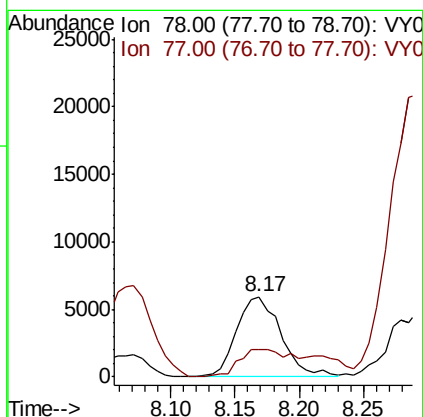
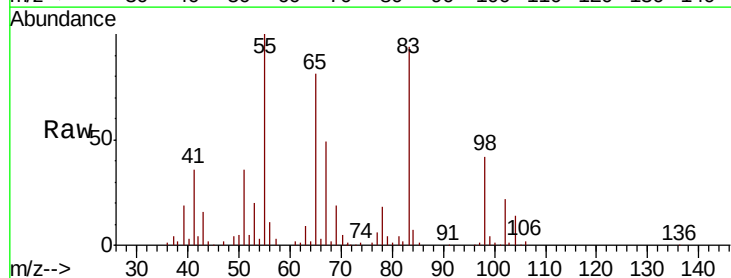
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

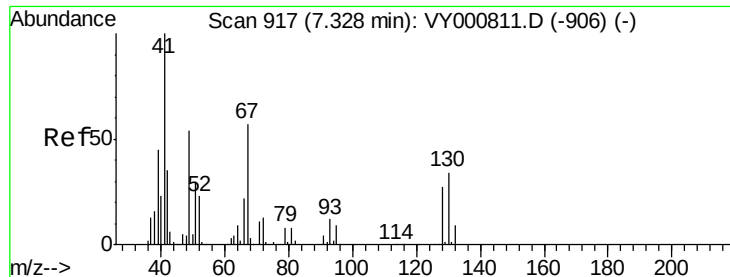
Tot Ion: 83 Resp:12127421
Ion Ratio Lower Upper
83 100
55 73.6 57.8 86.6
98 52.0 38.6 58.0



#40
Benzene
Concen: 1.014 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 78 Resp: 14225
Ion Ratio Lower Upper
78 100
77 34.4 19.2 28.8#

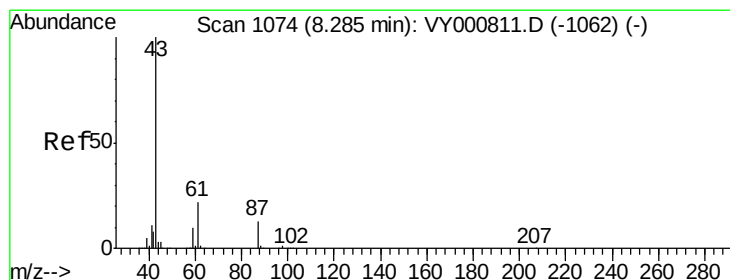
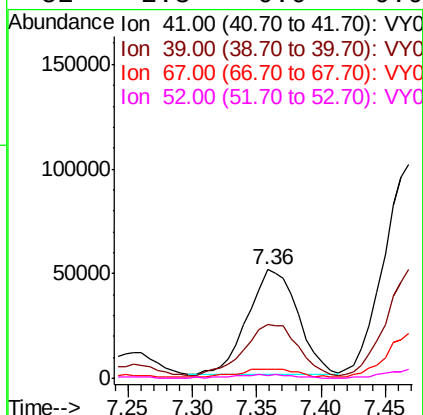
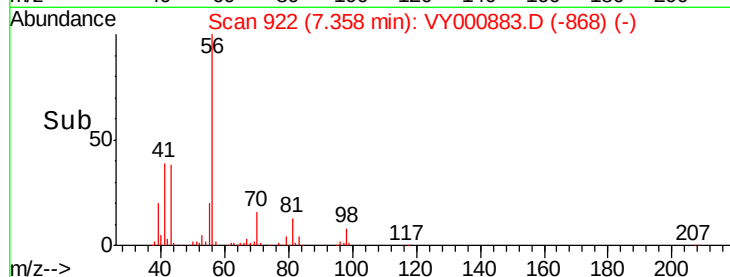
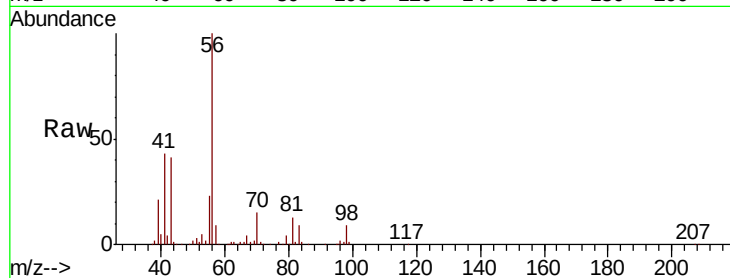




#41
Methacrylonitrile
Concen: 93.034 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

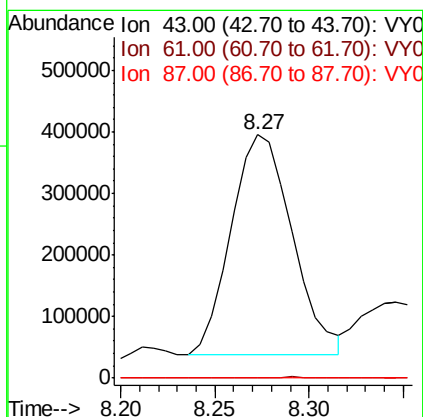
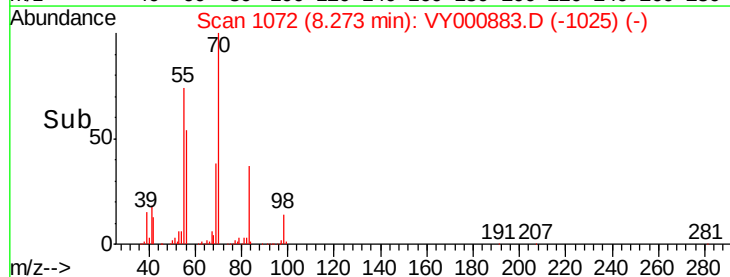
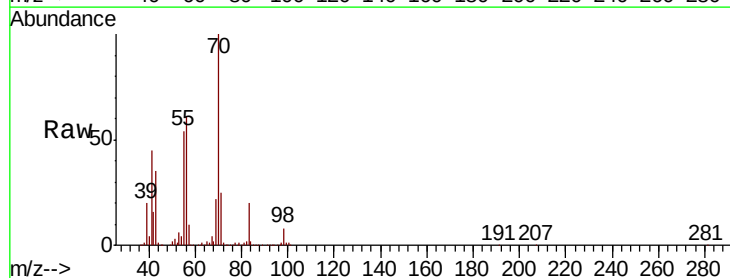
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

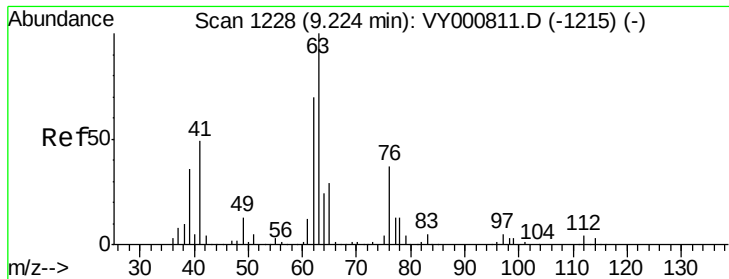
Tot Ion: 41 Resp: 136326
Ion Ratio Lower Upper
41 100
39 52.0 95.7 143.5#
67 9.9 0.0 0.0#
52 2.3 0.0 0.0#



#43
Isopropyl Acetate
Concen: 154.202 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 807914
Ion Ratio Lower Upper
43 100
61 0.4 23.7 35.5#
87 0.0 10.6 15.8#





#45

1,2-Dichloropropane

Concen: 39.505 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

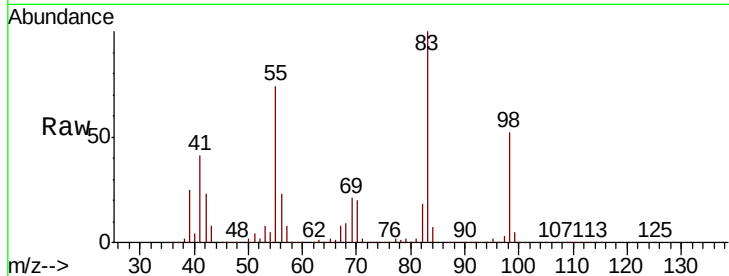
SOLID-COMP

Tot Ion: 63 Resp: 139174

Ion Ratio Lower Upper

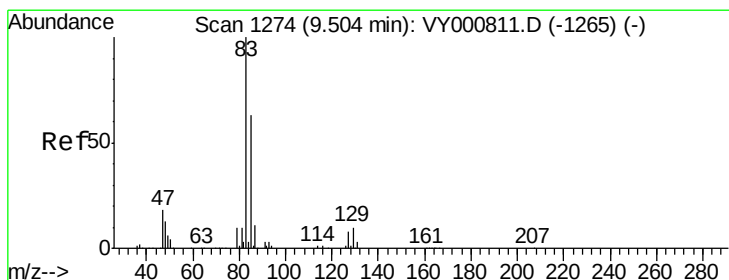
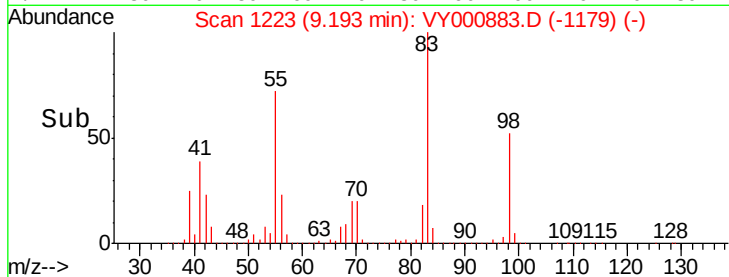
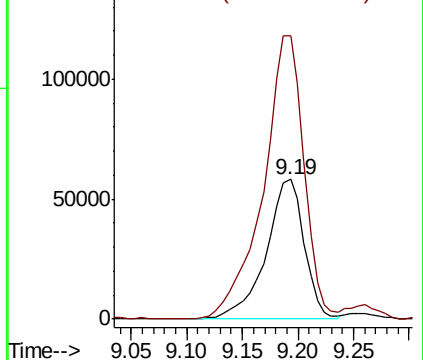
63 100

65 202.6 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#47

Bromodichloromethane

Concen: 135.262 ug/l

RT: 9.49 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

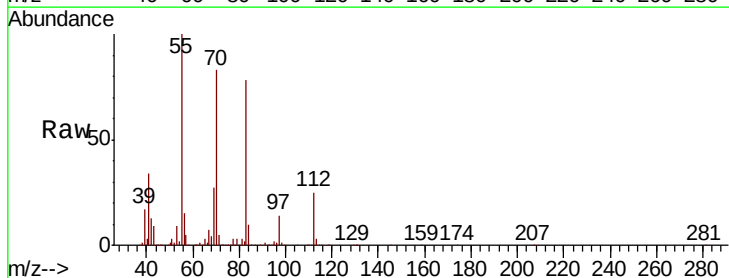
Tgt Ion: 83 Resp: 584882

Ion Ratio Lower Upper

83 100

85 0.4 50.8 76.2#

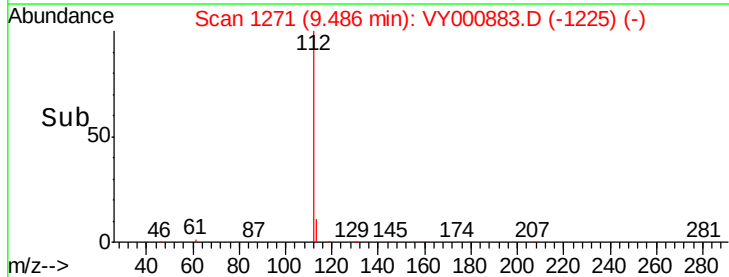
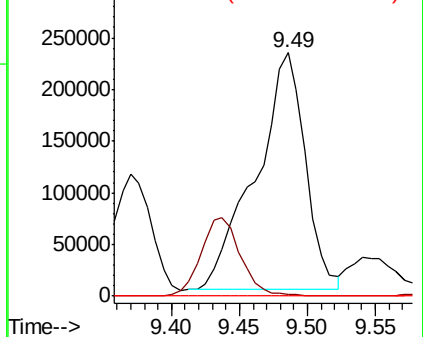
127 0.0 6.6 10.0#

