

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000600.D
 Acq On : 07 Nov 2019 23:30
 Operator : SY/MD
 Sample : VY1107SBSD02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Quant Time: Nov 08 09:51:12 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	246699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187524	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	155600	60.95	ug/l	0.00
Spiked Amount			Recovery	=	121.90%	
35) Dibromofluoromethane	7.73	113	133455	52.89	ug/l	0.00
Spiked Amount			Recovery	=	105.78%	
50) Toluene-d8	10.18	98	539654	56.37	ug/l	0.00
Spiked Amount			Recovery	=	112.74%	
62) 4-Bromofluorobenzene	12.48	95	196845	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	48831	20.108	ug/l	99
3) Chloromethane	2.12	50	68754	20.552	ug/l	100
4) Vinyl Chloride	2.25	62	63883	20.564	ug/l	99
5) Bromomethane	2.64	94	45694	24.528	ug/l	94
6) Chloroethane	2.79	64	42985	22.108	ug/l	96
7) Trichlorofluoromethane	3.13	101	91770	21.874	ug/l	100
8) Diethyl Ether	3.54	74	36089	24.209	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53680	21.164	ug/l	96
10) Methyl Iodide	4.10	142	65858	21.663	ug/l	100
11) Tert butyl alcohol	4.96	59	29839	120.067	ug/l	99
12) 1,1-Dichloroethene	3.88	96	53157	21.571	ug/l	90
13) Acrolein	3.73	56	18851	87.082	ug/l	97
14) Allyl chloride	4.49	41	93800	23.409	ug/l	98
15) Acrylonitrile	5.17	53	94906	124.279	ug/l	99
16) Acetone	3.96	43	72152	102.541	ug/l	99
17) Carbon Disulfide	4.19	76	165466	21.289	ug/l	99
18) Methyl Acetate	4.49	43	56313	25.739	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	163172	23.815	ug/l	93
20) Methylene Chloride	4.72	84	73184	24.273	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62276	22.354	ug/l	98
22) Diisopropyl ether	6.13	45	209126	24.012	ug/l	95
23) Vinyl Acetate	6.07	43	643441	117.035	ug/l	99
24) 1,1-Dichloroethane	6.03	63	111423	23.615	ug/l	97
25) 2-Butanone	7.00	43	125678	111.916	ug/l	98
26) 2,2-Dichloropropane	7.00	77	87855	20.375	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	70932	23.285	ug/l	99
28) Bromochloromethane	7.35	49	28056	16.064	ug/l	95
29) Tetrahydrofuran	7.36	42	83972	122.232	ug/l	98
30) Chloroform	7.52	83	110509	23.153	ug/l	96
31) Cyclohexane	7.79	56	102141	20.669	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	94702	22.263	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84853	20.884	ug/l	98
37) Ethyl Acetate	7.09	43	56719	23.513	ug/l	97
38) Carbon Tetrachloride	7.91	117	81486	20.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103668	19.749	ug/l	96
40) Benzene	8.17	78	260573	21.875	ug/l	100
41) Methacrylonitrile	7.36	41	75379	56.014	ug/l #	60
42) 1,2-Dichloroethane	8.25	62	78085	23.112	ug/l	100
43) Isopropyl Acetate	8.28	43	104117	22.976	ug/l	99
44) Trichloroethene	8.94	130	67575	21.515	ug/l	99
45) 1,2-Dichloropropane	9.22	63	65045	22.186	ug/l	94
46) Dibromomethane	9.32	93	35779	22.190	ug/l	98
47) Bromodichloromethane	9.50	83	84721	22.144	ug/l	100
48) Methyl methacrylate	9.30	41	46638	23.556	ug/l	95
49) 1,4-Dioxane	9.31	88	9866	454.652	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	288636	119.802	ug/l	100
52) Toluene	10.25	92	164522	21.845	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89982	22.012	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	101136	21.596	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	52636	22.570	ug/l	92
56) Ethyl methacrylate	10.51	69	75571	22.863	ug/l	98
57) 1,3-Dichloropropane	10.79	76	94513	23.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	161296	107.939	ug/l	100
59) 2-Hexanone	10.83	43	196024	111.670	ug/l	100
60) Dibromochloromethane	10.99	129	57826	21.648	ug/l	99
61) 1,2-Dibromoethane	11.09	107	50256	22.413	ug/l	99
64) Tetrachloroethene	10.72	164	70263	21.593	ug/l	94
65) Chlorobenzene	11.52	112	171995	21.557	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	60898	22.008	ug/l	97
67) Ethyl Benzene	11.60	91	316514	21.555	ug/l	98
68) m/p-Xylenes	11.70	106	236564	41.625	ug/l	97
69) o-Xylene	12.03	106	112224	21.011	ug/l	98
70) Styrene	12.04	104	191192	20.904	ug/l	100
71) Bromoform	12.20	173	34000	21.363	ug/l #	99
73) Isopropylbenzene	12.33	105	297969	21.499	ug/l	100
74) N-amyl acetate	12.14	43	92274	23.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	64096	23.357	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	87290	40.881	ug/l #	100
77) Bromobenzene	12.61	156	68119	21.674	ug/l	96
78) n-propylbenzene	12.67	91	364381	21.790	ug/l	99
79) 2-Chlorotoluene	12.75	91	204442	22.022	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	251532	21.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20119	21.126	ug/l	98
82) 4-Chlorotoluene	12.85	91	218762	22.733	ug/l	96
83) tert-Butylbenzene	13.07	119	210626	21.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	254947	22.183	ug/l	97
85) sec-Butylbenzene	13.25	105	304575	21.691	ug/l	99
86) p-Isopropyltoluene	13.37	119	267567	21.380	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	132019	21.446	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	132034	21.464	ug/l	98
89) n-Butylbenzene	13.69	91	265441	21.505	ug/l	99
90) Hexachloroethane	13.96	117	50037	21.628	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	124765	22.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11436	23.547	ug/l	94

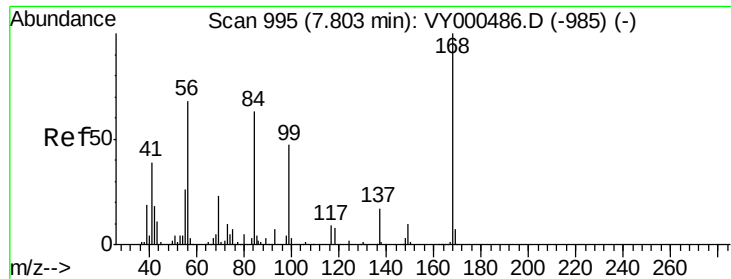
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	82890	21.796	ug/l	95
94) Hexachlorobutadiene	15.11	225	40770	20.797	ug/l	97
95) Naphthalene	15.23	128	194498	23.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	73746	21.614	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

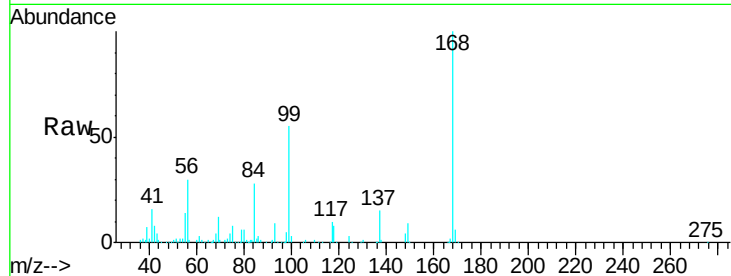
VY1107SBSD02

Tgt Ion:168 Resp: 246699

Ion Ratio Lower Upper

168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

60000

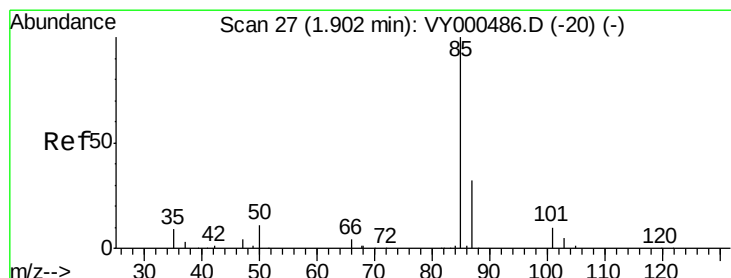
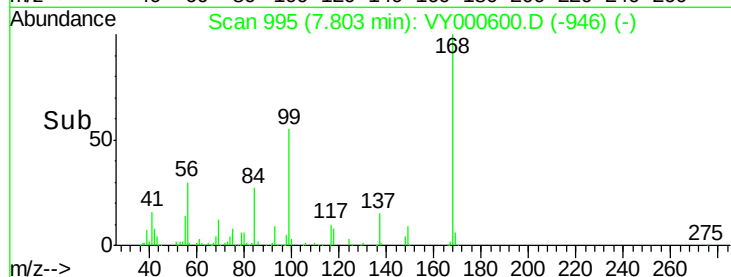
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.108 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000600.D

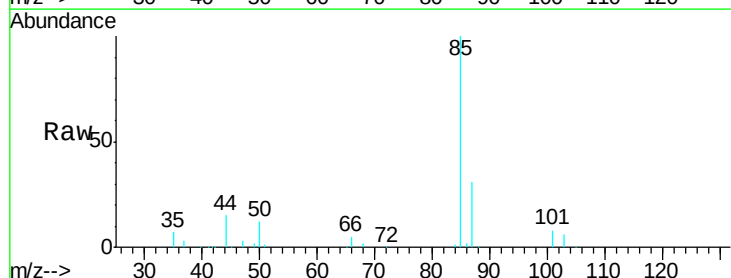
Acq: 07 Nov 2019 23:30

Tgt Ion: 85 Resp: 48831

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

30000

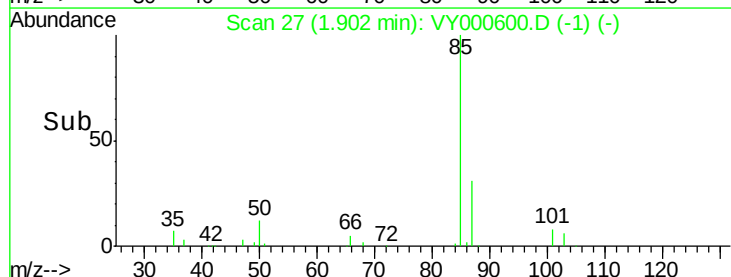
20000

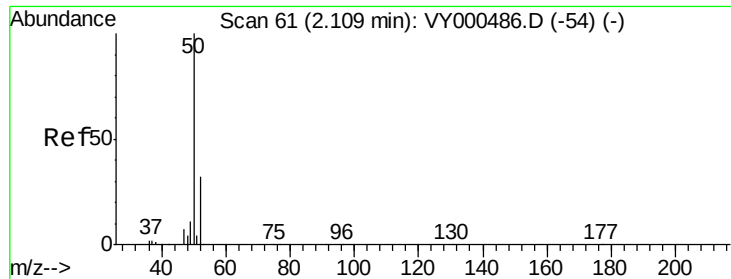
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.552 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

