

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000784.D
 Acq On : 22 Nov 2019 11:43
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Quant Time: Nov 23 04:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	318027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	555508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	157249	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.73	113	154805	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.18	98	640830	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	226743	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54878	17.529	ug/l	96
3) Chloromethane	2.12	50	74554	17.287	ug/l	97
4) Vinyl Chloride	2.25	62	74354	18.566	ug/l	98
5) Bromomethane	2.65	94	48921	20.371	ug/l	96
6) Chloroethane	2.79	64	48062	19.175	ug/l #	87
7) Trichlorofluoromethane	3.13	101	110860	20.498	ug/l	96
8) Diethyl Ether	3.54	74	41087	21.380	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68366	20.909	ug/l	96
10) Methyl Iodide	4.09	142	76555	19.849	ug/l	99
11) Tert butyl alcohol	4.96	59	12239	38.202	ug/l #	65
12) 1,1-Dichloroethene	3.88	96	66998	21.090	ug/l	90
13) Acrolein	3.74	56	18569	66.540	ug/l	99
14) Allyl chloride	4.49	41	118352	22.912	ug/l	94
15) Acrylonitrile	5.18	53	101777	103.385	ug/l	98
16) Acetone	3.96	43	66619	73.443	ug/l	92
17) Carbon Disulfide	4.20	76	199624	19.924	ug/l	99
18) Methyl Acetate	4.49	43	52106	18.475	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	178665	20.228	ug/l	98
20) Methylene Chloride	4.72	84	82346	21.186	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	75887	21.130	ug/l	98
22) Diisopropyl ether	6.13	45	244894	21.812	ug/l	94
23) Vinyl Acetate	6.07	43	729382	102.912	ug/l	96
24) 1,1-Dichloroethane	6.02	63	134647	22.137	ug/l	99
25) 2-Butanone	7.00	43	124790	86.202	ug/l	99
26) 2,2-Dichloropropane	6.99	77	113509	20.421	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85809	21.851	ug/l	98
28) Bromochloromethane	7.35	49	34087	15.375	ug/l	92
29) Tetrahydrofuran	7.36	42	83438	94.215	ug/l	99
30) Chloroform	7.52	83	135255	21.982	ug/l	98
31) Cyclohexane	7.79	56	133372	20.935	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	112904	20.589	ug/l	99
36) 1,1-Dichloropropene	7.92	75	104911	19.977	ug/l	98
37) Ethyl Acetate	7.09	43	54269	17.406	ug/l #	95
38) Carbon Tetrachloride	7.91	117	96523	19.102	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	134908	19.885	ug/l	91
40) Benzene	8.17	78	315465	20.490	ug/l	98
41) Methacrylonitrile	7.35	41	73880	42.476	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	80861	18.517	ug/l	97
43) Isopropyl Acetate	8.28	43	104363	17.819	ug/l	97
44) Trichloroethene	8.94	130	83639	20.604	ug/l	95
45) 1,2-Dichloropropane	9.22	63	79841	21.070	ug/l	97
46) Dibromomethane	9.31	93	39997	19.193	ug/l	96
47) Bromodichloromethane	9.50	83	97554	19.728	ug/l	99
48) Methyl methacrylate	9.30	41	46124	18.024	ug/l	94
49) 1,4-Dioxane	9.31	88	10548	376.082	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	273137	87.714	ug/l	97
52) Toluene	10.25	92	198573	20.400	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104054	19.694	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	120640	19.931	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	58125	19.284	ug/l	94
56) Ethyl methacrylate	10.51	69	80784	18.909	ug/l	97
57) 1,3-Dichloropropane	10.79	76	105082	19.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	187935	97.306	ug/l	98
59) 2-Hexanone	10.83	43	187530	82.656	ug/l	96
60) Dibromochloromethane	10.99	129	62381	18.068	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54891	18.940	ug/l	94
64) Tetrachloroethene	10.72	164	83061	20.547	ug/l	95
65) Chlorobenzene	11.52	112	201071	20.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69381	20.183	ug/l	100
67) Ethyl Benzene	11.59	91	385365	21.125	ug/l	96
68) m/p-Xylenes	11.70	106	288511	40.863	ug/l	98
69) o-Xylene	12.03	106	135594	20.434	ug/l	99
70) Styrene	12.04	104	225435	19.840	ug/l	98
71) Bromoform	12.20	173	37257	18.843	ug/l #	97
73) Isopropylbenzene	12.33	105	366142	21.237	ug/l	100
74) N-amyl acetate	12.14	43	91011	18.432	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	64646	18.937	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	92057	34.658	ug/l #	100
77) Bromobenzene	12.61	156	80689	20.638	ug/l	98
78) n-propylbenzene	12.67	91	451002	21.681	ug/l	100
79) 2-Chlorotoluene	12.75	91	248329	21.503	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	307895	21.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23304	19.672	ug/l	96
82) 4-Chlorotoluene	12.85	91	256092	21.393	ug/l	97
83) tert-Butylbenzene	13.07	119	262617	21.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	309449	21.645	ug/l	99
85) sec-Butylbenzene	13.25	105	376822	21.573	ug/l	98
86) p-Isopropyltoluene	13.37	119	330517	21.231	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157871	20.616	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	157794	20.621	ug/l	99
89) n-Butylbenzene	13.69	91	334559	21.789	ug/l	99
90) Hexachloroethane	13.96	117	57573	20.005	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	139677	20.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10179	16.849	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

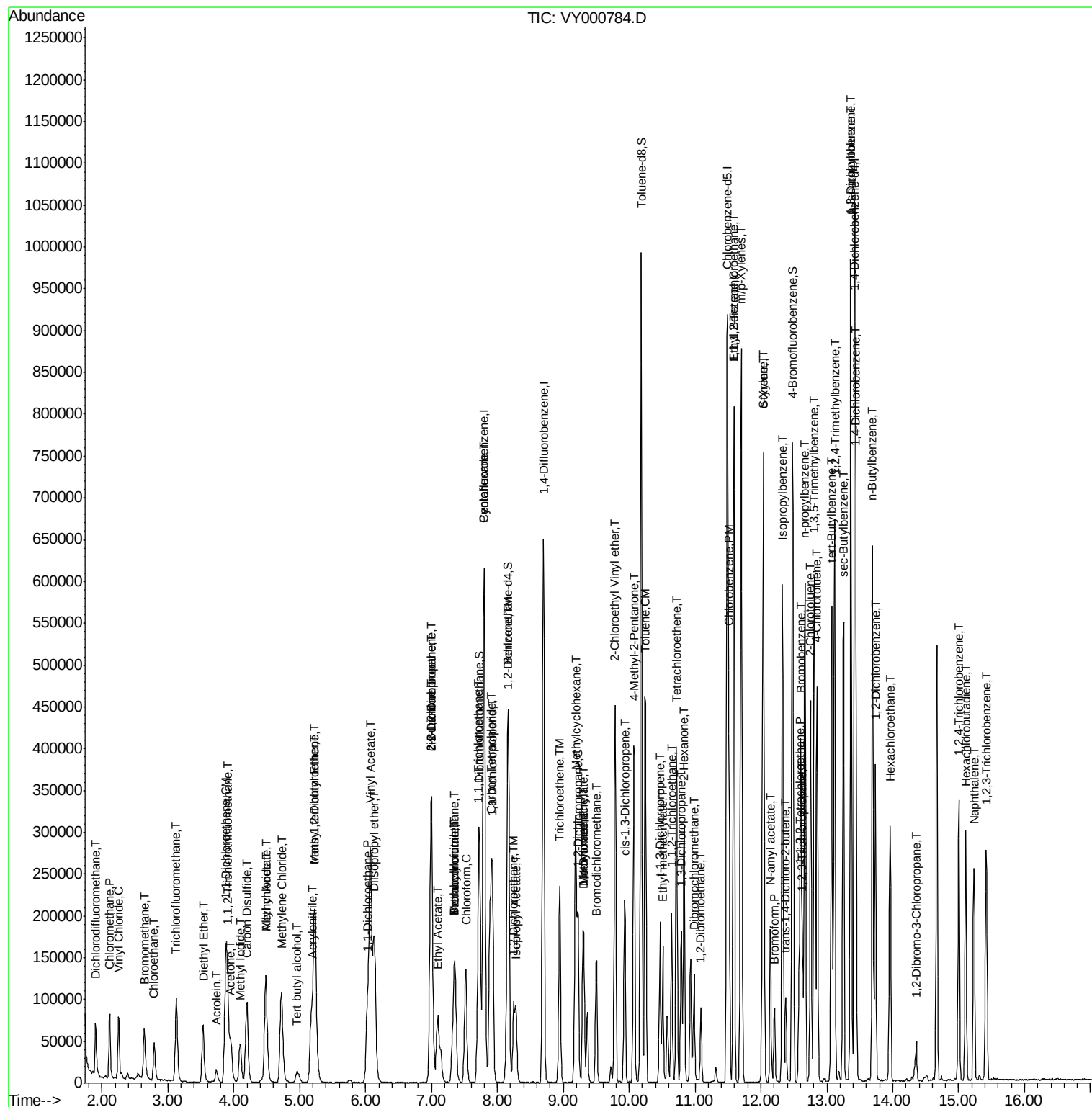
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97186	20.543	ug/l	97
94) Hexachlorobutadiene	15.11	225	49548	20.318	ug/l	98
95) Naphthalene	15.23	128	213464	20.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87534	20.624	ug/l	98

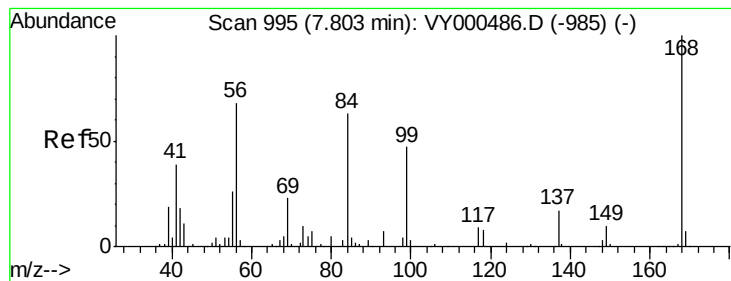
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
Data File : VY000784.D
Acq On : 22 Nov 2019 11:43
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ALS Vial : 5 Sample Multiplier: 1

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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: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

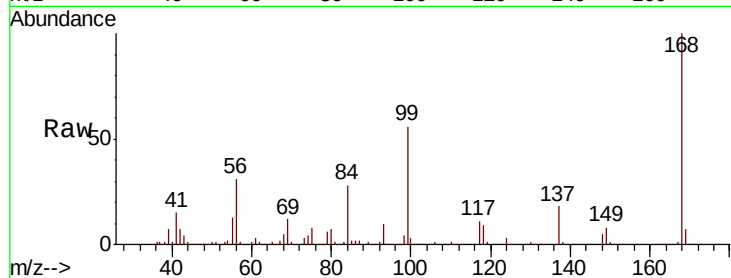
VY1122SBS01

Tot Ion:168 Resp: 318027

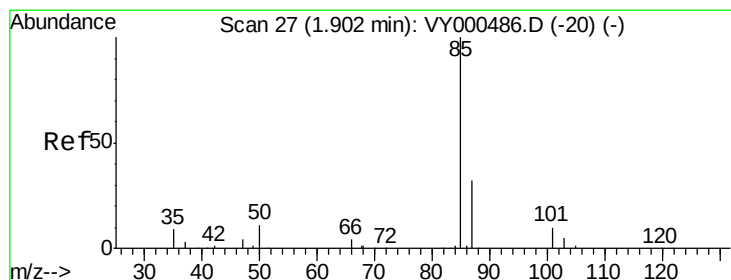
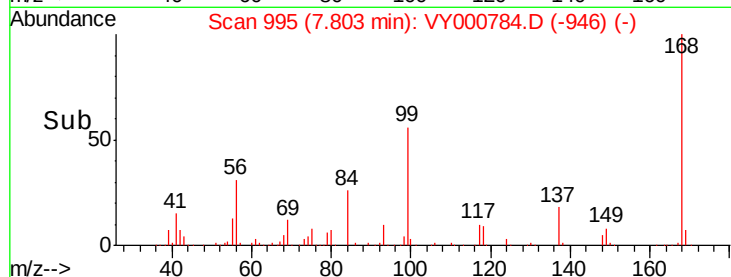
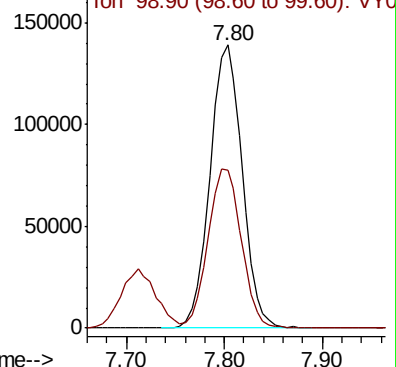
Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000784.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 17.529 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000784.D

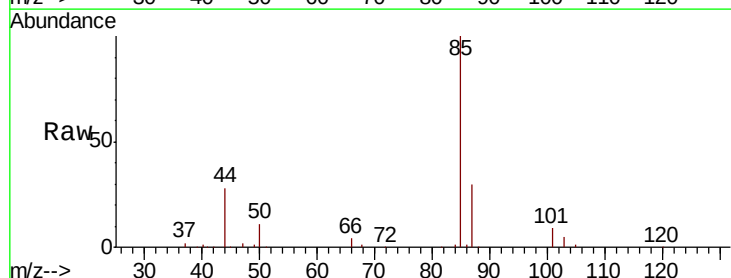
Acq: 22 Nov 2019 11:43

Tgt Ion: 85 Resp: 54878

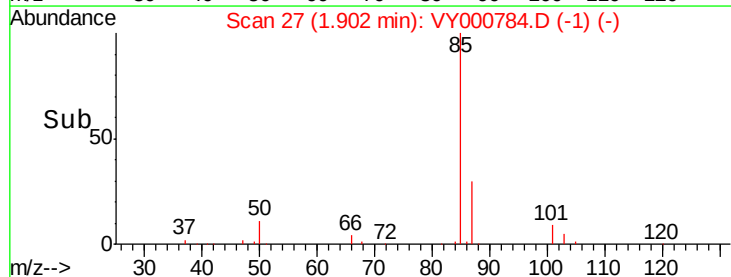
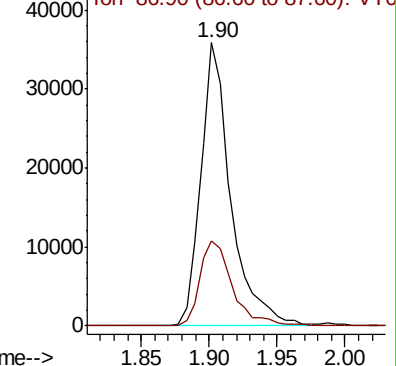
Ion Ratio Lower Upper

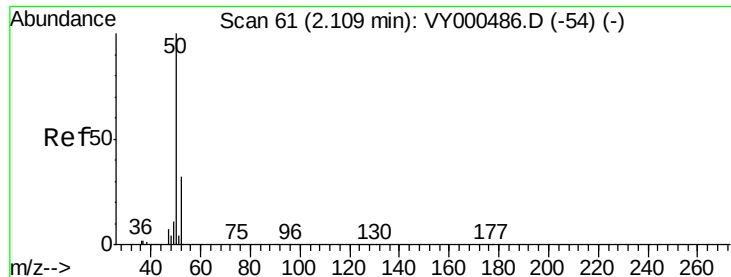
85 100

87 29.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000784.D (-20) (-)





#3

Chloromethane

Concen: 17.287 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

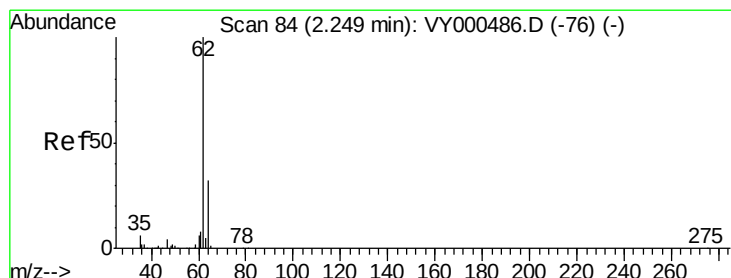
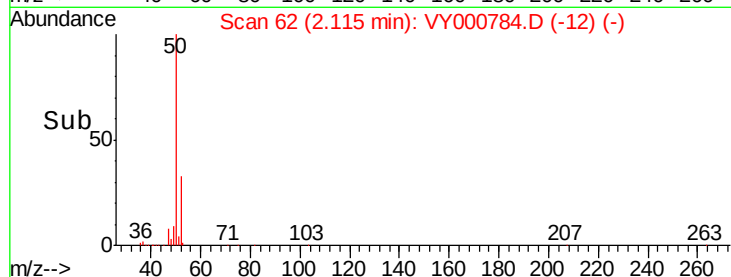
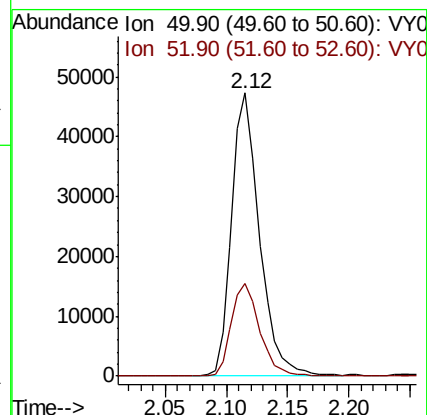
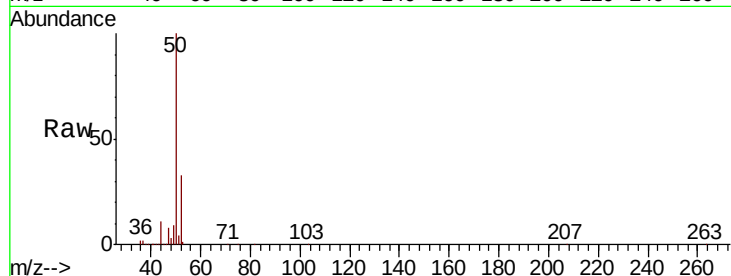
VY1122SBS01

Tot Ion: 50 Resp: 74554

Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8



#4

Vinyl Chloride

Concen: 18.566 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000784.D

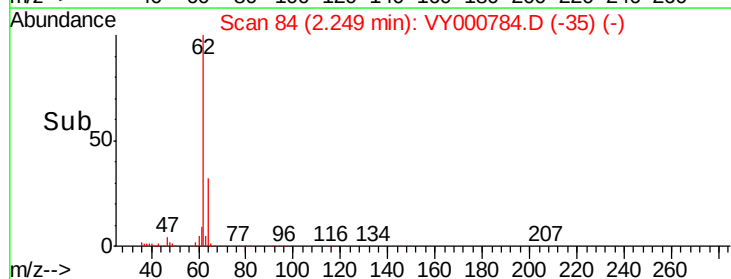
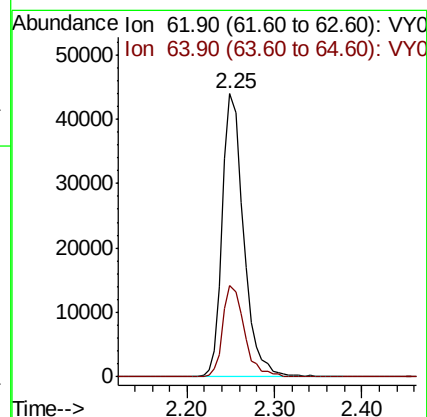
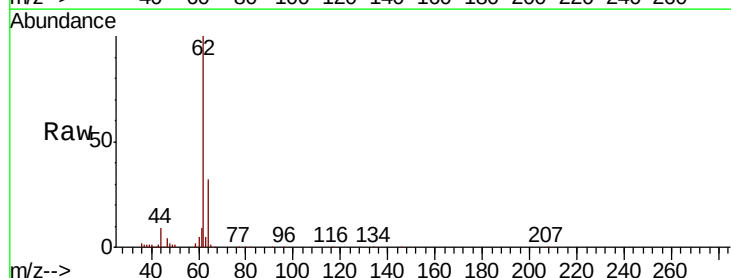
Acq: 22 Nov 2019 11:43

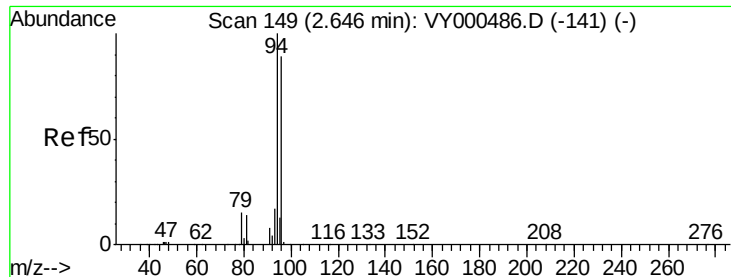
Tgt Ion: 62 Resp: 74354

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 20.371 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

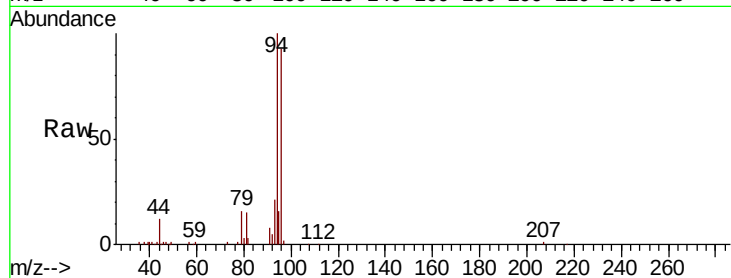
VY1122SBS01

Tot Ion: 94 Resp: 48921

Ion Ratio Lower Upper

94 100

96 93.0 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

20000

15000

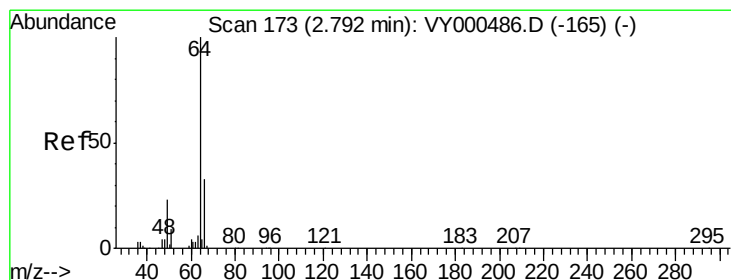
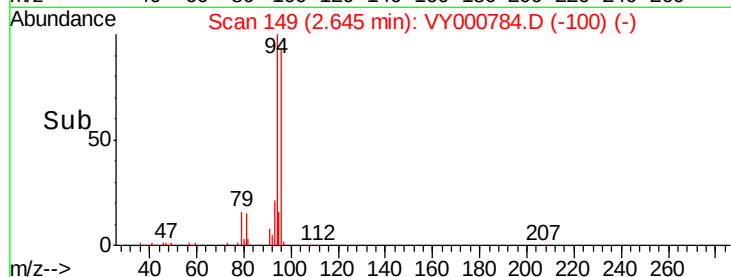
10000

5000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 19.175 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000784.D

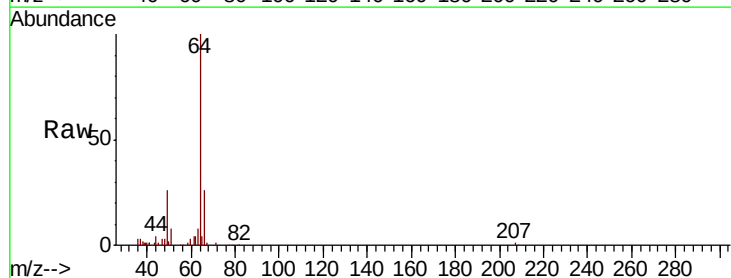
Acq: 22 Nov 2019 11:43

Tgt Ion: 64 Resp: 48062

Ion Ratio Lower Upper

64 100

66 25.7 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

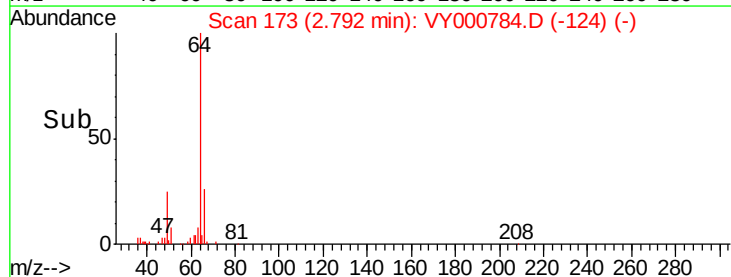
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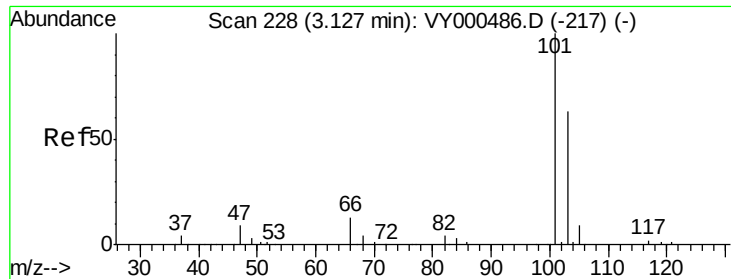
5000

0

Time-->

2.70 2.80 2.90



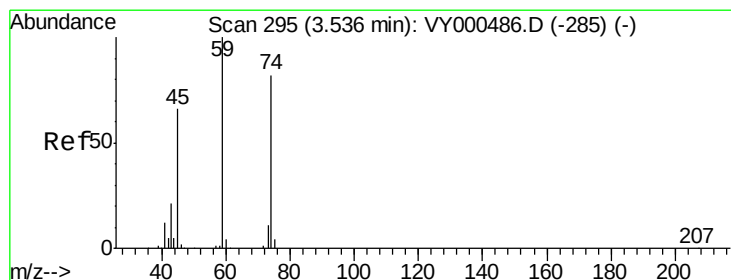
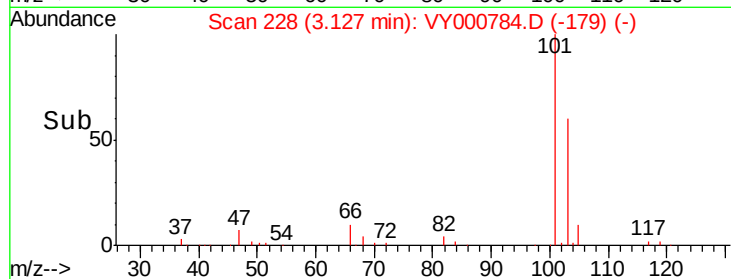
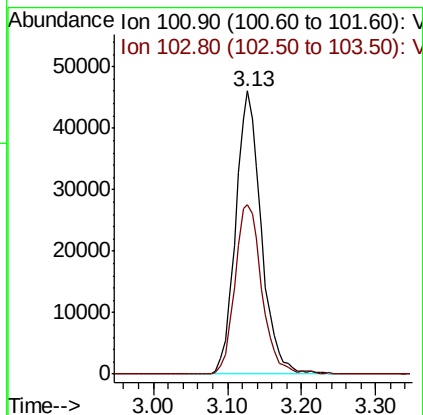
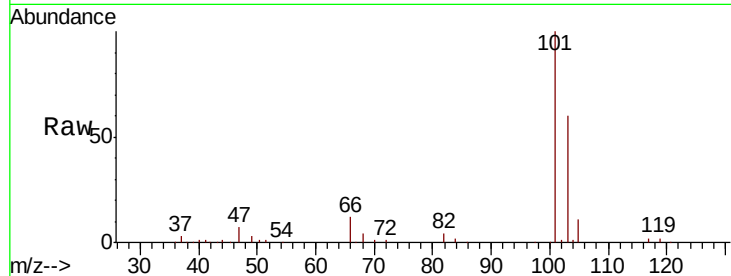


#7

Trichlorofluoromethane
 Concen: 20.498 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

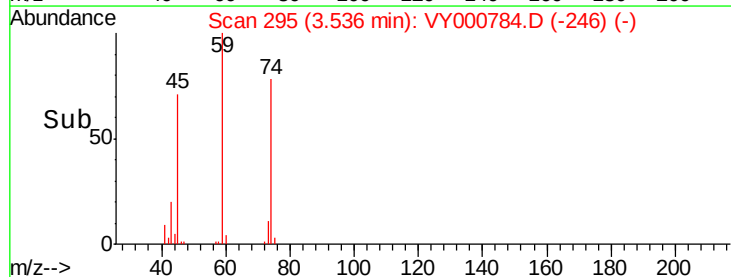
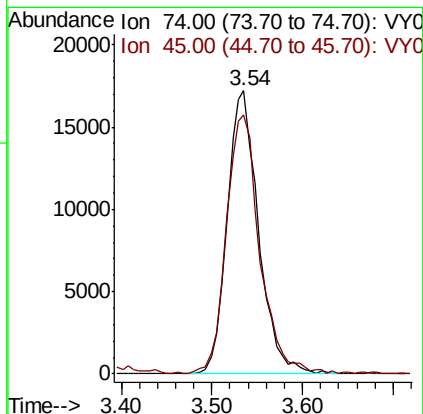
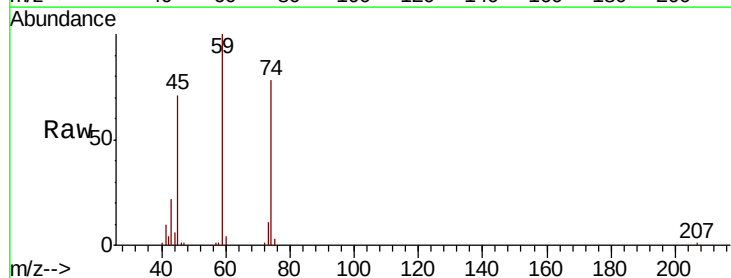
Tot Ion:101 Resp: 110860
 Ion Ratio Lower Upper
 101 100
 103 59.7 50.5 75.7

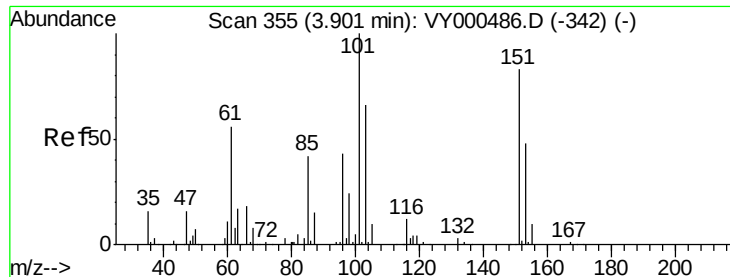


#8

Diethyl Ether
 Concen: 21.380 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 74 Resp: 41087
 Ion Ratio Lower Upper
 74 100
 45 97.8 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.909 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

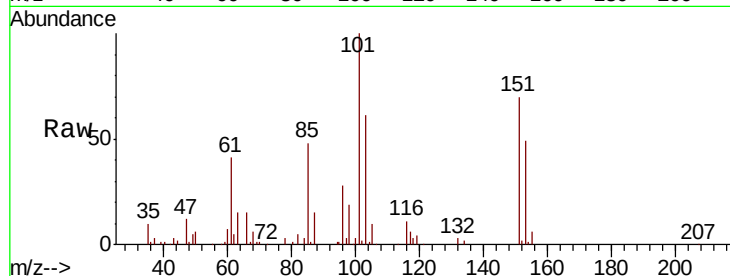
Tot Ion:101 Resp: 68366

Ion Ratio Lower Upper

101 100

85 45.2 36.7 55.1

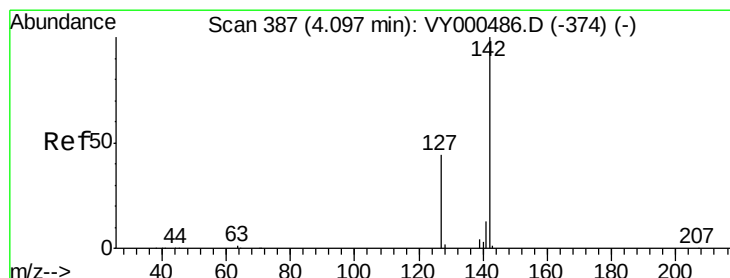
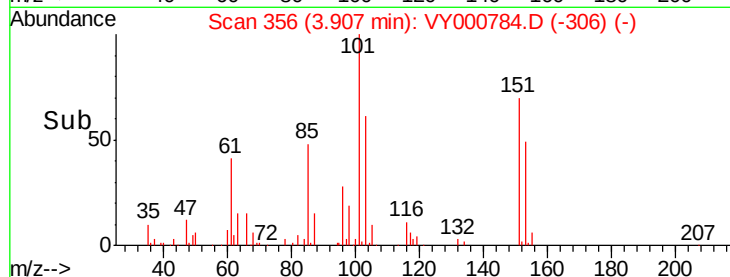
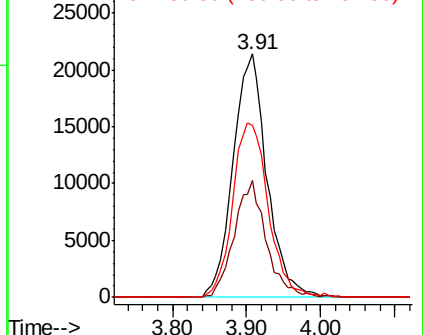
151 74.9 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.849 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