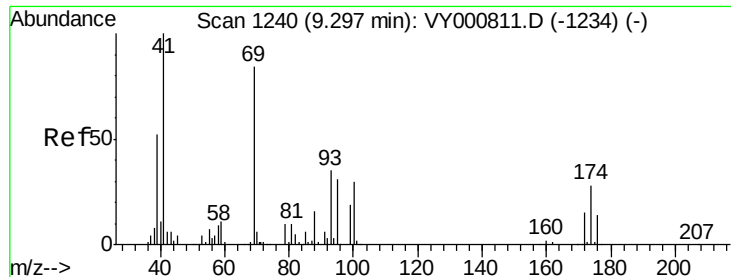


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V

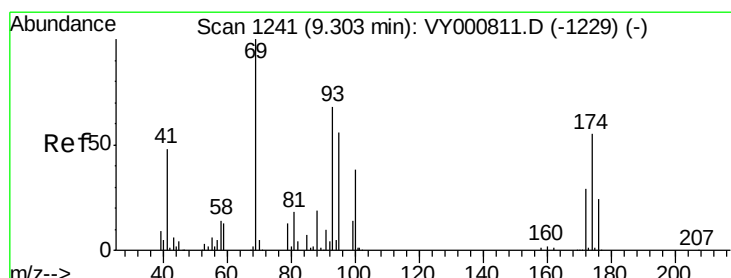
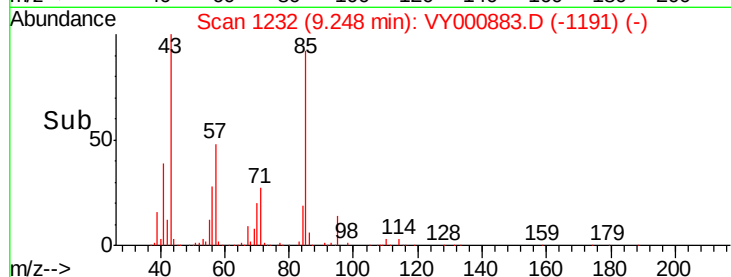
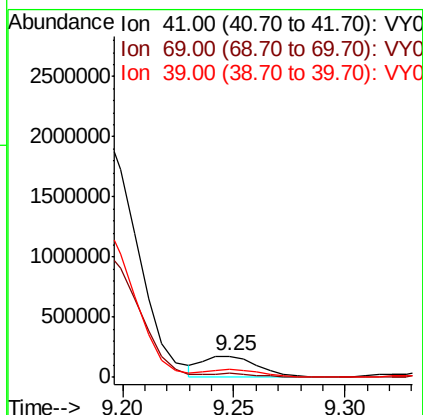
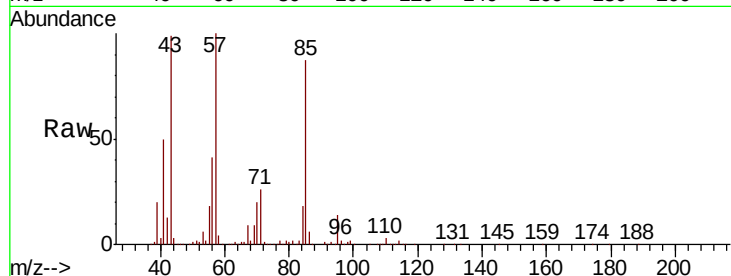




#48
Methvl methacrylate
Concen: 126.490 ug/l
RT: 9.25 min Scan# 1232
Delta R.T. -0.05 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

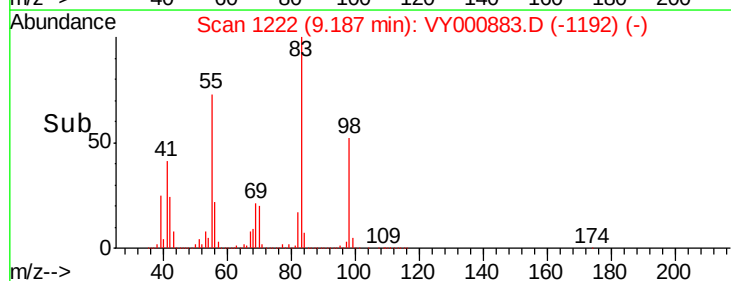
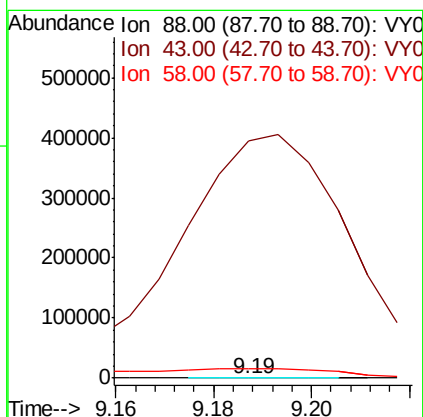
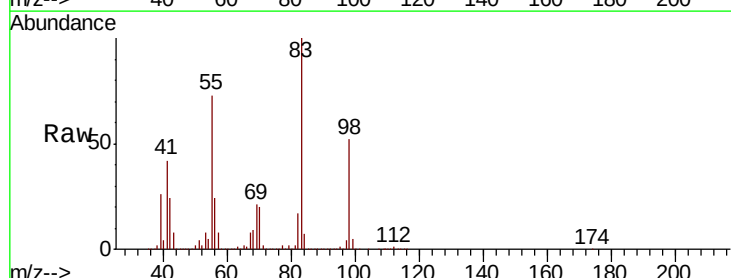
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

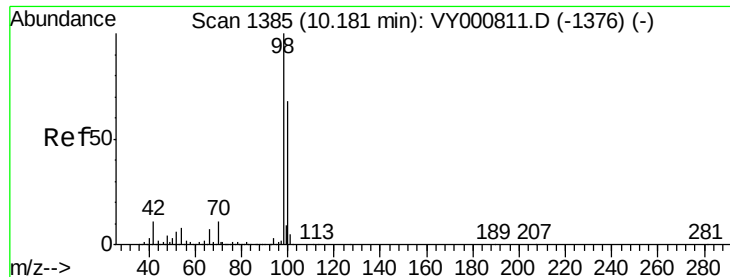
Tot Ion: 41 Resp: 291422
Ion Ratio Lower Upper
41 100
69 0.0 70.4 105.6#
39 39.2 40.9 61.3#



#49
1,4-Dioxane
Concen: 4.294 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.12 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 909332.1 21.1 31.7#
58 49504.5 50.7 76.1#





#50

Toluene-d8

Concen: 86.123 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

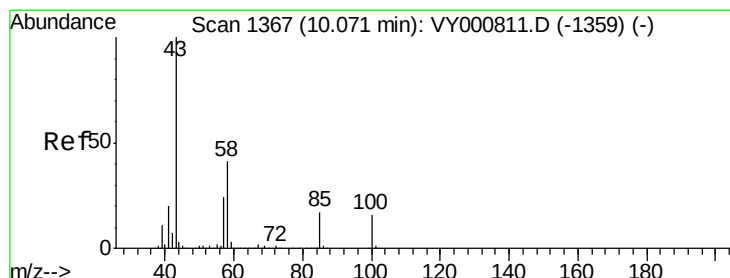
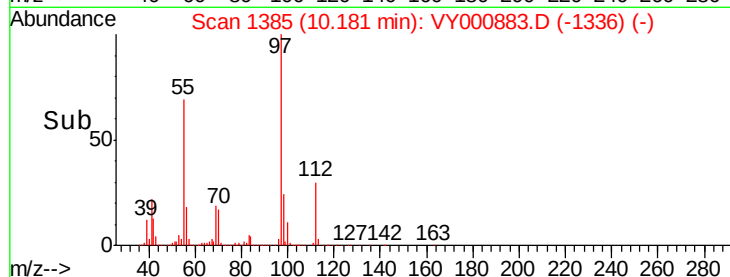
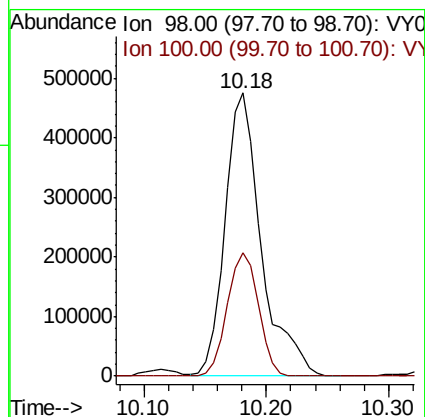
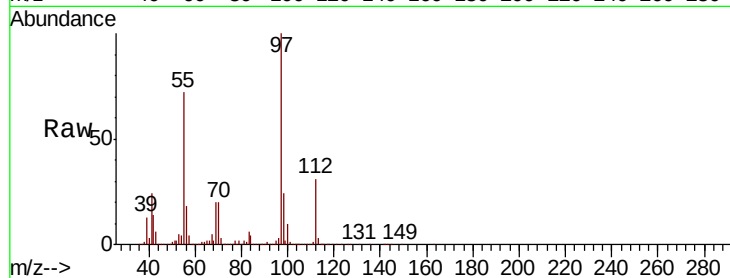
SOLID-COMP

Tot Ion: 98 Resp: 971747

Ion Ratio Lower Upper

98 100

100 37.5 53.1 79.7#



#51

4-Methyl-2-Pentanone

Concen: 85.066 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY000883.D

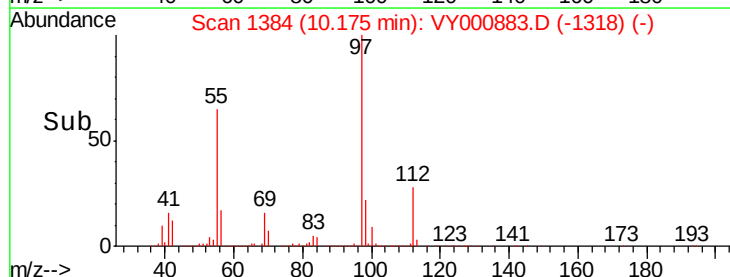
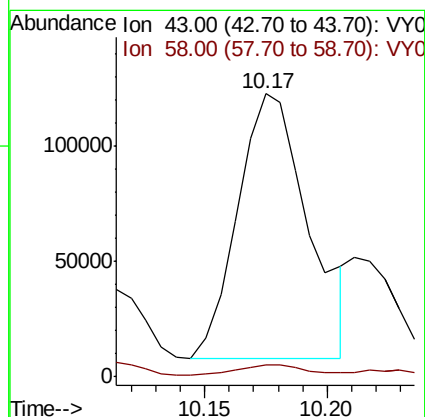
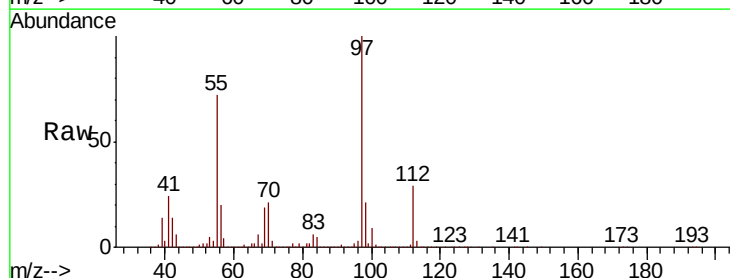
Acq: 05 Dec 2019 15:17

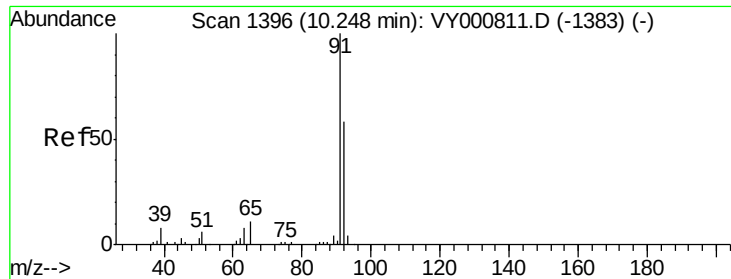
Tgt Ion: 43 Resp: 230275

Ion Ratio Lower Upper

43 100

58 3.8 33.1 49.7#





#52

Toluene

Concen: 3.080 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

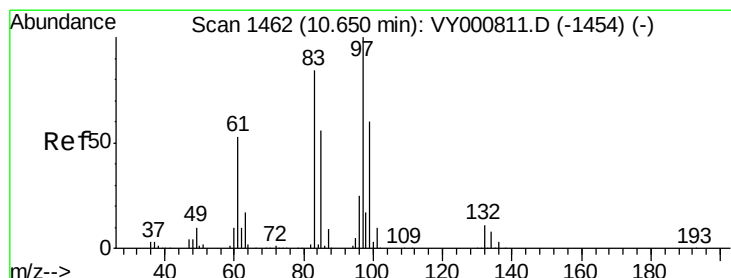
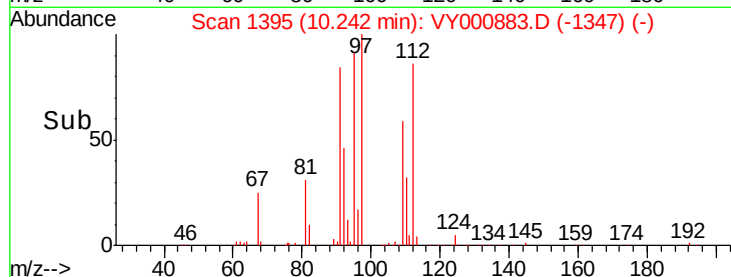
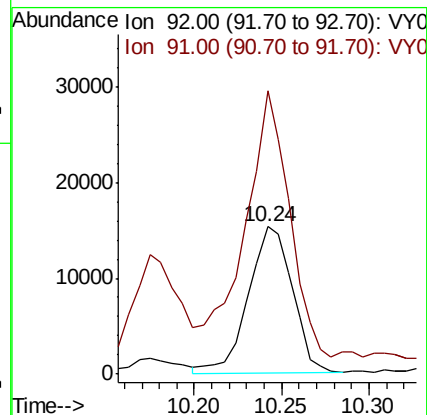
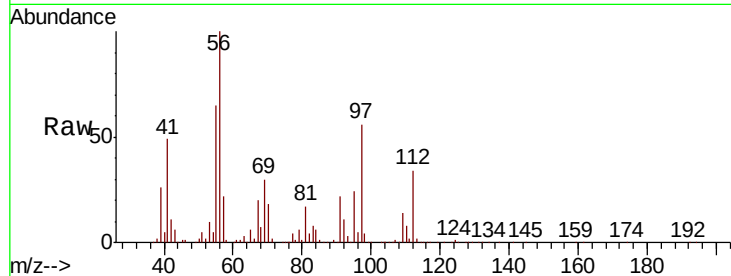
SOLID-COMP