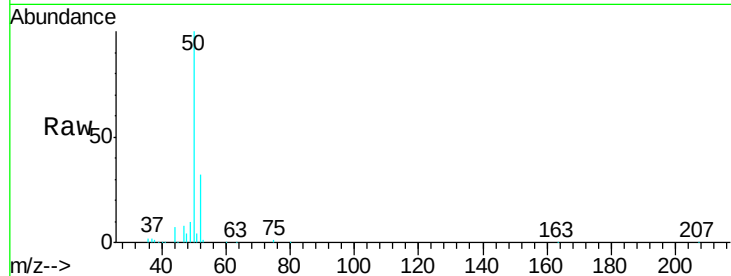
VY1107SBSD02

Tgt Ion: 50 Resp: 68754

Ion Ratio Lower Upper

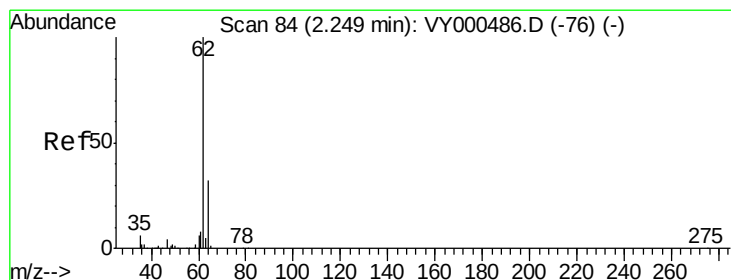
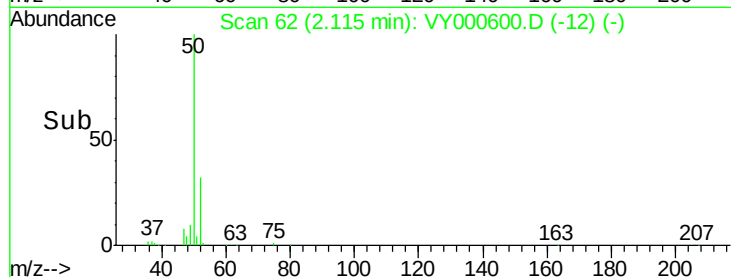
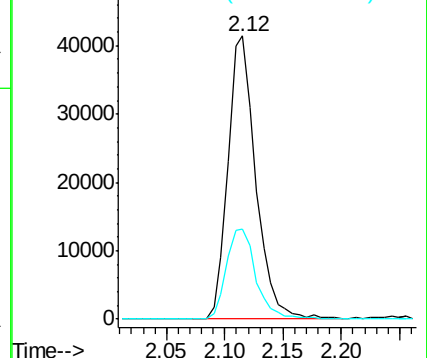
50 100

52 31.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.564 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000600.D

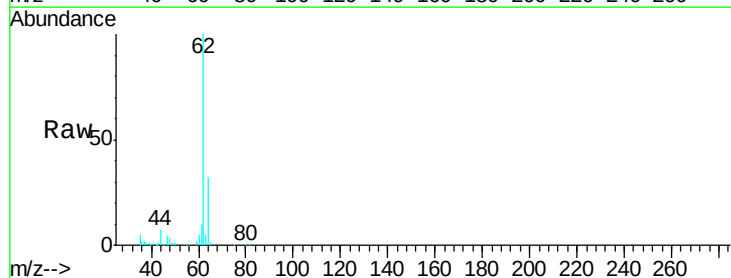
Acq: 07 Nov 2019 23:30

Tgt Ion: 62 Resp: 63883

Ion Ratio Lower Upper

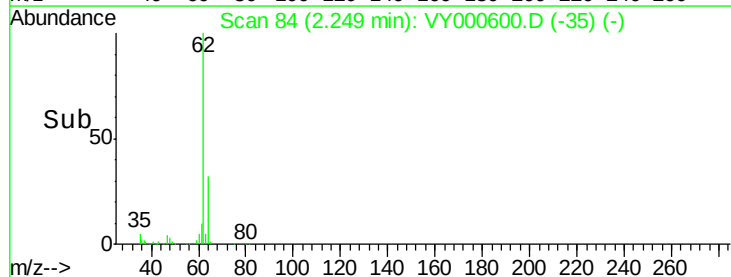
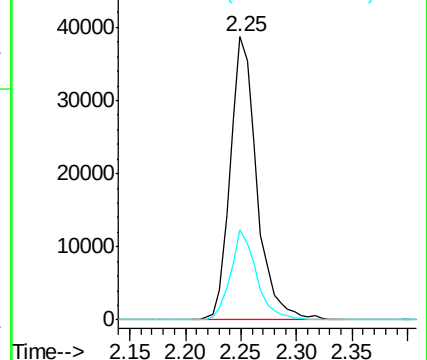
62 100

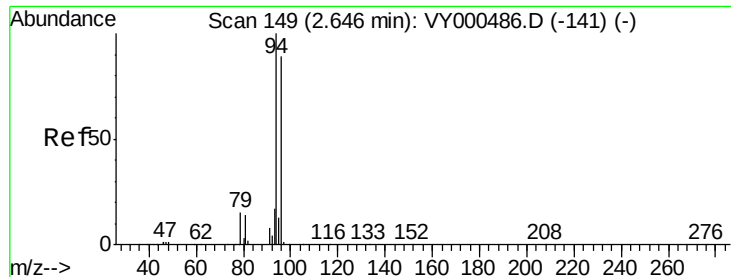
64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 24.528 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

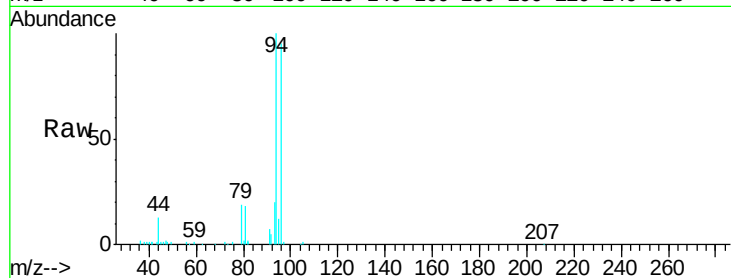
VY1107SBS02

Tgt Ion: 94 Resp: 45694

Ion Ratio Lower Upper

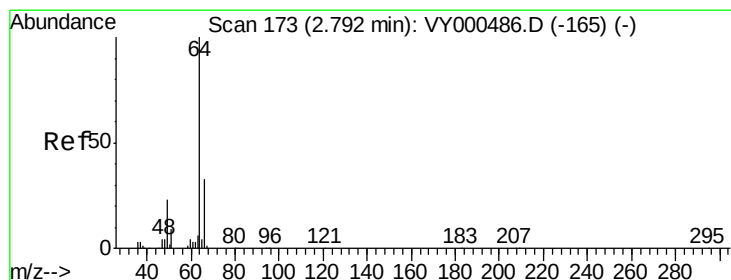
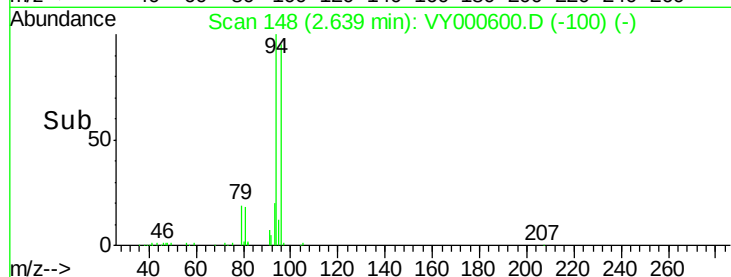
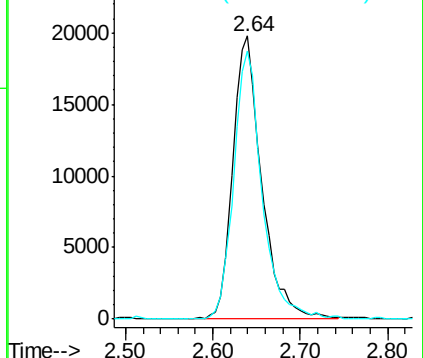
94 100

96 94.7 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.108 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000600.D