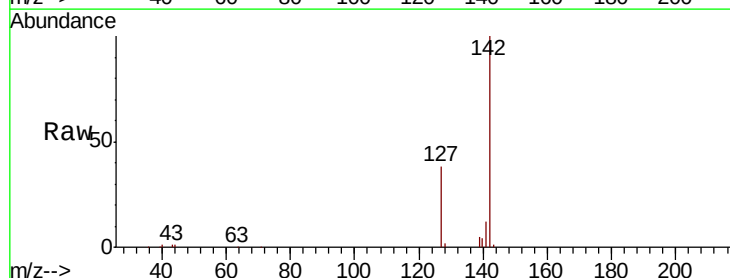
Tgt Ion:142 Resp: 76555

Ion Ratio Lower Upper

142 100

127 41.8 33.7 50.5

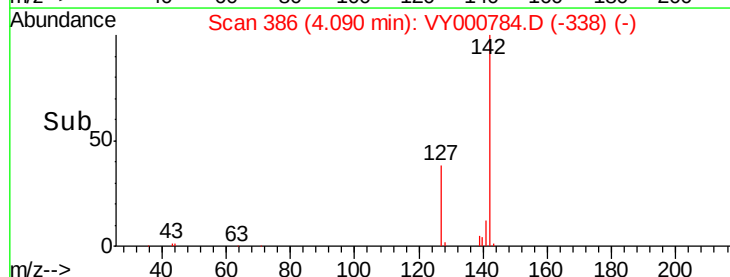
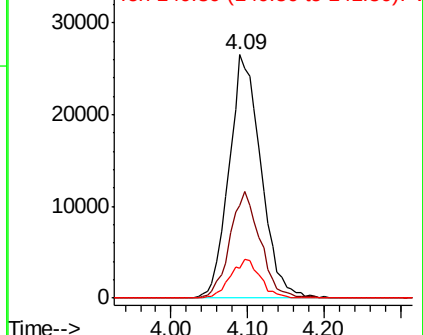
141 14.7 10.9 16.3

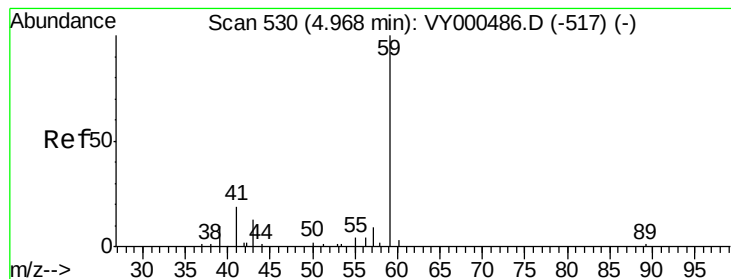


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



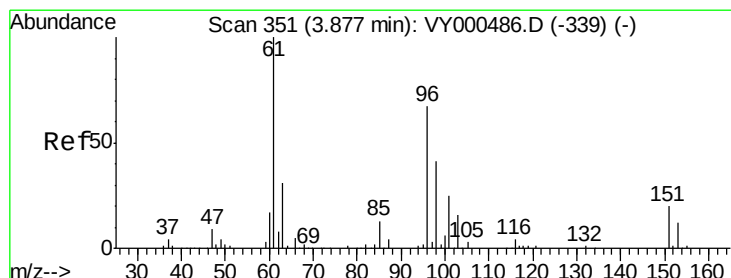
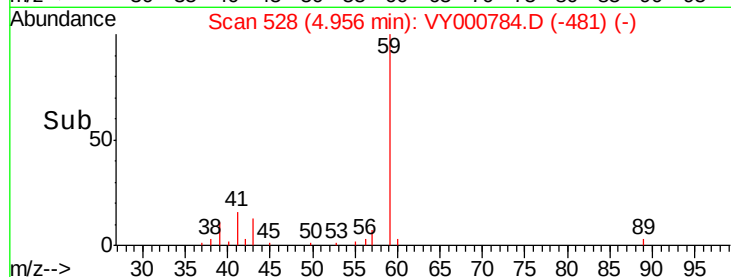
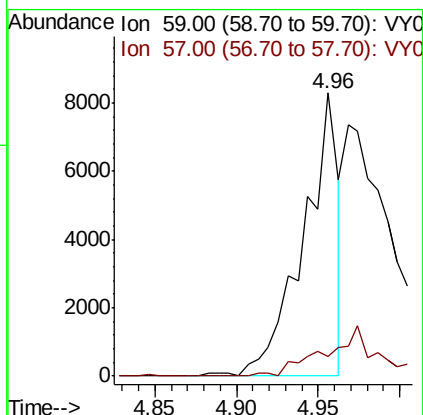
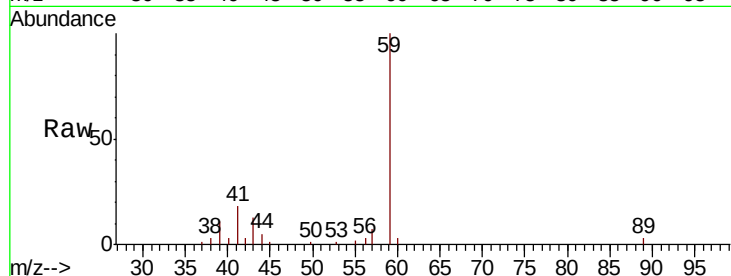


#11

Tert butyl alcohol
Concen: 38.202 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

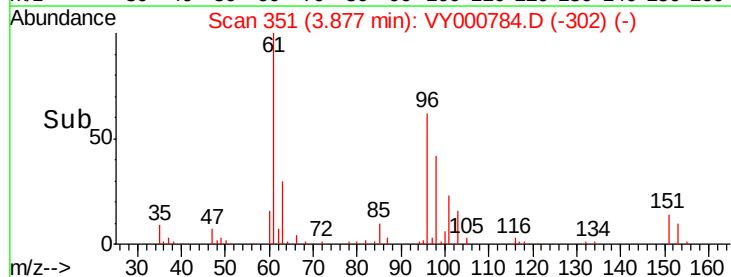
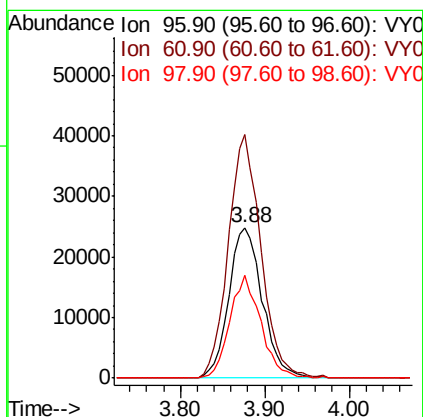
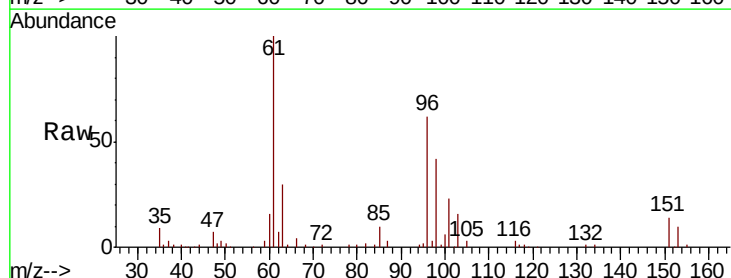
Tot Ion: 59 Resp: 12239
Ion Ratio Lower Upper
59 100
57 24.0 8.6 12.8#

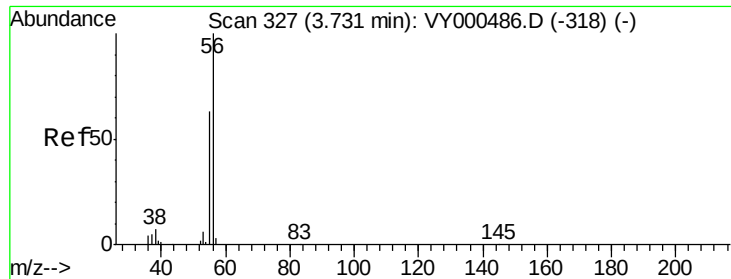


#12

1,1-Dichloroethene
Concen: 21.090 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 96 Resp: 66998
Ion Ratio Lower Upper
96 100
61 161.9 119.2 178.8
98 68.4 48.6 73.0





#13

Acrolein

Concen: 66.540 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

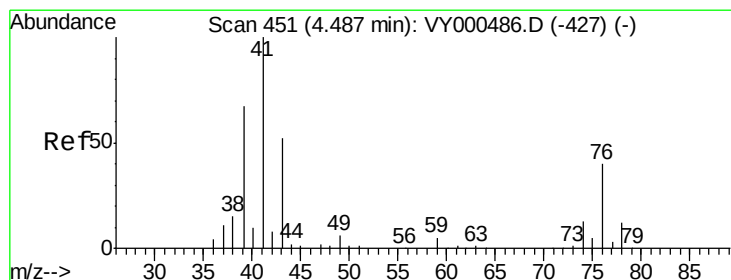
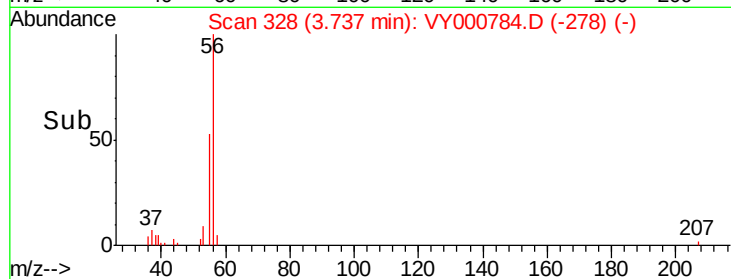
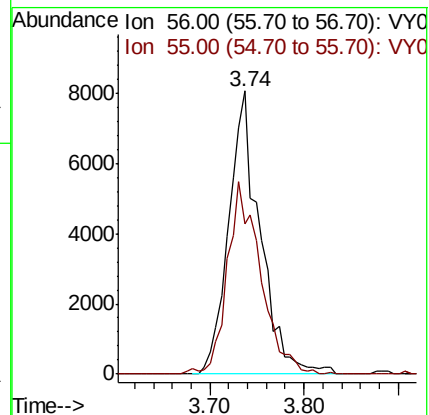
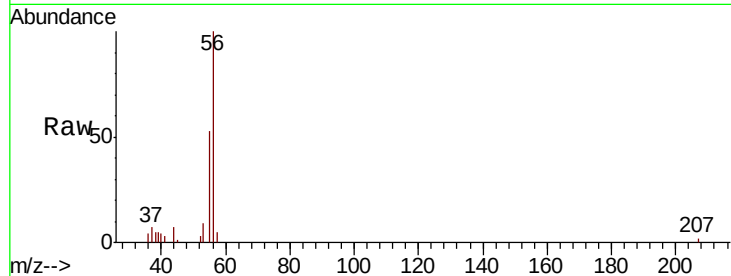
VY1122SBS01

Tot Ion: 56 Resp: 18569

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.6



#14

Allyl chloride

Concen: 22.912 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

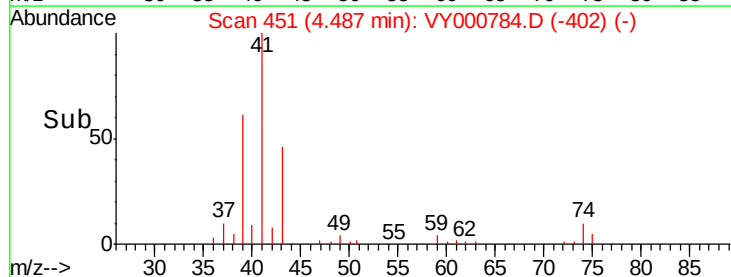
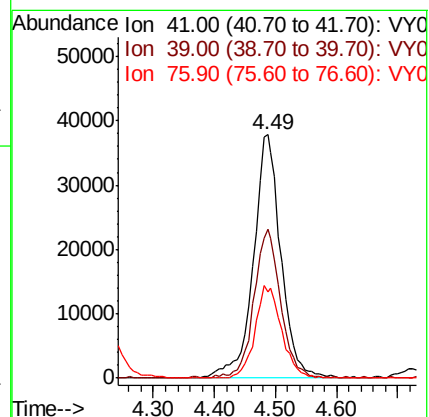
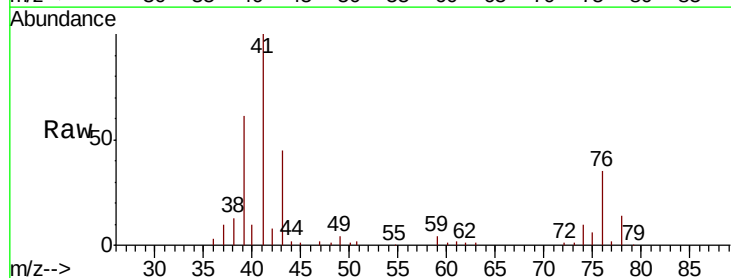
Tgt Ion: 41 Resp: 118352

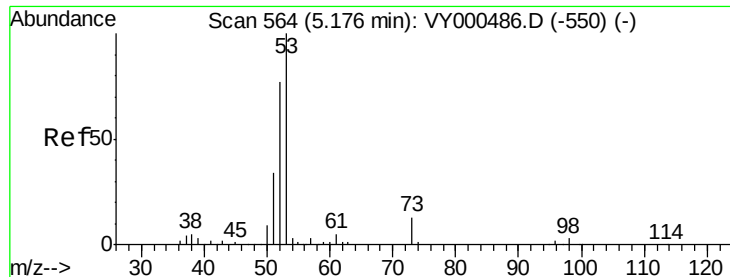
Ion Ratio Lower Upper

41 100

39 60.2 53.6 80.4

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 103.385 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

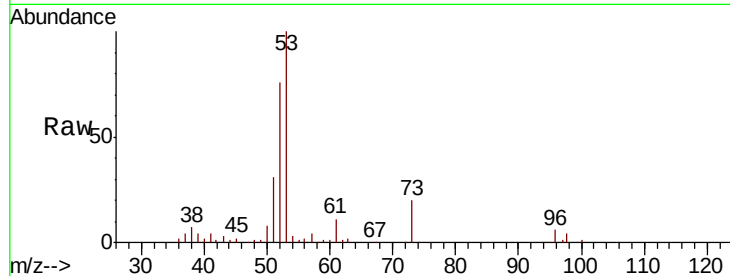
Tot Ion: 53 Resp: 101777

Ion Ratio Lower Upper

53 100

52 78.0 64.9 97.3

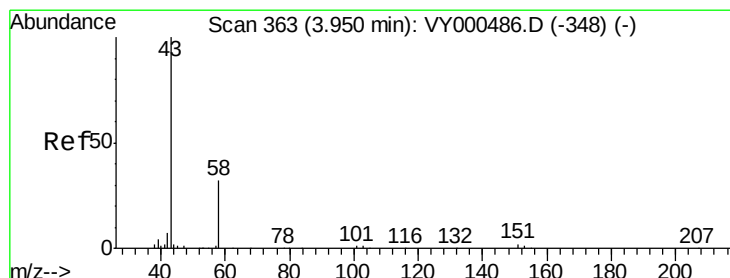
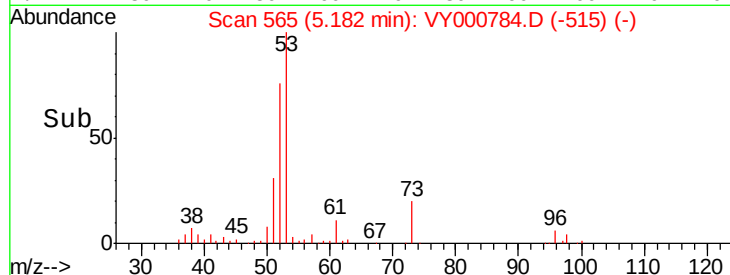
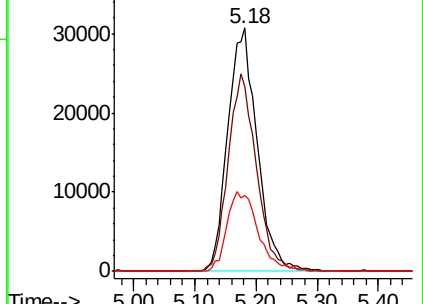
51 34.5 27.6 41.4



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: 73.443 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000784.D

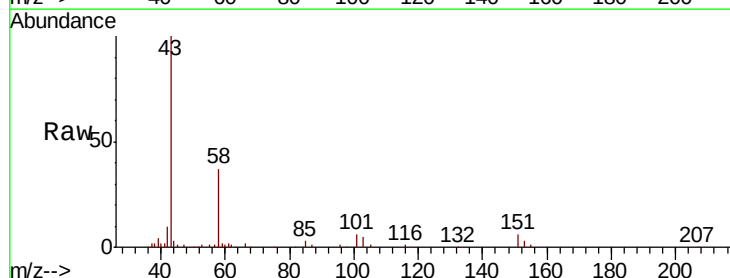
Acq: 22 Nov 2019 11:43

Tgt Ion: 43 Resp: 66619

Ion Ratio Lower Upper

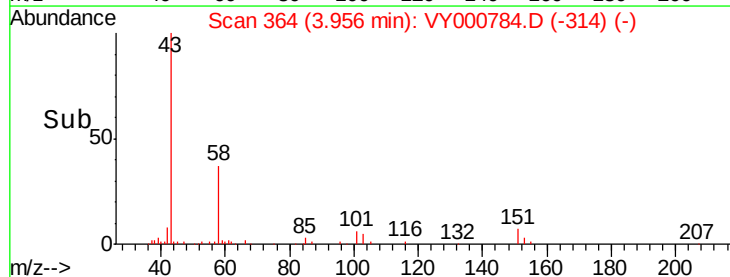
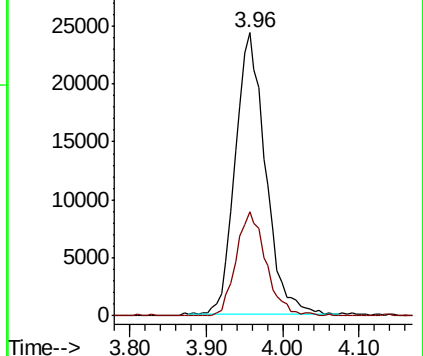
43 100

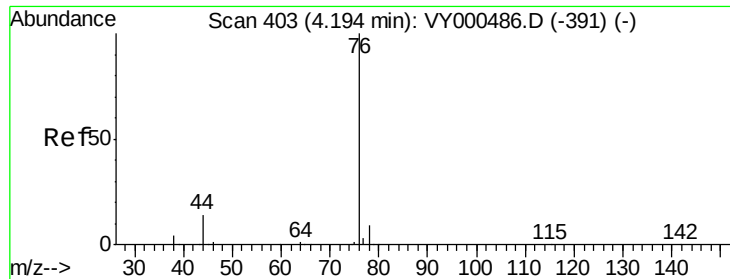
58 36.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.924 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

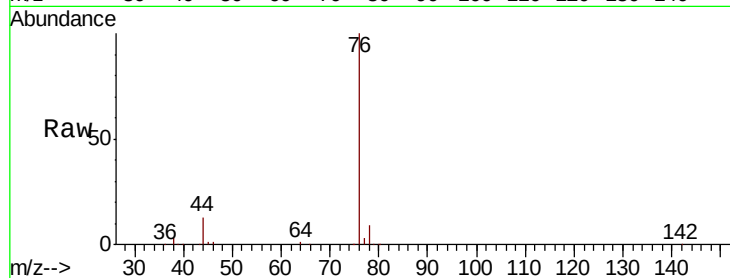
VY1122SBS01

Tot Ion: 76 Resp: 199624

Ion Ratio Lower Upper

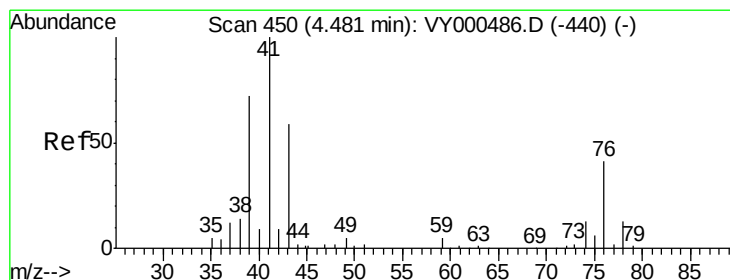
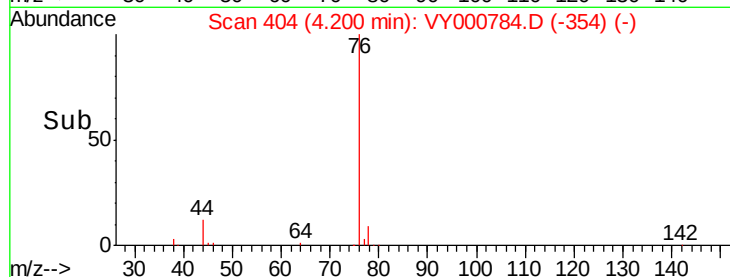
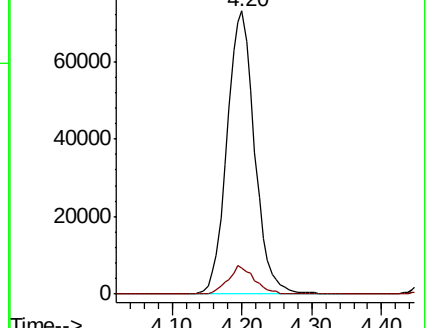
76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY000784.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY000784.D (-391) (-)



#18

Methyl Acetate

Concen: 18.475 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000784.D

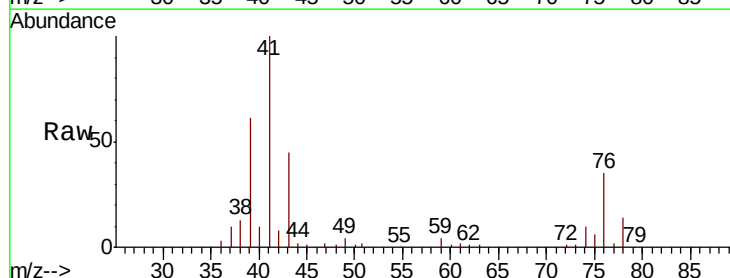
Acq: 22 Nov 2019 11:43

Tgt Ion: 43 Resp: 52106

Ion Ratio Lower Upper

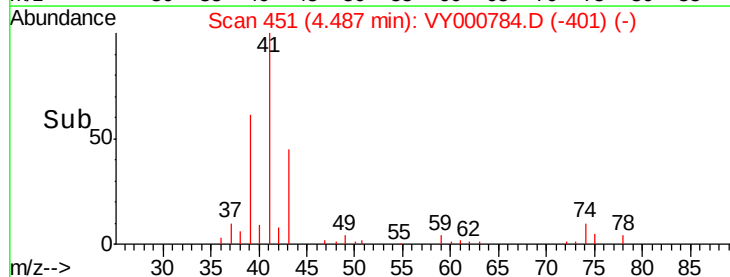
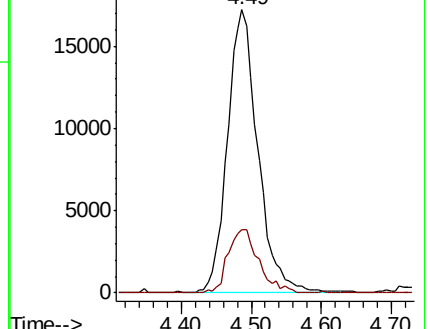
43 100

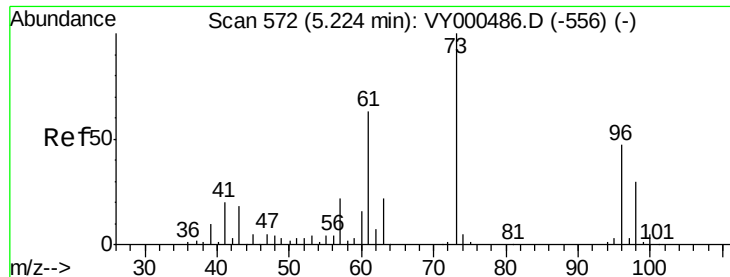
74 22.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY000784.D (-401) (-)

Ion 74.00 (73.70 to 74.70): VY000784.D (-401) (-)

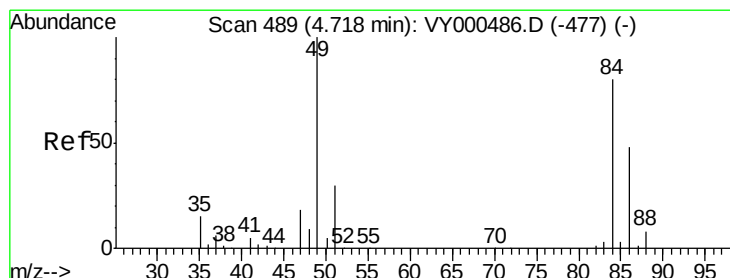
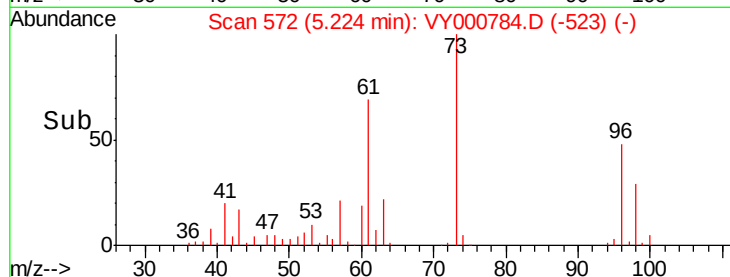
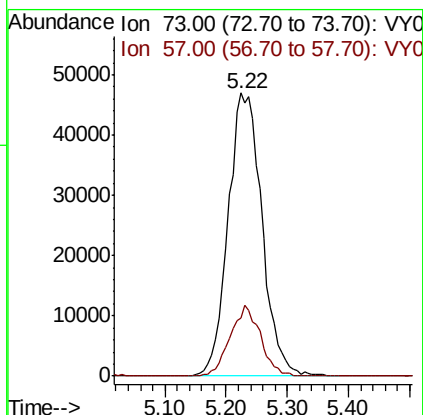
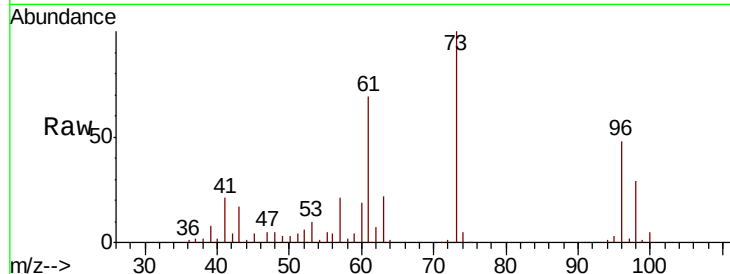




#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

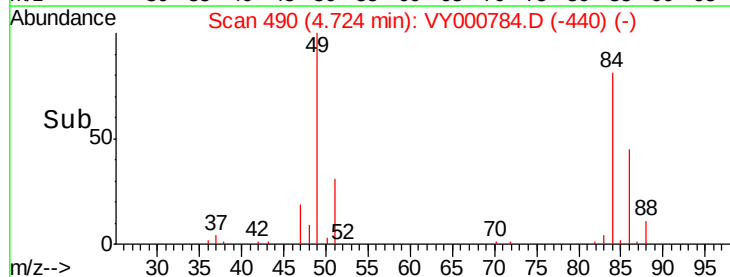
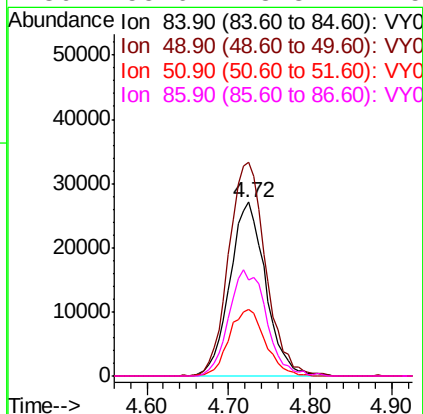
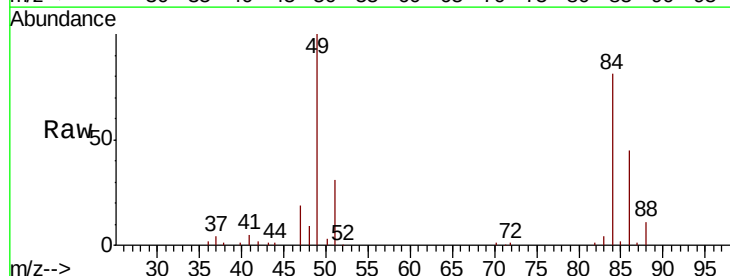
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

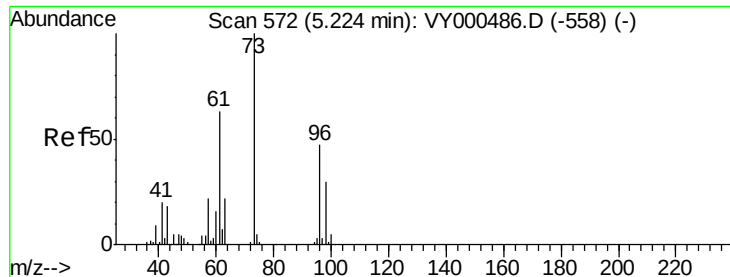
Tot Ion: 73 Resp: 178665
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0



#20
Methylene Chloride
Concen: 21.186 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 84 Resp: 82346
Ion Ratio Lower Upper
84 100
49 122.8 100.2 150.4
51 38.2 29.6 44.4
86 55.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

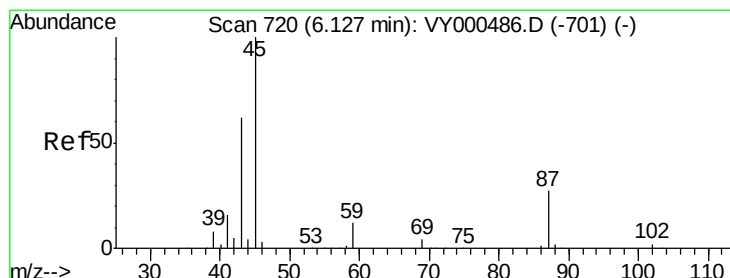
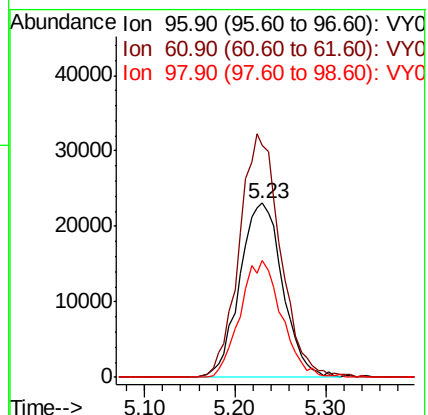
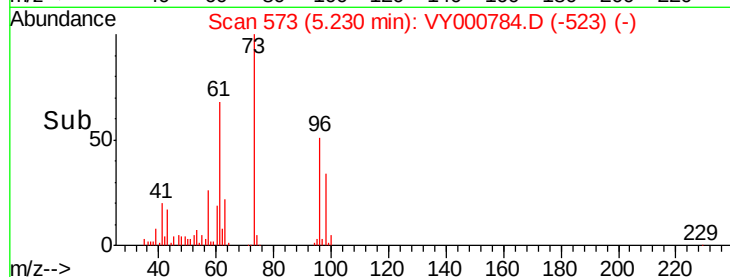
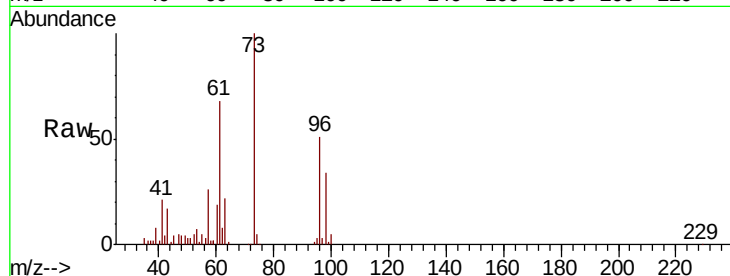
Tot Ion: 96 Resp: 75887

Ion Ratio Lower Upper

96 100

61 133.1 106.6 160.0

98 67.0 50.6 76.0



#22

Diisopropyl ether

Concen: 21.812 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion: 45 Resp: 244894