Tot Ion: 92 Resp: 26748

Ion Ratio Lower Upper

92 100

91 182.1 136.6 204.8



#55

1,1,2-Trichloroethane

Concen: 454.054 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.03 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Tgt Ion: 97 Resp: 1234797

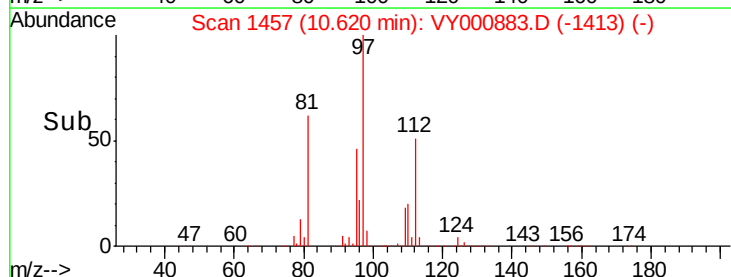
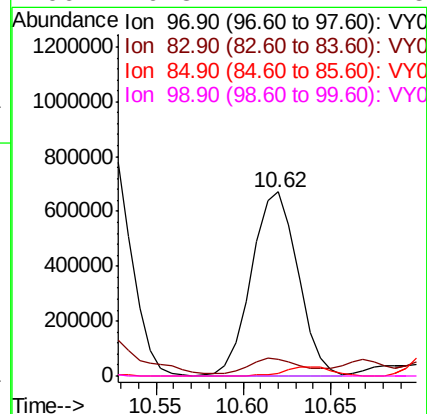
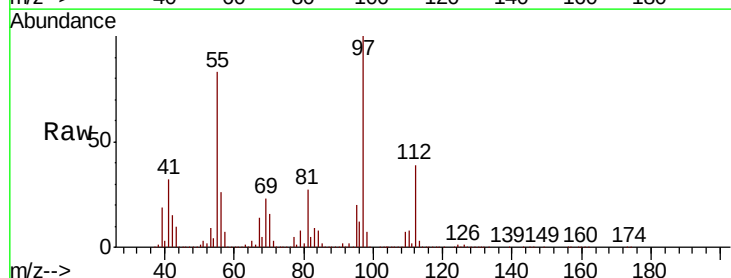
Ion Ratio Lower Upper

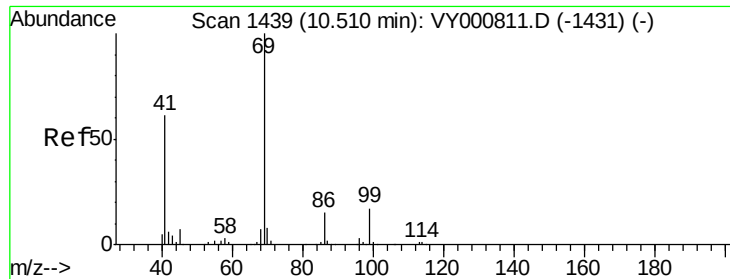
97 100

83 6.8 67.5 101.3#

85 1.7 44.5 66.7#

99 0.3 47.7 71.5#

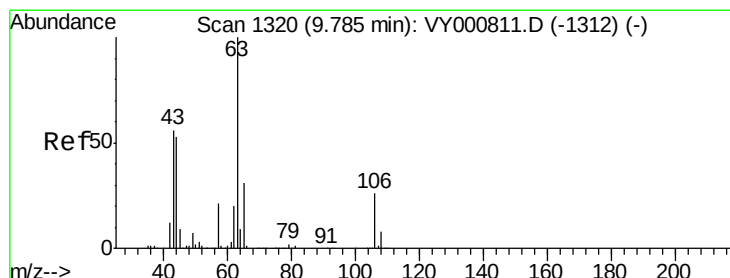
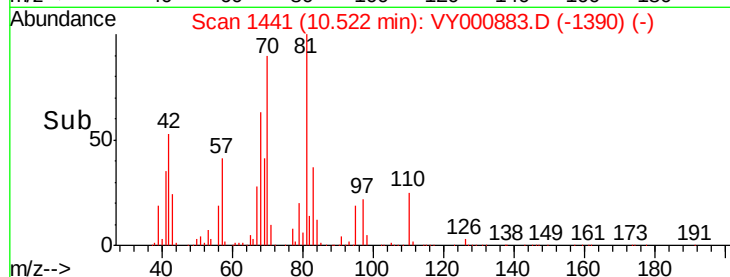
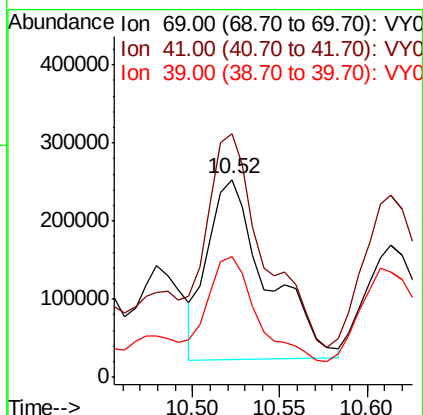
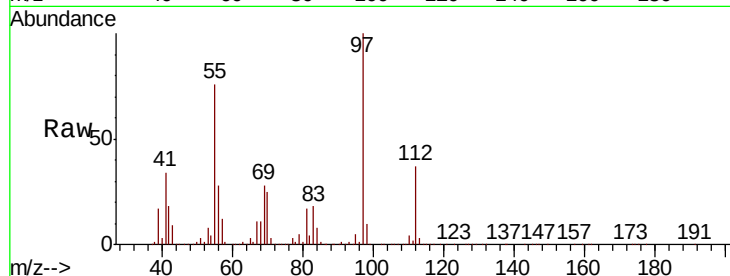




#56
Ethyl methacrylate
Concen: 139.681 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

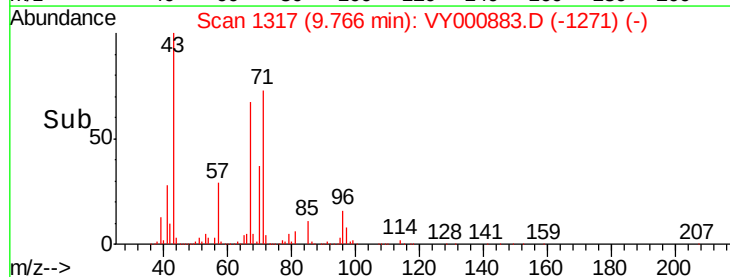
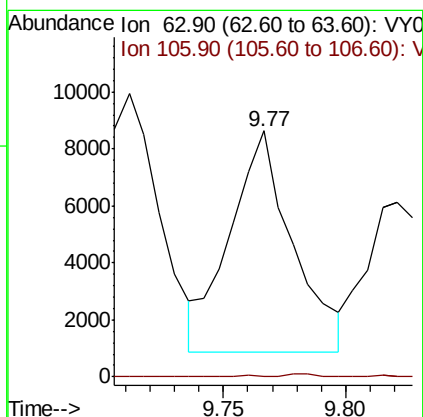
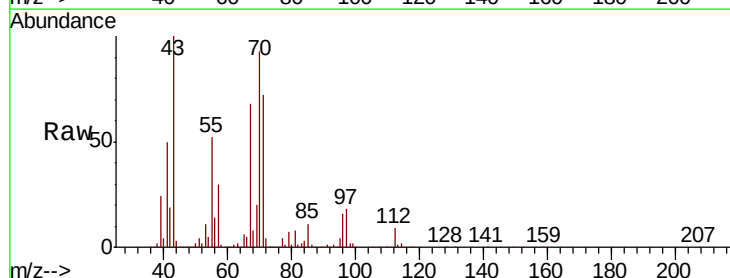
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

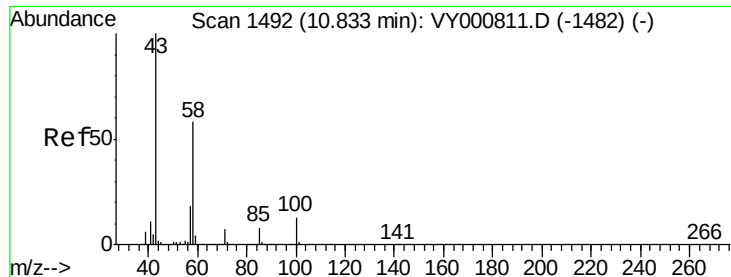
Tot Ion: 69 Resp: 543408
Ion Ratio Lower Upper
69 100
41 127.6 49.0 73.6#
39 57.1 23.1 34.7#



#58
2-Chloroethyl Vinyl ether
Concen: 8.841 ug/l
RT: 9.77 min Scan# 1317
Delta R.T. -0.02 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 63 Resp: 13869
Ion Ratio Lower Upper
63 100
106 0.2 21.5 32.3#





#59

2-Hexanone

Concen: 344.232 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.03 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

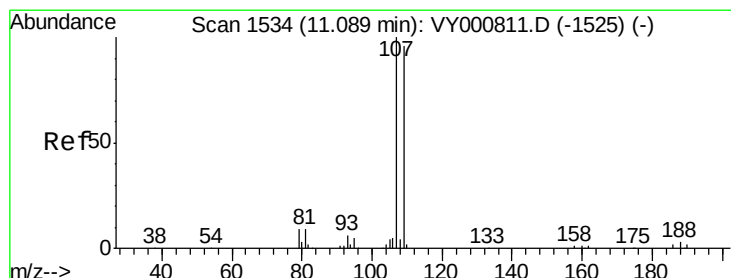
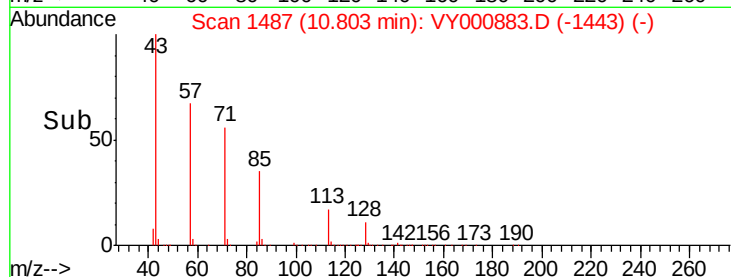
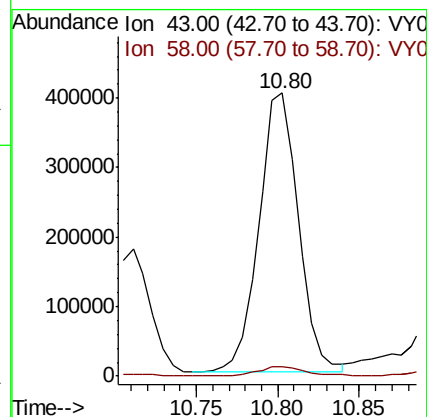
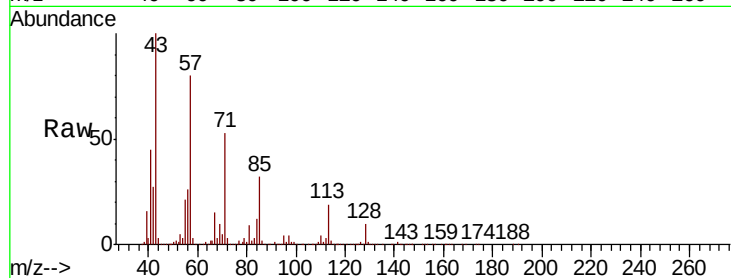
SOLID-COMP