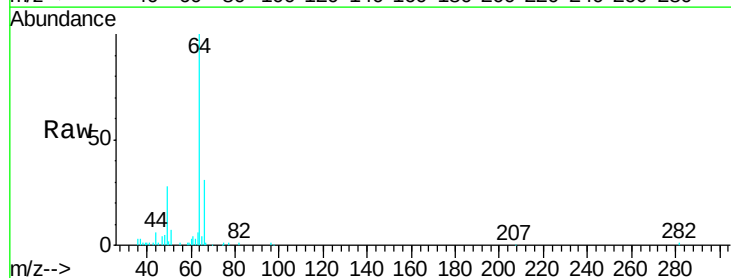
Acq: 07 Nov 2019 23:30

Tgt Ion: 64 Resp: 42985

Ion Ratio Lower Upper

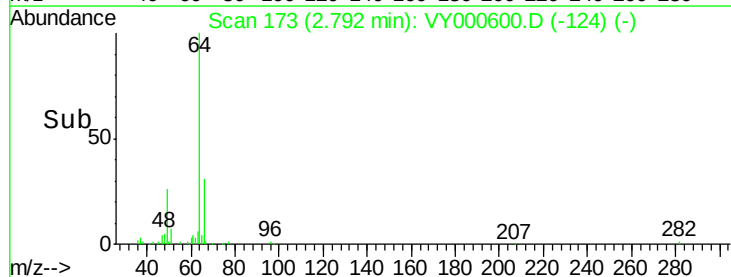
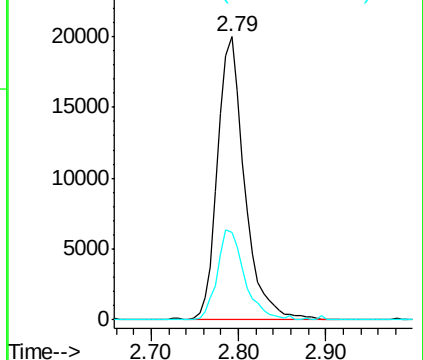
64 100

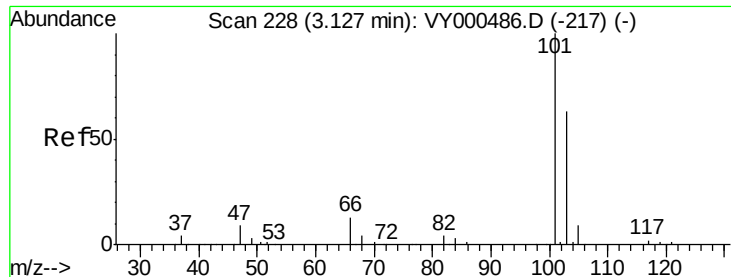
66 30.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



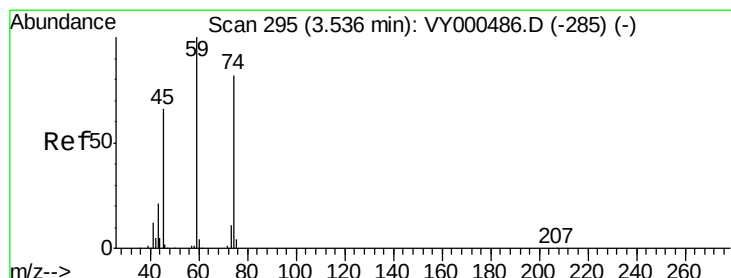
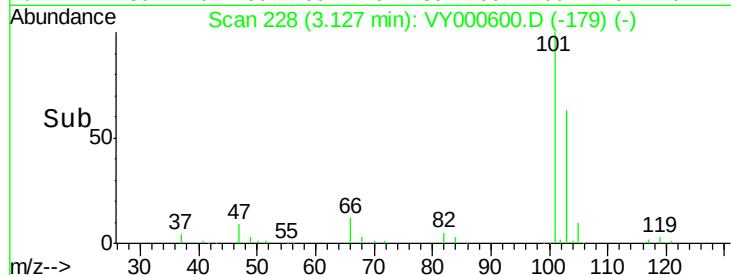
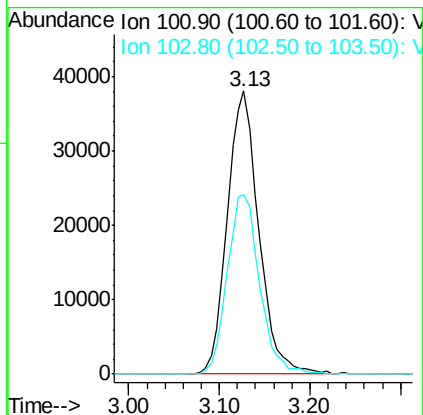
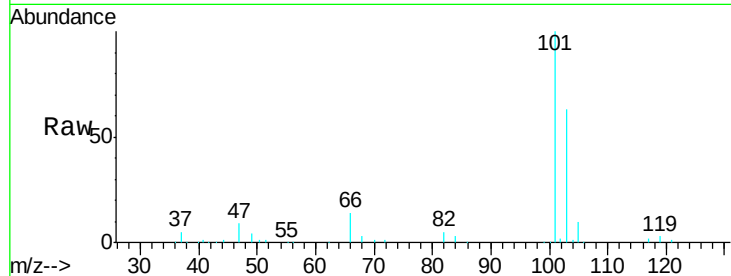


#7

Trichlorofluoromethane
 Concen: 21.874 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

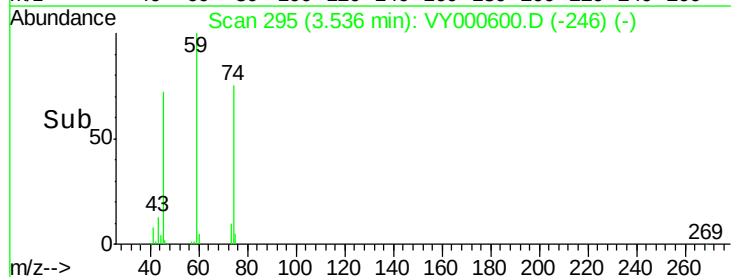
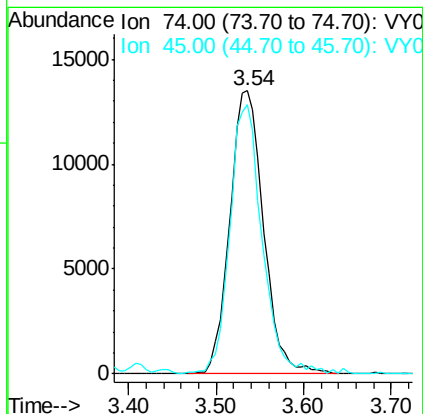
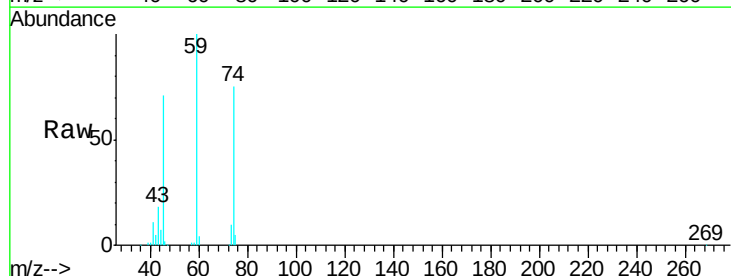
Tgt Ion:101 Resp: 91770
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.5 75.7

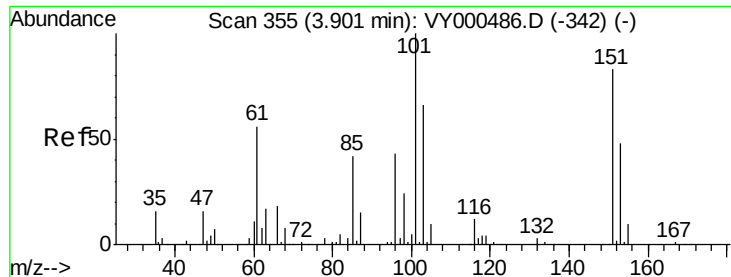


#8

Diethyl Ether
 Concen: 24.209 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 74 Resp: 36089
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.5 136.4

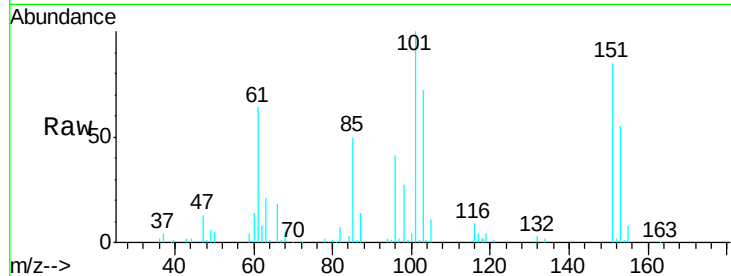




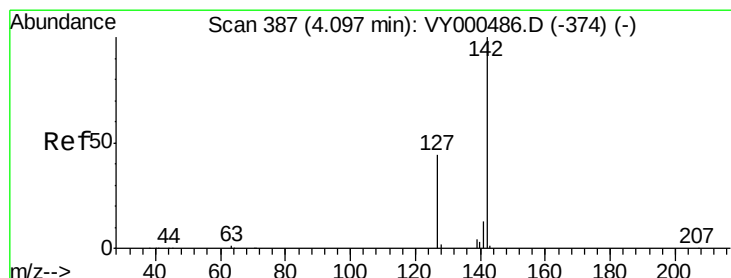
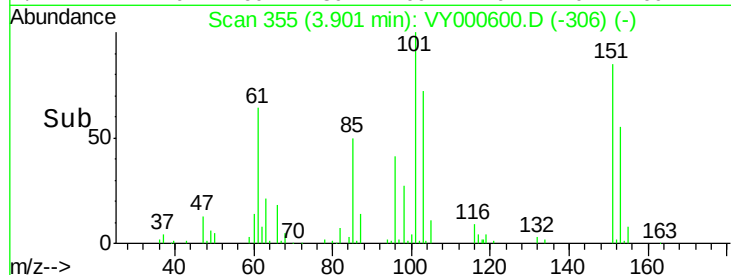
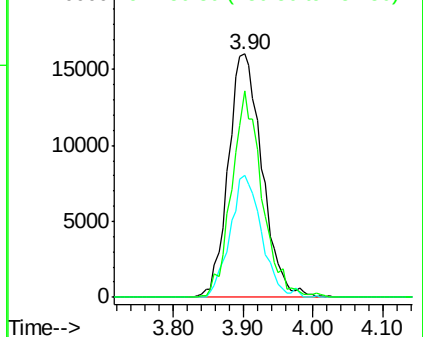
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.164 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Tgt Ion:101 Resp: 53680
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.7 55.1
 151 75.6 64.3 96.5