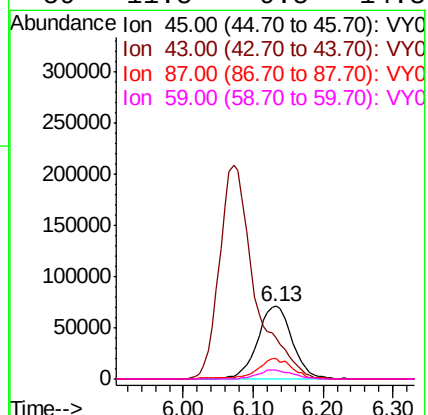
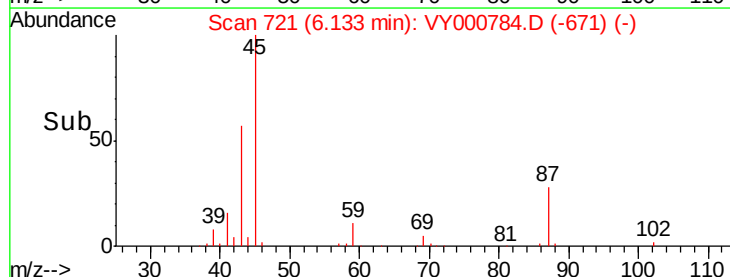
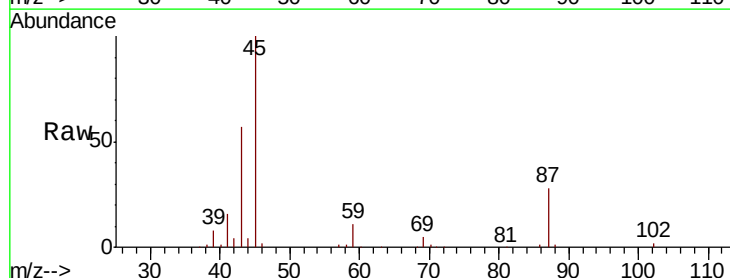
Ion Ratio Lower Upper

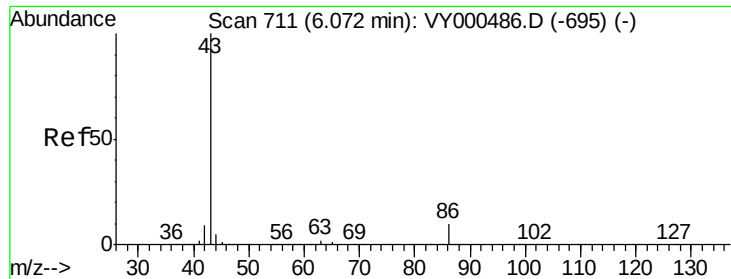
45 100

43 56.0 50.0 75.0

87 28.3 21.6 32.4

59 11.5 9.5 14.3





#23

Vinyl Acetate

Concen: 102.912 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

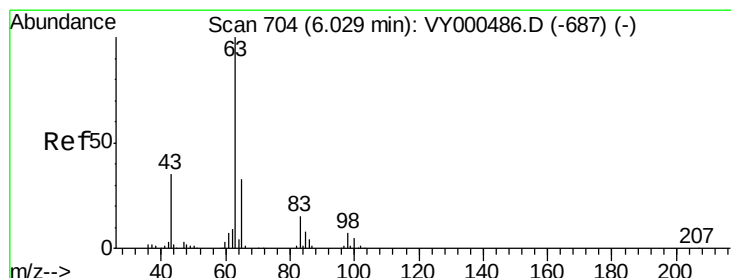
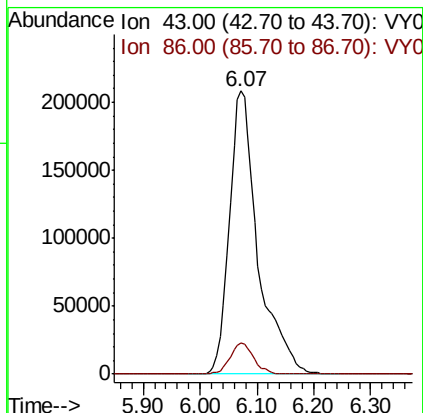
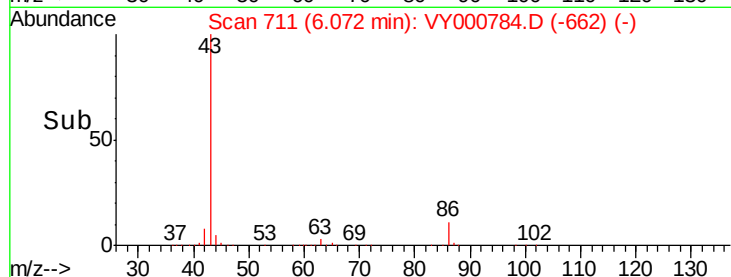
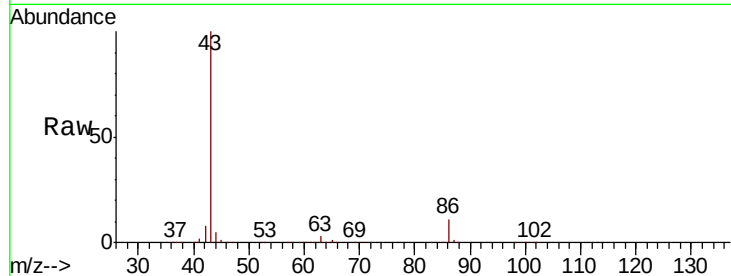
VY1122SBS01

Tot Ion: 43 Resp: 729382

Ion Ratio Lower Upper

43 100

86 11.1 7.8 11.6



#24

1,1-Dichloroethane

Concen: 22.137 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

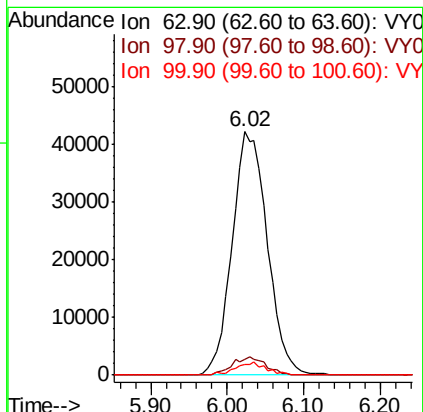
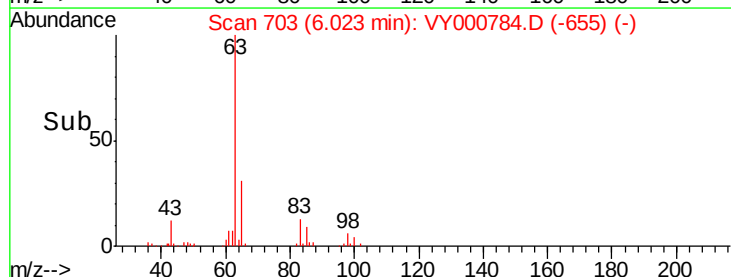
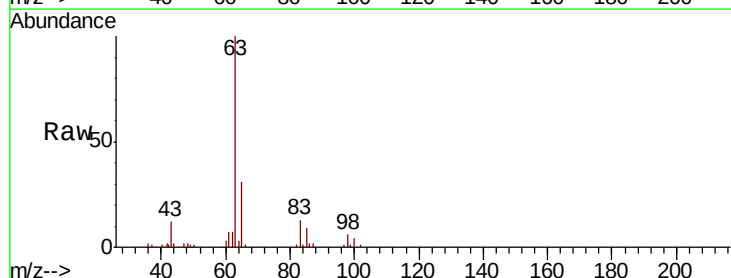
Tgt Ion: 63 Resp: 134647

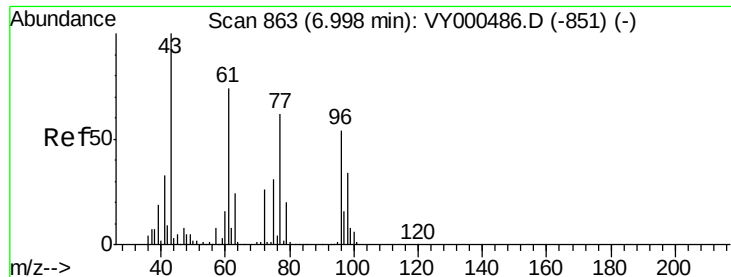
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 4.4 2.4 7.1

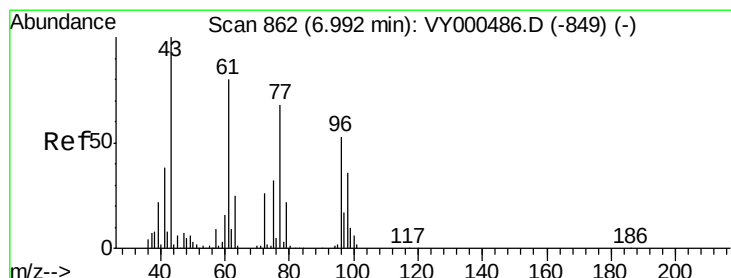
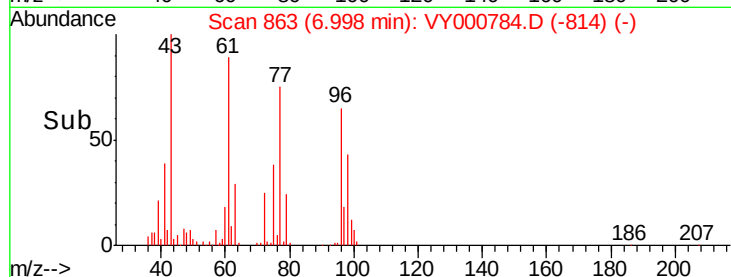
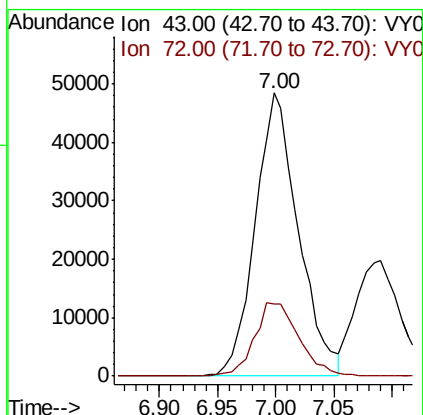
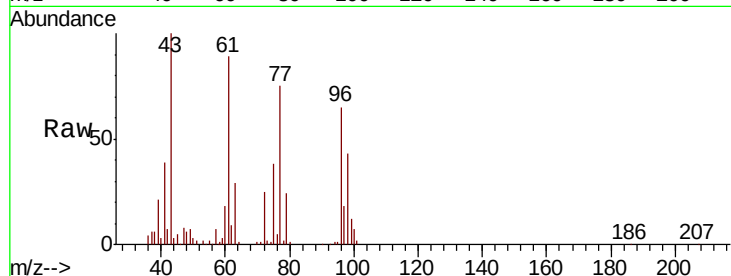




#25
2-Butanone
Concen: 86.202 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

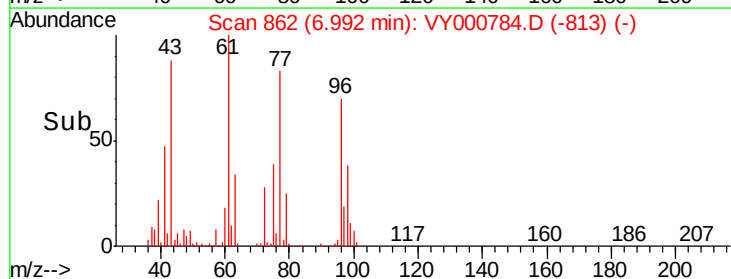
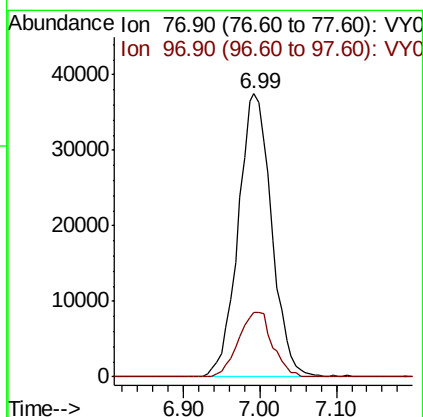
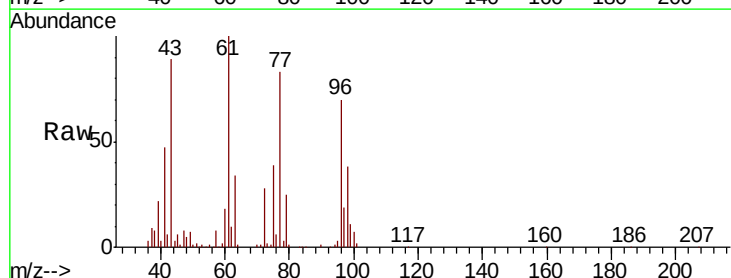
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

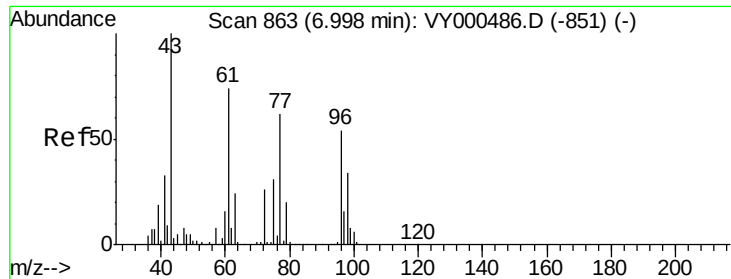
Tot Ion: 43 Resp: 124790
Ion Ratio Lower Upper
43 100
72 25.4 20.9 31.3



#26
2,2-Dichloropropane
Concen: 20.421 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 77 Resp: 113509
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4



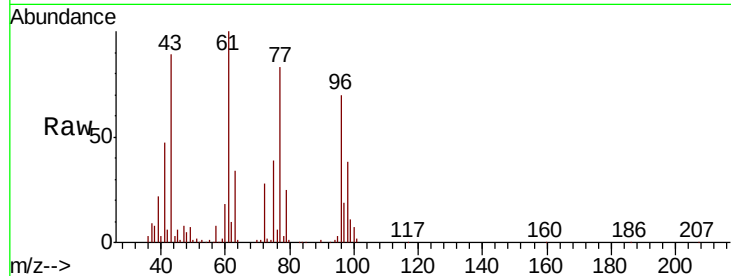


#27

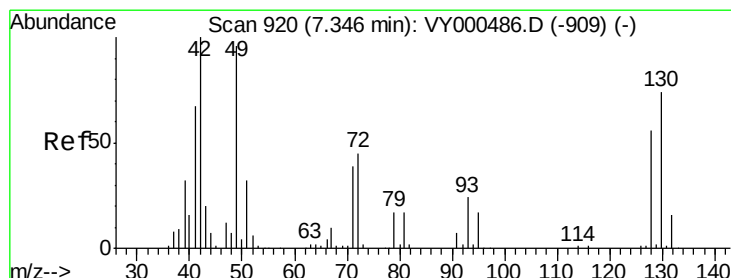
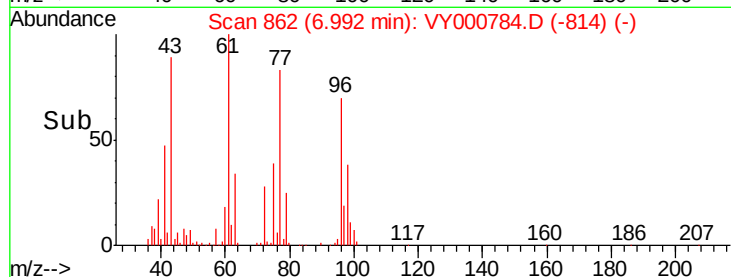
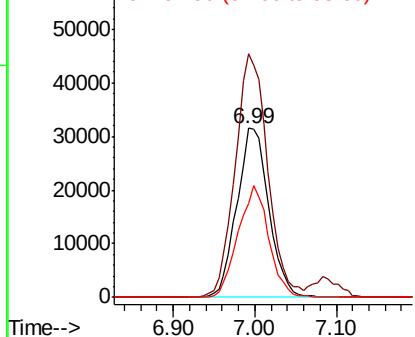
cis-1,2-Dichloroethene
 Concen: 21.851 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 96 Resp: 85809
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 287.0
 98 63.1 0.0 129.4



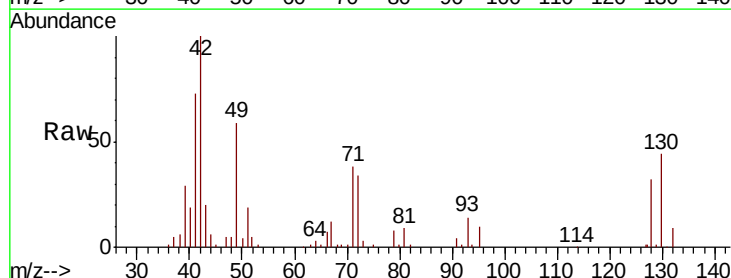
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



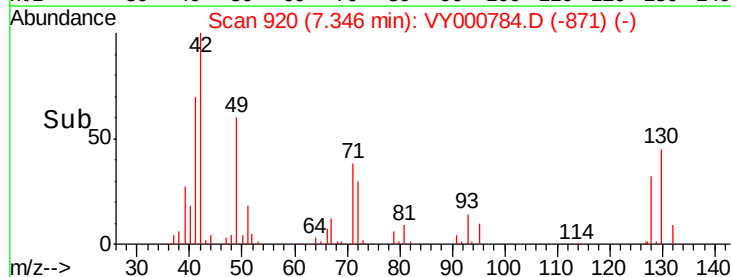
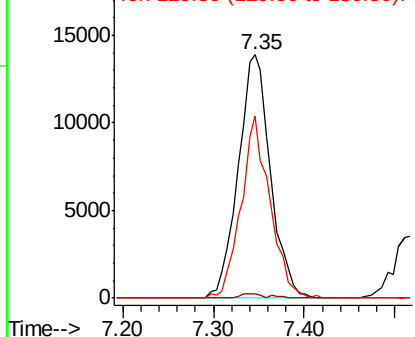
#28

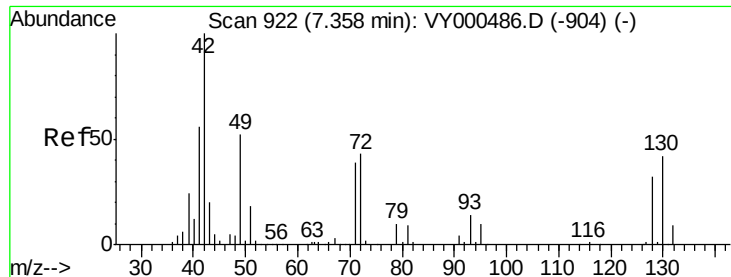
Bromochloromethane
 Concen: 15.375 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 49 Resp: 34087
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.6
 130 67.1 59.4 89.0



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.215 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

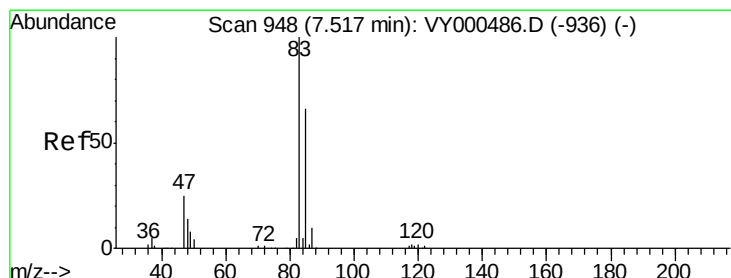
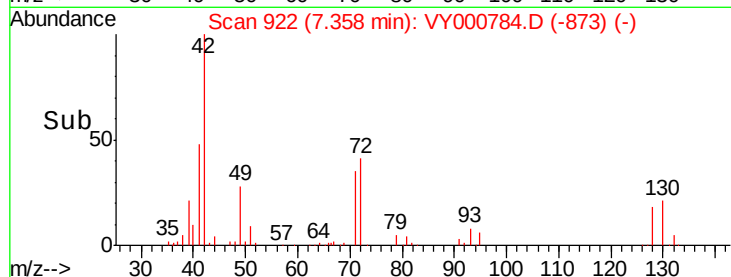
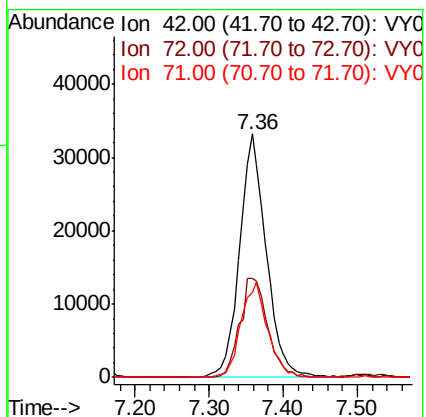
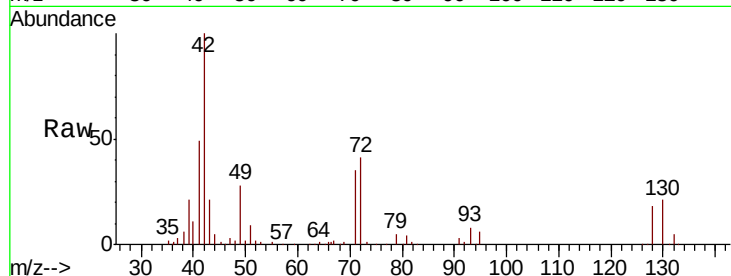
Tot Ion: 42 Resp: 83438

Ion Ratio Lower Upper

42 100

72 42.7 34.0 51.0

71 39.0 30.8 46.2



#30

Chloroform

Concen: 21.982 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000784.D

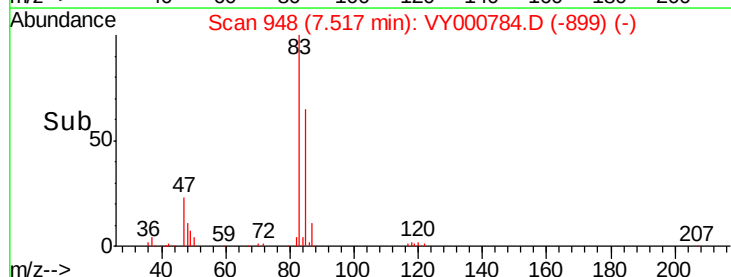
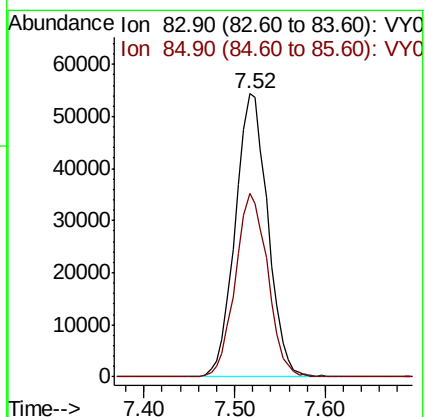
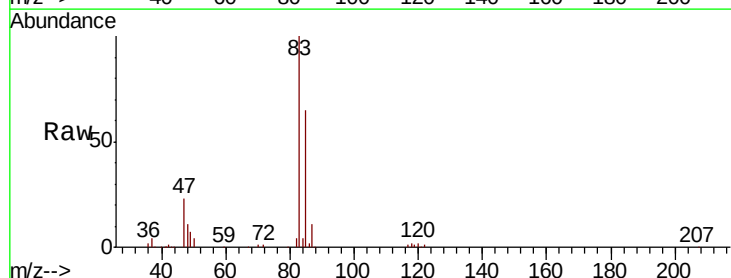
Acq: 22 Nov 2019 11:43

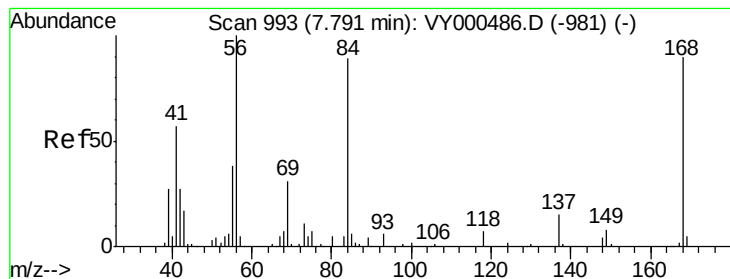
Tgt Ion: 83 Resp: 135255

Ion Ratio Lower Upper

83 100

85 64.8 53.0 79.4





#31

Cyclohexane

Concen: 20.935 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

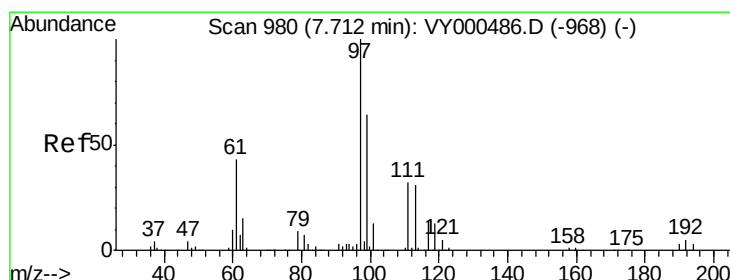
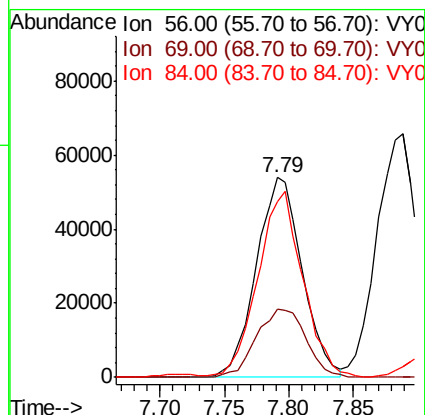
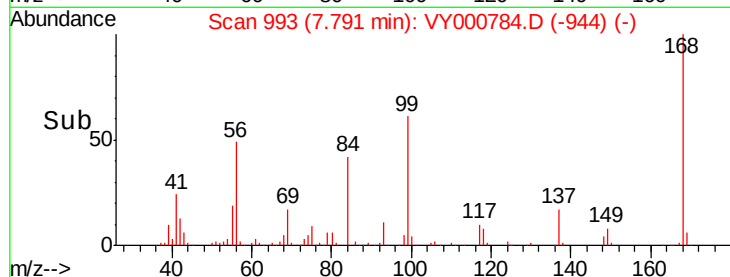
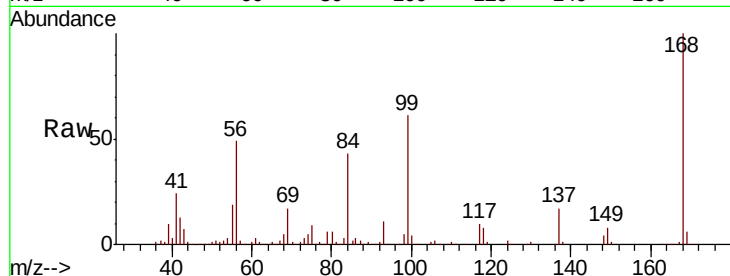
Tot Ion: 56 Resp: 133372

Ion Ratio Lower Upper

56 100

69 34.4 25.0 37.6

84 86.1 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 20.589 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

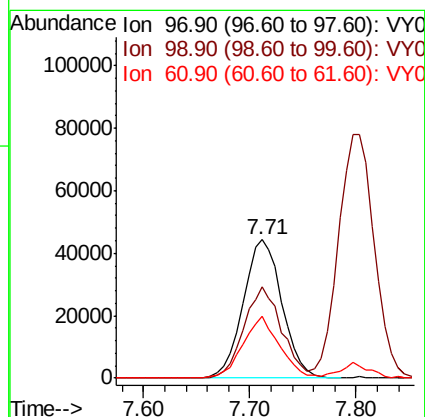
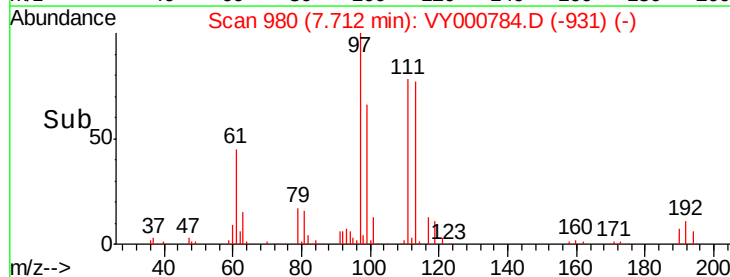
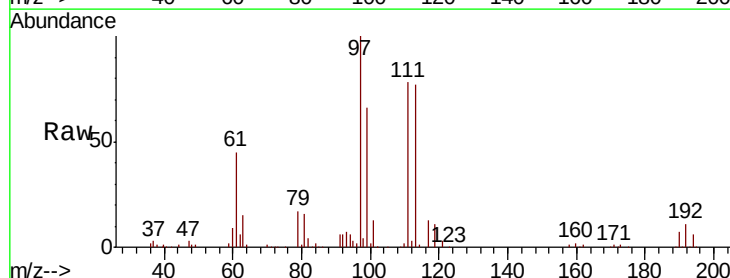
Tgt Ion: 97 Resp: 112904

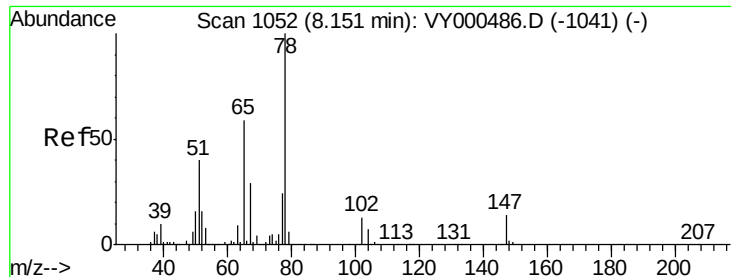
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 42.5 34.9 52.3

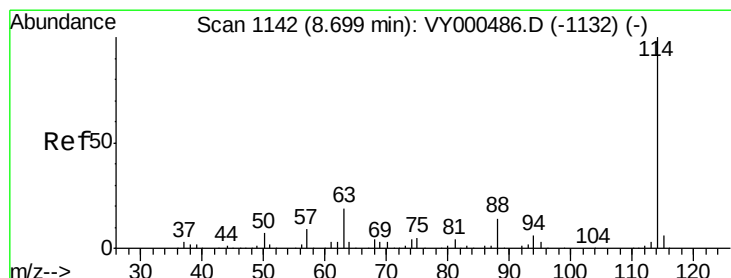
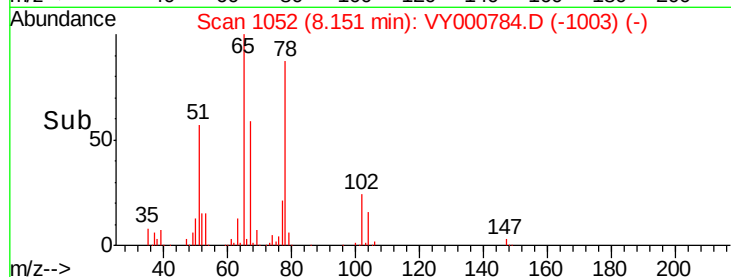
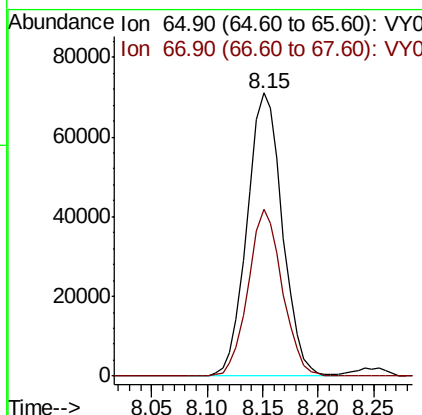
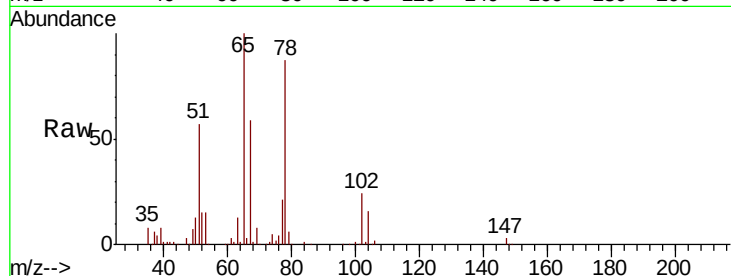




#33
 1,2-Dichloroethane-d4
 Concen: 47.779 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