Tot Ion: 43 Resp: 679016

Ion Ratio Lower Upper

43 100

58 4.2 29.0 87.1#



#61

1,2-Dibromoethane

Concen: 1.712 ug/l

RT: 11.06 min Scan# 1529

Delta R.T. -0.03 min

Lab File: VY000883.D

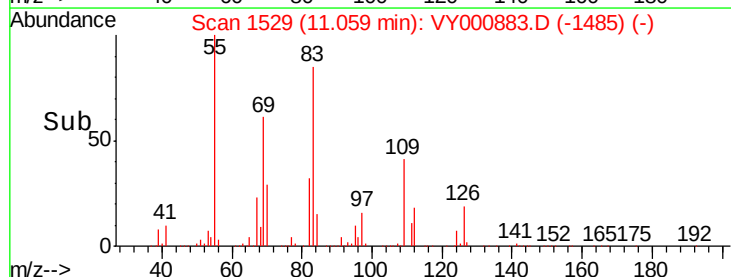
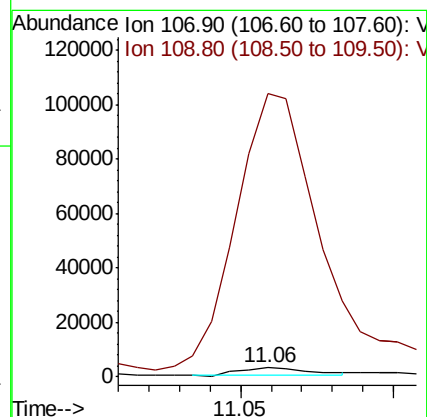
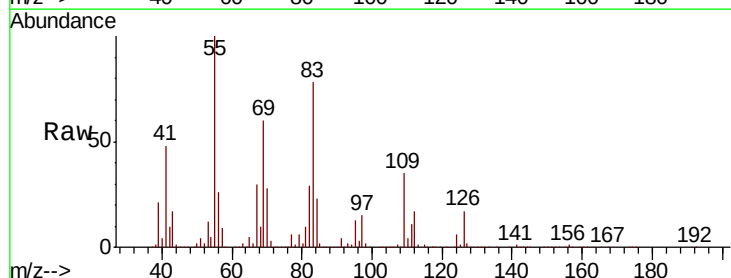
Acq: 05 Dec 2019 15:17

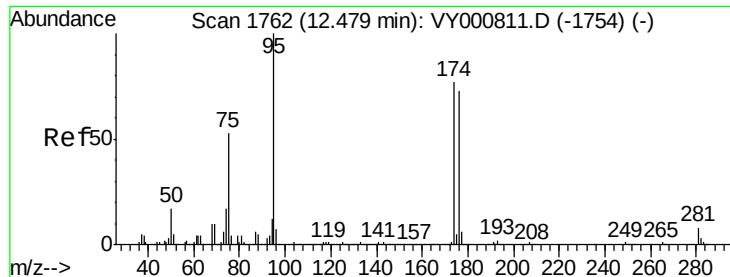
Tgt Ion: 107 Resp: 4389

Ion Ratio Lower Upper

107 100

109 4523.1 75.9 113.9#

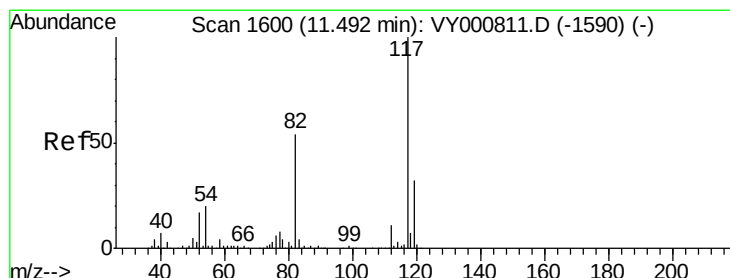
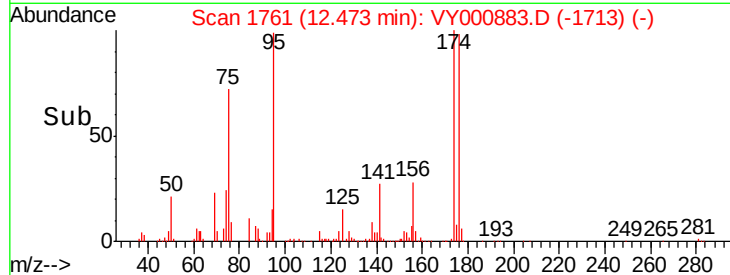
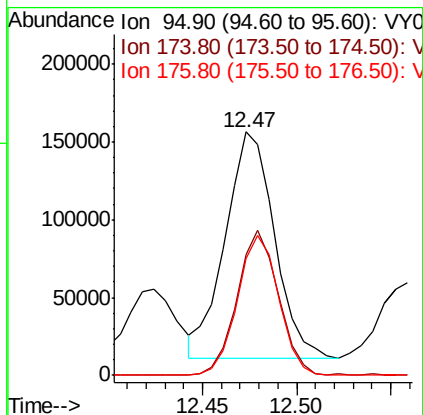
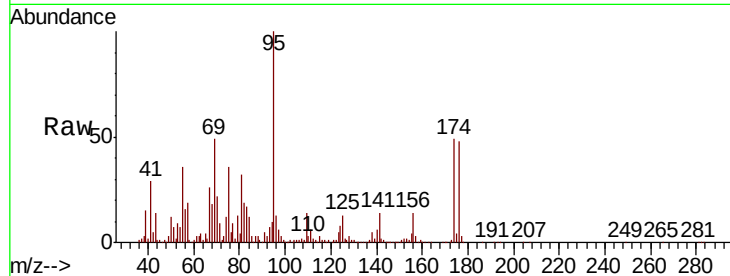




#62
4-Bromofluorobenzene
Concen: 61.764 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

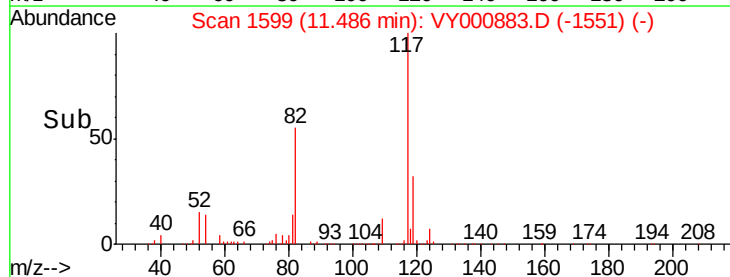
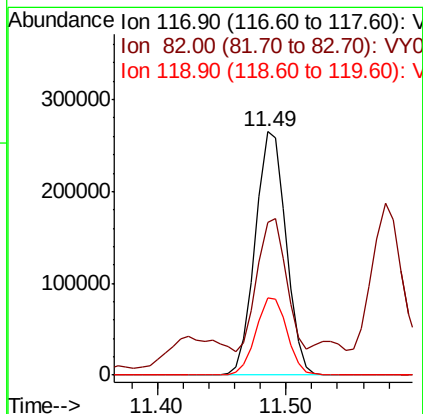
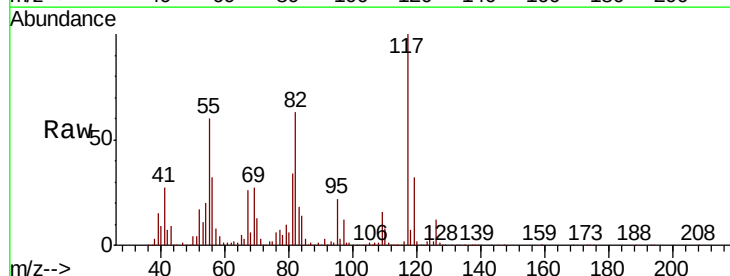
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

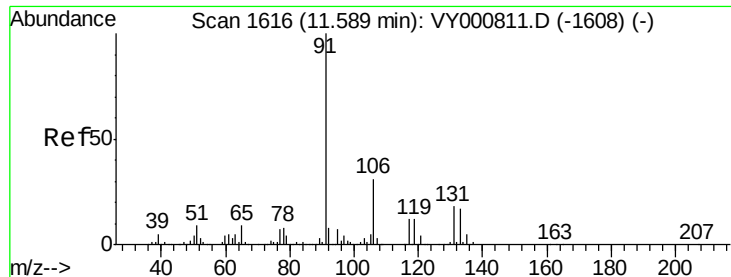
Tot Ion	Ratio	Lower	Upper
95	100		
174	53.7	0.0	150.6
176	52.1	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.1	64.7
119	31.6	25.3	37.9





#67

Ethyl Benzene

Concen: 79.466 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

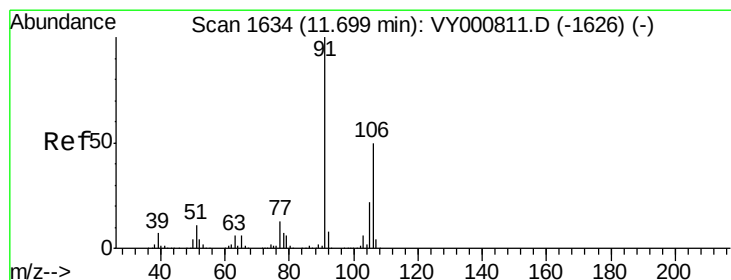
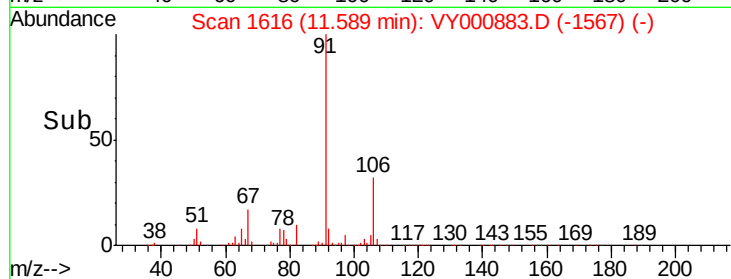
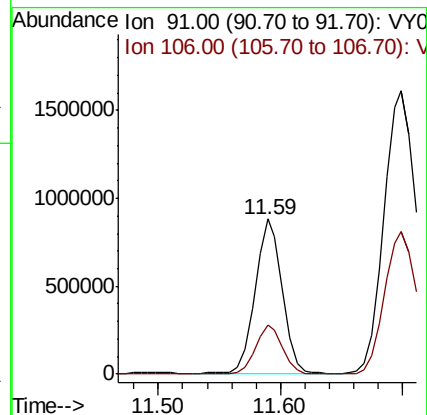
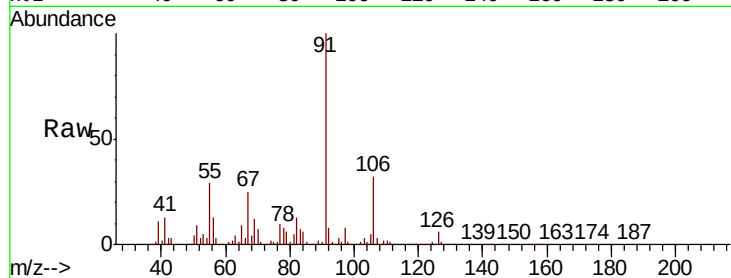
SOLID-COMP

Tot Ion: 91 Resp: 1345666

Ion Ratio Lower Upper

91 100

106 31.9 24.4 36.6



#68

m/p-Xylenes

Concen: 232.874 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000883.D

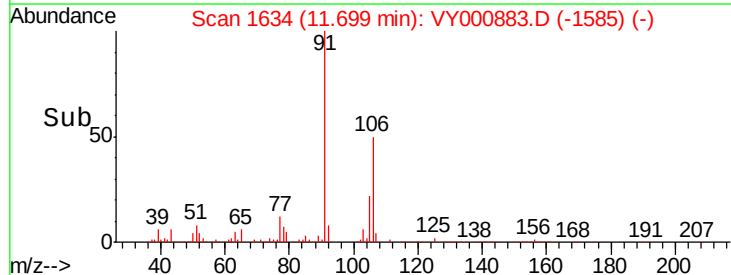
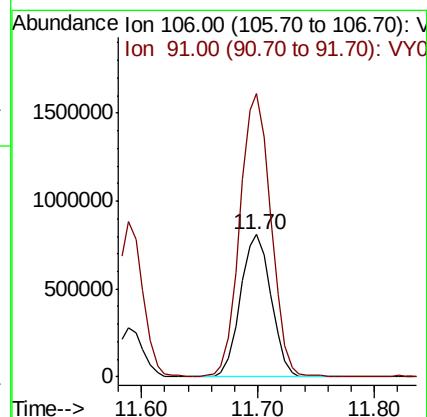
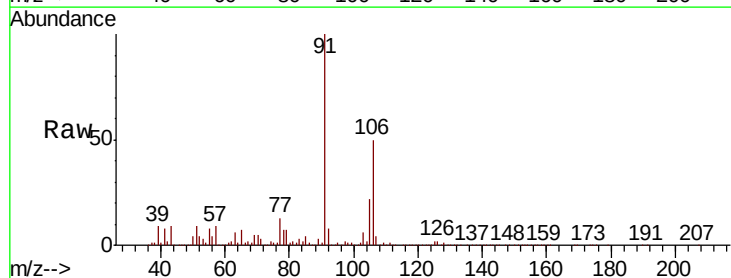
Acq: 05 Dec 2019 15:17