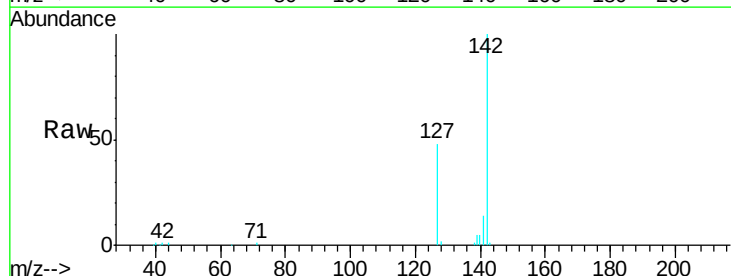


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

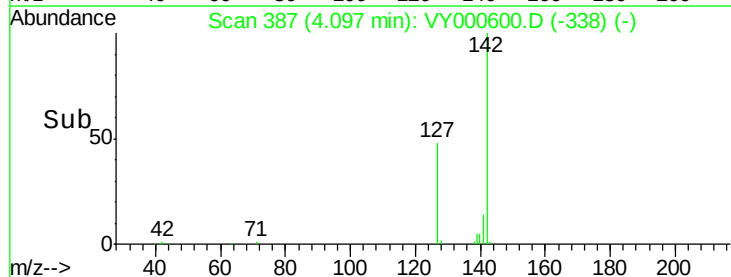
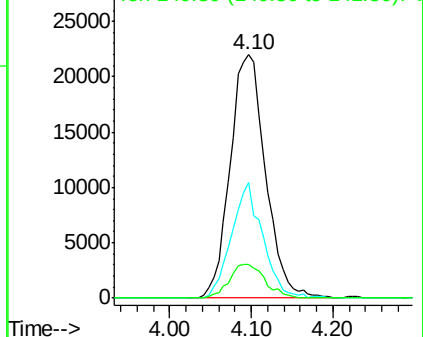


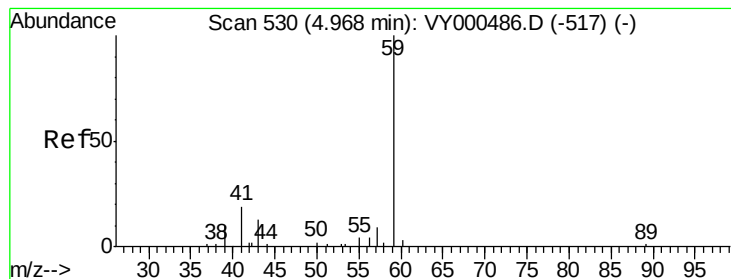
#10
 Methyl Iodide
 Concen: 21.663 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion:142 Resp: 65858
 Ion Ratio Lower Upper
 142 100
 127 42.1 33.7 50.5
 141 14.0 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



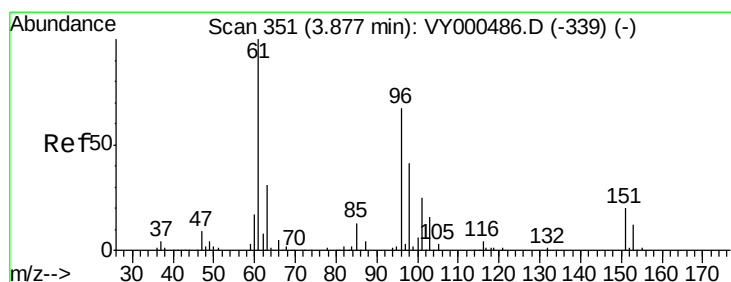
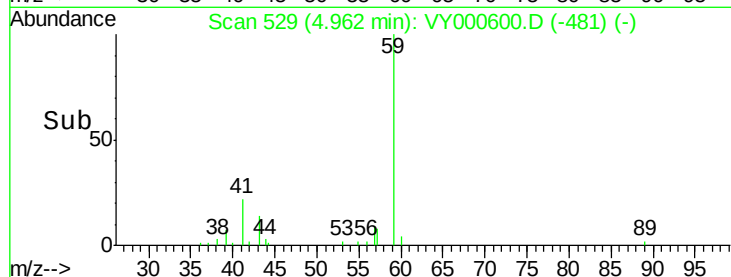
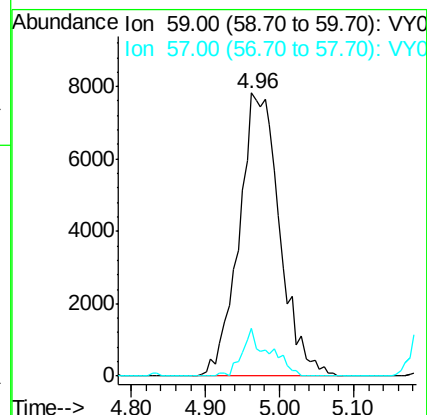
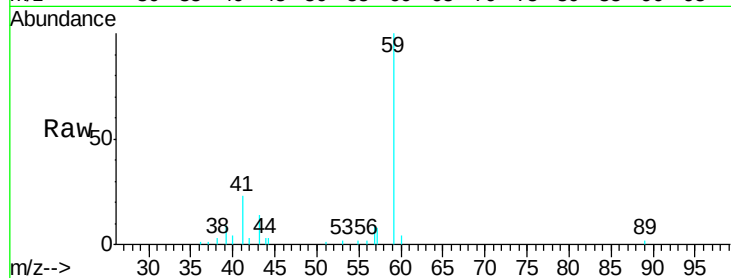


#11

Tert butyl alcohol
 Concen: 120.067 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

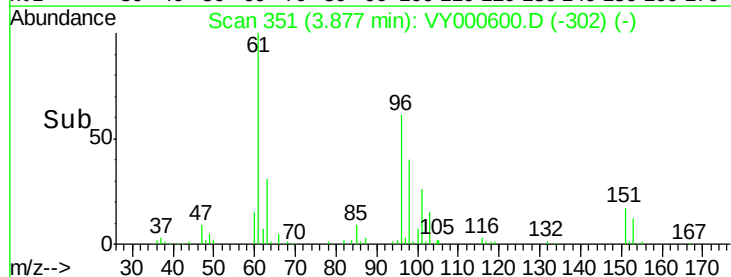
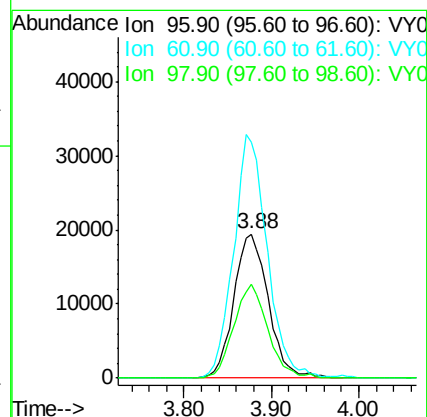
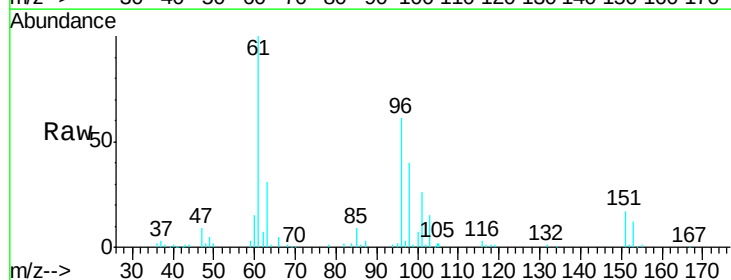
Tgt Ion: 59 Resp: 29839
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.6 12.8

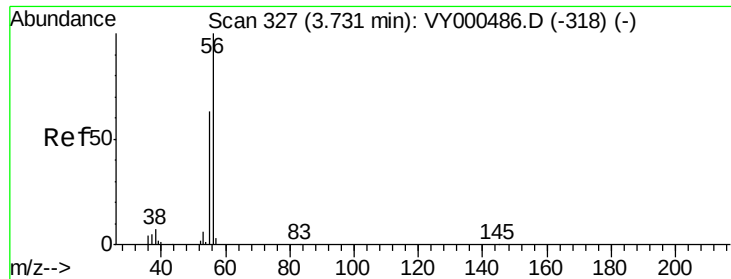


#12

1,1-Dichloroethene
 Concen: 21.571 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 96 Resp: 53157
 Ion Ratio Lower Upper
 96 100
 61 163.6 119.2 178.8
 98 65.1 48.6 73.0





#13

Acrolein

Concen: 87.082 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

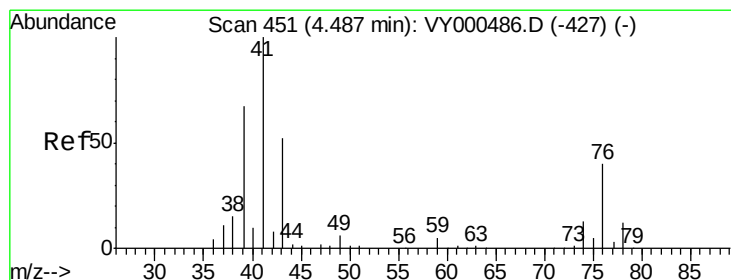
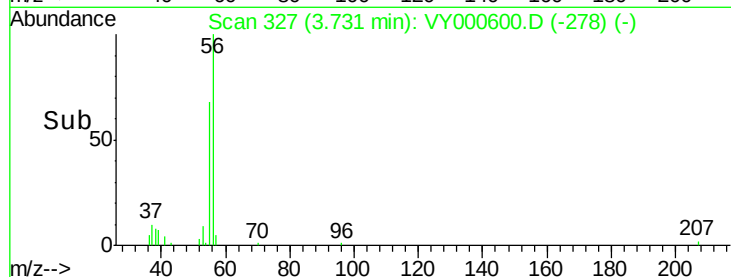
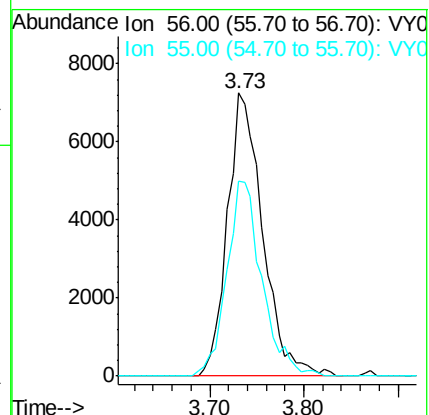
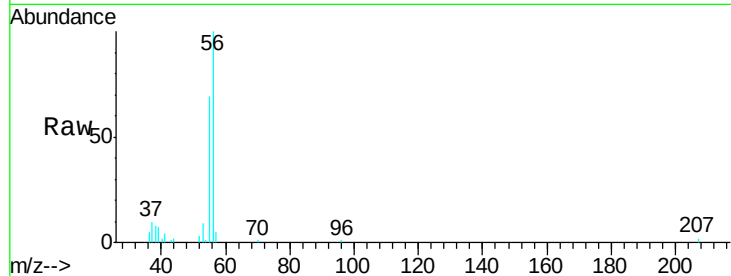
VY1107SBSD02