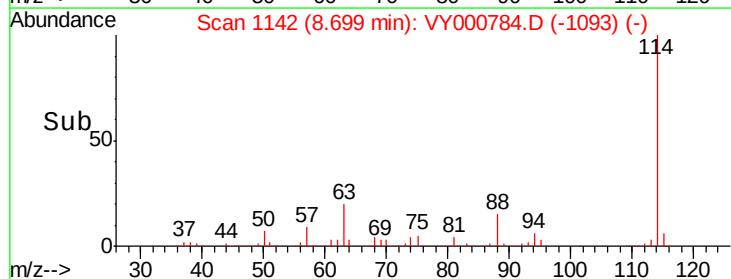
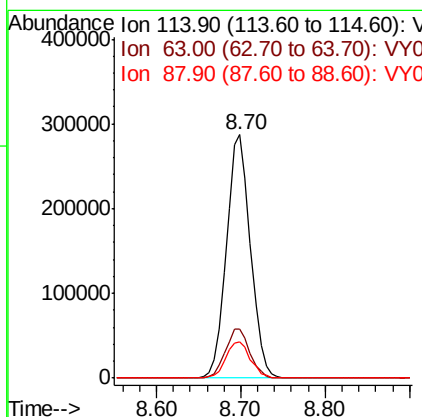
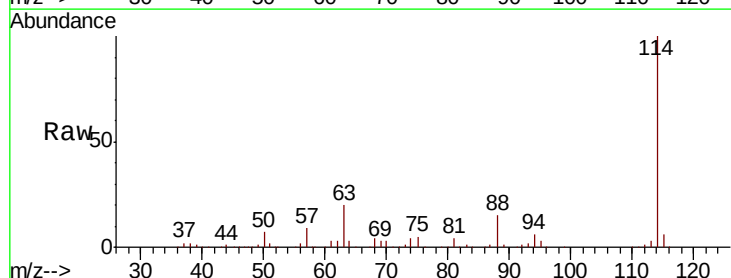
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

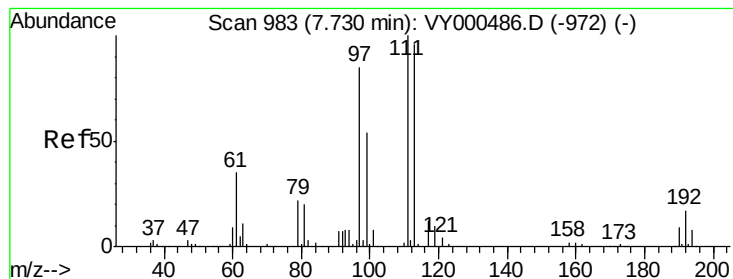
Tot Ion: 65 Resp: 157249
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 114 Resp: 555508
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.0 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.469 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

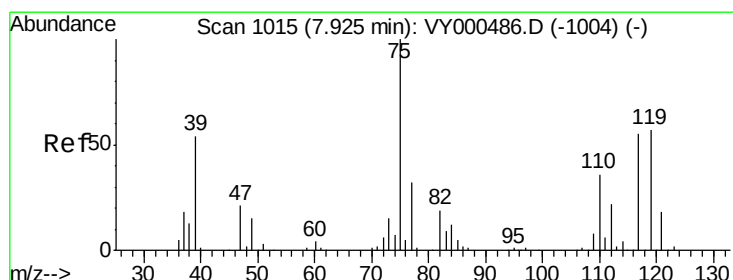
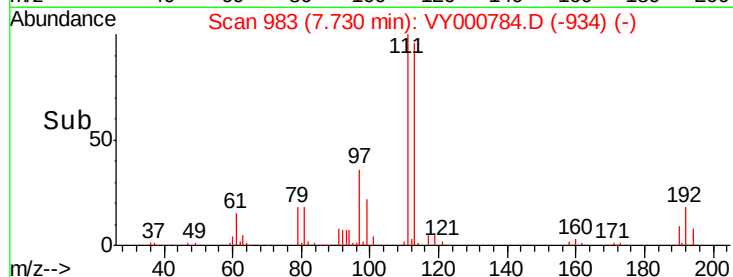
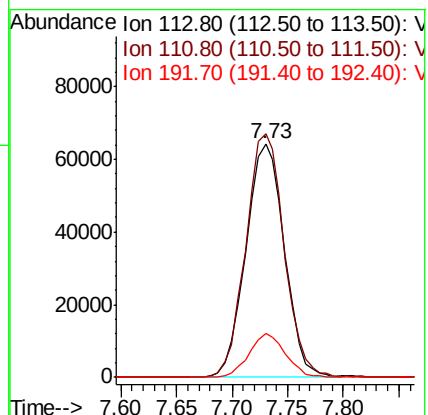
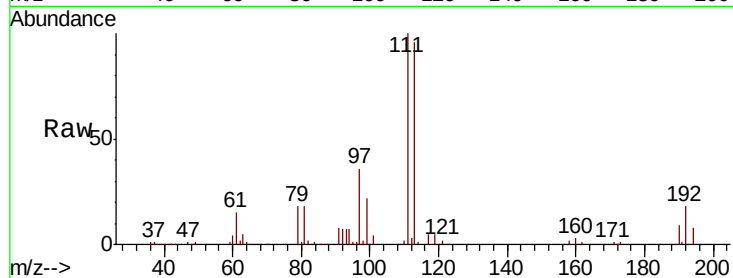
Tot Ion:113 Resp: 154805

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

192 17.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 19.977 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

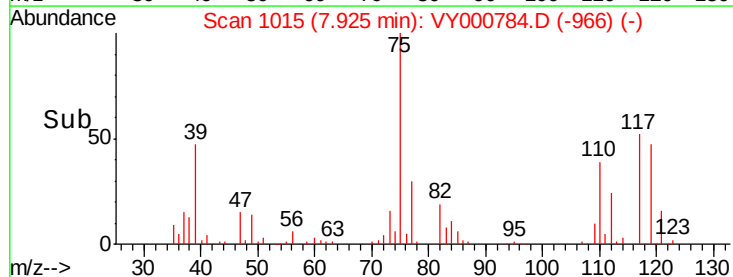
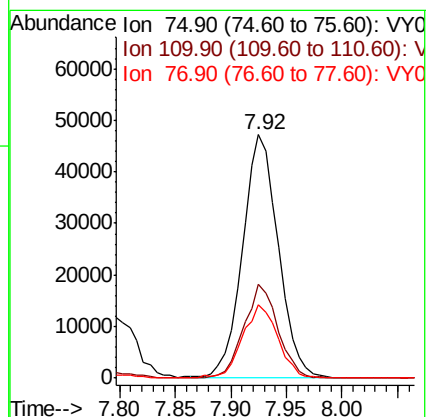
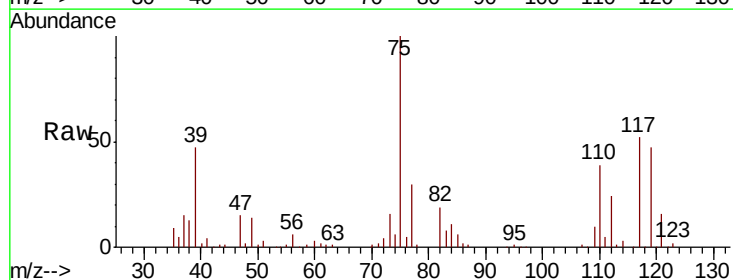
Tgt Ion: 75 Resp: 104911

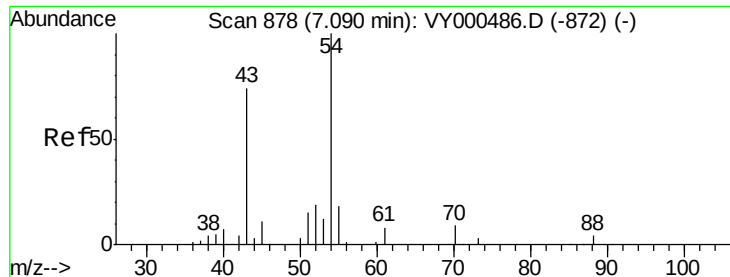
Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.1

77 30.0 25.0 37.6





#37

Ethyl Acetate

Concen: 17.406 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

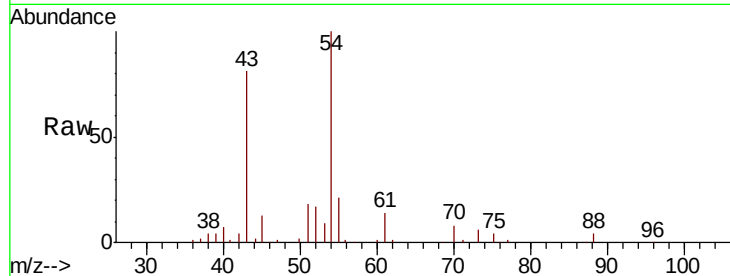
Tot Ion: 43 Resp: 54269

Ion Ratio Lower Upper

43 100

61 15.6 10.2 15.2#

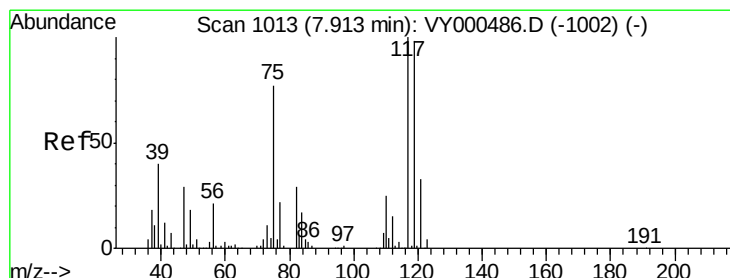
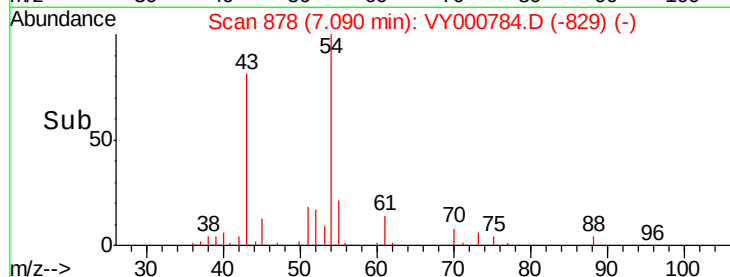
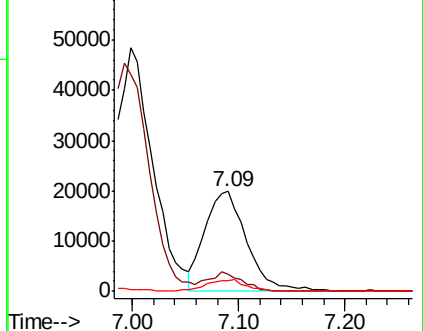
70 10.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY000784.D (-872) (-)

Ion 60.90 (60.60 to 61.60): VY000784.D (-872) (-)

Ion 70.00 (69.70 to 70.70): VY000784.D (-872) (-)



#38

Carbon Tetrachloride

Concen: 19.102 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

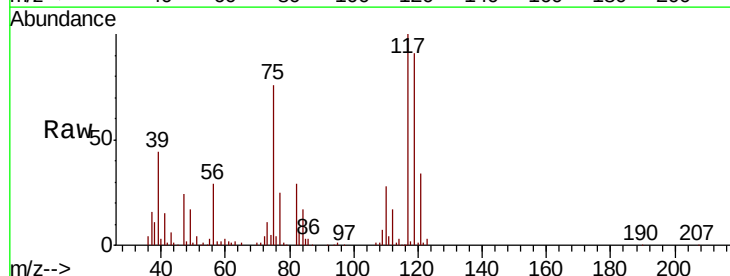
Tgt Ion: 117 Resp: 96523

Ion Ratio Lower Upper

117 100

119 90.7 78.0 117.0

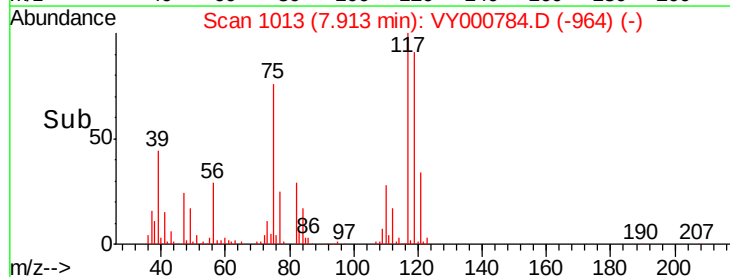
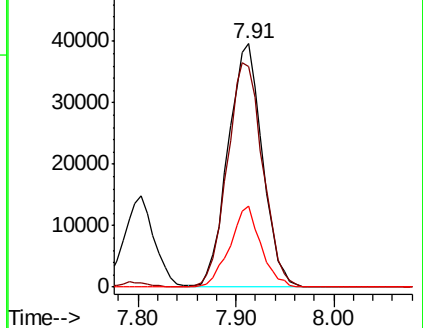
121 33.5 26.6 40.0

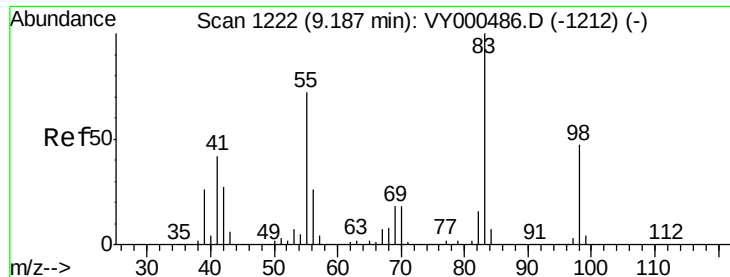


Abundance Ion 116.80 (116.50 to 117.50): VY000784.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000784.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000784.D (-1002) (-)

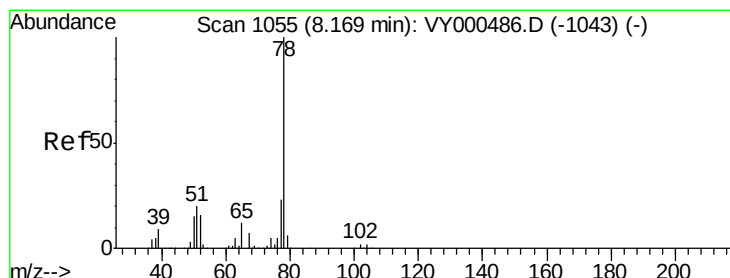
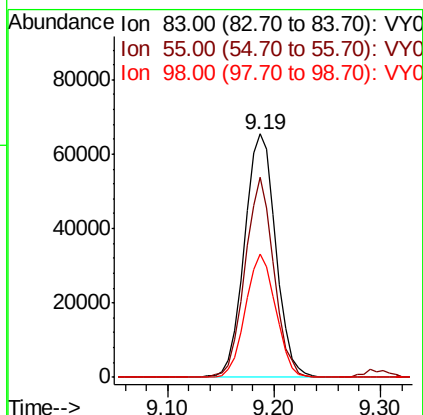
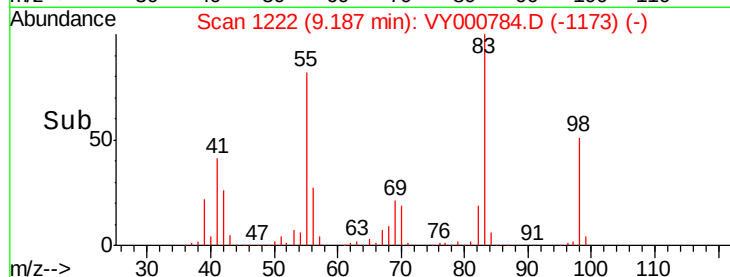
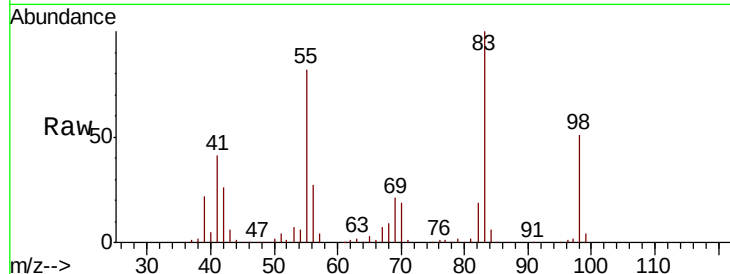




#39
Methylvlcyclohexane
Concen: 19.885 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

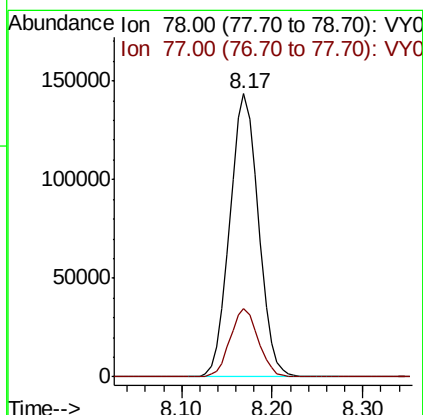
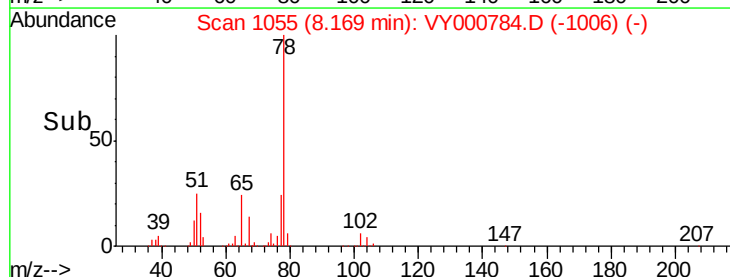
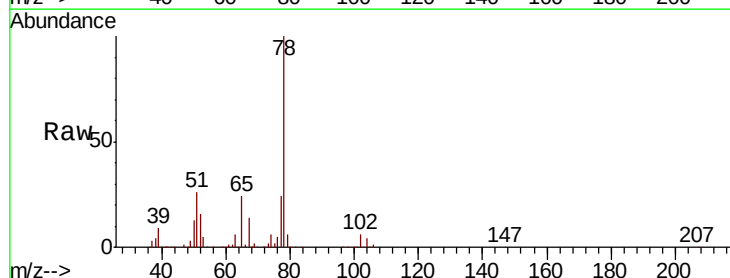
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

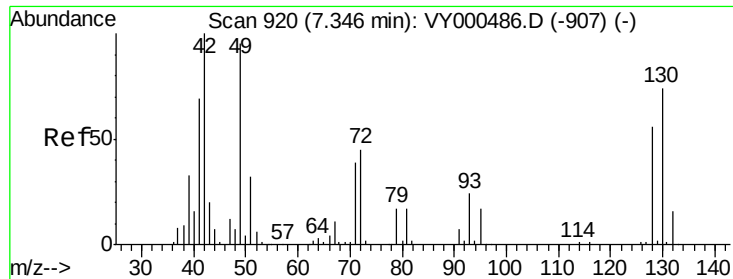
Tot Ion: 83 Resp: 134908
Ion Ratio Lower Upper
83 100
55 82.0 57.5 86.3
98 50.7 38.0 57.0



#40
Benzene
Concen: 20.490 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 78 Resp: 315465
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

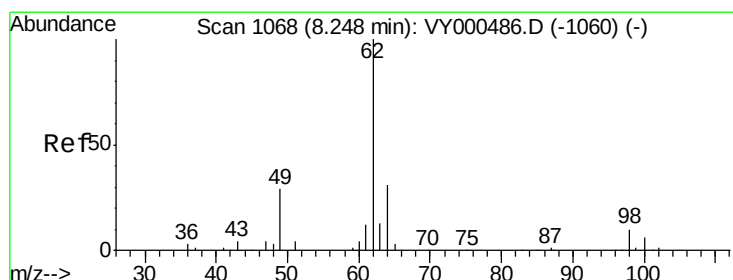
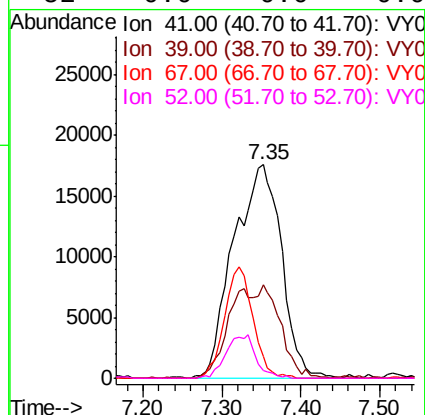
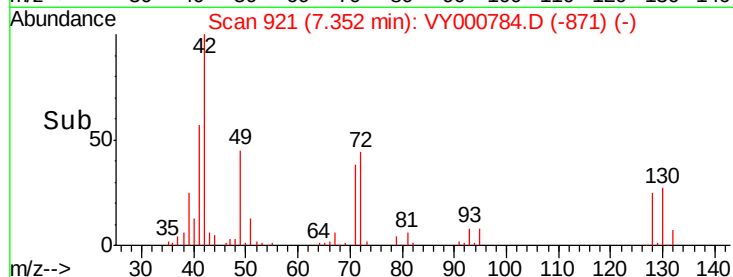
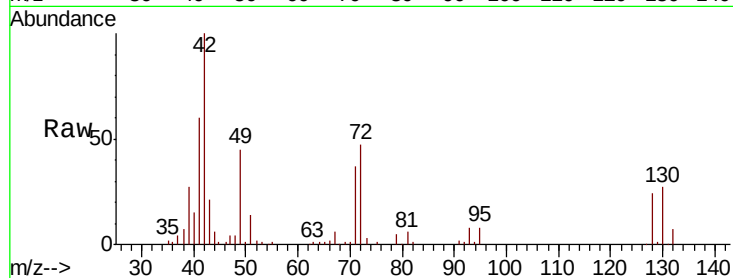




#41
Methacrylonitrile
Concen: 42.476 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

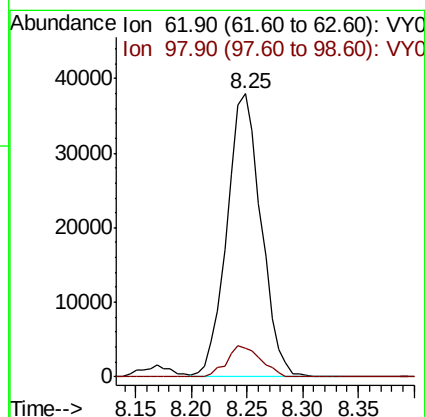
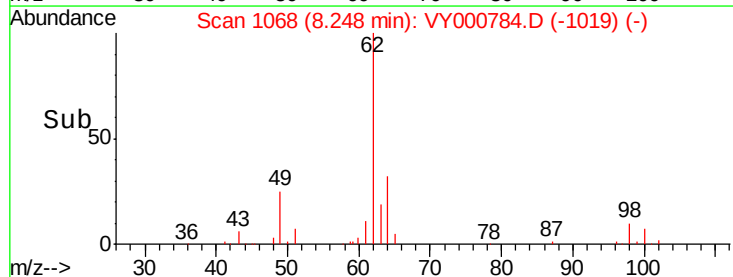
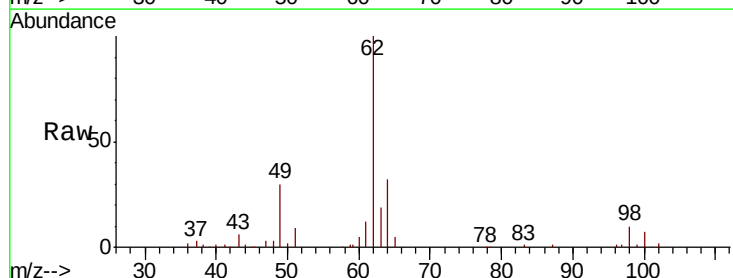
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

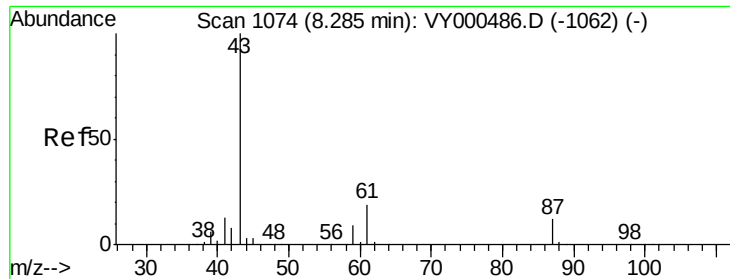
Tot Ion: 41 Resp: 73880
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 18.517 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 62 Resp: 80861
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 17.819 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

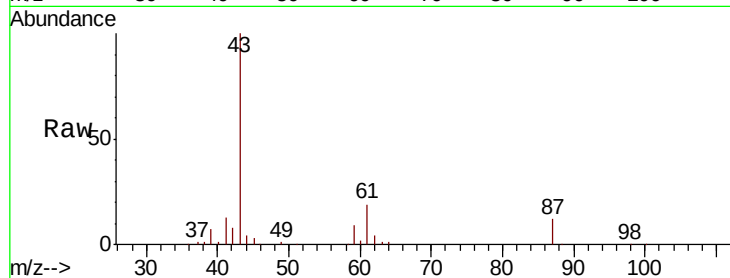
Tot Ion: 43 Resp: 104363

Ion Ratio Lower Upper

43 100

61 30.2 23.0 34.4

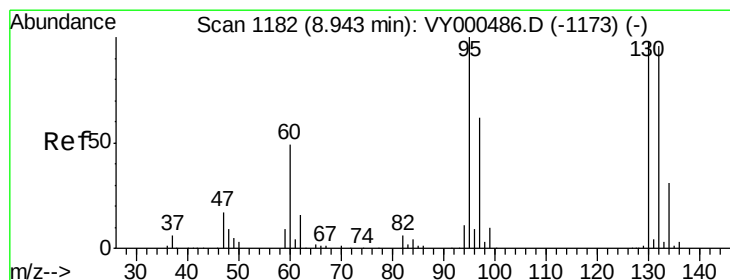
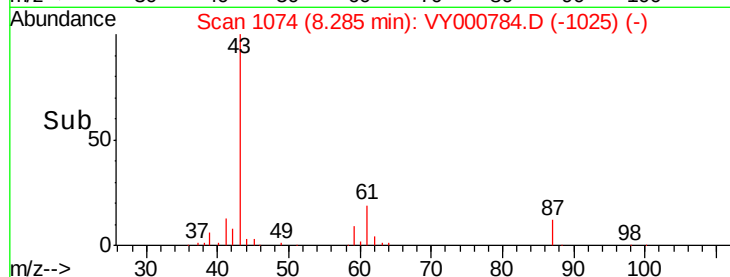
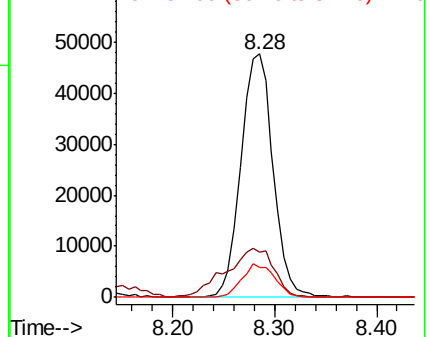
87 14.0 10.5 15.7



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



#44

Trichloroethene

Concen: 20.604 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000784.D

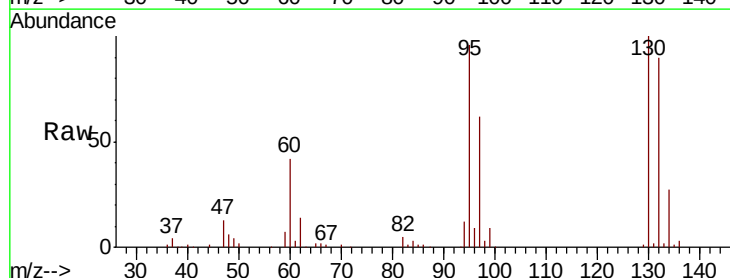
Acq: 22 Nov 2019 11:43

Tgt Ion:130 Resp: 83639

Ion Ratio Lower Upper

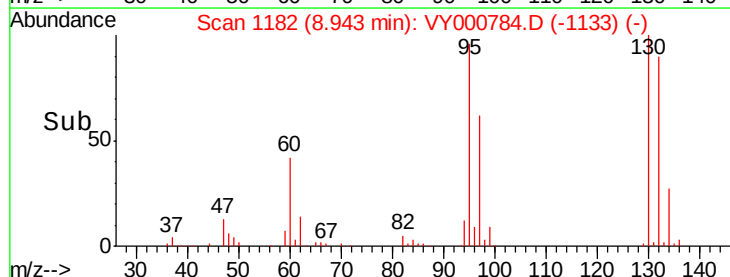
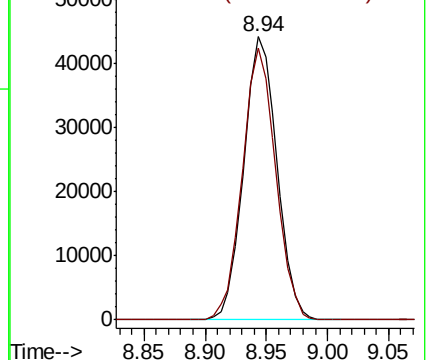
130 100

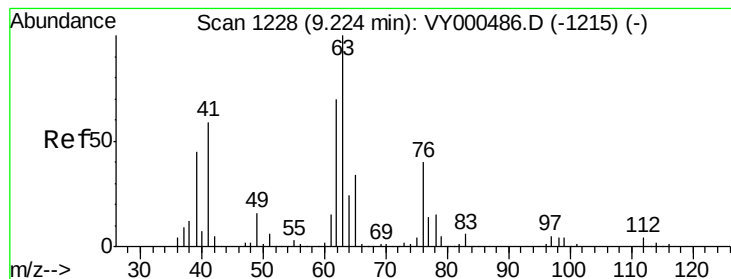
95 96.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.070 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

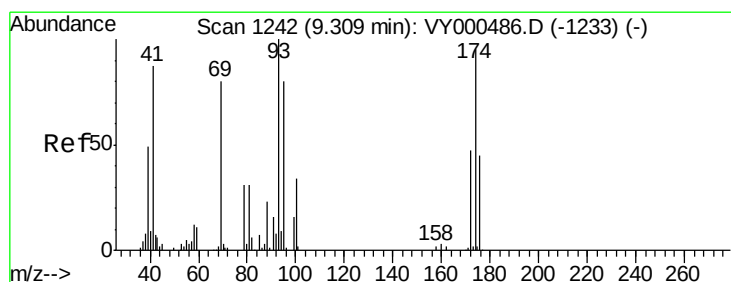
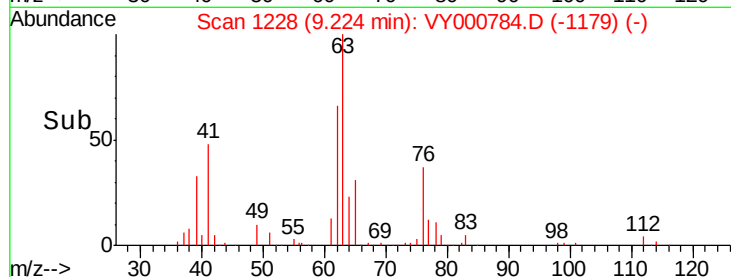
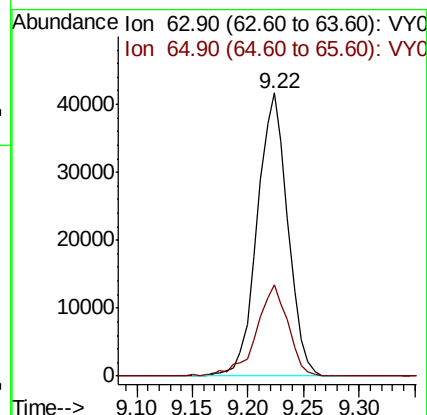
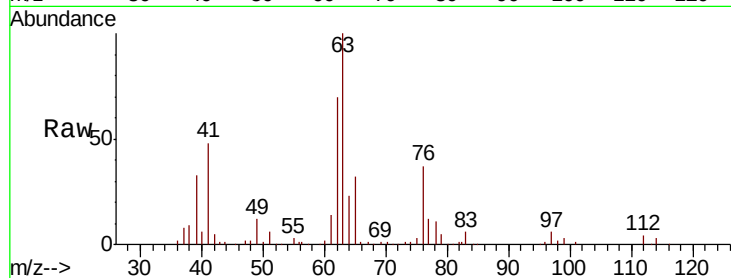
VY1122SBS01

Tot Ion: 63 Resp: 79841

Ion Ratio Lower Upper

63 100

65 32.2 27.0 40.4



#46

Dibromomethane

Concen: 19.193 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

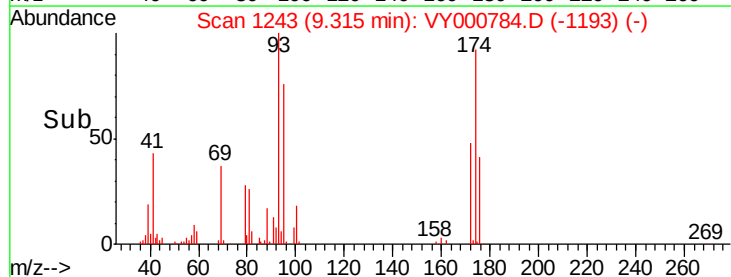
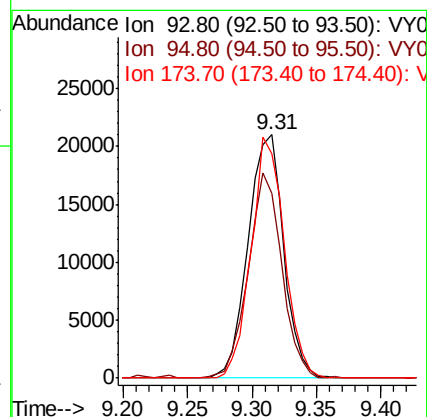
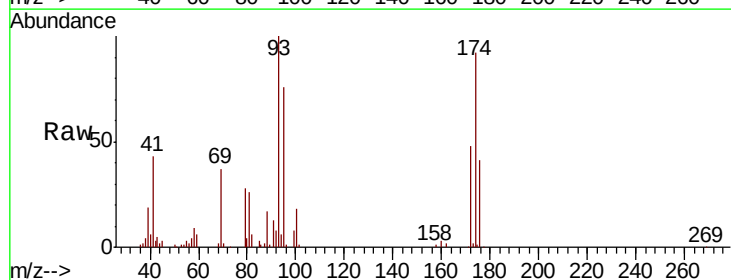
Tgt Ion: 93 Resp: 39997