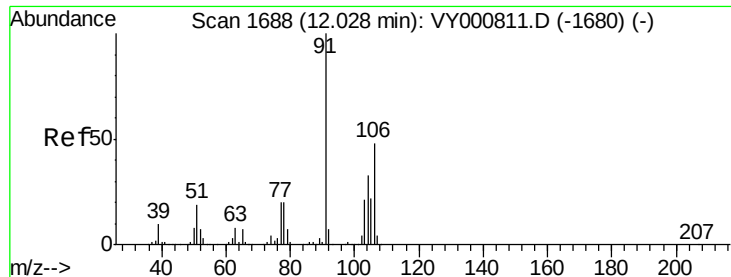
Tgt Ion: 106 Resp: 1480148

Ion Ratio Lower Upper

106 100

91 201.0 159.6 239.4

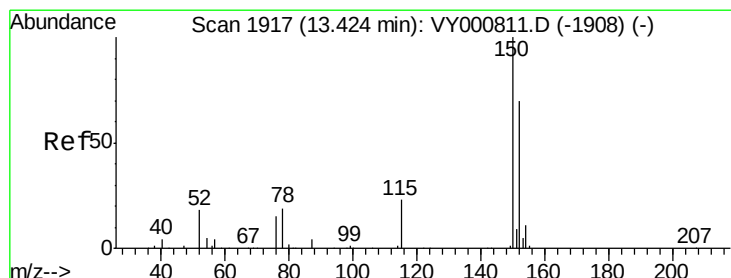
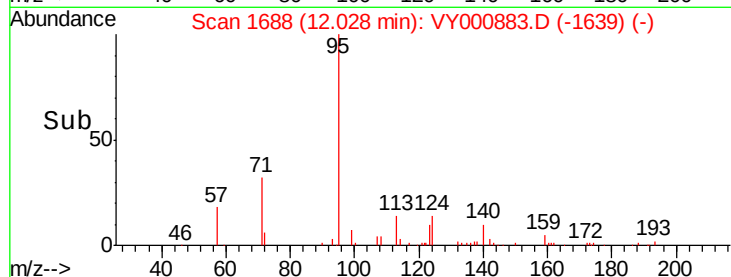
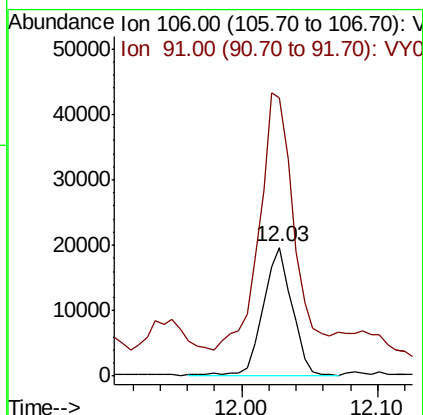
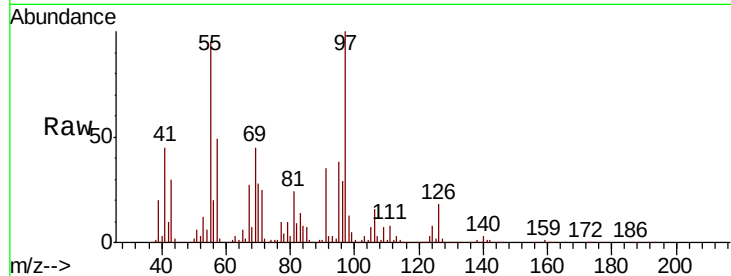




#69
o-Xylene
Concen: 4.879 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

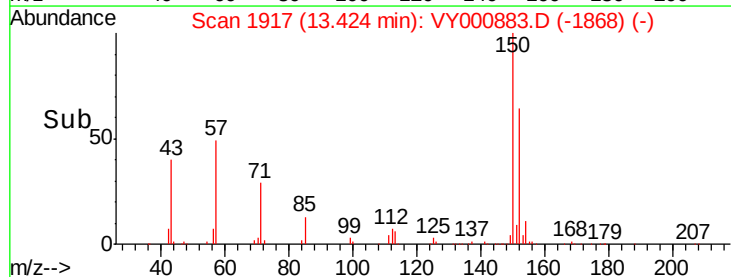
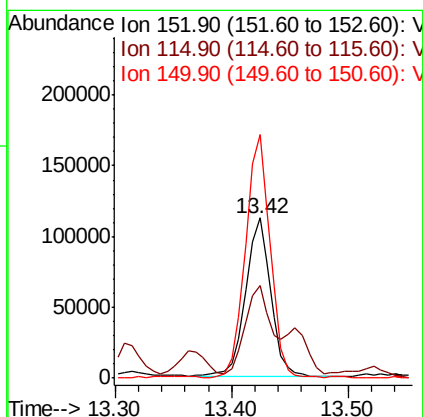
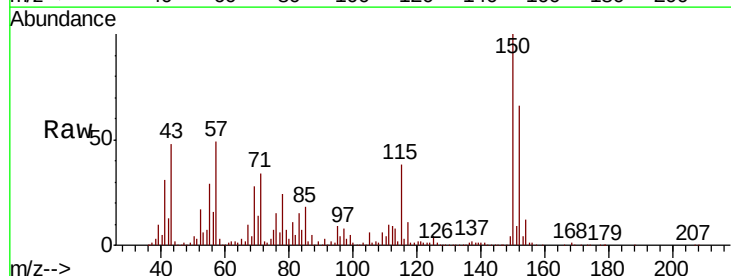
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

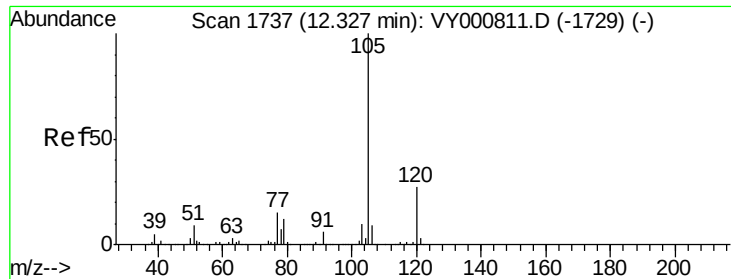
Tot Ion:106 Resp: 28914
Ion Ratio Lower Upper
106 100
91 237.9 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion:152 Resp: 170367
Ion Ratio Lower Upper
152 100
115 57.9 29.3 87.8
150 148.0 0.0 351.2





#73

Isopropylbenzene

Concen: 73.881 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

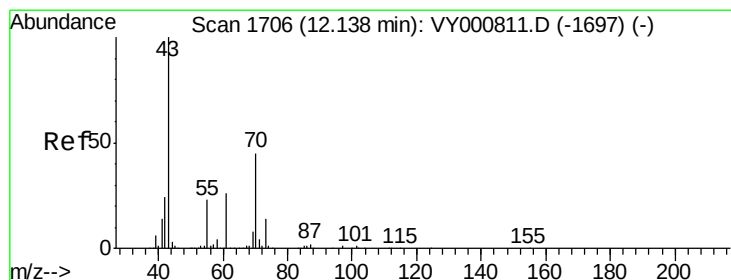
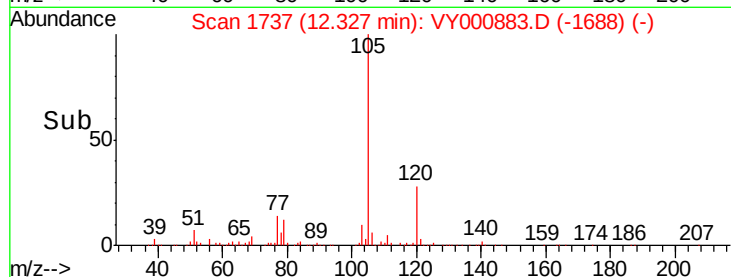
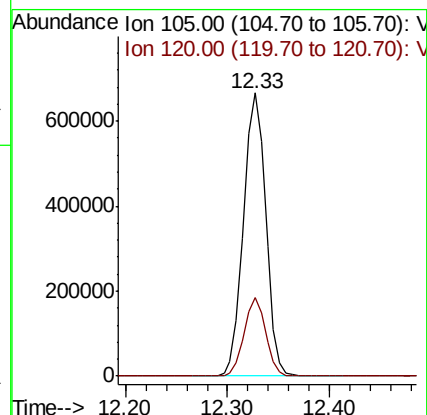
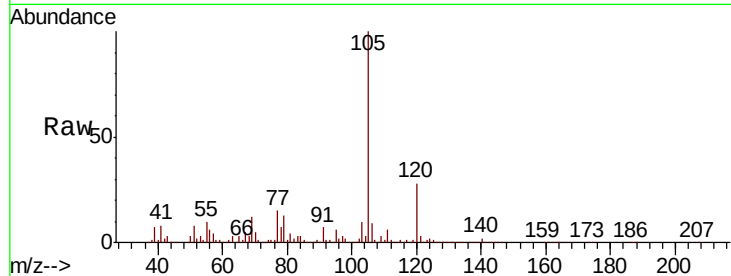
SOLID-COMP

Tot Ion:105 Resp: 1002199

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 68.143 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Tgt Ion: 43 Resp: 257284

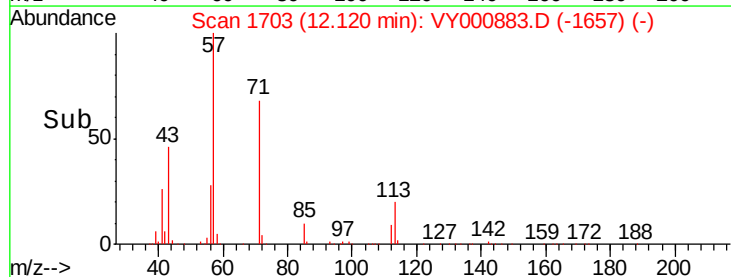
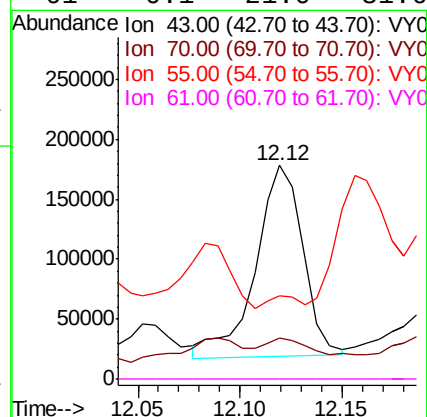
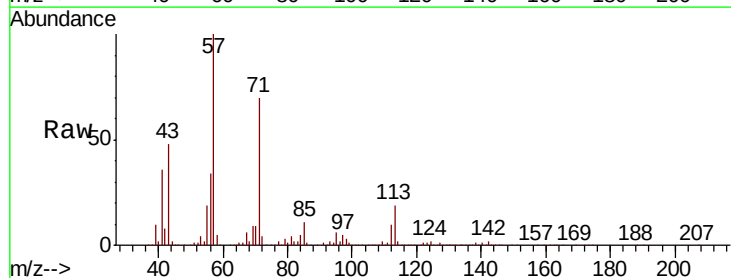
Ion Ratio Lower Upper

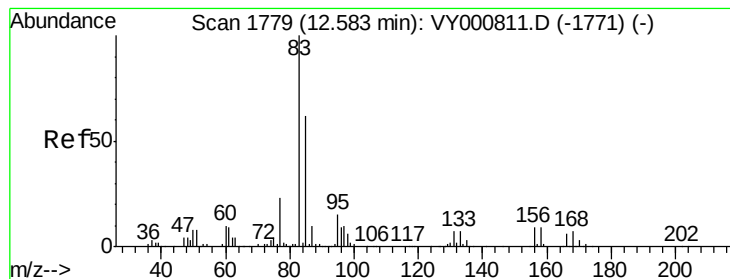
43 100

70 7.0 36.6 54.8#

55 0.0 18.8 28.2#

61 0.1 21.0 31.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.980 ug/l

RT: 12.56 min Scan# 1775

Delta R.T. -0.02 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

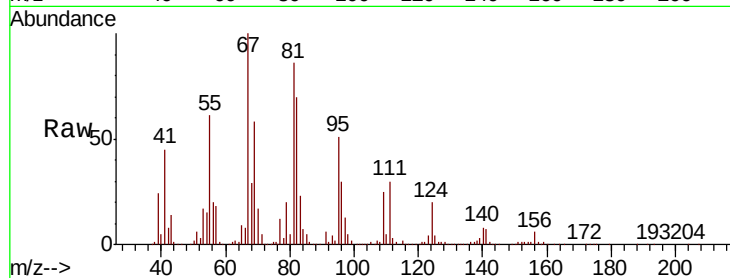
Tot Ion: 83 Resp: 21328

Ion Ratio Lower Upper

83 100

131 1.3 4.3 13.1#

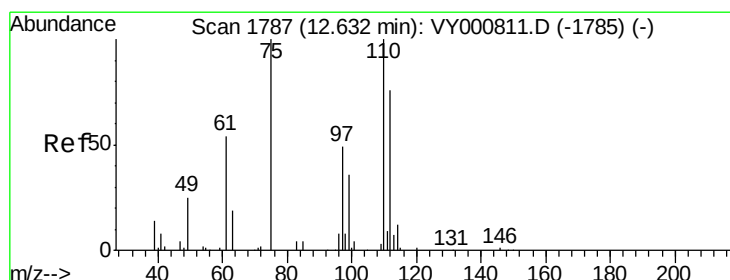
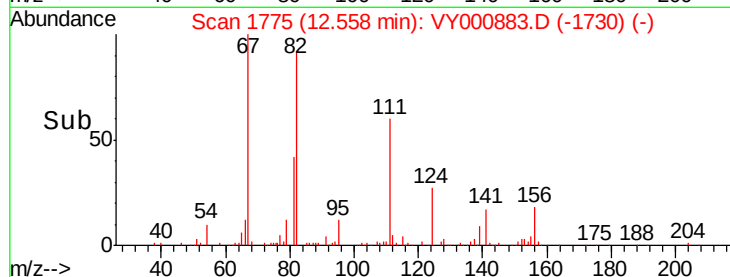
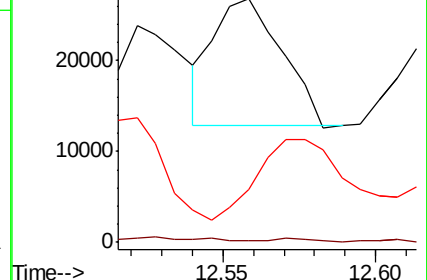
85 85.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 9.799 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.04 min