Tgt Ion: 56 Resp: 18851

Ion Ratio Lower Upper

56 100

55 68.4 57.0 85.6



#14

Allyl chloride

Concen: 23.409 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

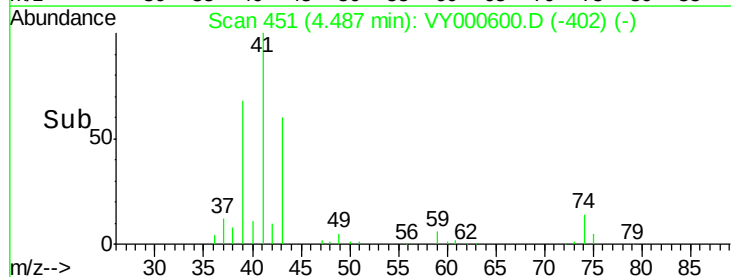
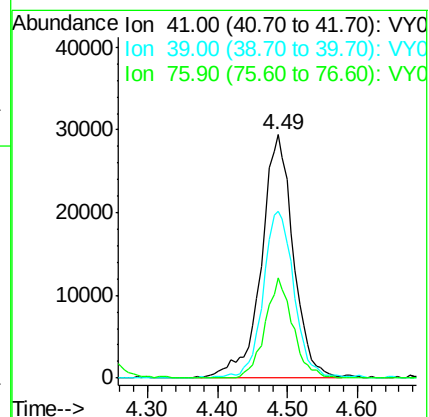
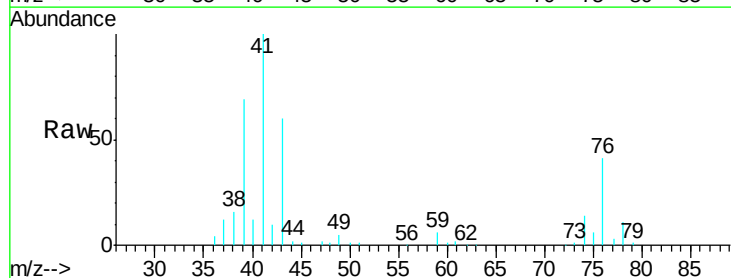
Tgt Ion: 41 Resp: 93800

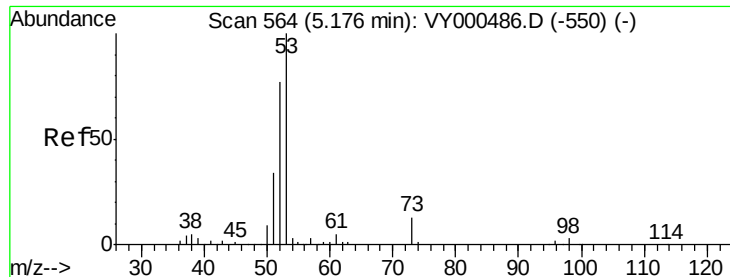
Ion Ratio Lower Upper

41 100

39 65.6 53.6 80.4

76 35.5 29.8 44.6





#15

Acrylonitrile

Concen: 124.279 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

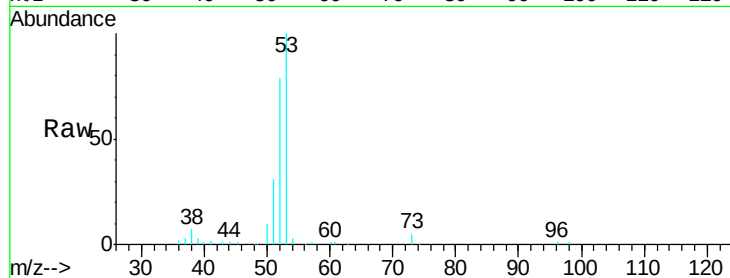
Tgt Ion: 53 Resp: 94906

Ion Ratio Lower Upper

53 100

52 81.7 64.9 97.3

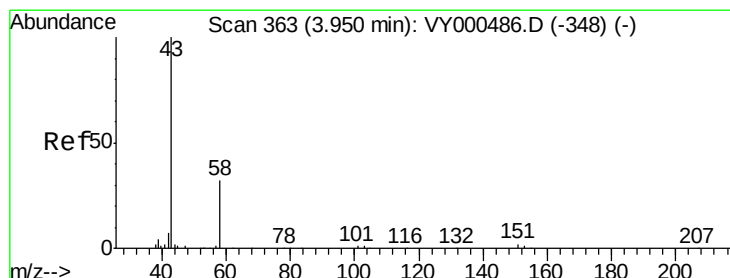
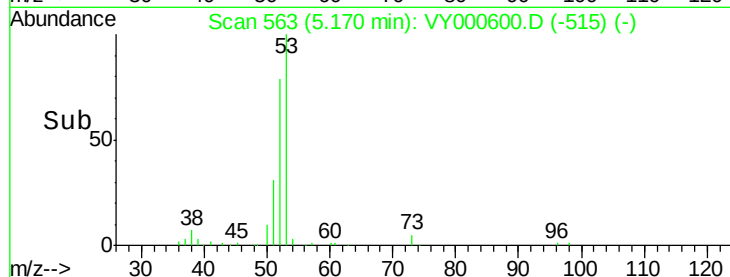
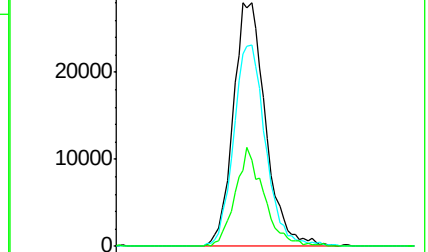
51 36.0 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000486.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 102.541 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000600.D

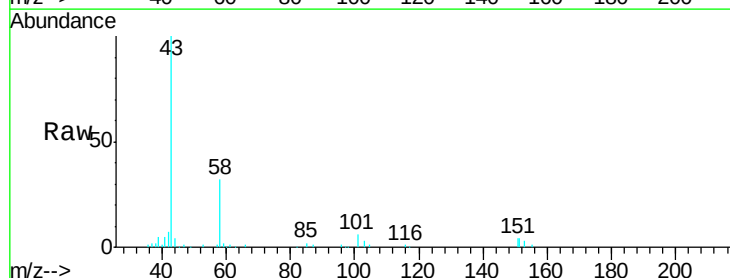
Acq: 07 Nov 2019 23:30

Tgt Ion: 43 Resp: 72152

Ion Ratio Lower Upper

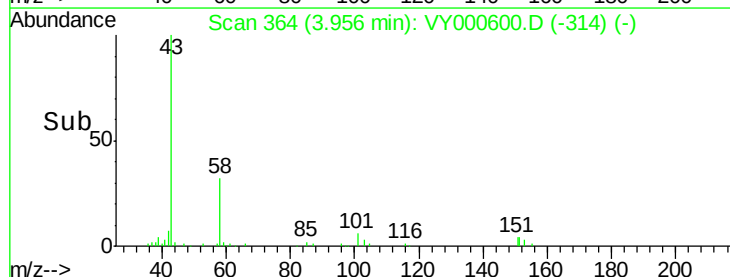
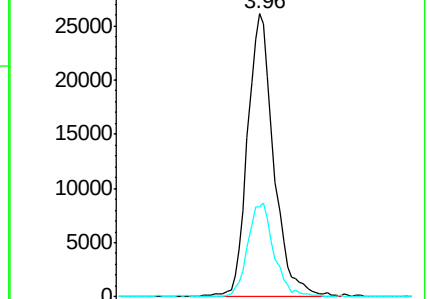
43 100

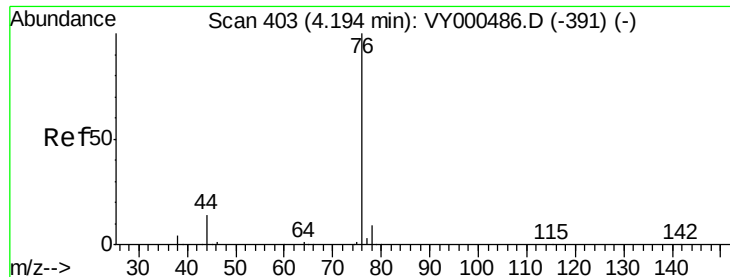
58 31.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)