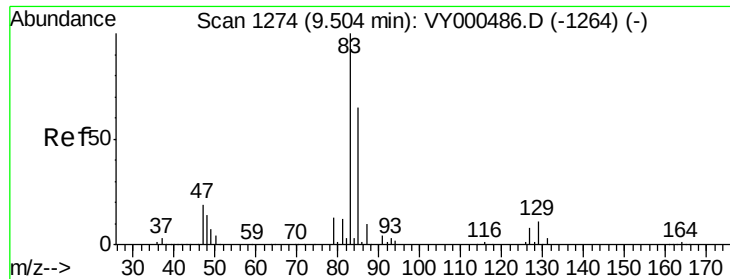
Ion Ratio Lower Upper

93 100

95 79.5 66.4 99.6

174 92.3 77.1 115.7





#47

Bromodichloromethane

Concen: 19.728 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

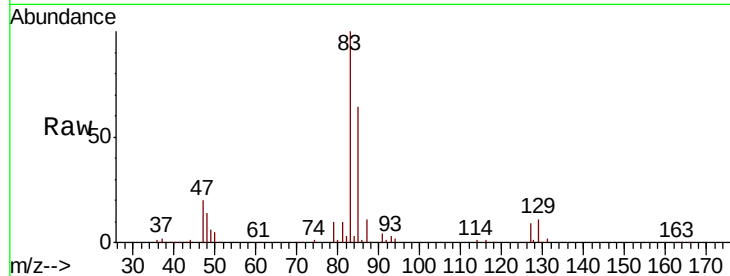
Tot Ion: 83 Resp: 97554

Ion Ratio Lower Upper

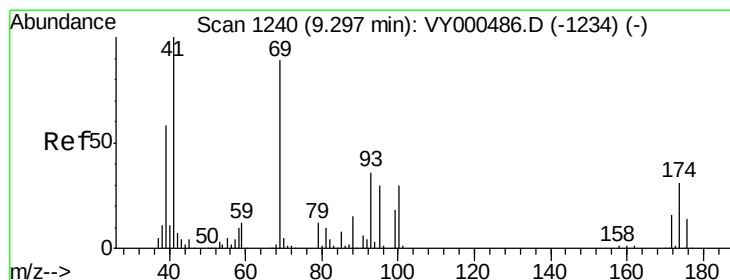
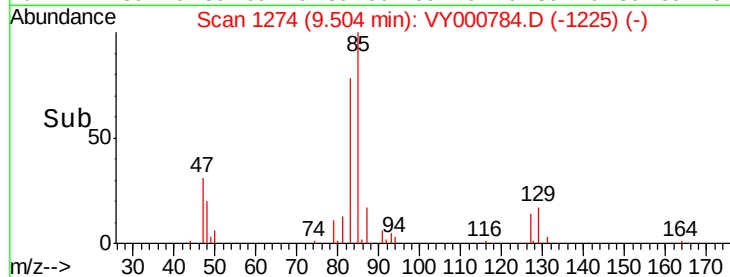
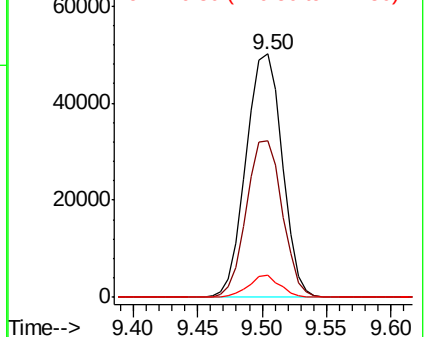
83 100

85 64.2 51.8 77.8

127 9.2 6.7 10.1



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): VY0



#48

Methyl methacrylate

Concen: 18.024 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

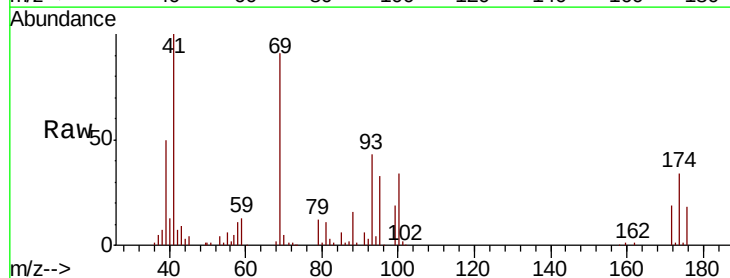
Tgt Ion: 41 Resp: 46124

Ion Ratio Lower Upper

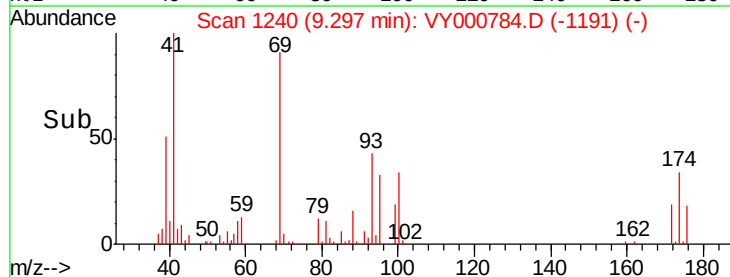
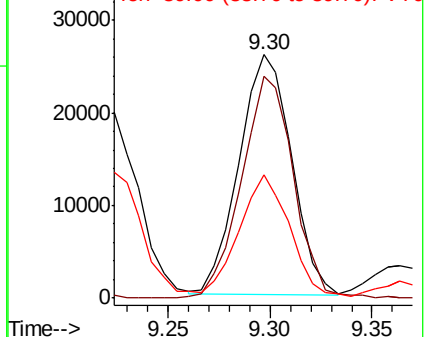
41 100

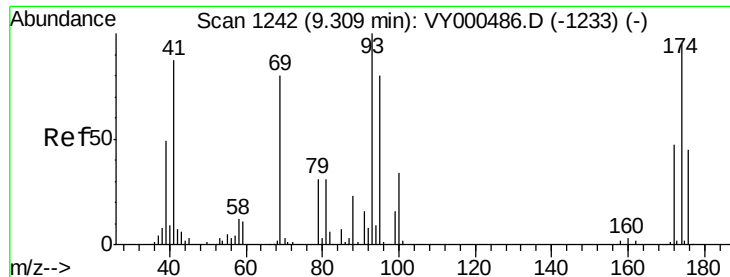
69 92.2 72.5 108.7

39 50.1 47.8 71.8



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: 376.082 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

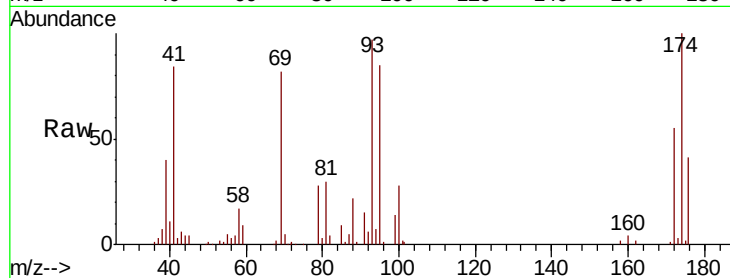
Tot Ion: 88 Resp: 10548

Ion Ratio Lower Upper

88 100

43 33.2 25.1 37.7

58 80.7 50.6 75.8#

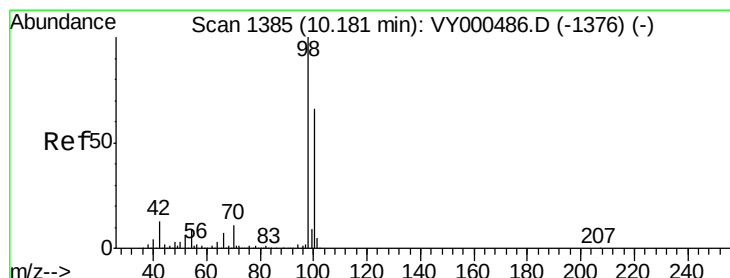
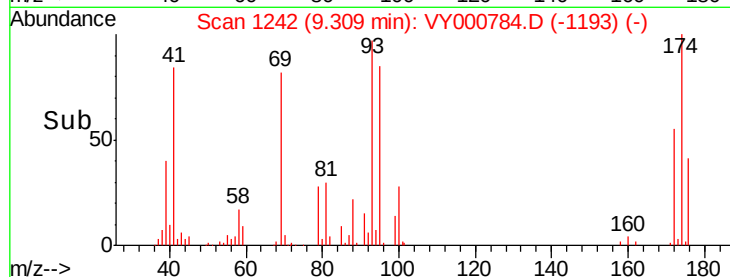
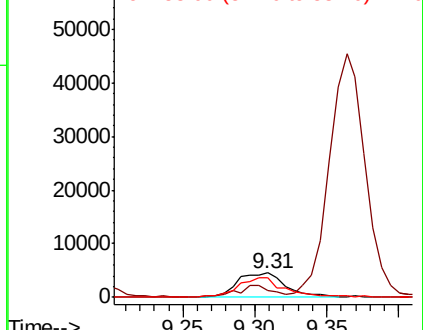


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.786 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000784.D

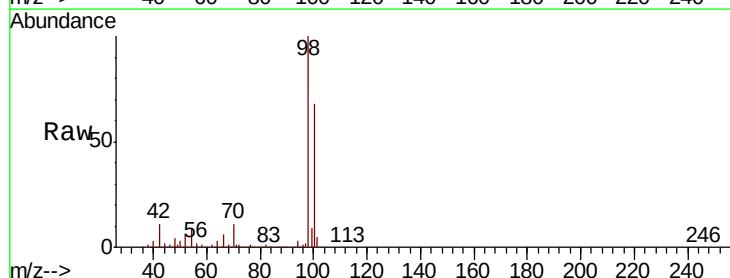
Acq: 22 Nov 2019 11:43

Tgt Ion: 98 Resp: 640830

Ion Ratio Lower Upper

98 100

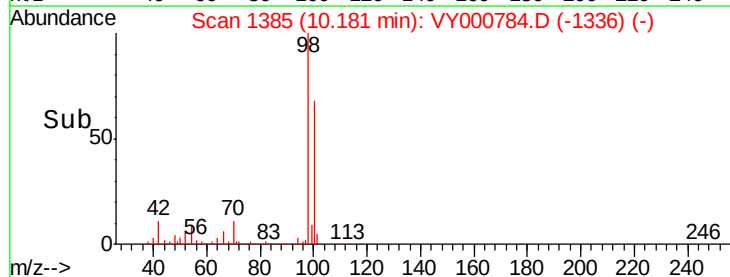
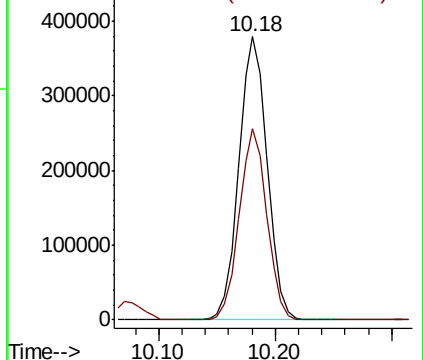
100 66.0 52.9 79.3

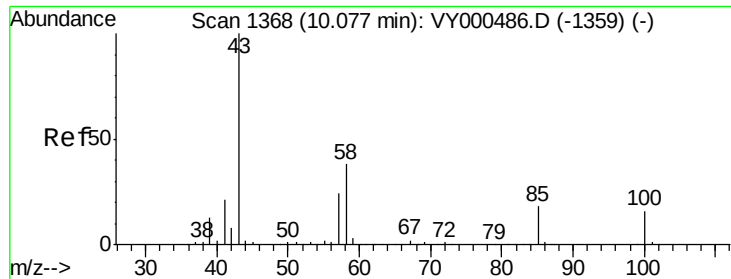


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

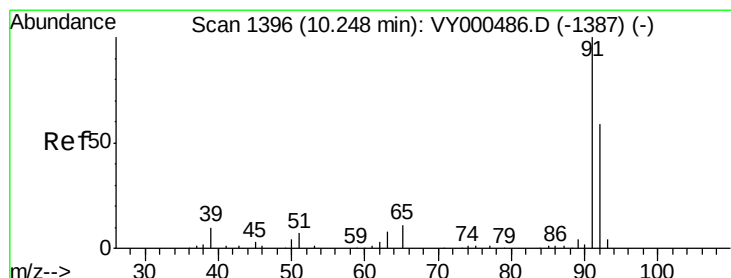
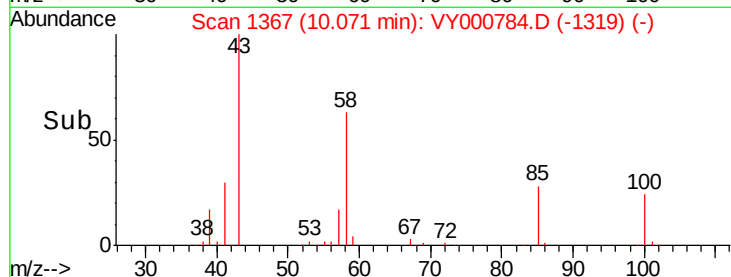
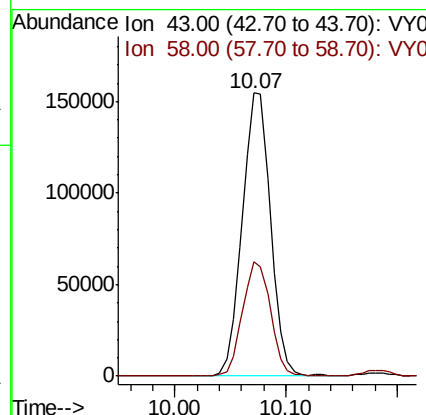
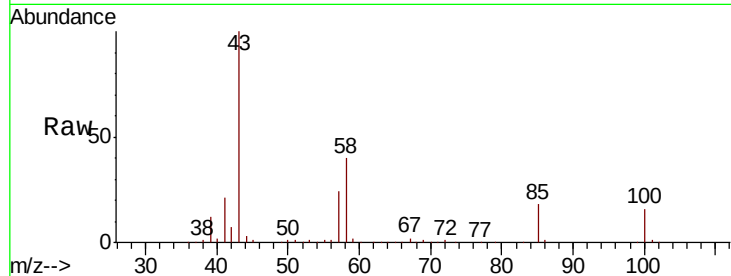




#51
4-Methyl-2-Pentanone
Concen: 87.714 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

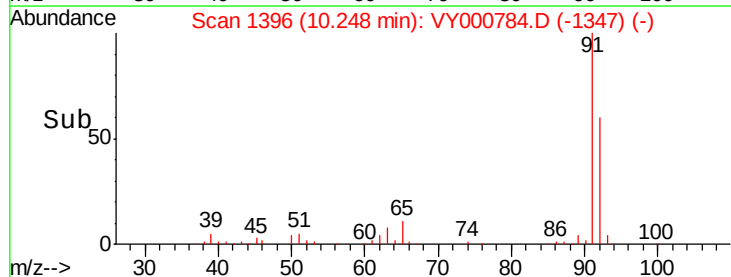
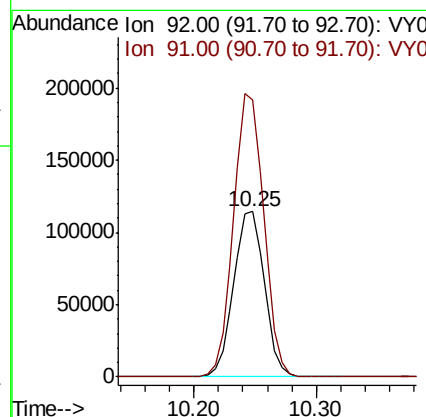
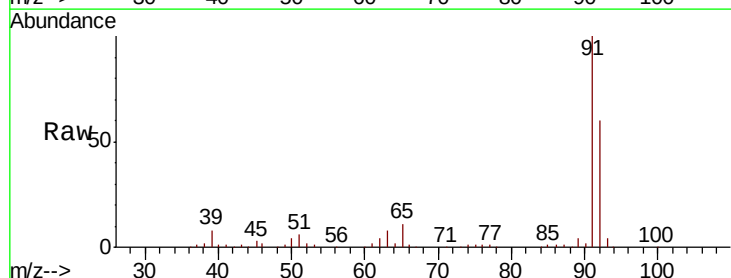
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

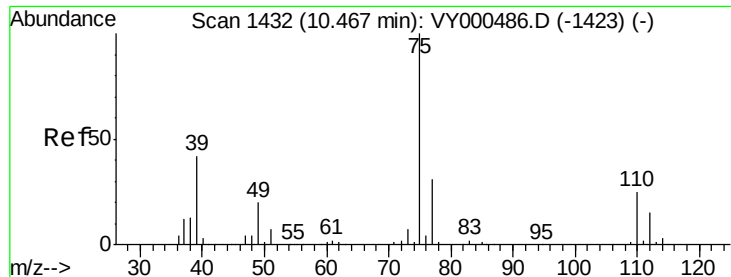
Tot Ion: 43 Resp: 273137
Ion Ratio Lower Upper
43 100
58 39.8 30.2 45.4



#52
Toluene
Concen: 20.400 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 92 Resp: 198573
Ion Ratio Lower Upper
92 100
91 169.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.694 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

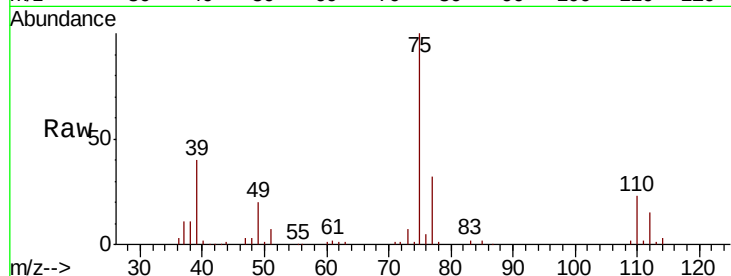
VY1122SBS01

Tot Ion: 75 Resp: 104054

Ion Ratio Lower Upper

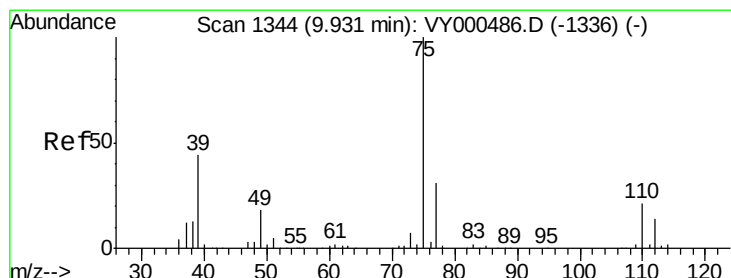
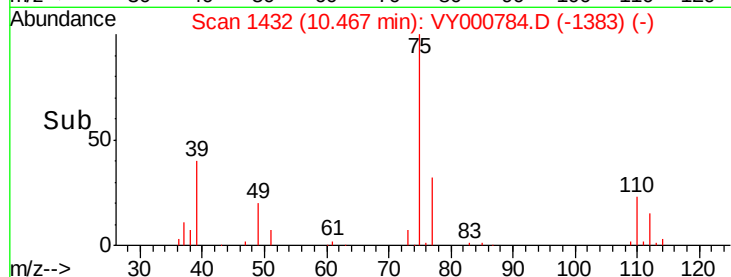
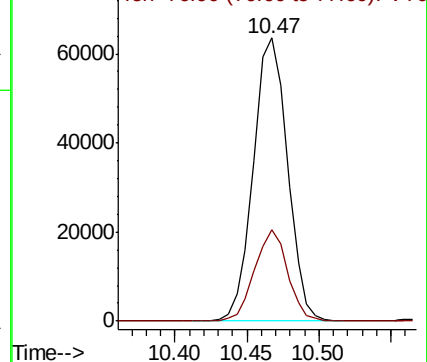
75 100

77 32.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.931 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

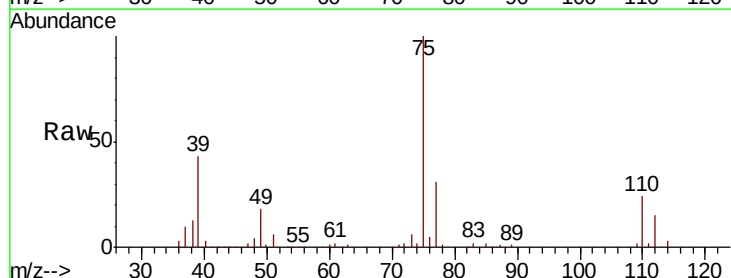
Tgt Ion: 75 Resp: 120640

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7

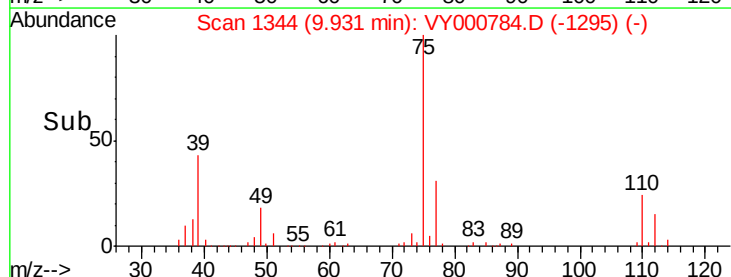
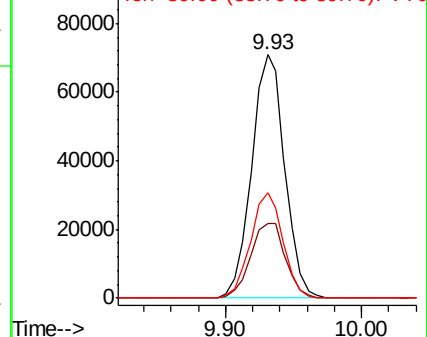
39 43.2 35.4 53.2

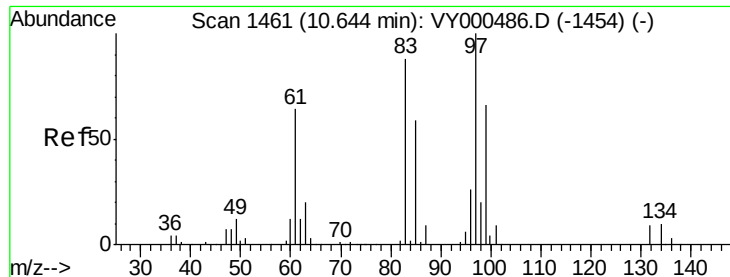


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

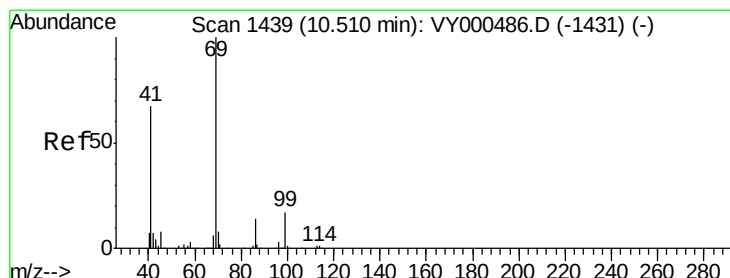
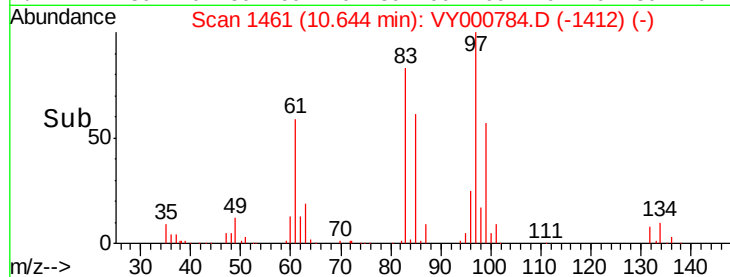
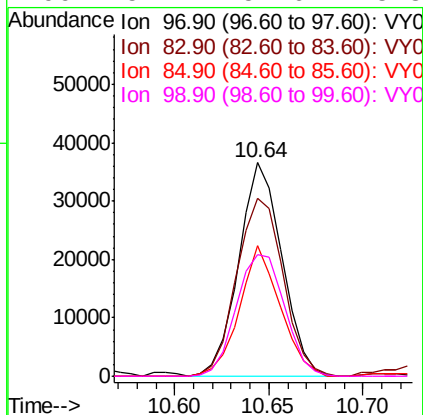
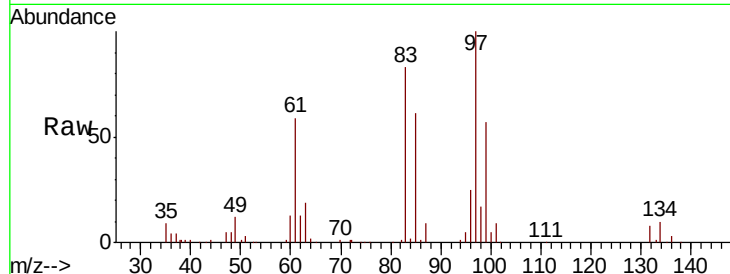




#55
 1,1,2-Trichloroethane
 Concen: 19.284 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

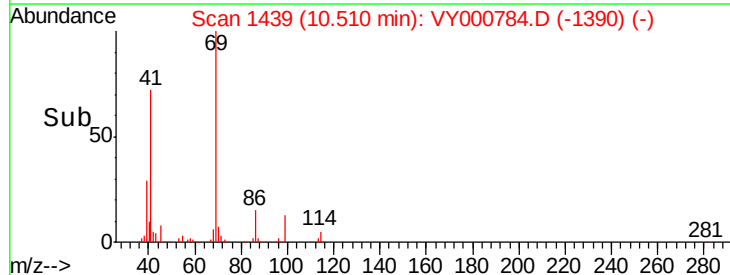
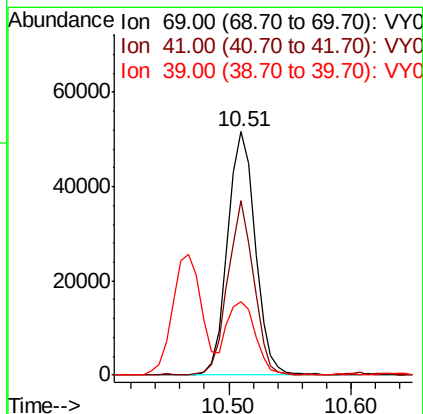
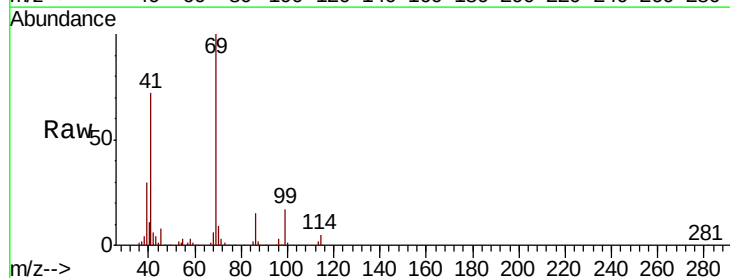
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

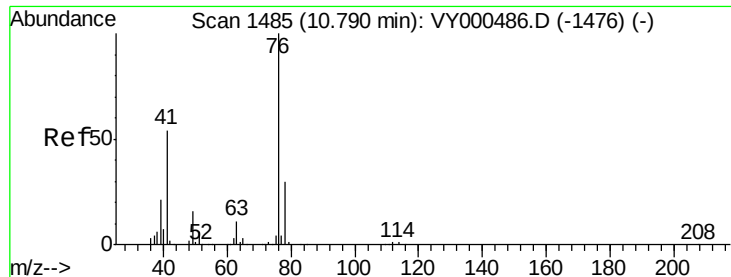
Tot Ion: 97 Resp: 58125
 Ion Ratio Lower Upper
 97 100
 83 83.2 70.2 105.4
 85 61.2 46.9 70.3
 99 57.1 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 18.909 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 69 Resp: 80784
 Ion Ratio Lower Upper
 69 100
 41 67.6 53.3 79.9
 39 30.8 28.0 42.0





#57

1,3-Dichloropropane

Concen: 19.919 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

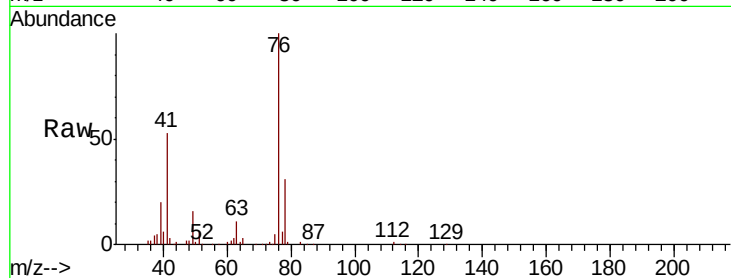
VY1122SBS01

Tot Ion: 76 Resp: 105082

Ion Ratio Lower Upper

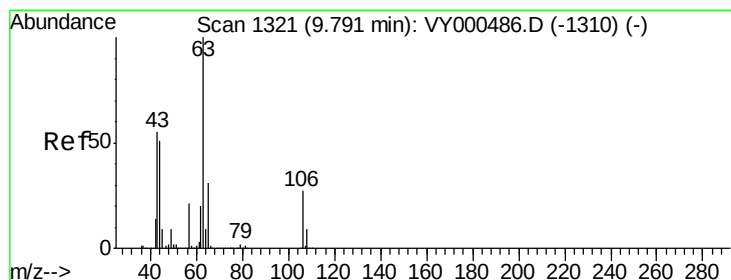
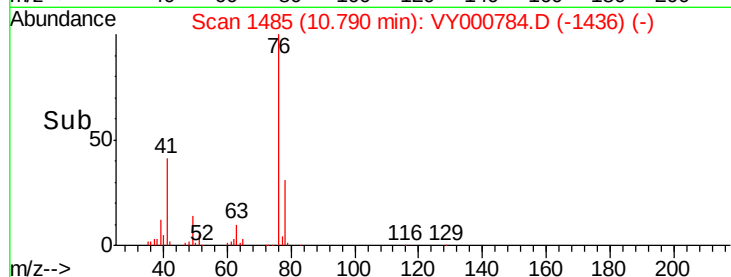
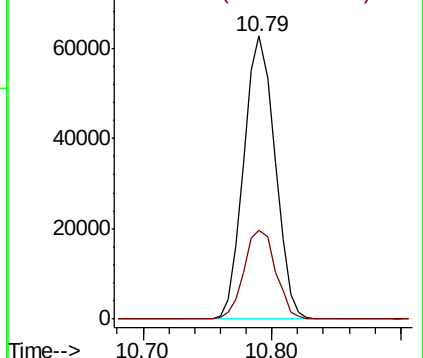
76 100

78 32.0 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 97.306 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000784.D

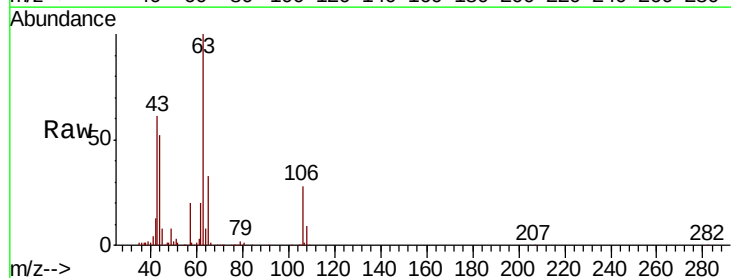
Acq: 22 Nov 2019 11:43

Tgt Ion: 63 Resp: 187935

Ion Ratio Lower Upper

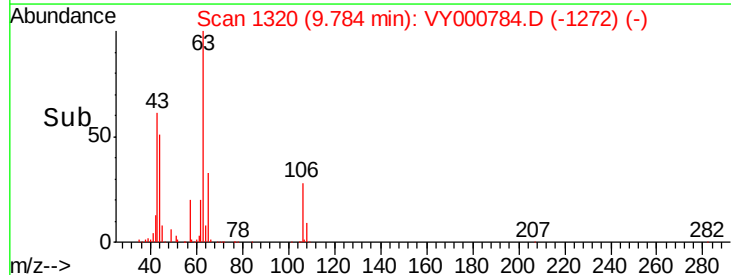
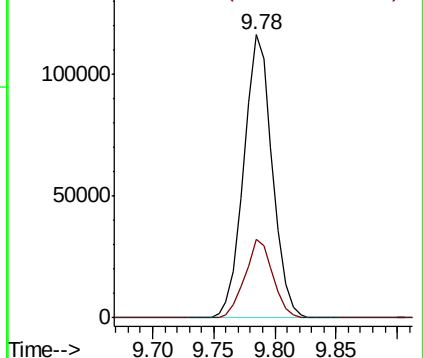
63 100