Lab File: VY000883.D

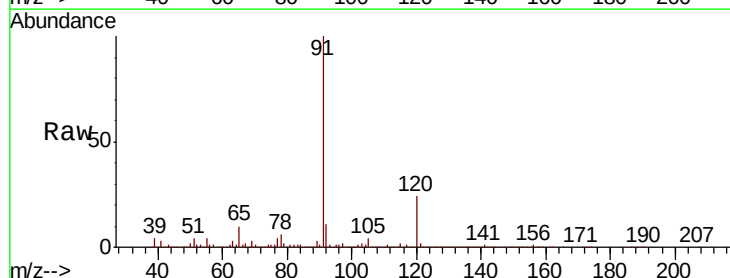
Acq: 05 Dec 2019 15:17

Tgt Ion: 75 Resp: 18914

Ion Ratio Lower Upper

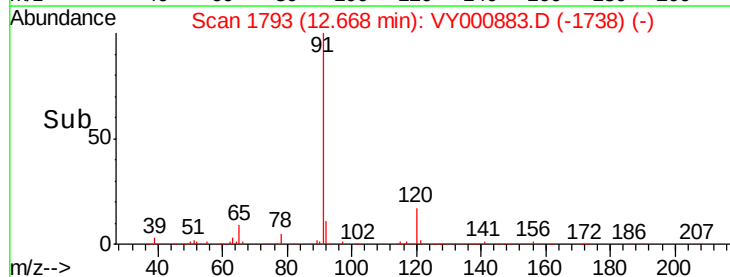
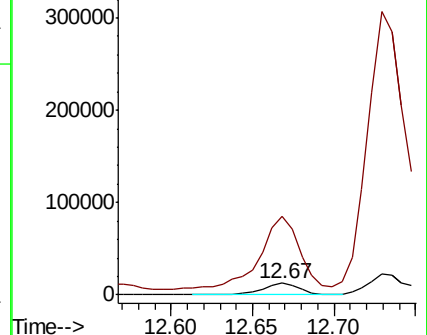
75 100

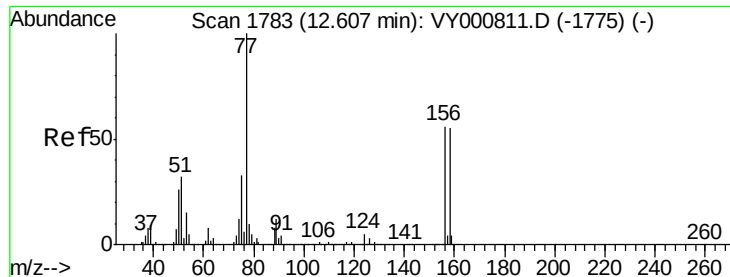
77 739.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 30.812 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

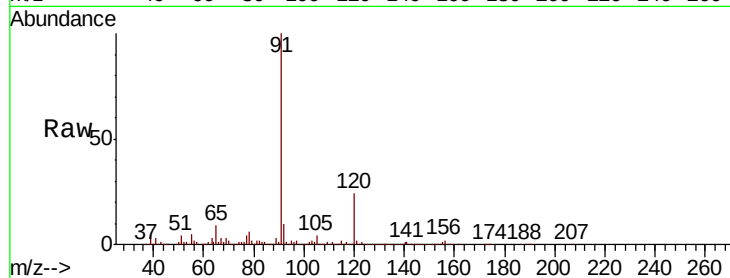
Tot Ion:156 Resp: 90599

Ion Ratio Lower Upper

156 100

77 154.4 102.6 307.7

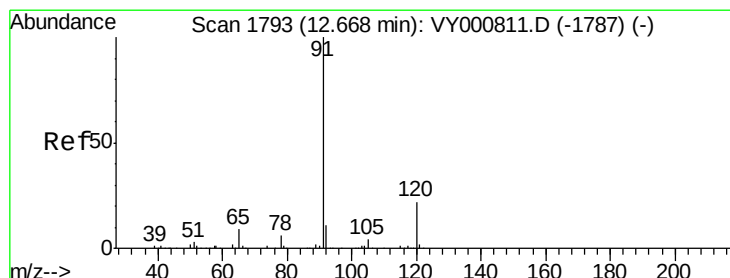
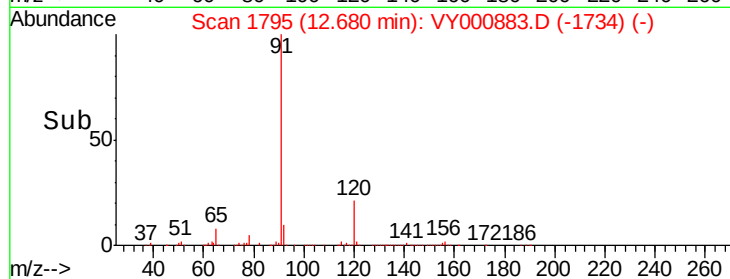
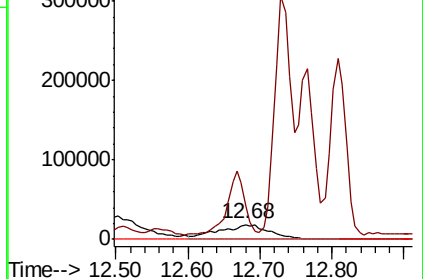
158 0.0 47.6 142.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 186.680 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000883.D

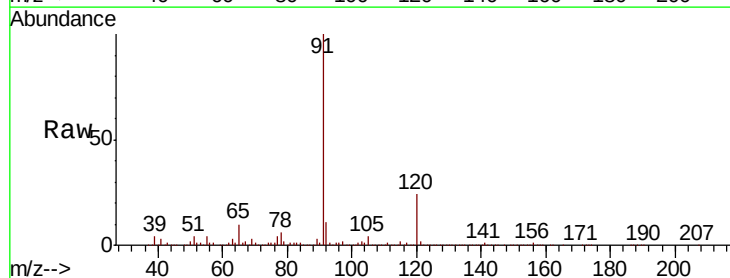
Acq: 05 Dec 2019 15:17

Tgt Ion: 91 Resp: 3091999

Ion Ratio Lower Upper

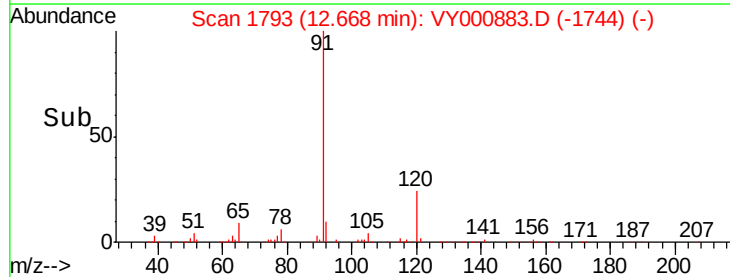
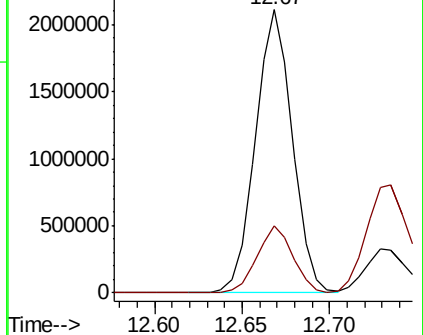
91 100

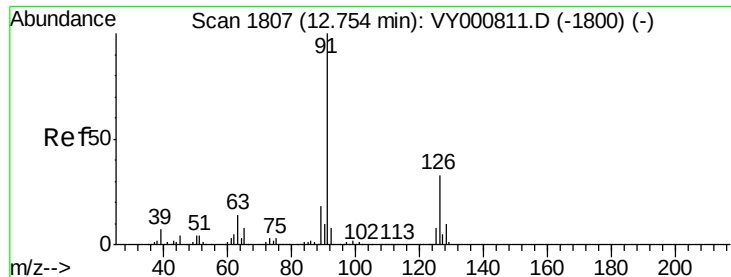
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 27.823 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

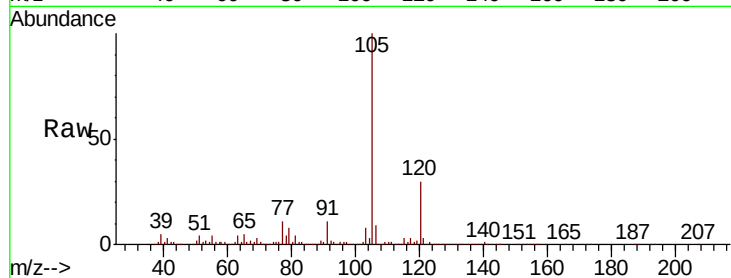
SOLID-COMP

Tot Ion: 91 Resp: 254588

Ion Ratio Lower Upper

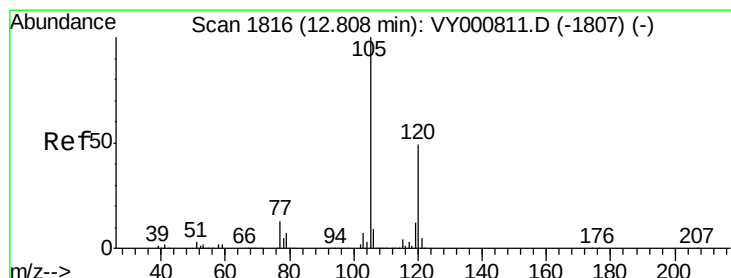
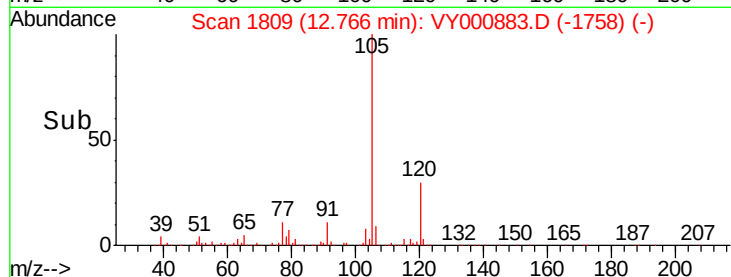
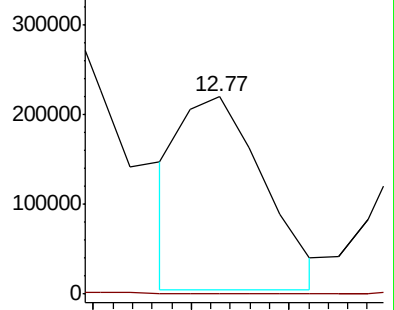
91 100

126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 221.083 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000883.D

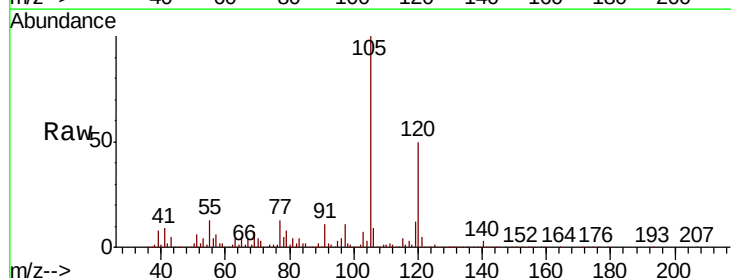
Acq: 05 Dec 2019 15:17

Tgt Ion: 105 Resp: 2483094

Ion Ratio Lower Upper

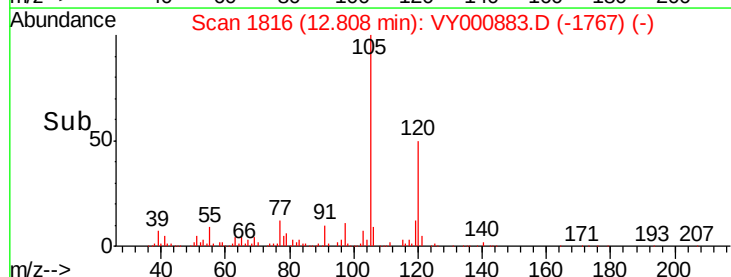
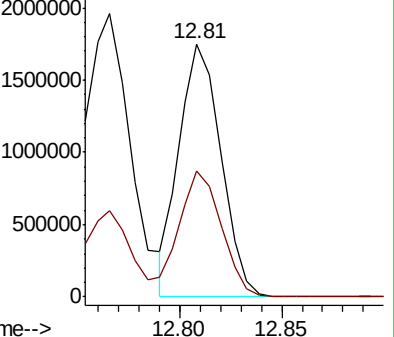
105 100