#17

Carbon Disulfide

Concen: 21.289 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

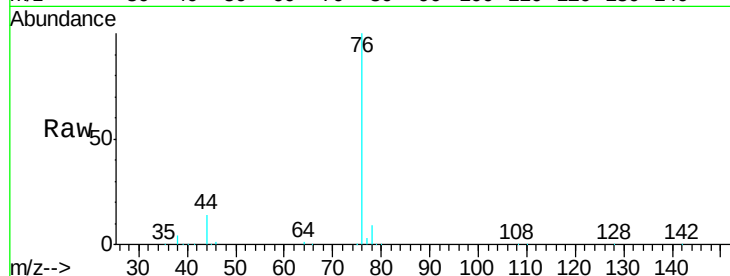
VY1107SBSD02

Tgt Ion: 76 Resp: 165466

Ion Ratio Lower Upper

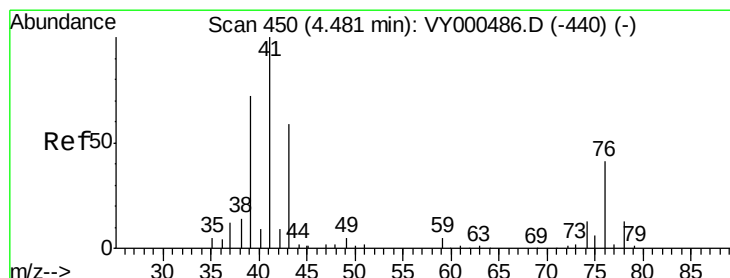
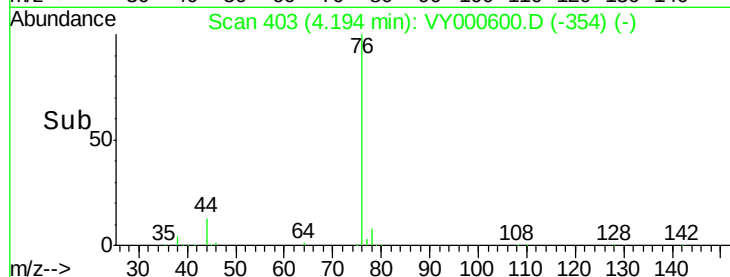
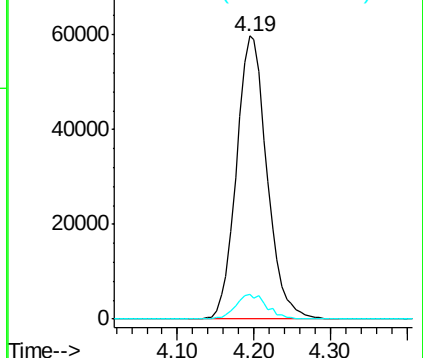
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.739 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000600.D

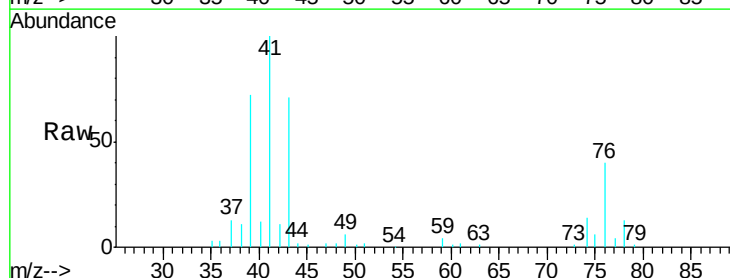
Acq: 07 Nov 2019 23:30

Tgt Ion: 43 Resp: 56313

Ion Ratio Lower Upper

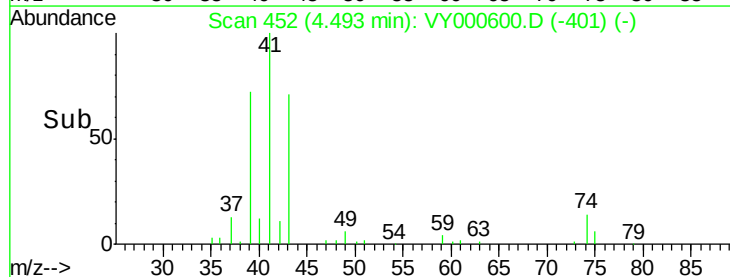
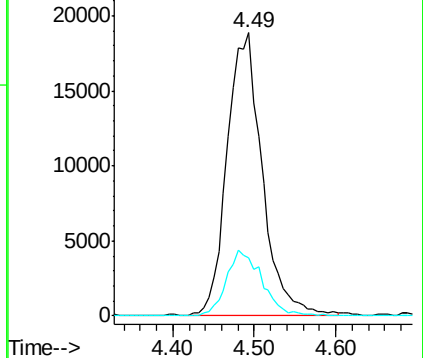
43 100

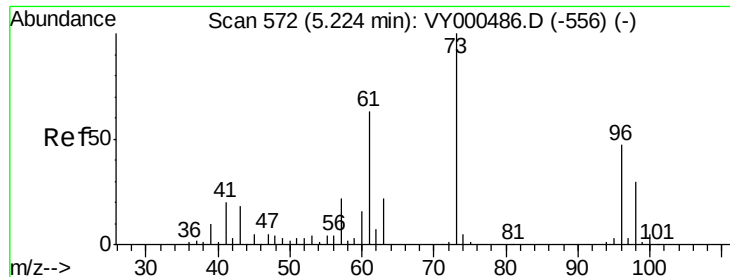
74 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

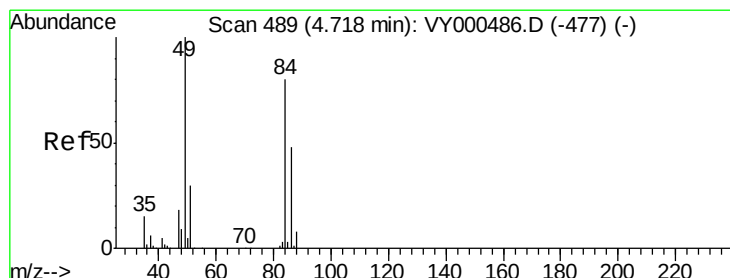
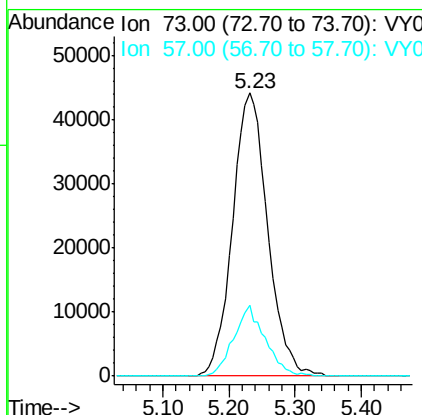
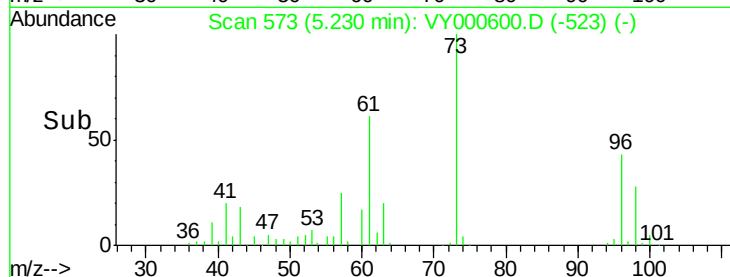
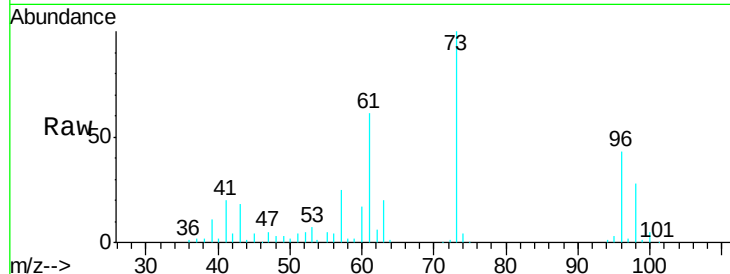




#19
Methyl tert-butyl Ether
Concen: 23.815 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

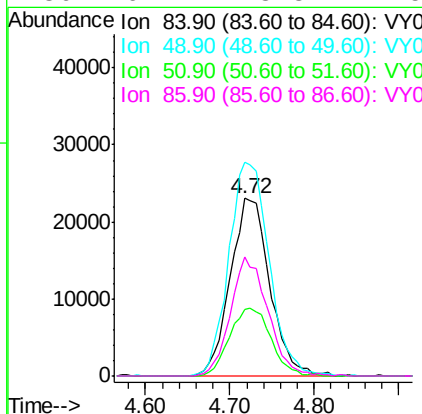
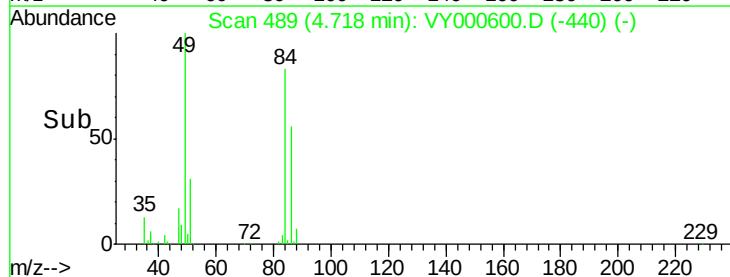
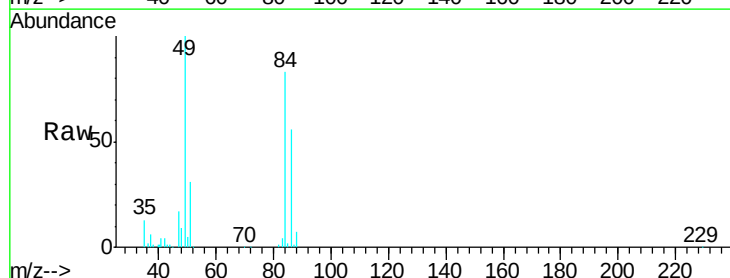
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

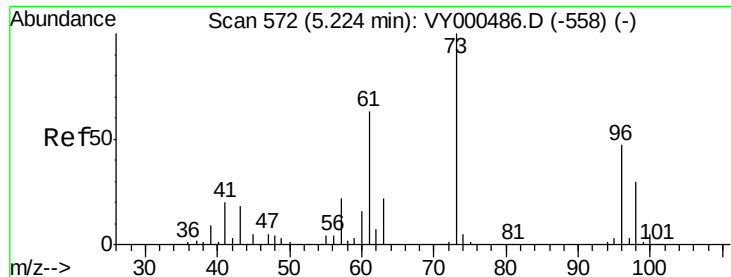
Tgt Ion: 73 Resp: 163172
Ion Ratio Lower Upper
73 100
57 25.2 17.4 26.0