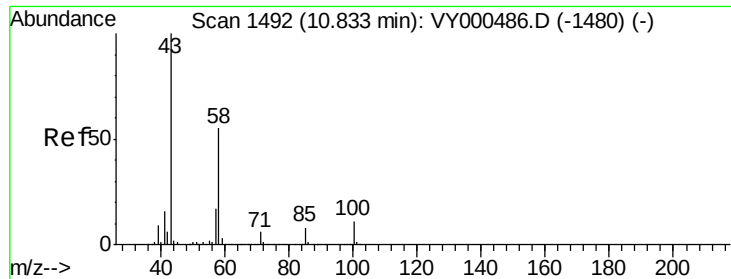
106 27.1 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

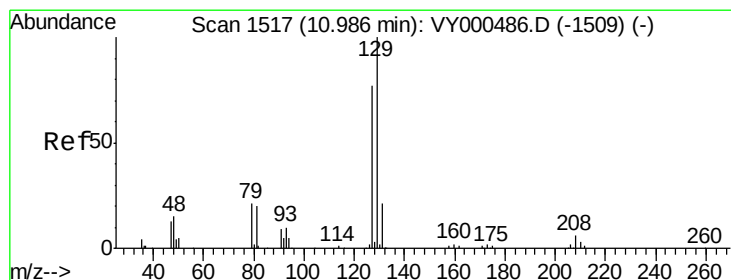
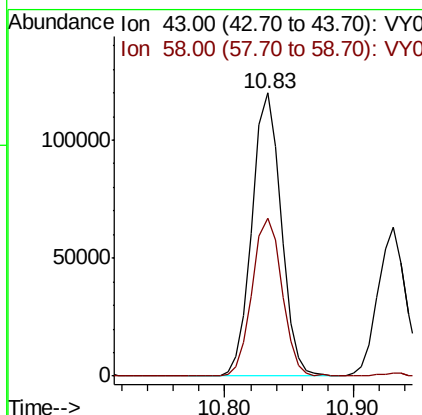
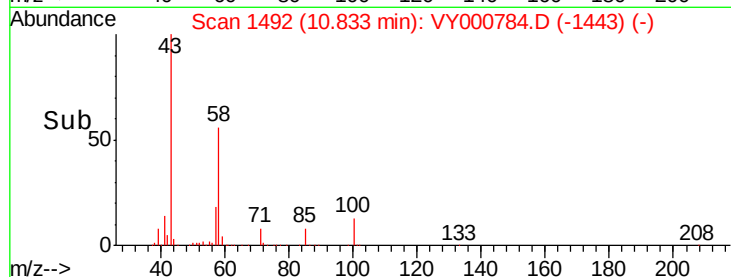
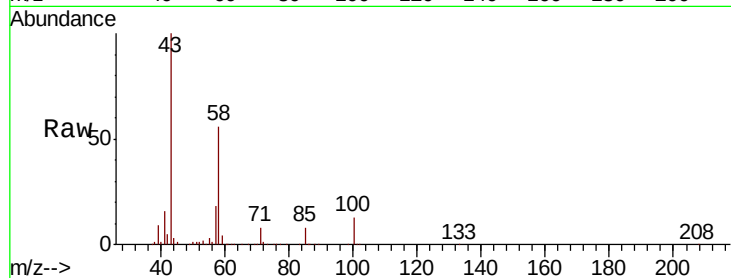




#59
2-Hexanone
Concen: 82.656 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

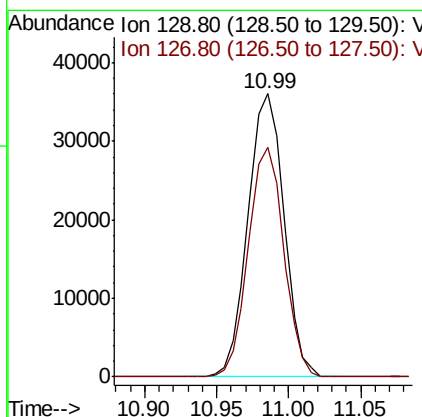
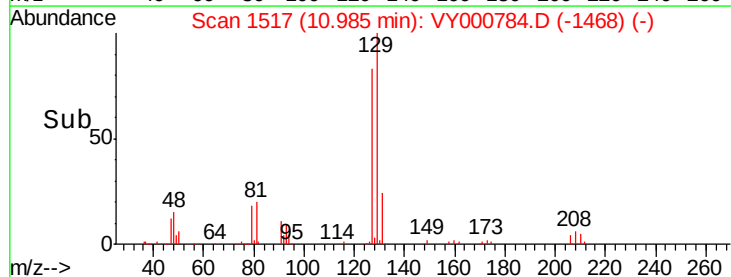
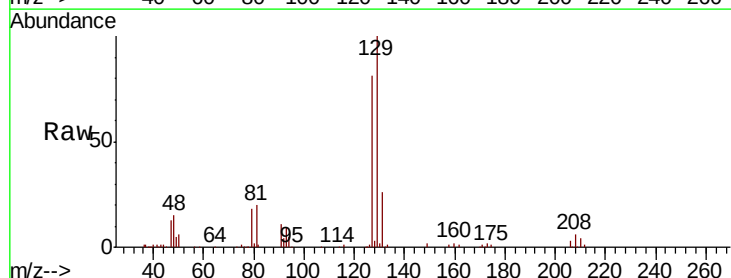
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

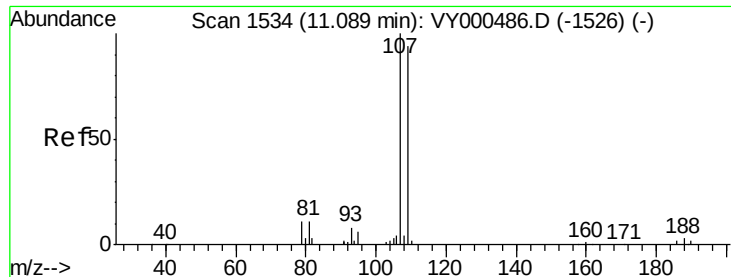
Tot Ion: 43 Resp: 187530
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3



#60
Dibromochloromethane
Concen: 18.068 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 129 Resp: 62381
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2

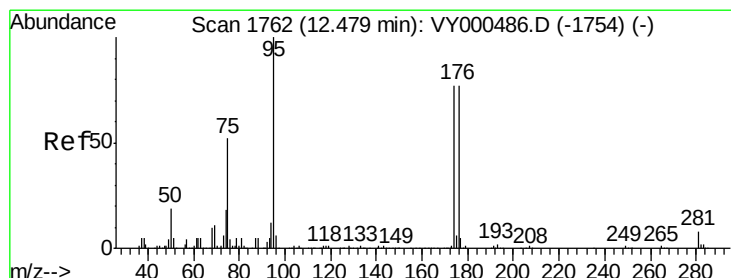
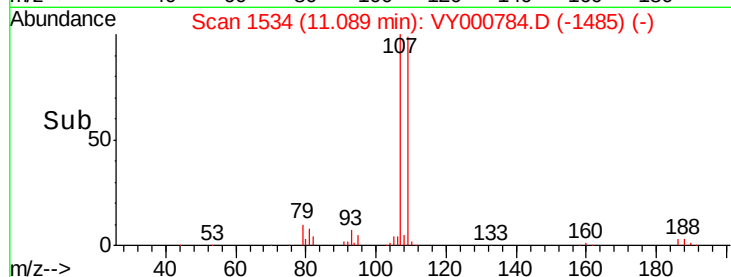
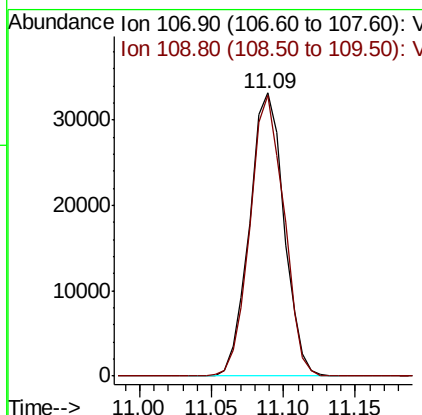
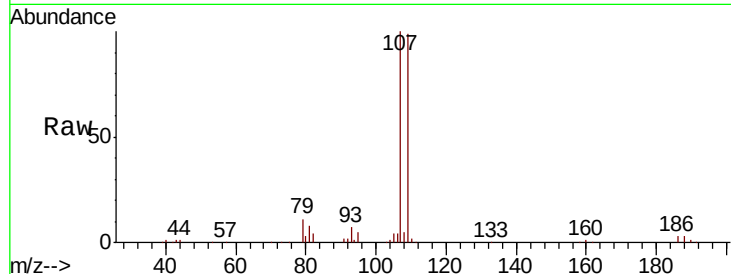




#61
 1,2-Dibromoethane
 Concen: 18.940 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

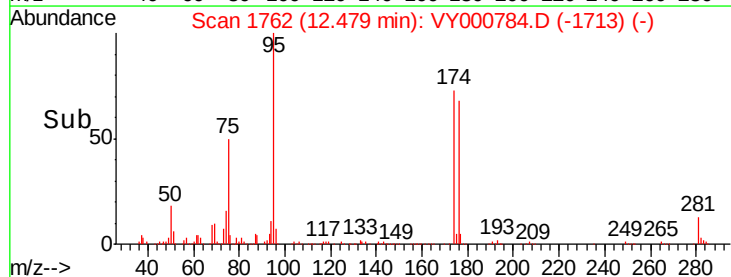
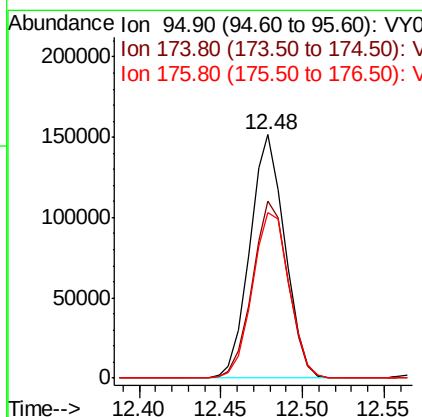
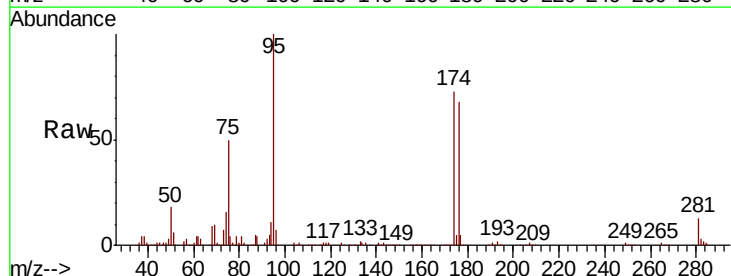
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBSD01

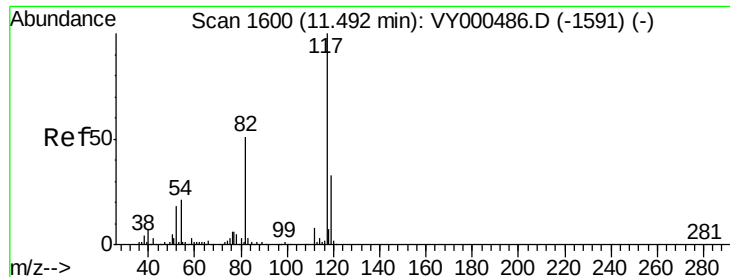
Tot Ion:107 Resp: 54891
 Ion Ratio Lower Upper
 107 100
 109 97.4 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.132 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 95 Resp: 226743
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 161.6
 176 71.3 0.0 157.8

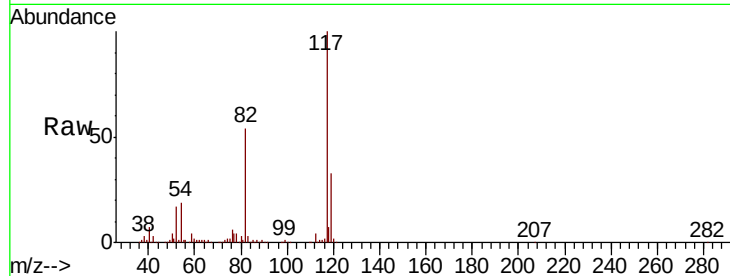




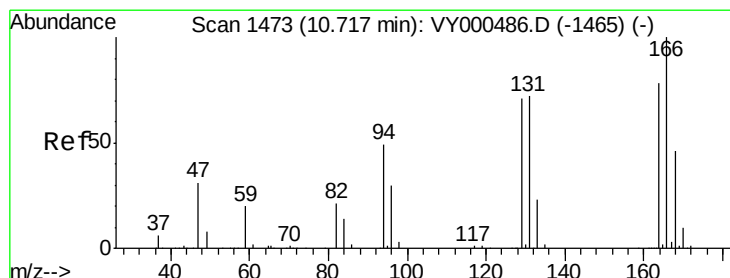
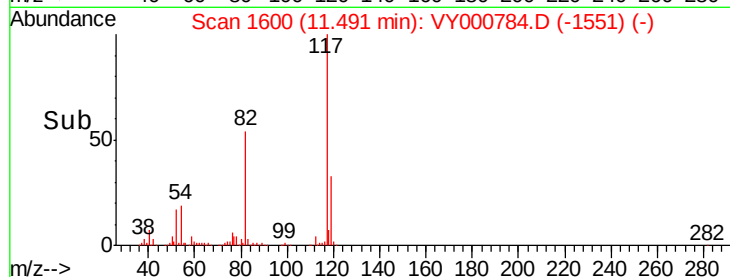
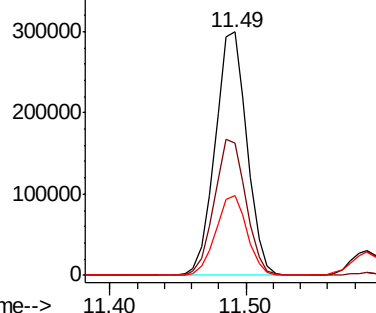
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion:117 Resp: 488881
Ion Ratio Lower Upper
117 100
82 54.3 40.8 61.2
119 32.7 26.2 39.2

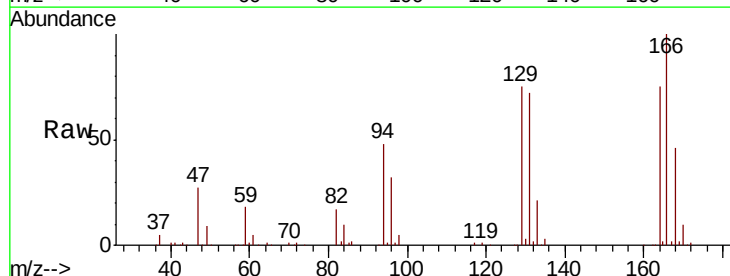


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

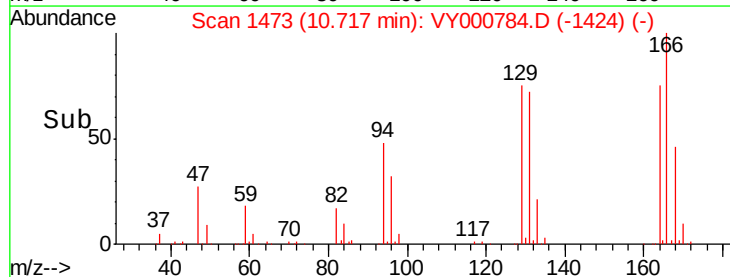
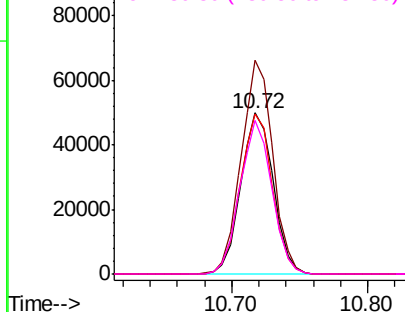


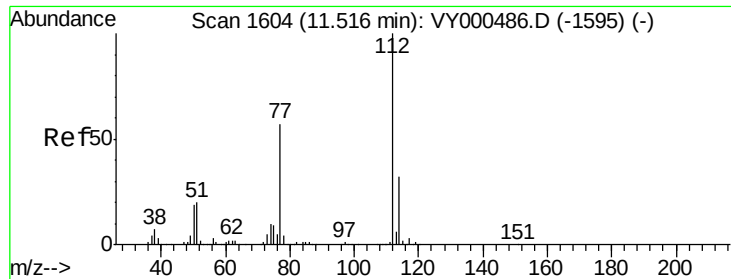
#64
Tetrachloroethene
Concen: 20.547 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion:164 Resp: 83061
Ion Ratio Lower Upper
164 100
166 132.8 102.7 154.1
129 99.4 73.2 109.8
131 95.6 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.286 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

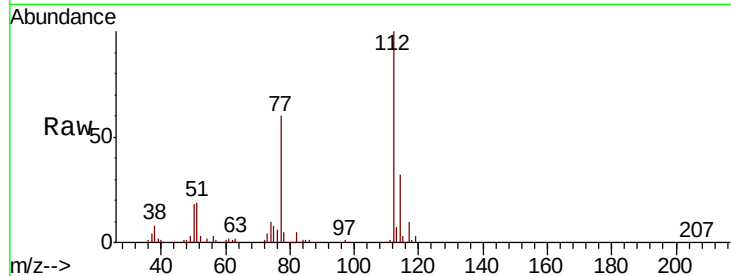
VY1122SBSD01

Tot Ion:112 Resp: 201071

Ion Ratio Lower Upper

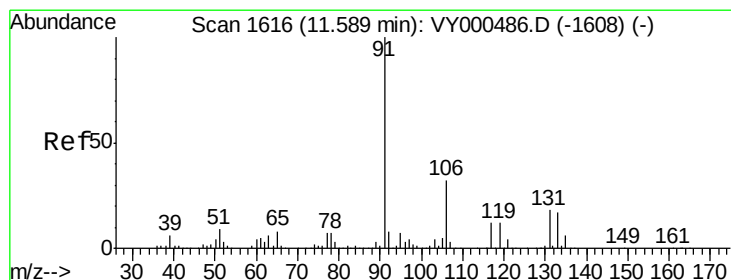
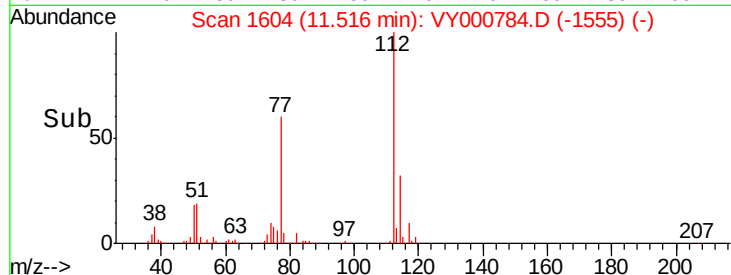
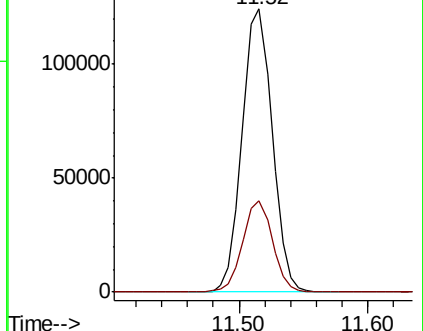
112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

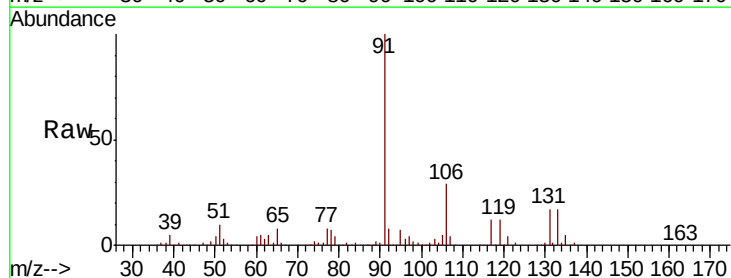
Tgt Ion:131 Resp: 69381

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.8

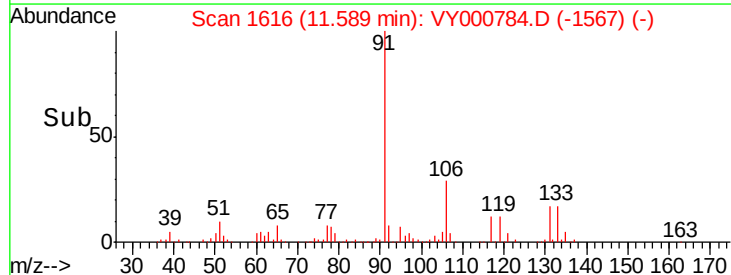
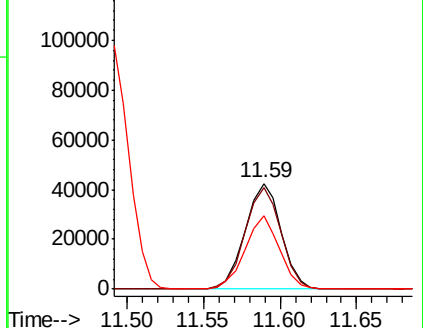
119 66.5 33.1 99.3

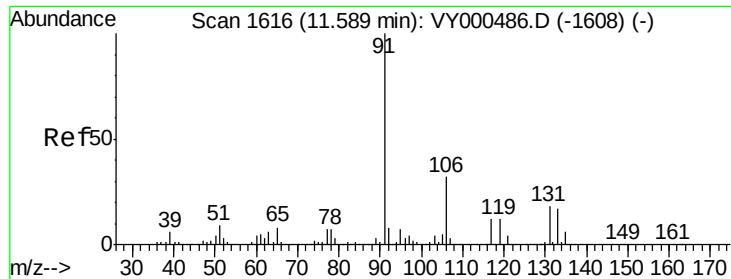


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

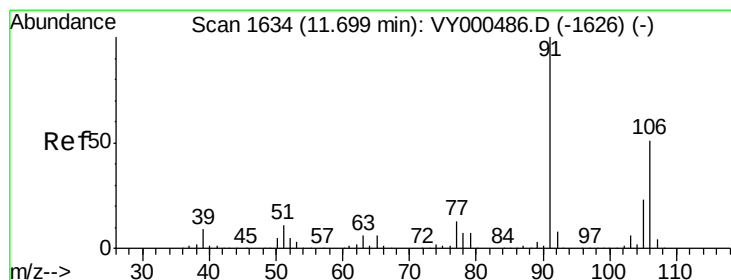
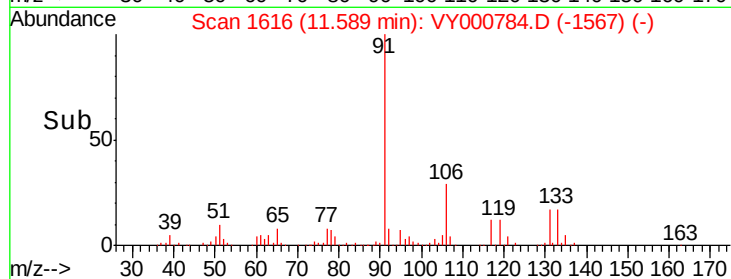
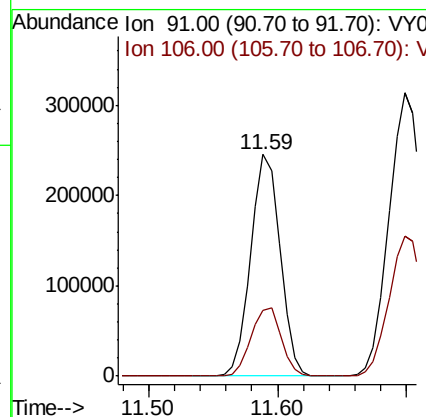
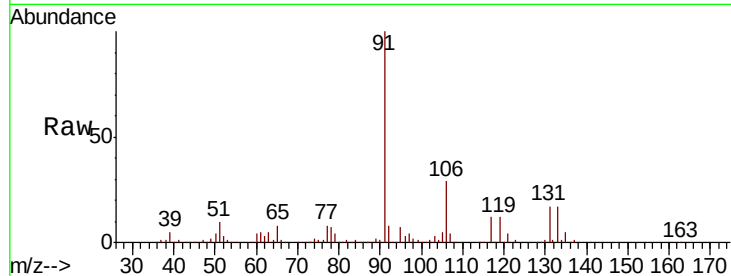




#67
Ethyl Benzene
Concen: 21.125 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

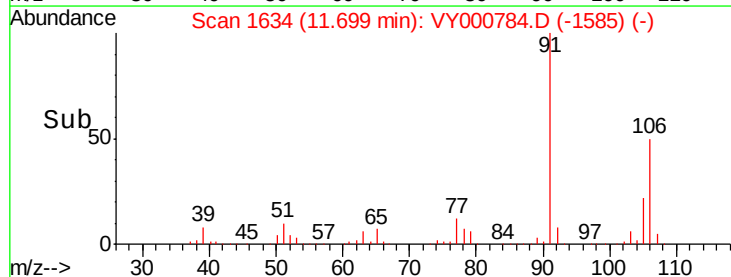
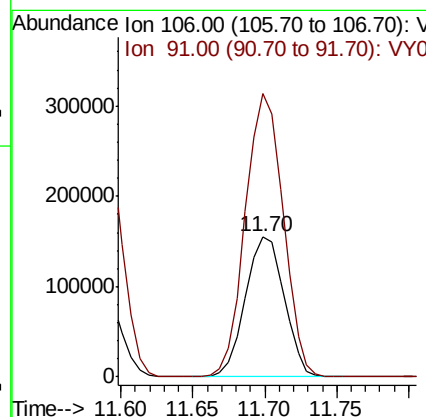
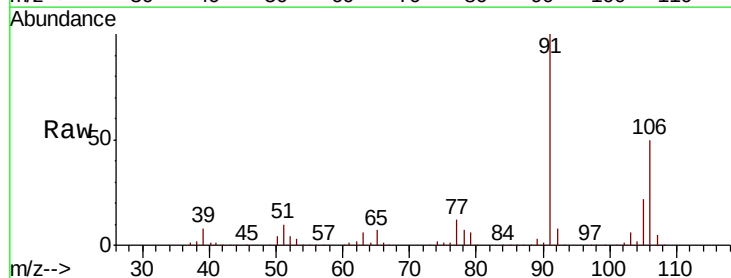
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

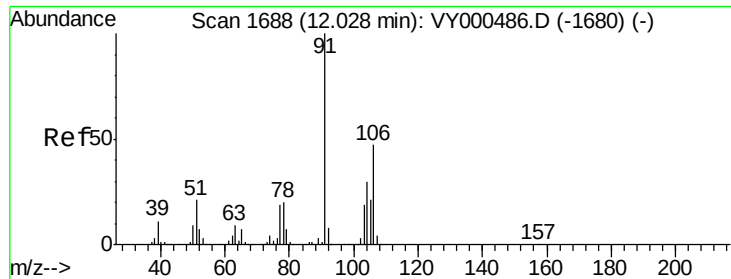
Tot Ion: 91 Resp: 385365
Ion Ratio Lower Upper
91 100
106 29.4 25.4 38.0



#68
m/p-Xylenes
Concen: 40.863 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 106 Resp: 288511
Ion Ratio Lower Upper
106 100
91 198.6 155.9 233.9

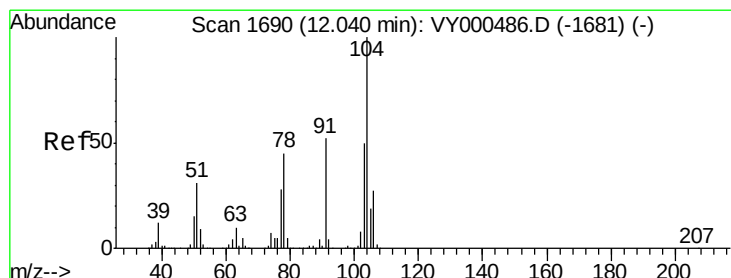
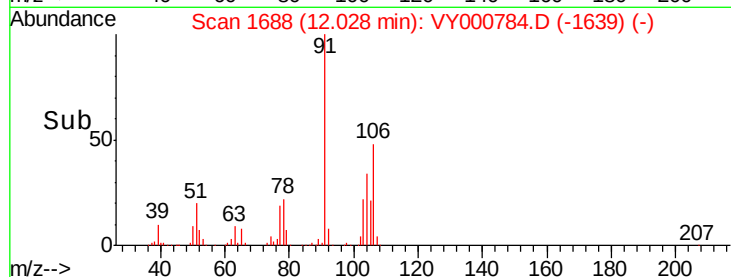
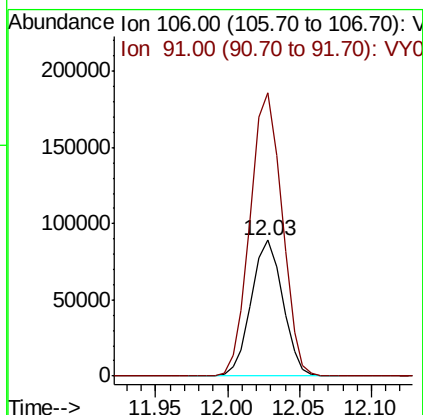
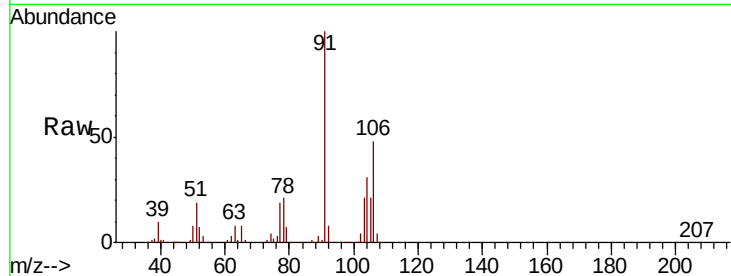




#69
o-Xylene
Concen: 20.434 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

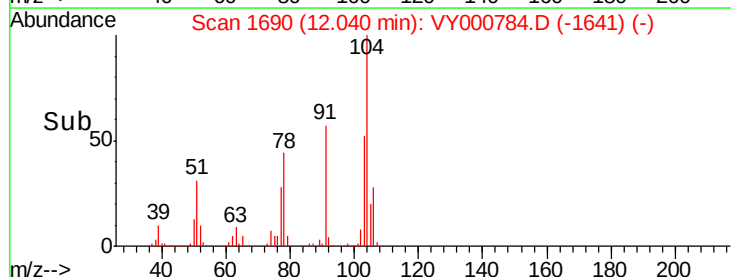
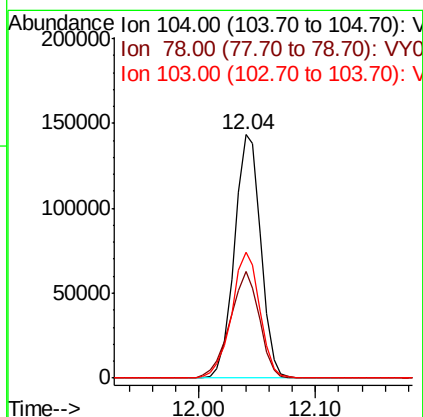
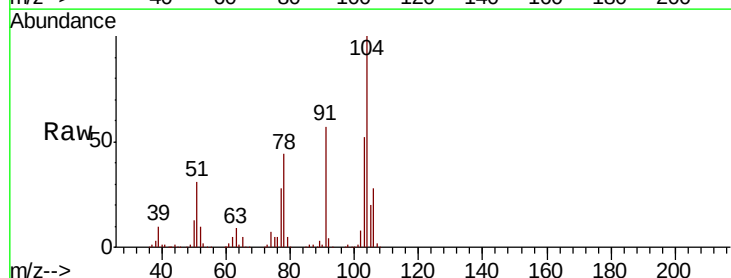
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

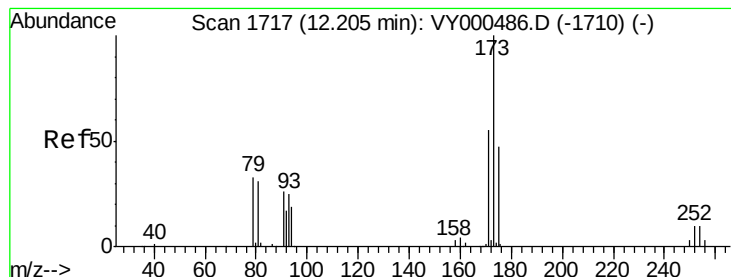
Tot Ion:106 Resp: 135594
Ion Ratio Lower Upper
106 100
91 211.5 106.5 319.6



#70
Styrene
Concen: 19.840 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion:104 Resp: 225435
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 55.3 42.5 63.7