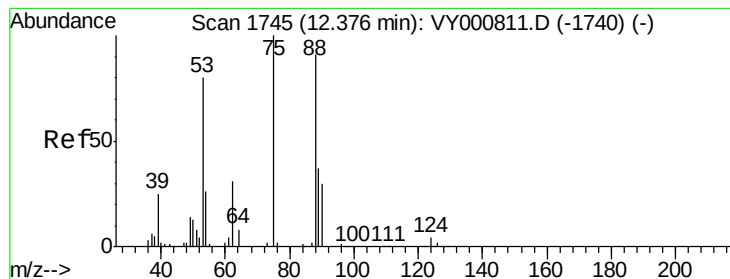
120 51.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 11.221 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.05 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

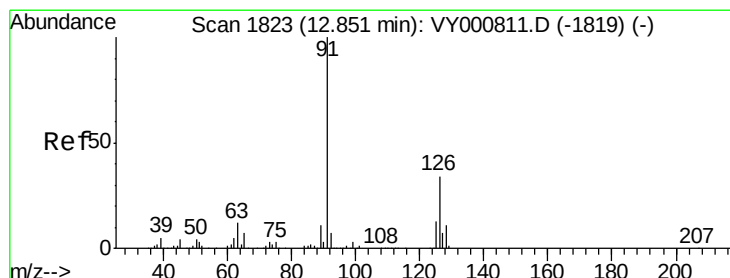
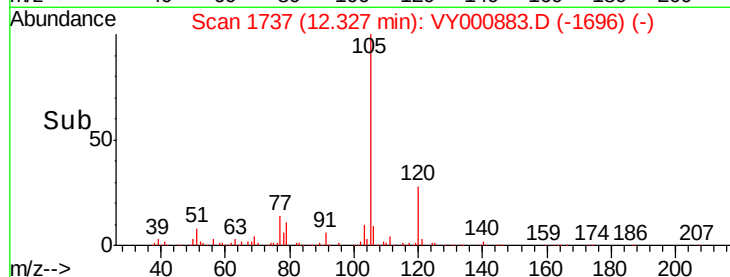
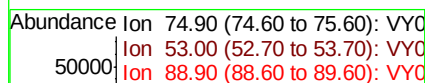
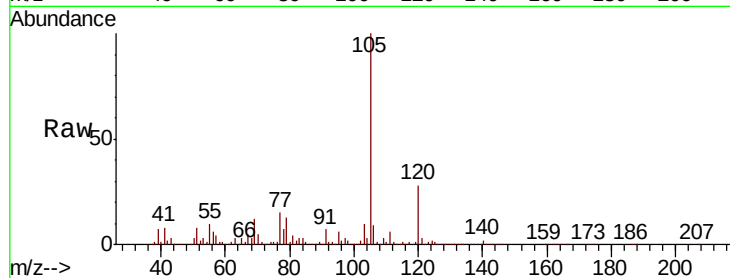
Tot Ion: 75 Resp: 11027

Ion Ratio Lower Upper

75 100

53 87.5 64.6 96.8

89 112.8 33.6 50.4#



#82

4-Chlorotoluene

Concen: 30.001 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY000883.D

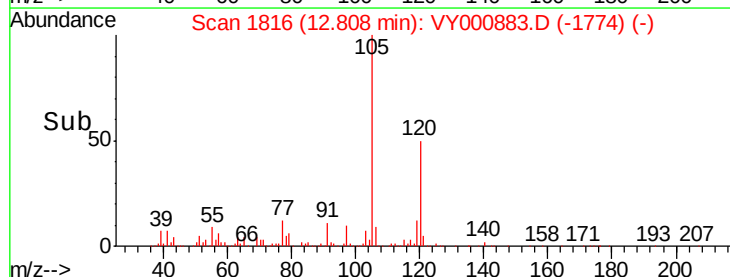
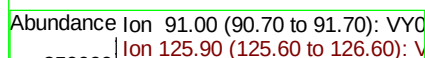
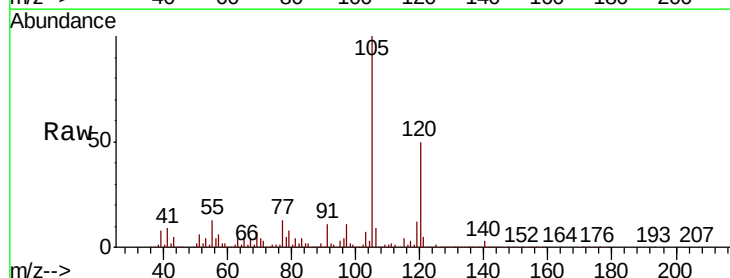
Acq: 05 Dec 2019 15:17

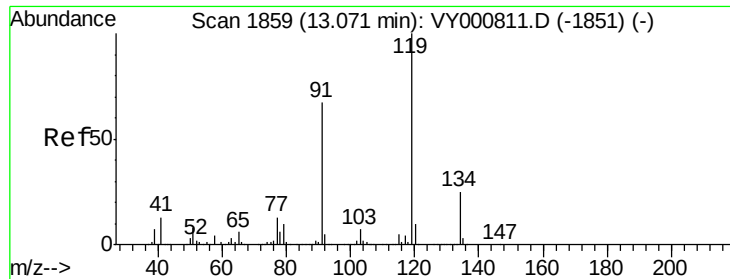
Tgt Ion: 91 Resp: 282830

Ion Ratio Lower Upper

91 100

126 1.4 17.3 51.9#





#83

tert-Butylbenzene

Concen: 2.897 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

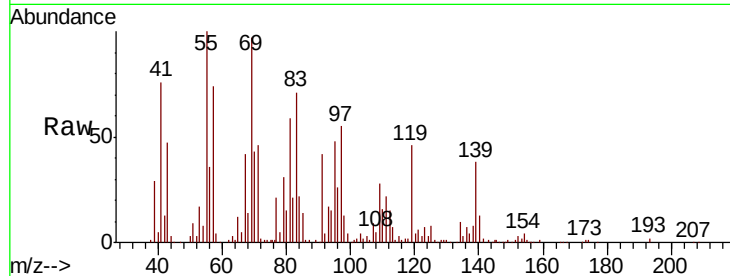
Tot Ion:119 Resp: 27355

Ion Ratio Lower Upper

119 100

91 0.0 32.3 96.8#

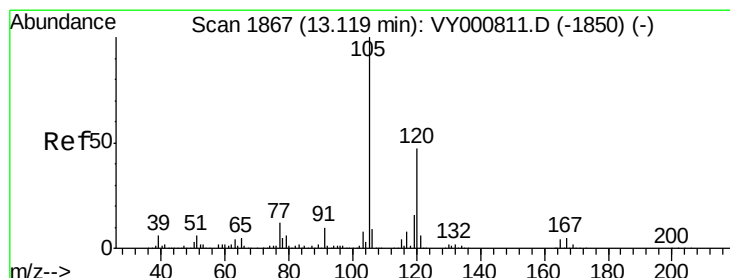
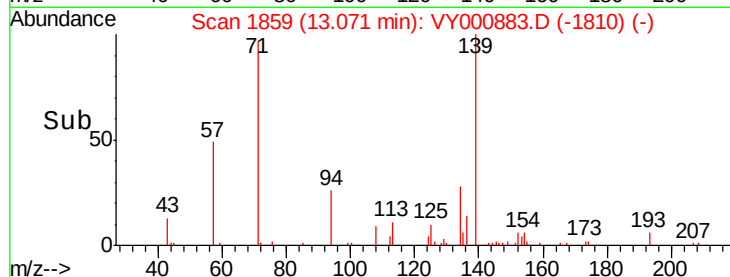
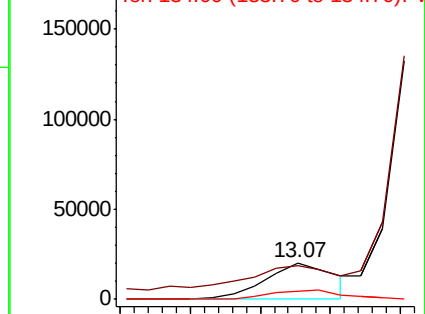
134 28.0 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 604.901 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000883.D

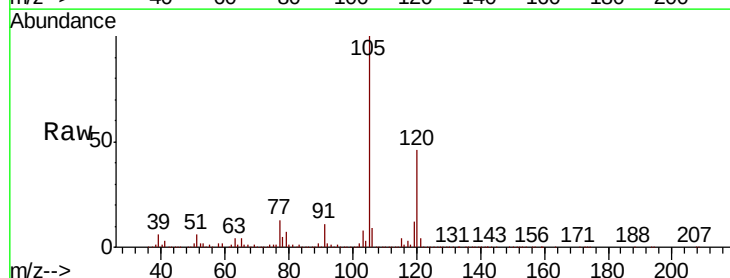
Acq: 05 Dec 2019 15:17

Tgt Ion:105 Resp: 6797179

Ion Ratio Lower Upper

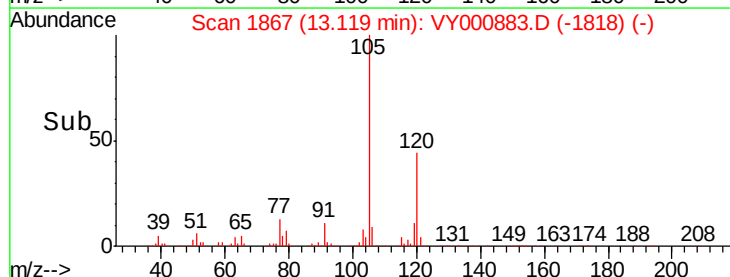
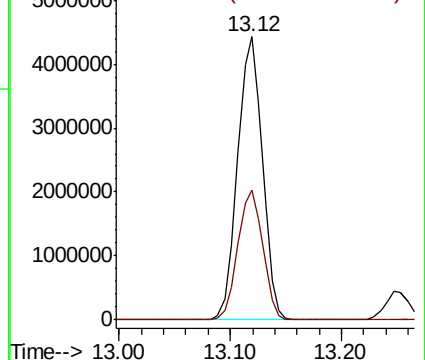
105 100

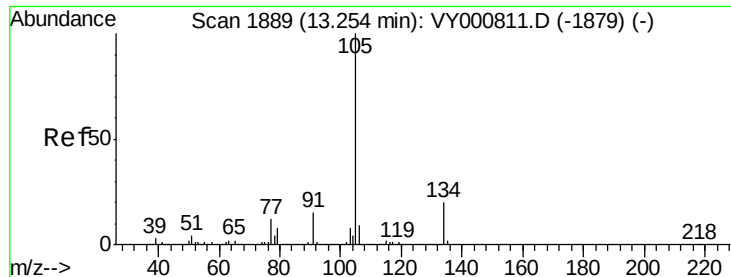
120 46.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

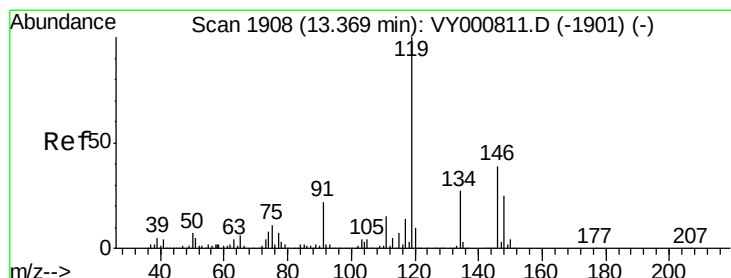
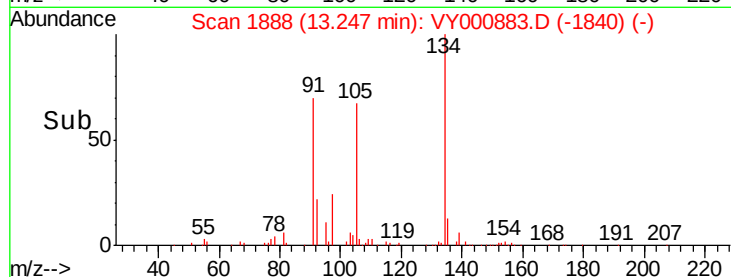
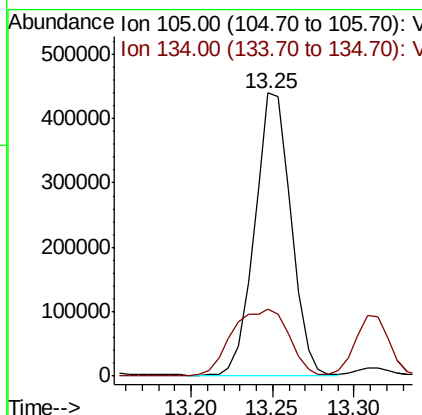
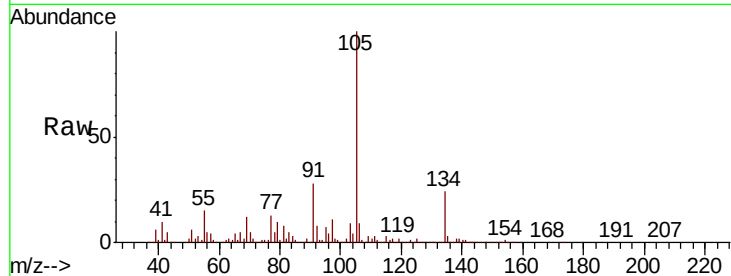




#85
 sec-Butylbenzene
 Concen: 48.973 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