#20
Methylene Chloride
Concen: 24.273 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 84 Resp: 73184
Ion Ratio Lower Upper
84 100
49 120.4 100.2 150.4
51 37.6 29.6 44.4
86 67.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 22.354 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

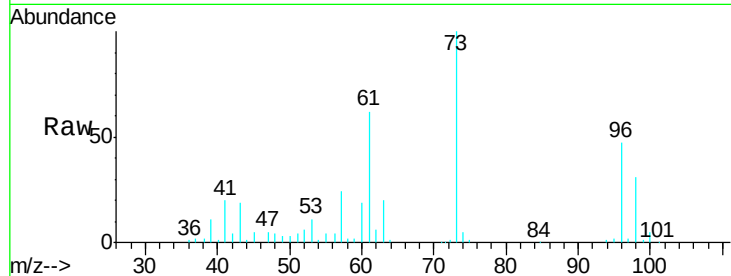
Tgt Ion: 96 Resp: 62276

Ion Ratio Lower Upper

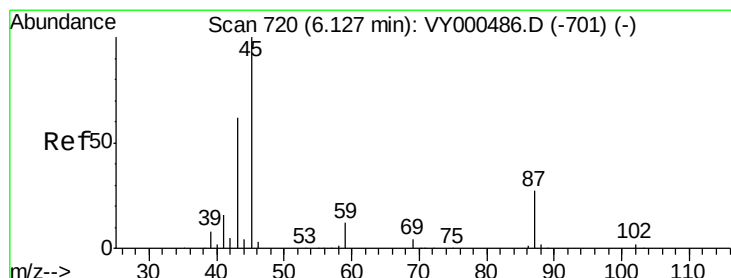
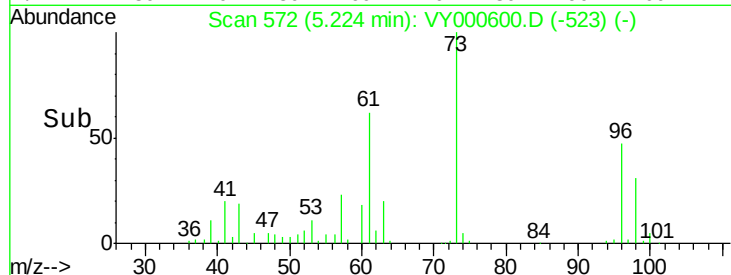
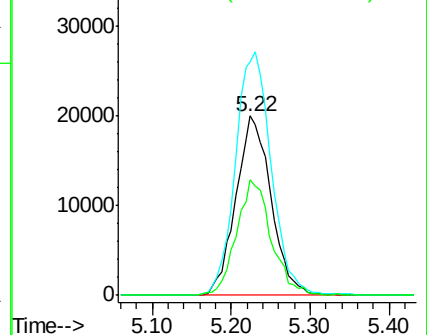
96 100

61 130.4 106.6 160.0

98 64.4 50.6 76.0



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



#22

Diisopropyl ether

Concen: 24.012 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion: 45 Resp: 209126

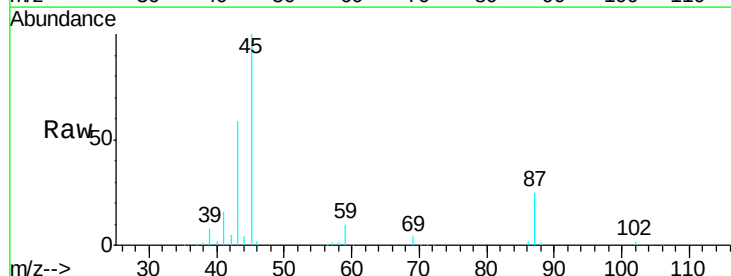
Ion Ratio Lower Upper

45 100

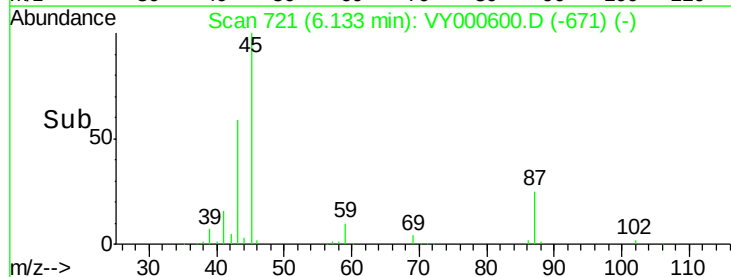
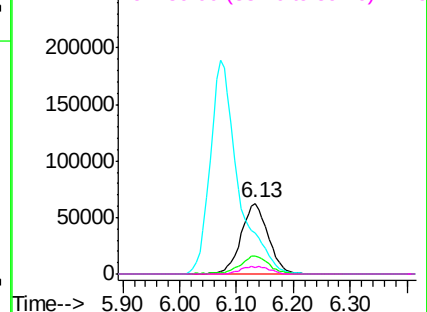
43 58.4 50.0 75.0

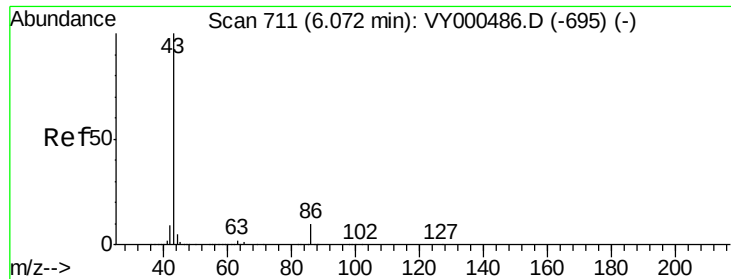
87 25.1 21.6 32.4

59 9.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 117.035 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

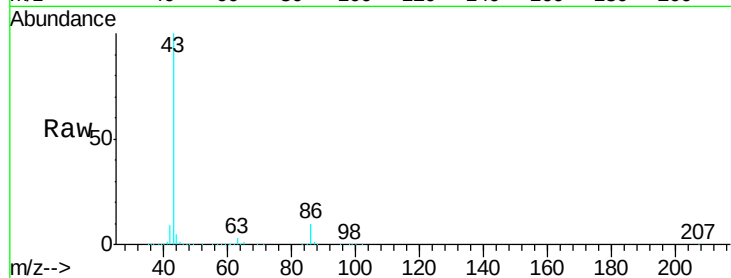
VY1107SBS02

Tgt Ion: 43 Resp: 643441

Ion Ratio Lower Upper

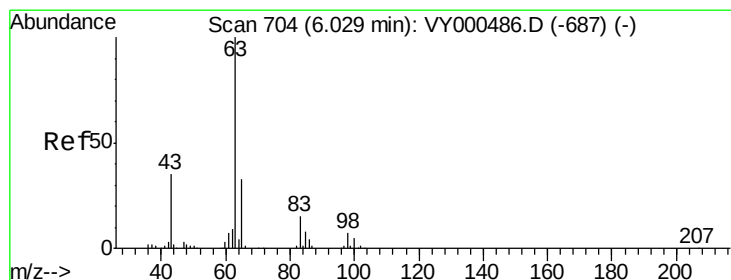
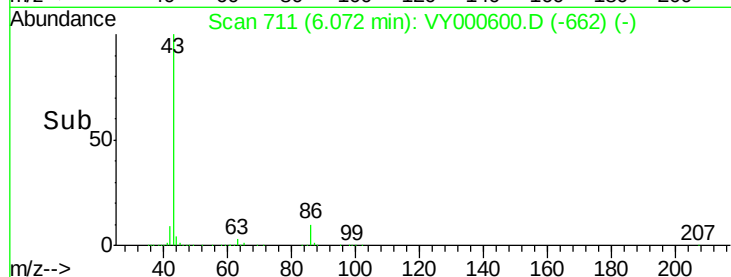
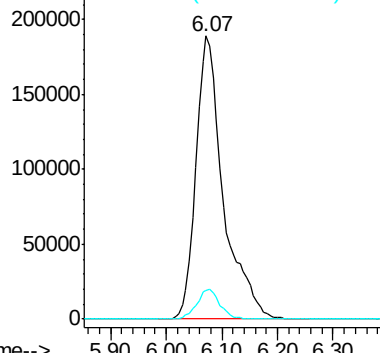
43 100

86 9.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.615 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

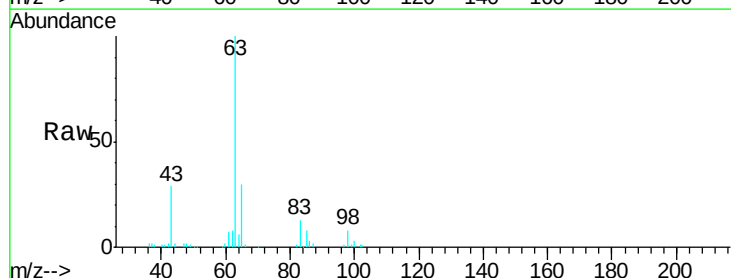
Tgt Ion: 63 Resp: 111423

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

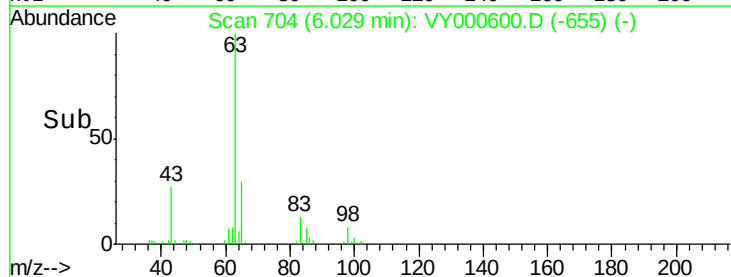
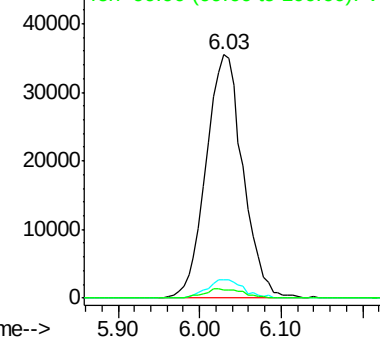
100 3.1 2.4 7.1