#71

Bromoform

Concen: 18.843 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

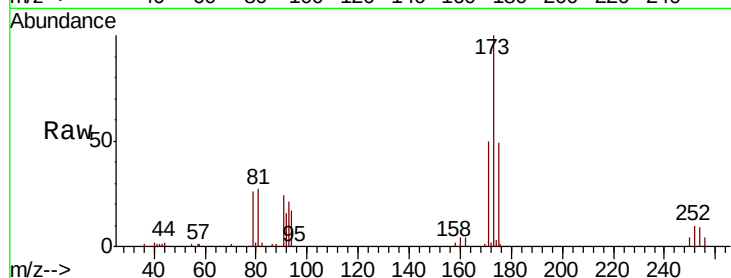
Tot Ion:173 Resp: 37257

Ion Ratio Lower Upper

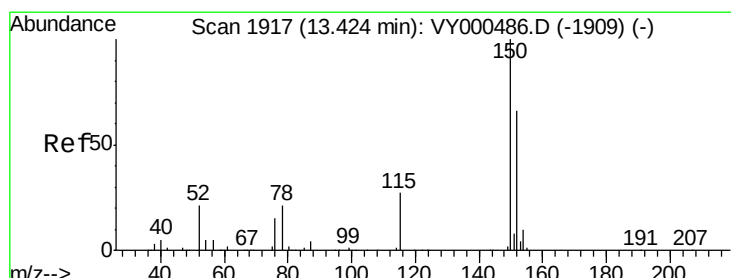
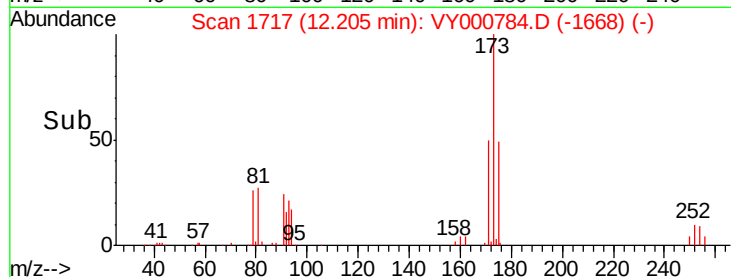
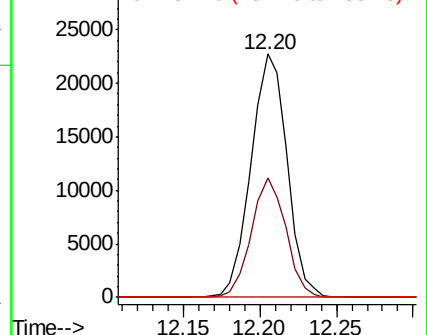
173 100

175 47.0 24.4 73.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

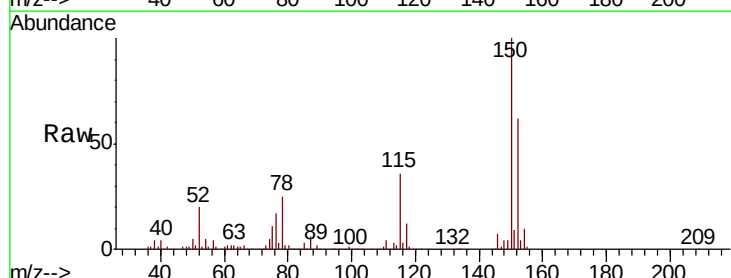
Tgt Ion:152 Resp: 233272

Ion Ratio Lower Upper

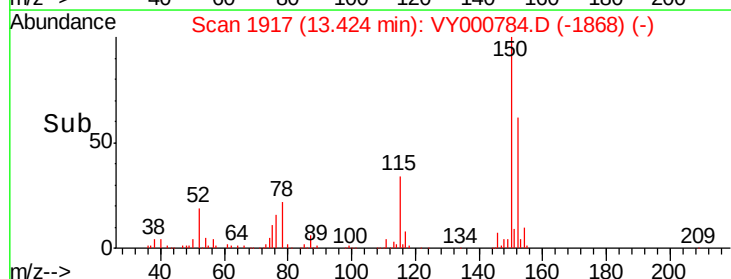
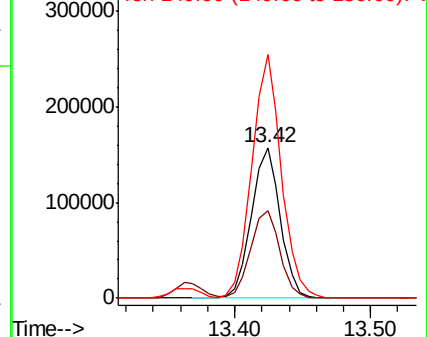
152 100

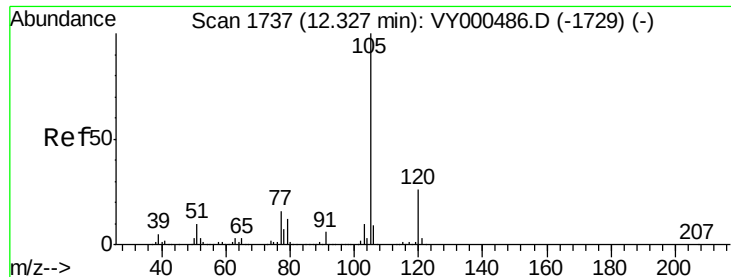
115 59.7 29.1 87.4

150 165.6 0.0 348.8



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: 21.237 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

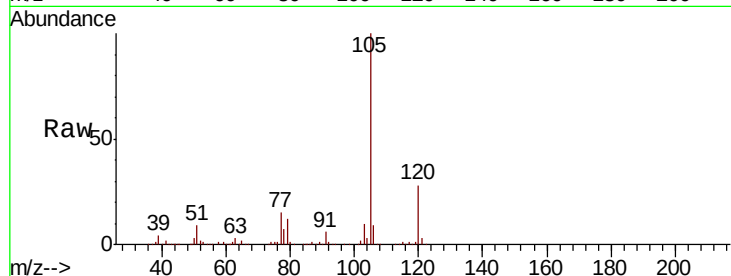
VY1122SBS01

Tot Ion:105 Resp: 366142

Ion Ratio Lower Upper

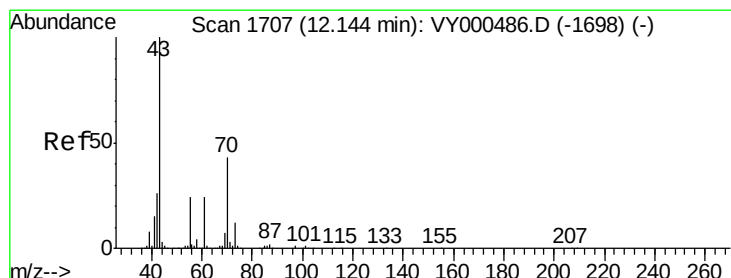
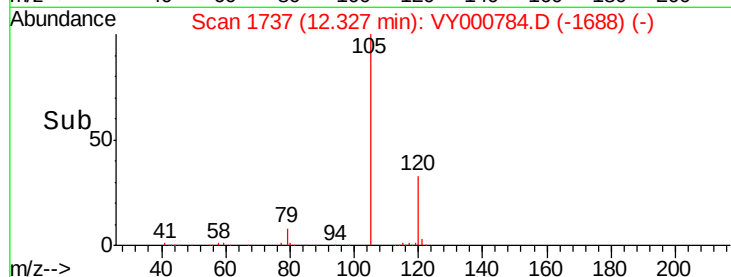
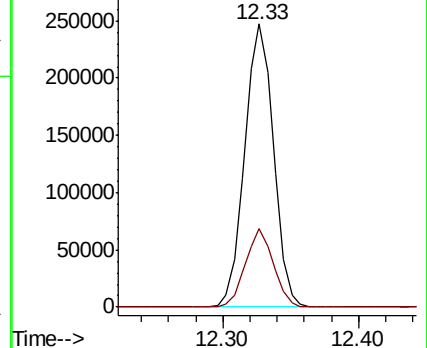
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.432 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion: 43 Resp: 91011

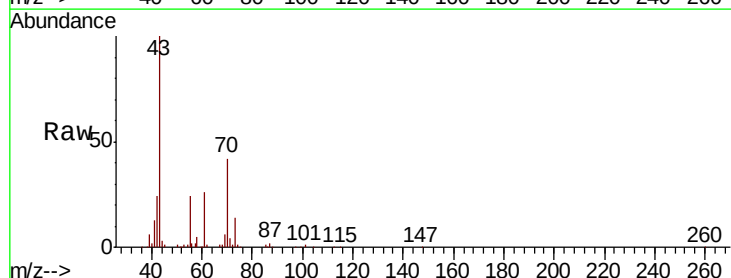
Ion Ratio Lower Upper

43 100

70 43.7 33.1 49.7

55 24.0 18.0 27.0

61 26.1 19.1 28.7

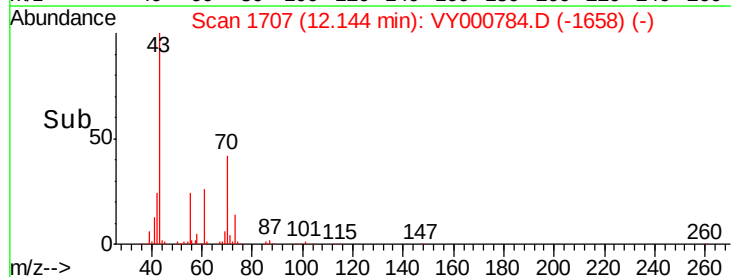
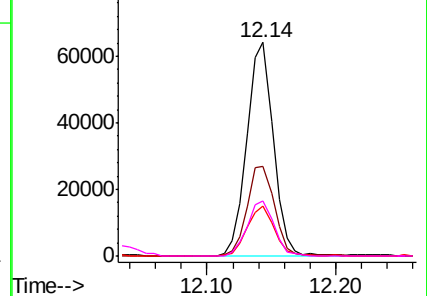


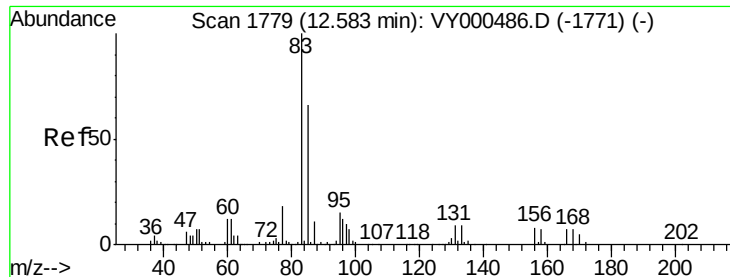
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 18.937 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBSD01

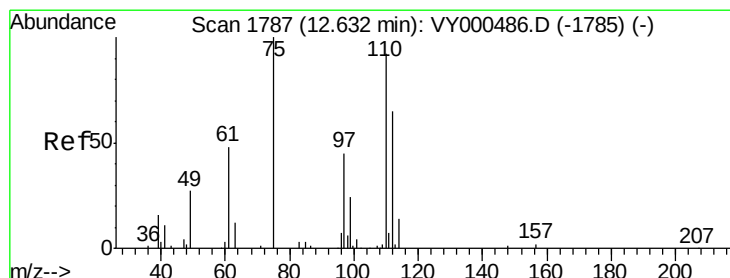
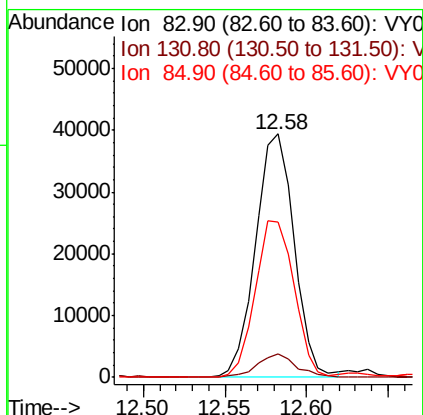
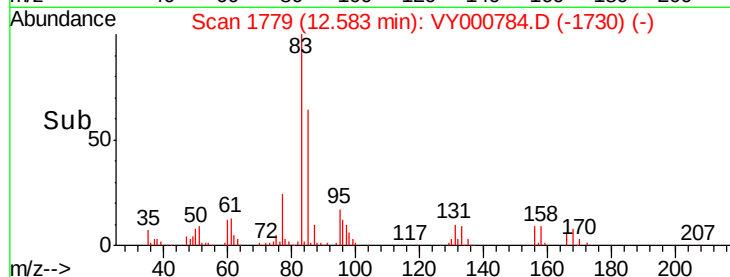
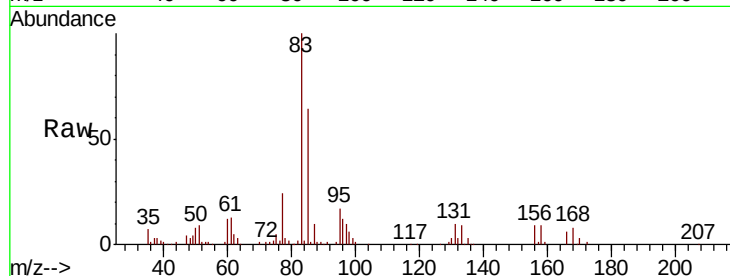
Tot Ion: 83 Resp: 64646

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 64.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 34.658 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000784.D

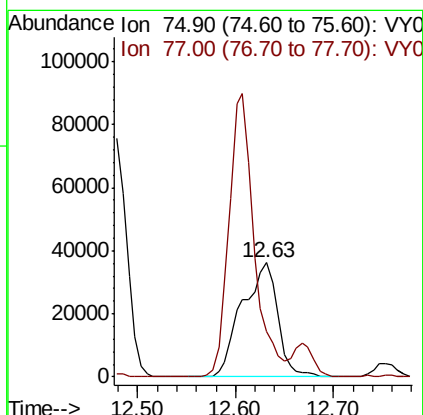
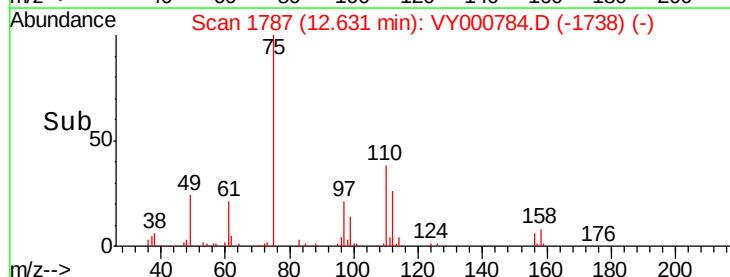
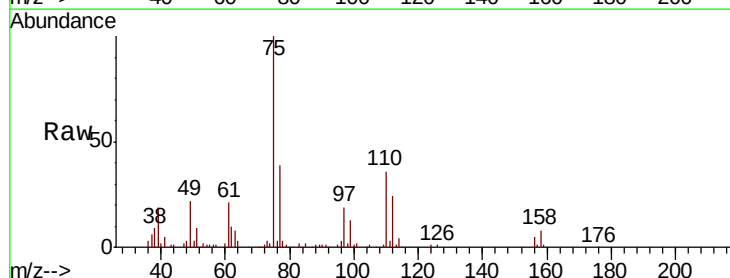
Acq: 22 Nov 2019 11:43

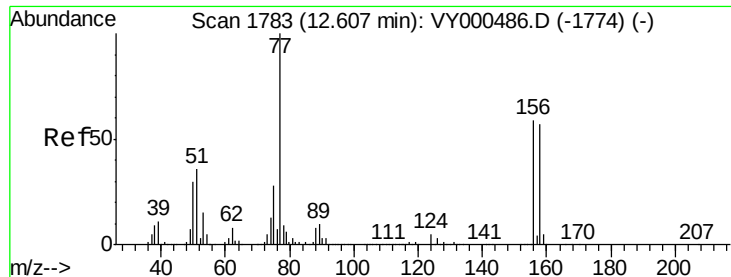
Tgt Ion: 75 Resp: 92057

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.638 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

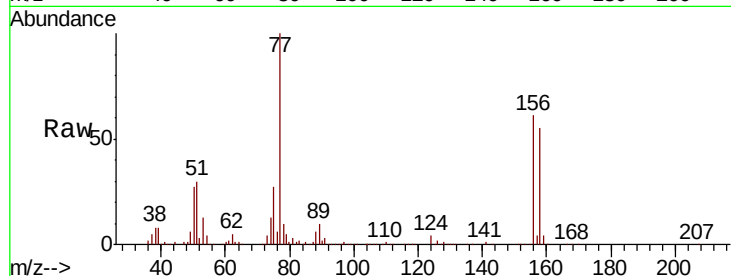
Tot Ion:156 Resp: 80689

Ion Ratio Lower Upper

156 100

77 198.4 98.2 294.4

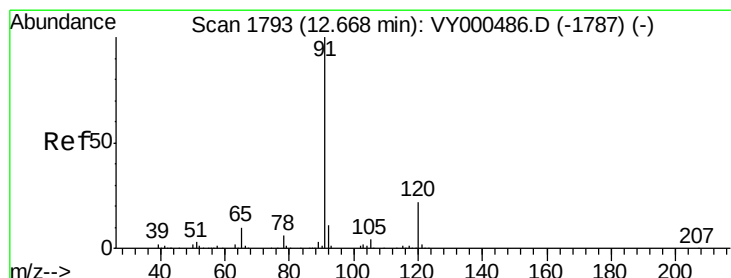
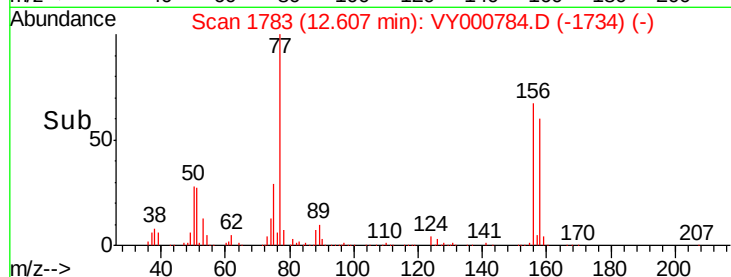
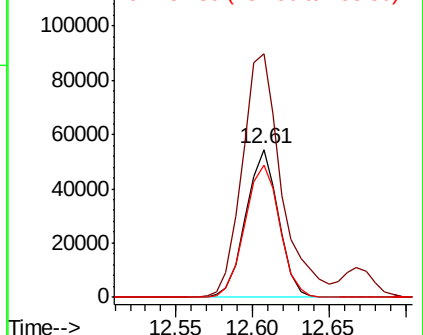
158 95.1 49.6 149.0



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: 21.681 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000784.D

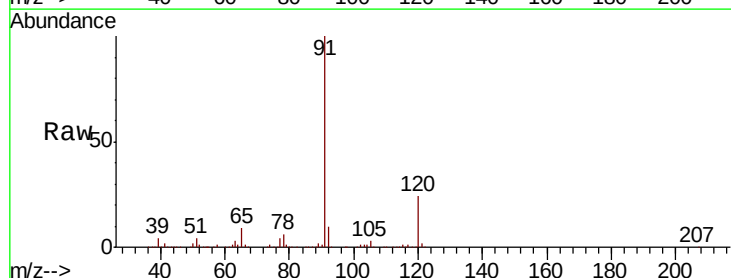
Acq: 22 Nov 2019 11:43

Tgt Ion: 91 Resp: 451002

Ion Ratio Lower Upper

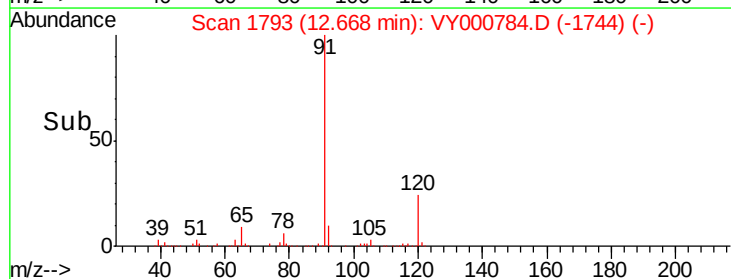
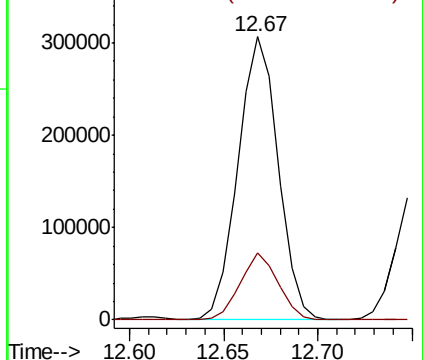
91 100

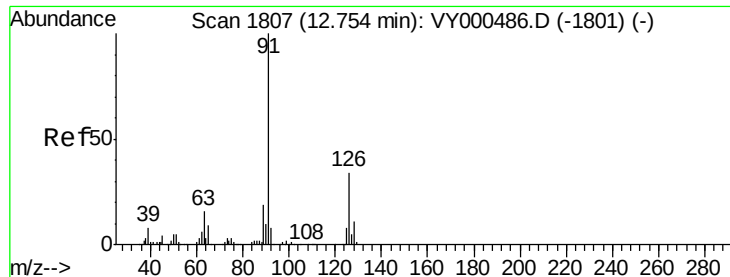
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

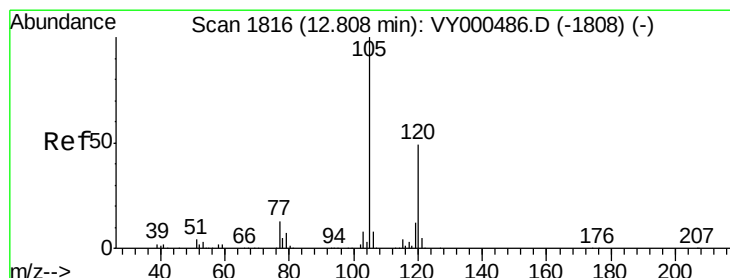
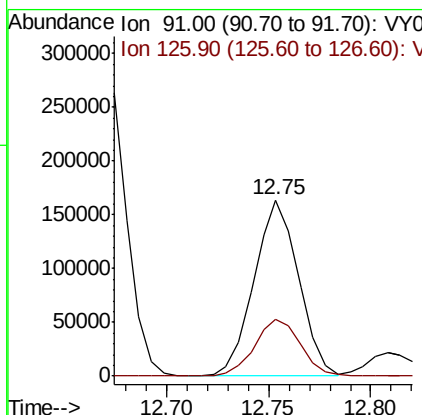
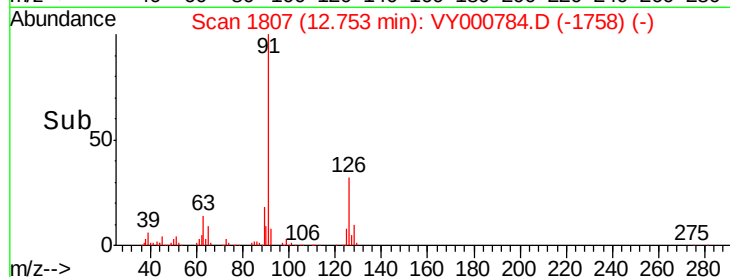
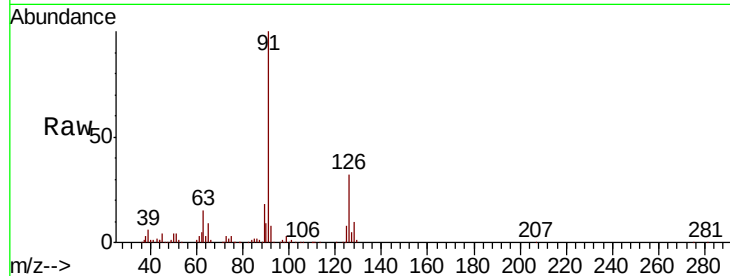




#79
 2-Chlorotoluene
 Concen: 21.503 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

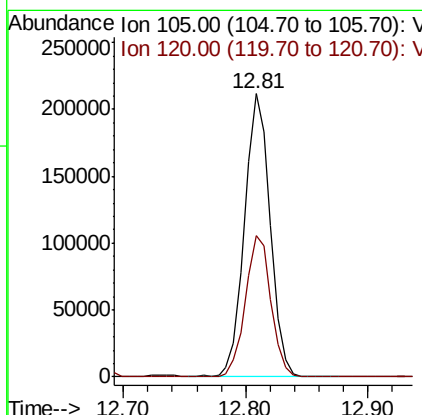
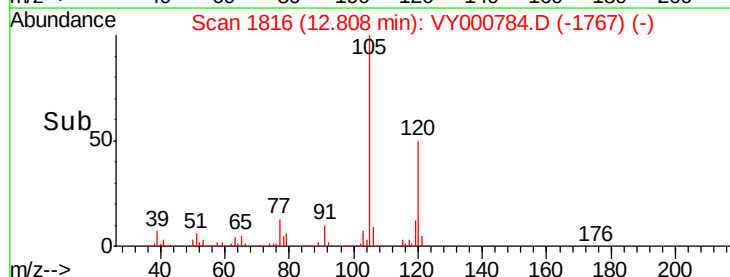
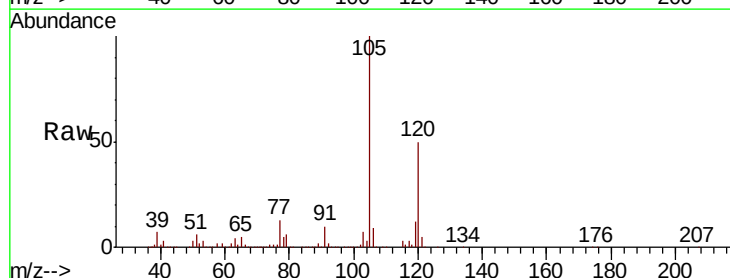
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

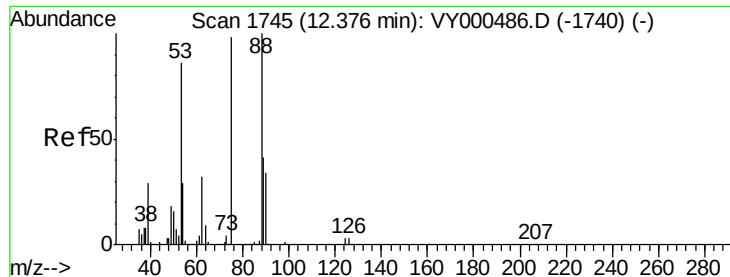
Tot Ion: 91 Resp: 248329
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.443 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 105 Resp: 307895
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.672 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

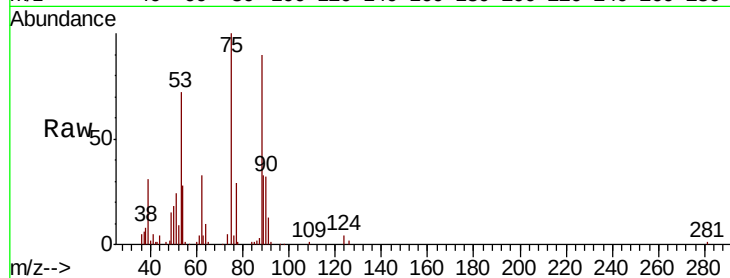
Tot Ion: 75 Resp: 23304

Ion Ratio Lower Upper

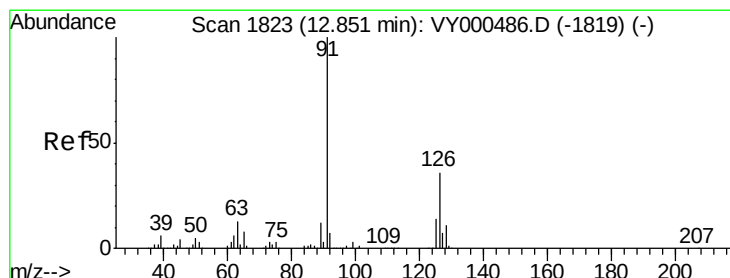
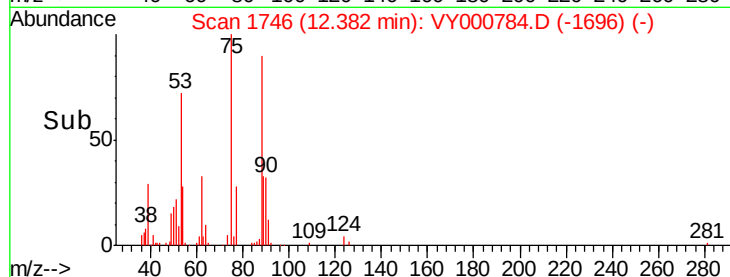
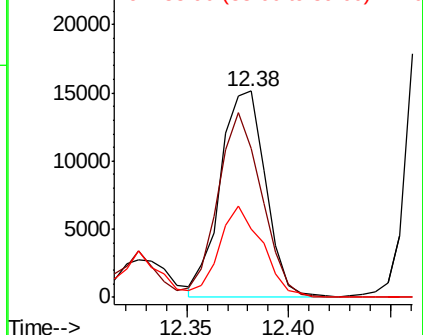
75 100

53 87.3 73.2 109.8

89 42.2 35.9 53.9



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: 21.393 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000784.D

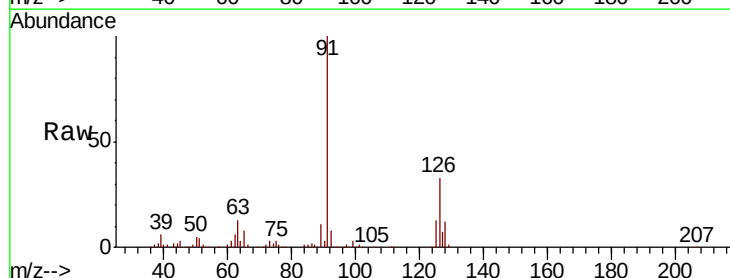
Acq: 22 Nov 2019 11:43

Tgt Ion: 91 Resp: 256092

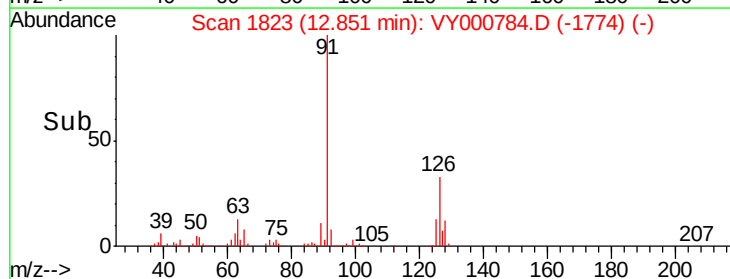
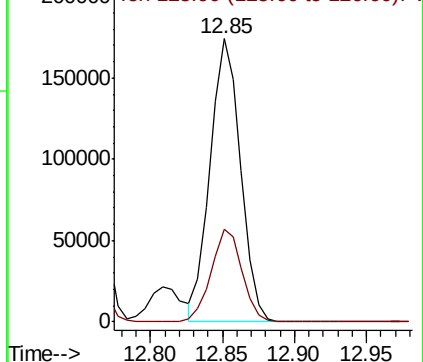
Ion Ratio Lower Upper

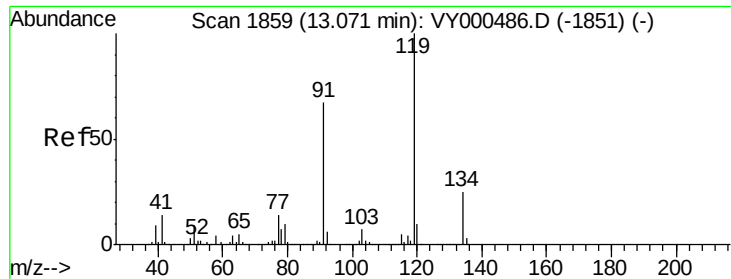
91 100

126 33.6 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

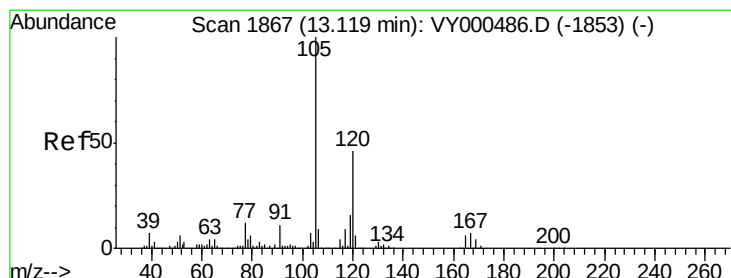
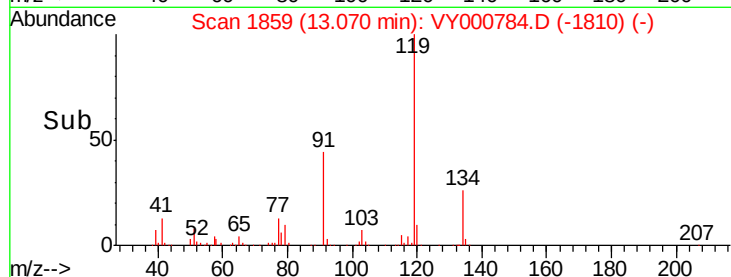
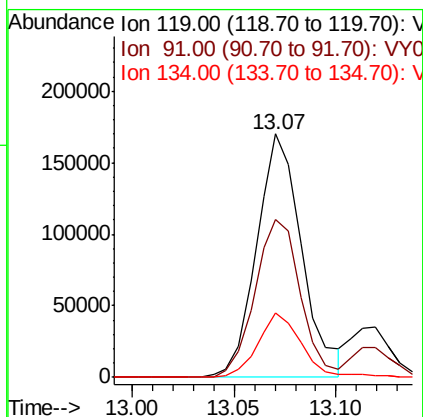
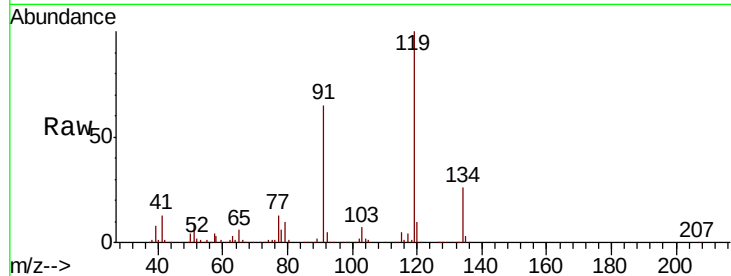