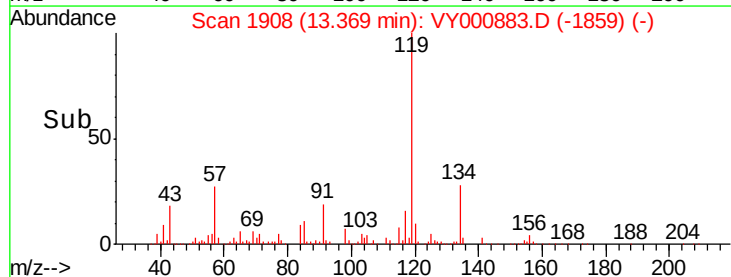
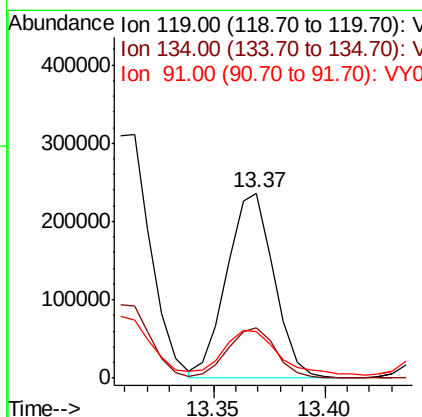
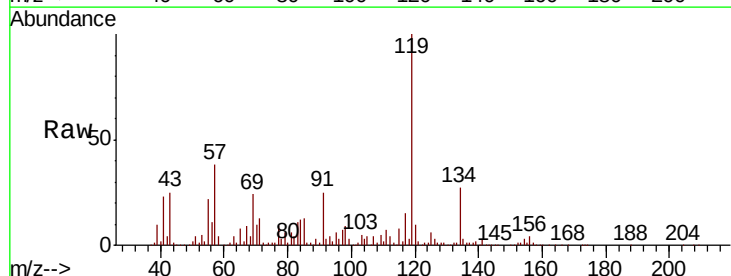
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOLID-COMP

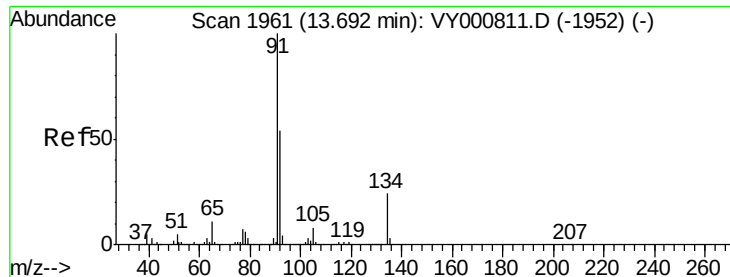
Tot Ion:105 Resp: 672555
 Ion Ratio Lower Upper
 105 100
 134 37.4 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 29.007 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000883.D
 Acq: 05 Dec 2019 15:17

Tgt Ion:119 Resp: 346487
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.5 40.4
 91 26.8 11.5 34.5

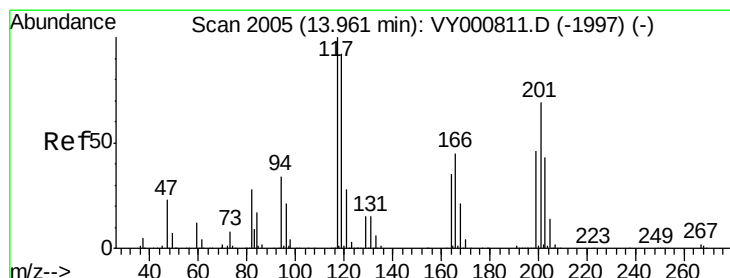
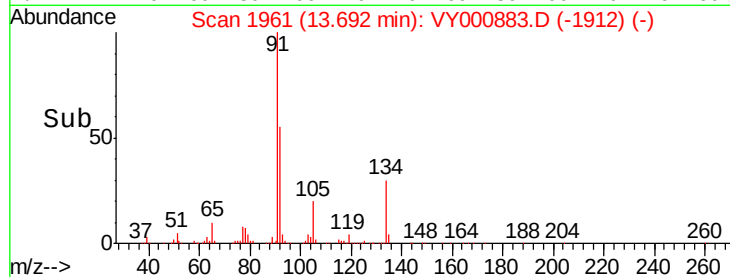
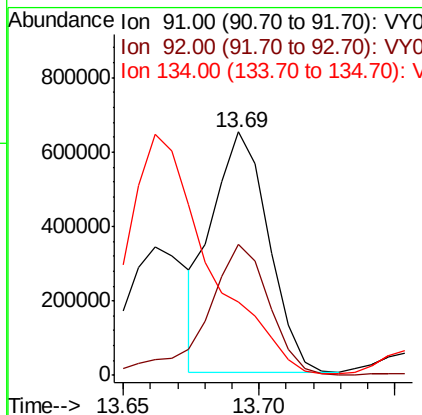
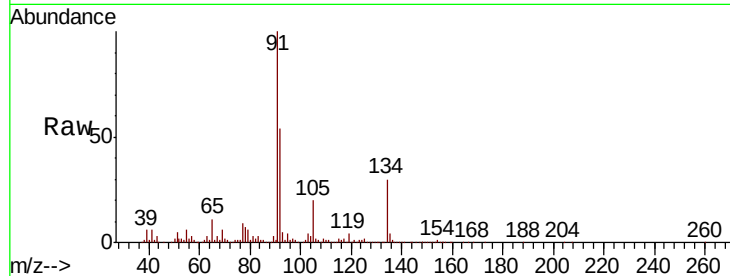




#89
n-Butylbenzene
Concen: 76.858 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

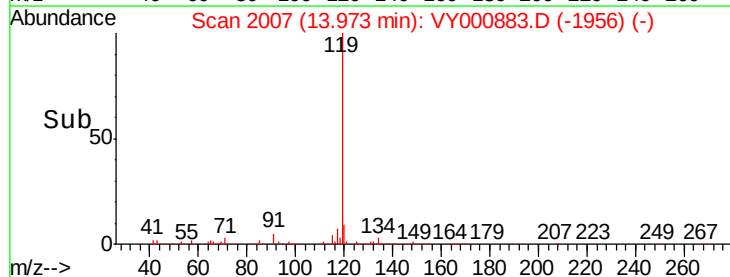
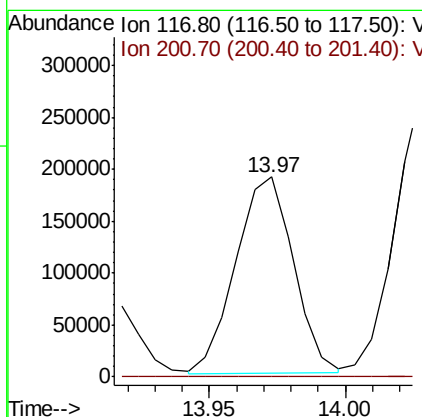
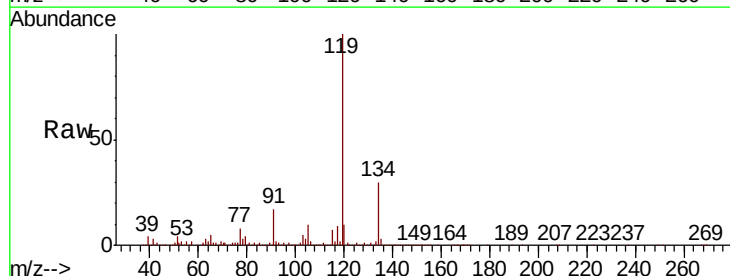
Instrument :
MSVOA_Y
ClientSampleId :
SOLID-COMP

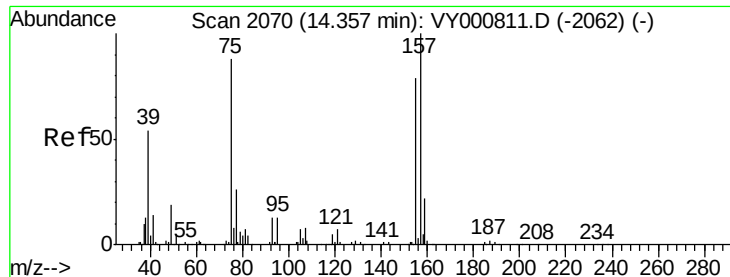
Tot Ion: 91 Resp: 928200
Ion Ratio Lower Upper
91 100
92 60.3 26.9 80.7
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 126.918 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY000883.D
Acq: 05 Dec 2019 15:17

Tgt Ion: 117 Resp: 279268
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.167 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SOLID-COMP

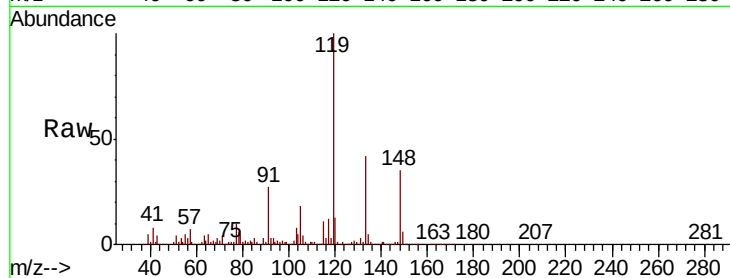
Tot Ion: 75 Resp: 5892

Ion Ratio Lower Upper

75 100

155 8.2 44.3 132.9#

157 3.1 56.3 168.9#

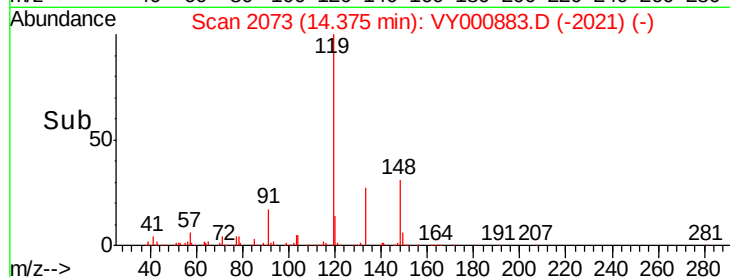


Abundance Ion 74.90 (74.60 to 75.60): VY000883.D (-2062) (-)

Ion 154.80 (154.50 to 155.50): VY000883.D (-2062) (-)

Ion 156.80 (156.50 to 157.50): VY000883.D (-2062) (-)

Time-->

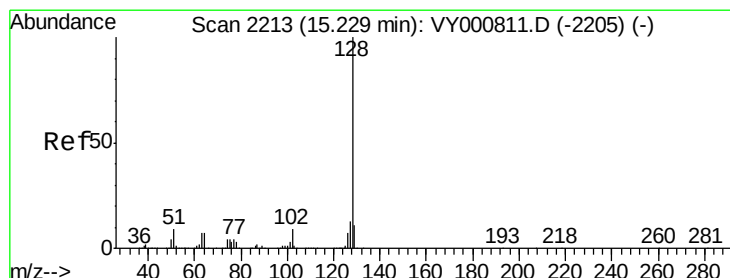


Abundance Ion 74.90 (74.60 to 75.60): VY000883.D (-2021) (-)

Ion 154.80 (154.50 to 155.50): VY000883.D (-2021) (-)

Ion 156.80 (156.50 to 157.50): VY000883.D (-2021) (-)

Time-->



#95

Naphthalene

Concen: 46.024 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000883.D

Acq: 05 Dec 2019 15:17

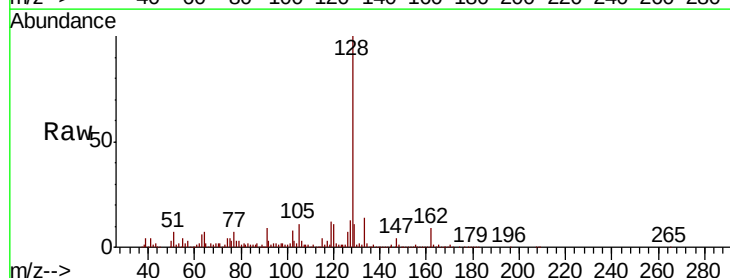
Tgt Ion: 128 Resp: 375199

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 13.1 8.8 13.2

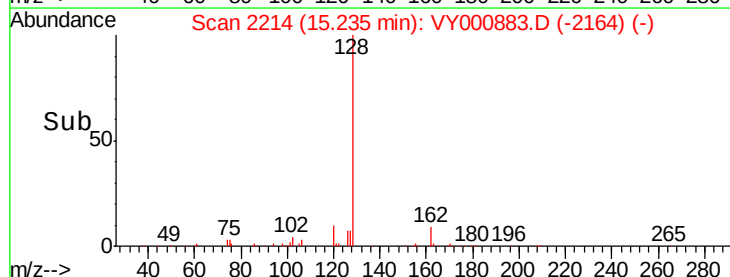


Abundance Ion 128.00 (127.70 to 128.70): VY000883.D (-2164) (-)

Ion 127.00 (126.70 to 127.70): VY000883.D (-2164) (-)

Ion 129.00 (128.70 to 129.70): VY000883.D (-2164) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VY000883.D (-2164) (-)

Ion 127.00 (126.70 to 127.70): VY000883.D (-2164) (-)

Ion 129.00 (128.70 to 129.70): VY000883.D (-2164) (-)

Time-->