#83
tert-Butylbenzene
Concen: 21.420 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

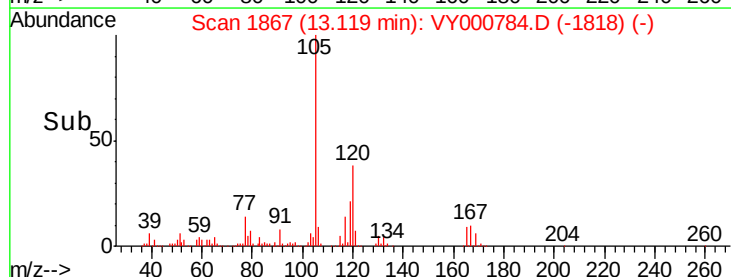
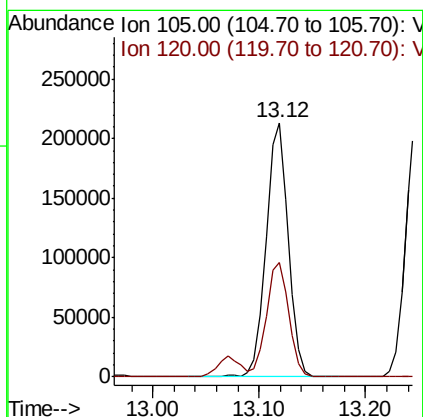
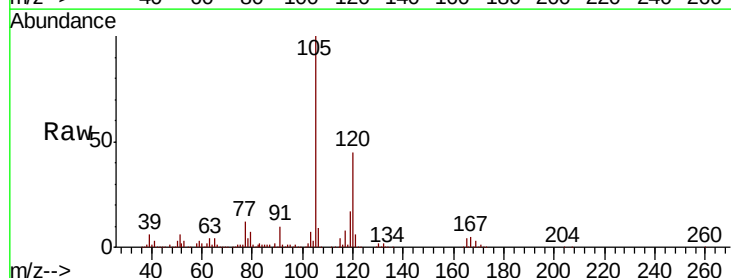
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

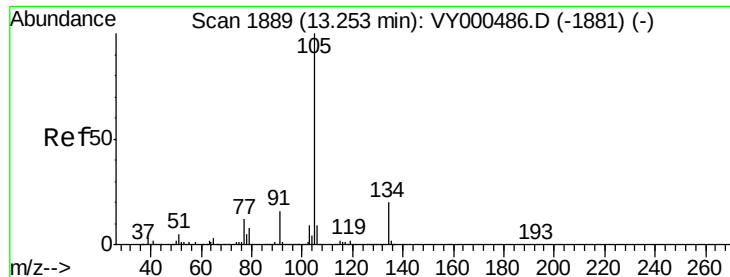
Tot Ion:119 Resp: 262617
Ion Ratio Lower Upper
119 100
91 65.2 32.1 96.3
134 25.8 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 21.645 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion:105 Resp: 309449
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.9

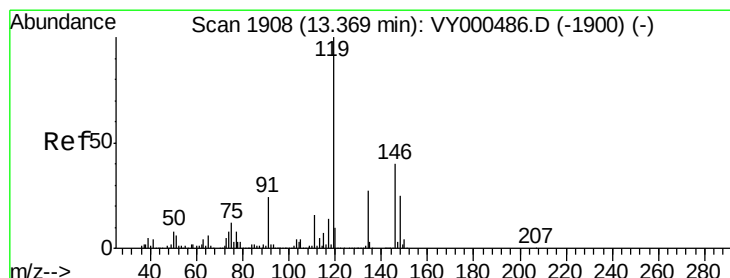
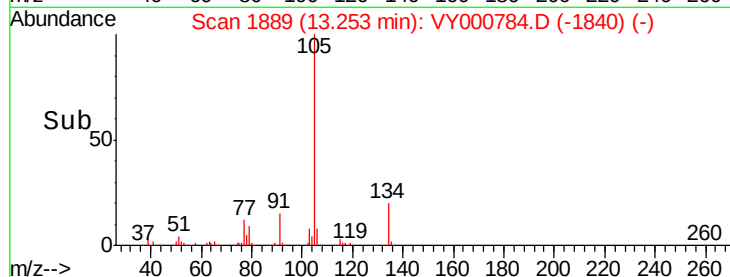
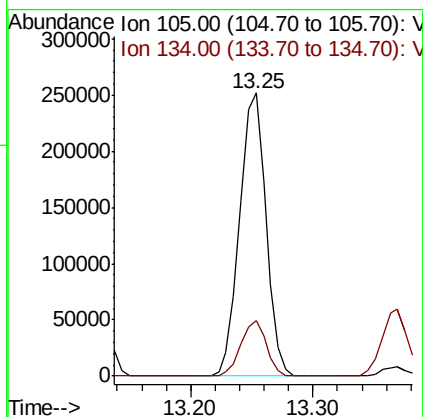
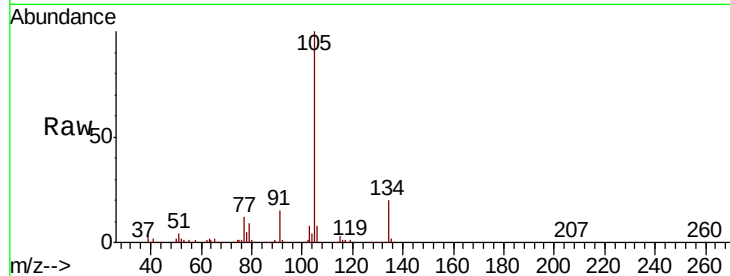




#85
 sec-Butylbenzene
 Concen: 21.573 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

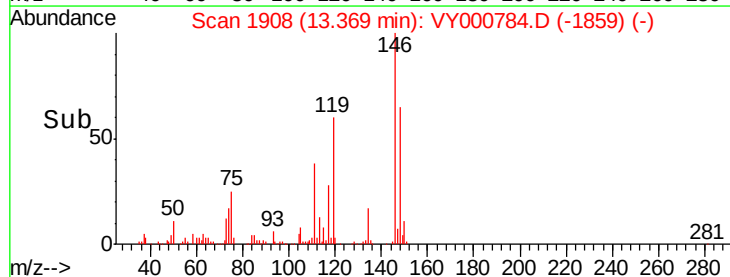
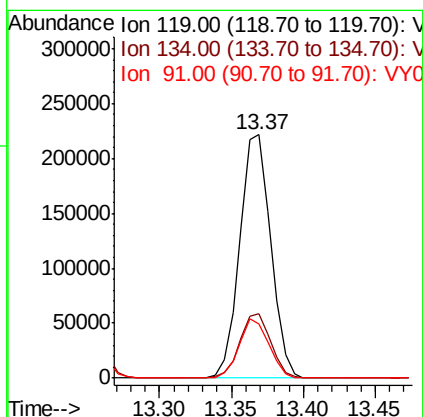
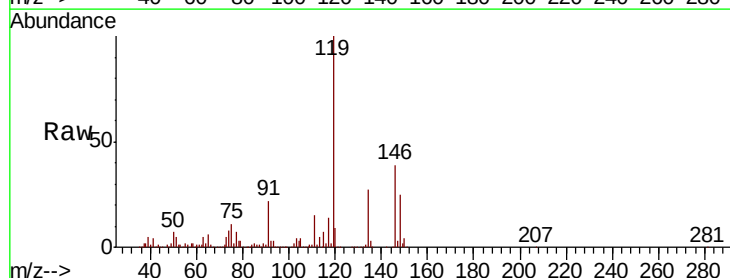
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

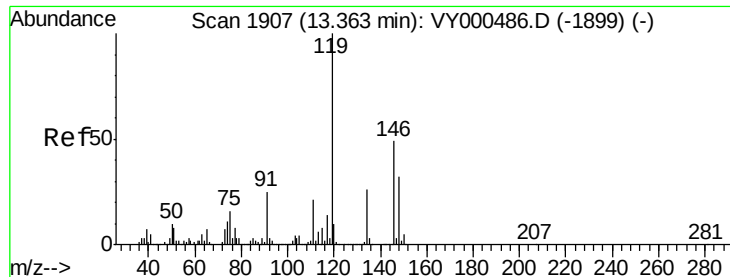
Tot Ion:105 Resp: 376822
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.231 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion:119 Resp: 330517
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 23.4 12.0 36.1

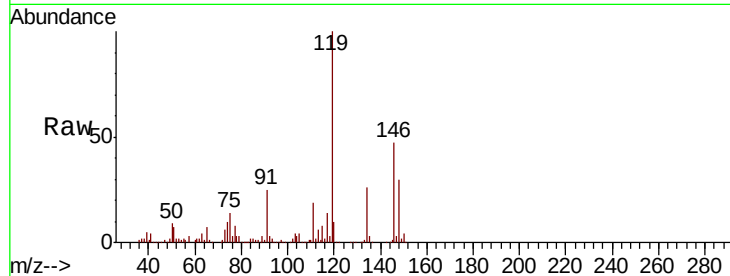




#87
 1,3-Dichlorobenzene
 Concen: 20.616 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.8
148	63.4	31.5	94.5

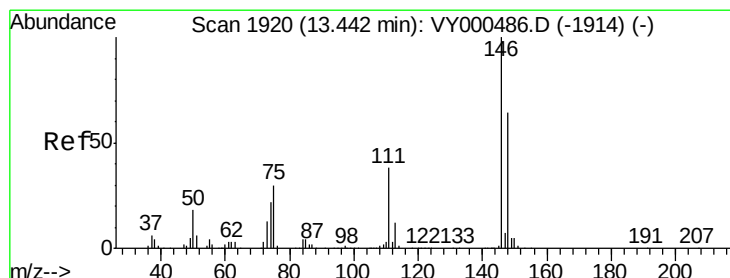
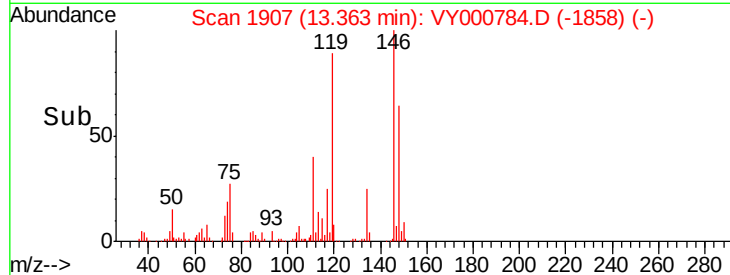
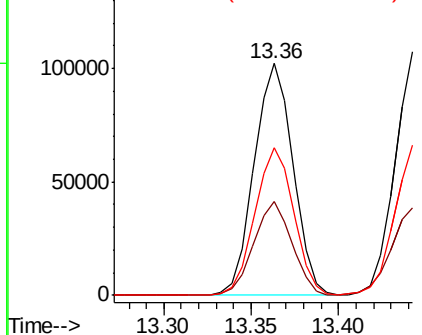


Abundance

Ion 145.90 (145.60 to 146.60): V

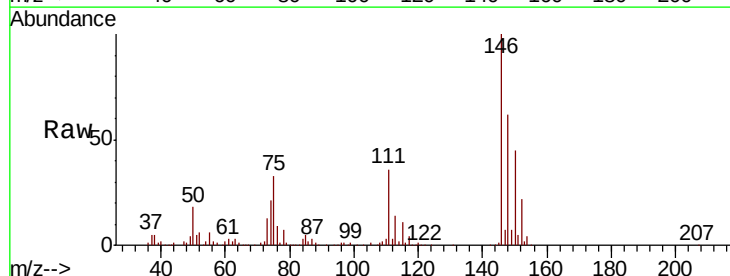
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	64.4	31.9	95.7

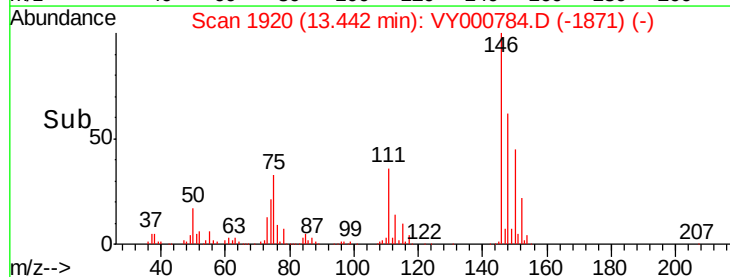
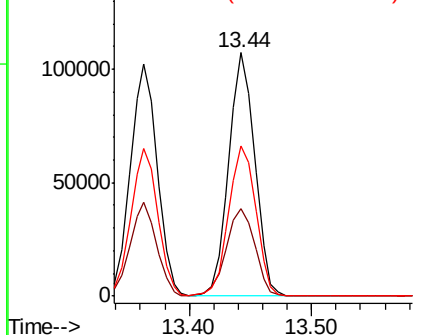


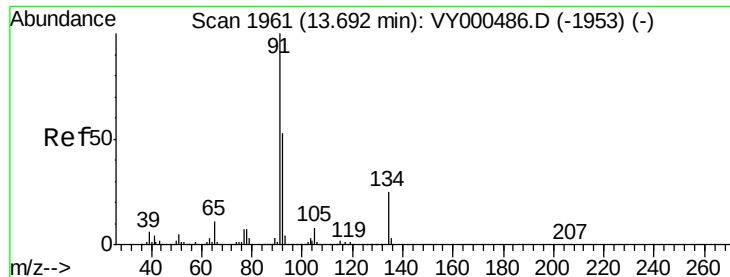
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

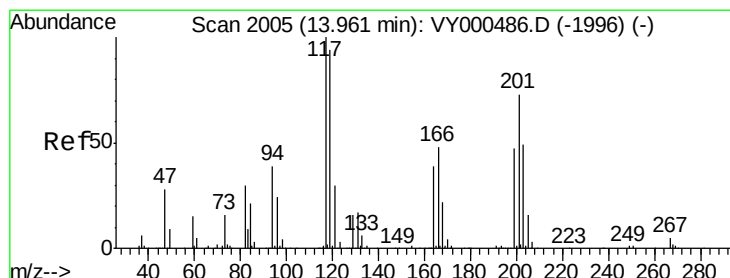
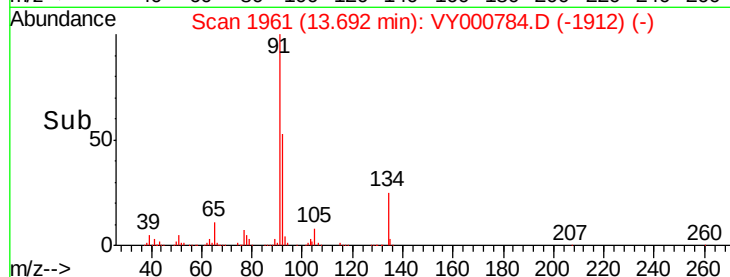
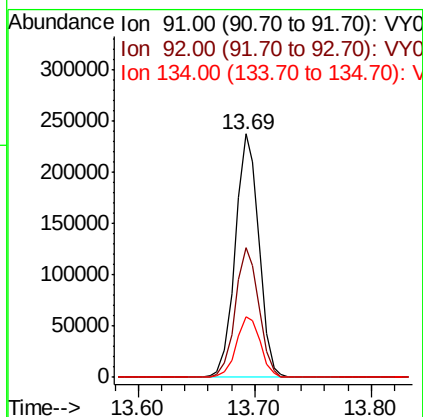
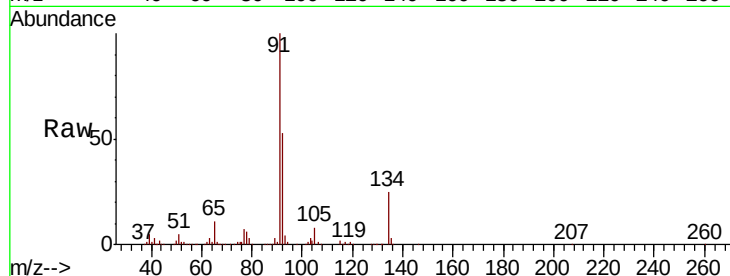




#89
n-Butylbenzene
Concen: 21.789 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

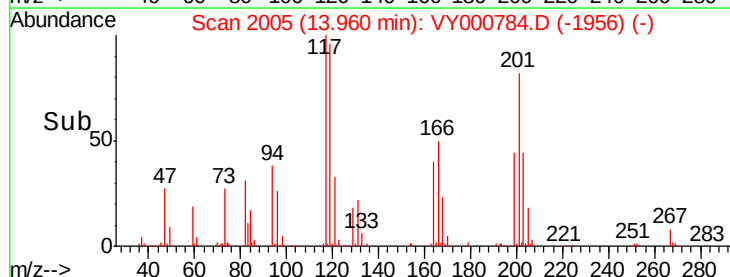
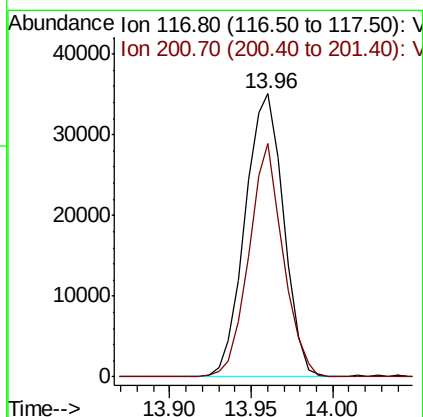
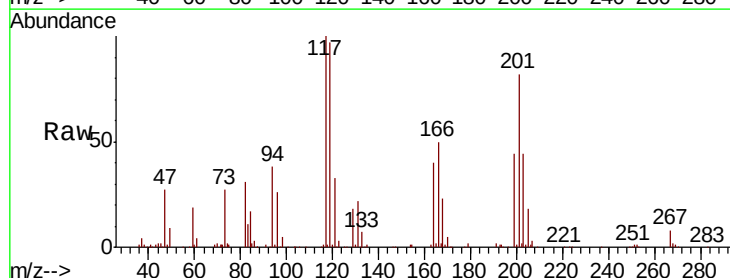
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

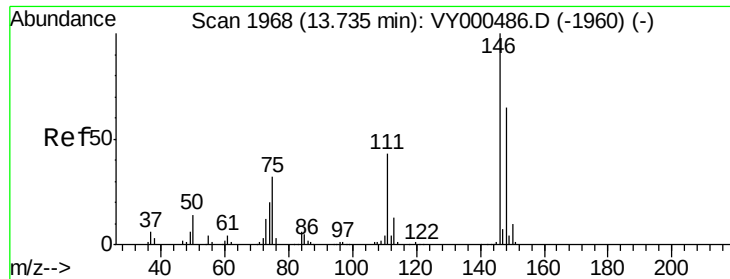
Tot Ion: 91 Resp: 334559
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.3
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 20.005 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 117 Resp: 57573
Ion Ratio Lower Upper
117 100
201 73.5 35.8 107.3

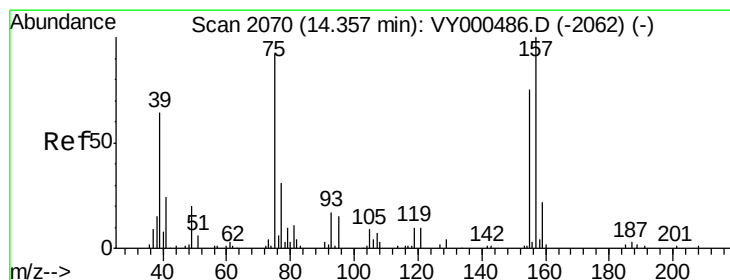
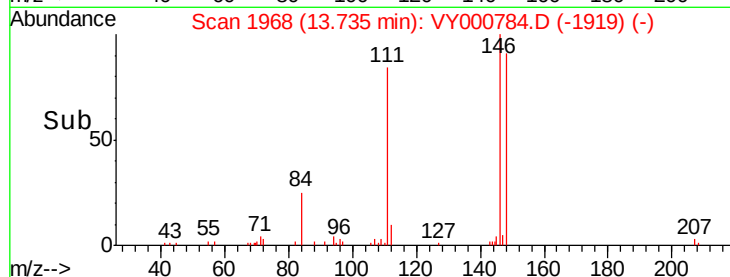
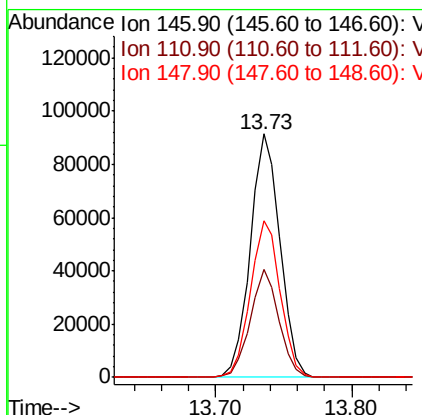
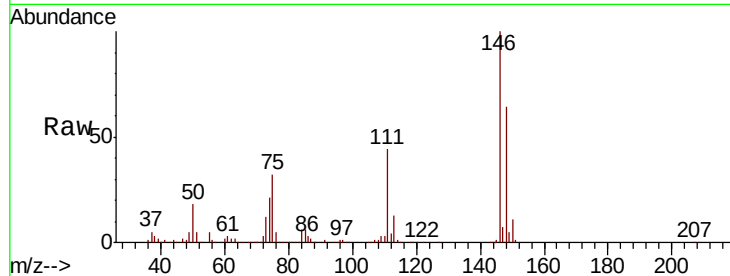




#91
 1,2-Dichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

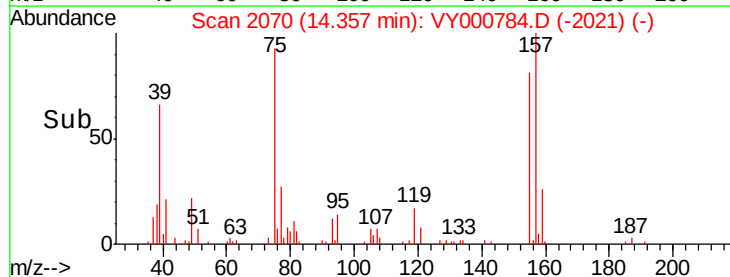
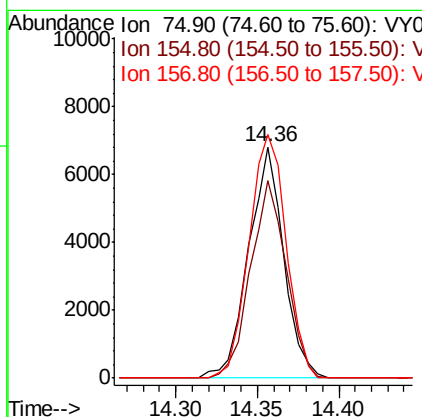
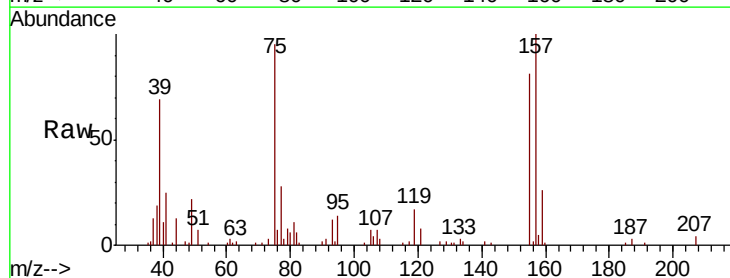
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

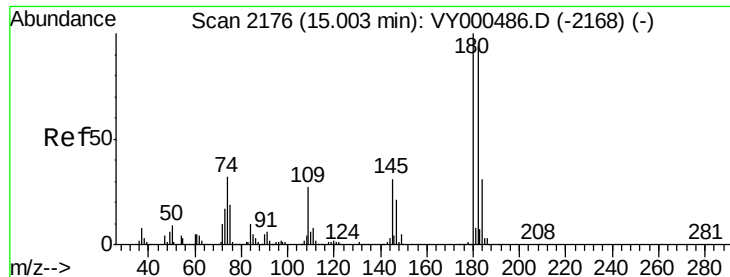
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.5
148	64.5	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.849 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	42.4	127.1
157	111.4	55.1	165.3

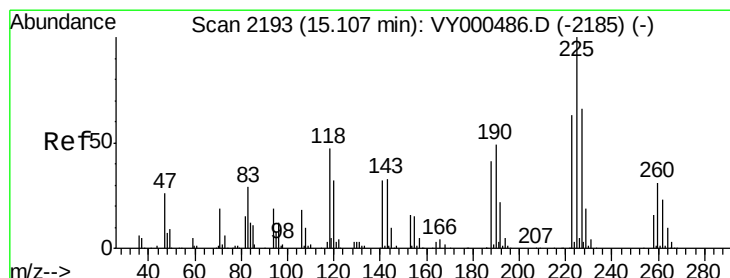
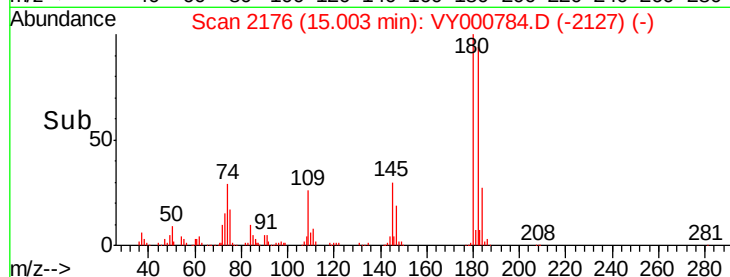
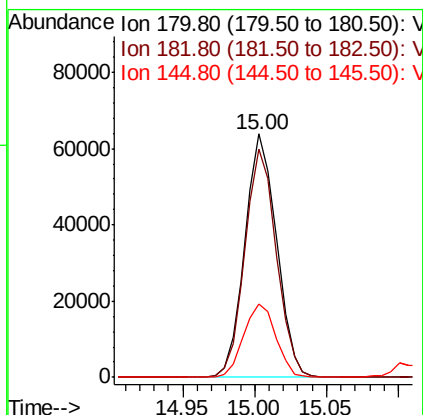
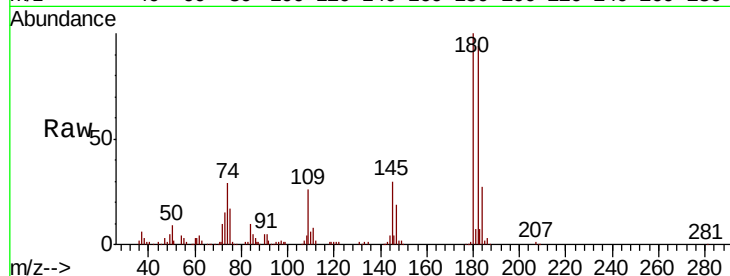




#93
 1,2,4-Trichlorobenzene
 Concen: 20.543 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

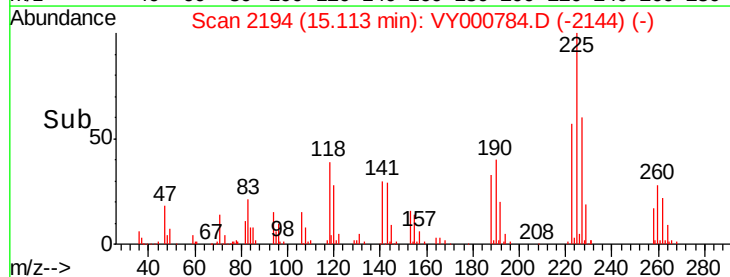
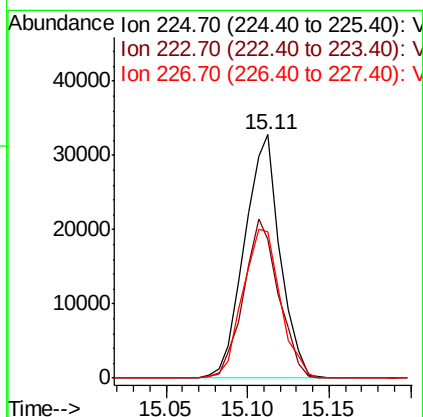
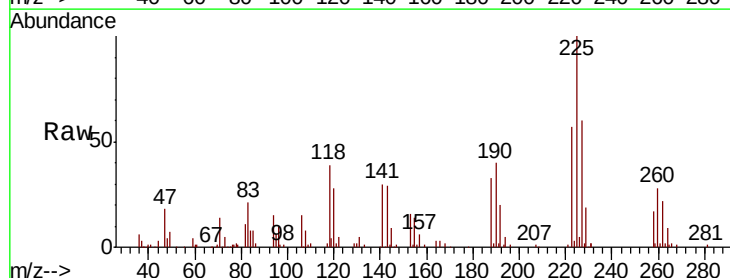
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

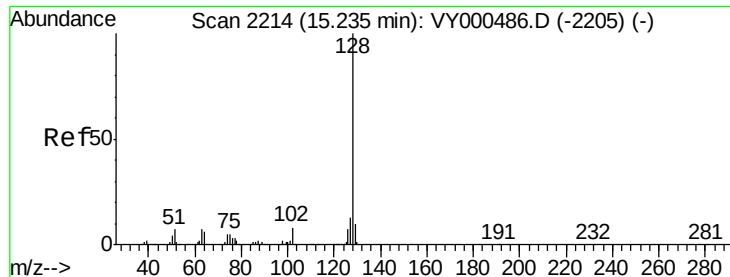
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.4
145	30.6	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.318 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.3	93.8
227	65.0	32.4	97.0

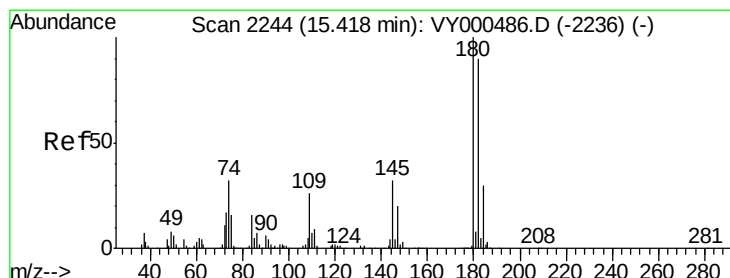
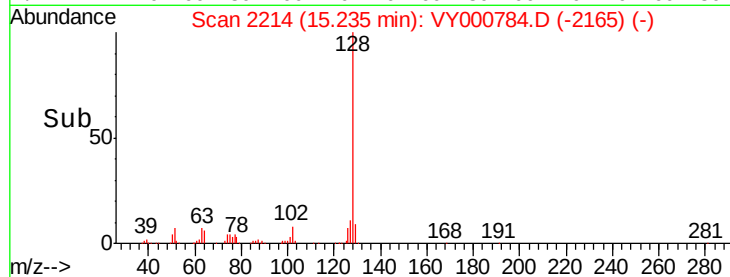
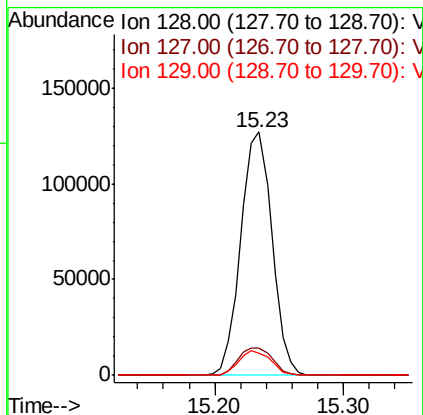
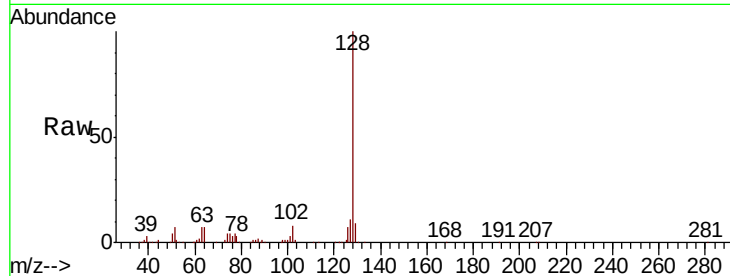




#95
Naphthalene
Concen: 20.326 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBSD01

Tot Ion:128 Resp: 213464
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.624 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion:180 Resp: 87534
Ion Ratio Lower Upper
180 100
182 92.3 47.4 142.3
145 32.3 15.7 47.0