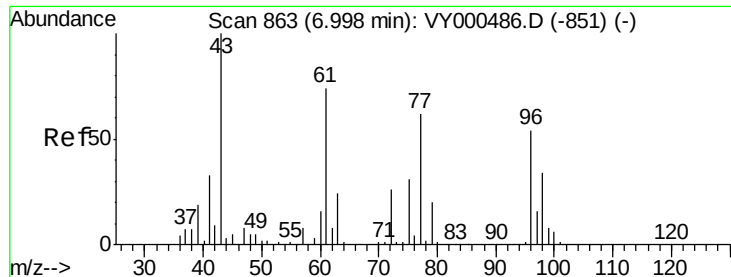


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 111.916 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

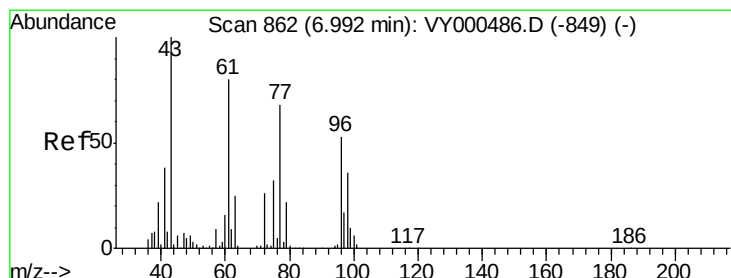
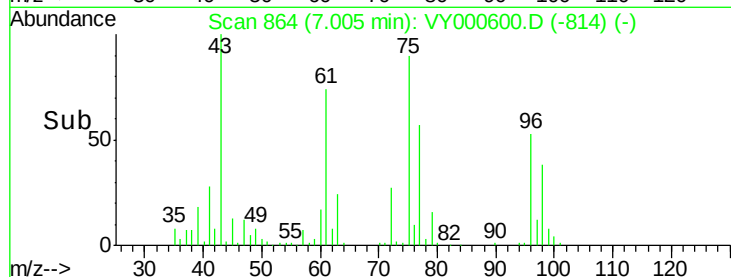
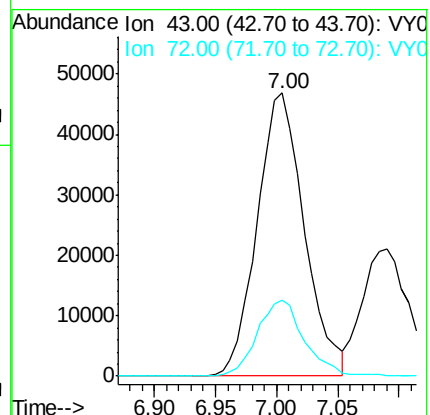
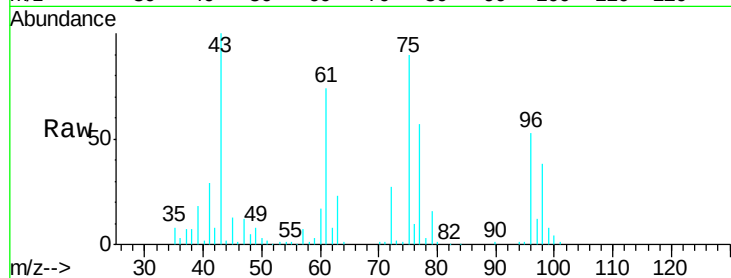
VY1107SBSD02

Tgt Ion: 43 Resp: 125678

Ion Ratio Lower Upper

43 100

72 27.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.375 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000600.D

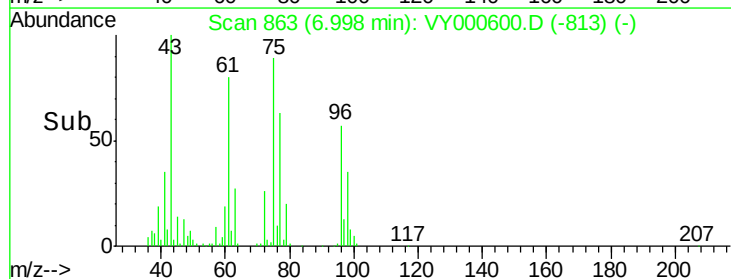
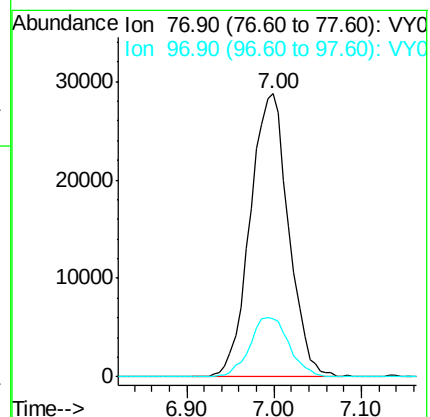
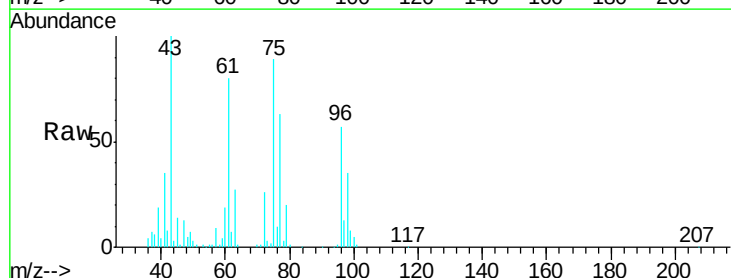
Acq: 07 Nov 2019 23:30

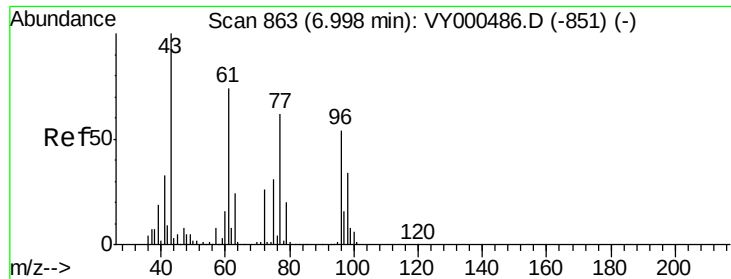
Tgt Ion: 77 Resp: 87855

Ion Ratio Lower Upper

77 100

97 21.4 11.8 35.4



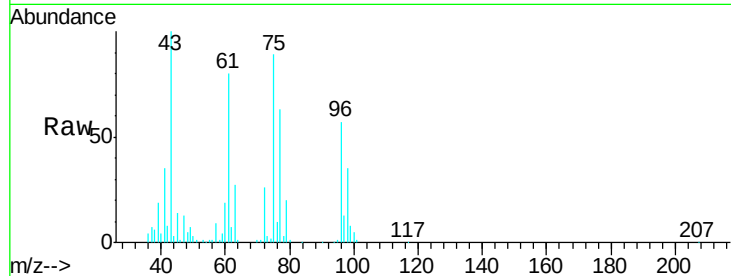


#27

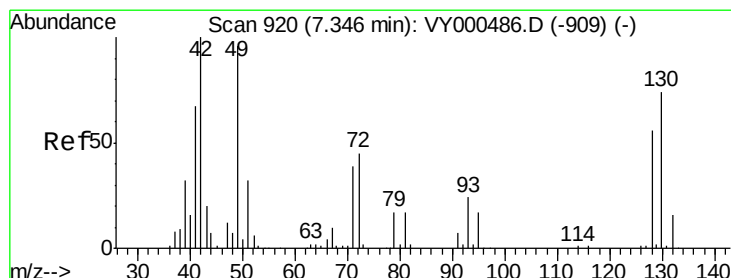
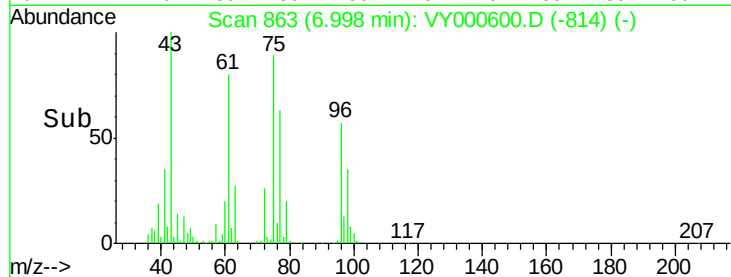
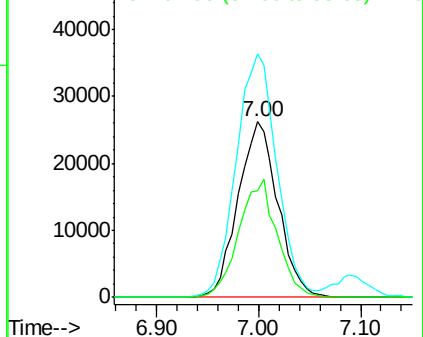
cis-1,2-Dichloroethene
Concen: 23.285 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 96 Resp: 70932
Ion Ratio Lower Upper
96 100
61 141.9 0.0 287.0
98 64.6 0.0 129.4



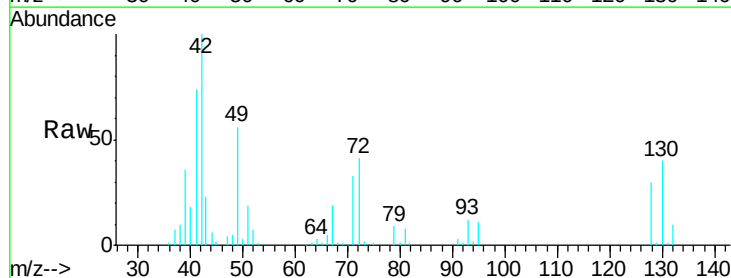
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



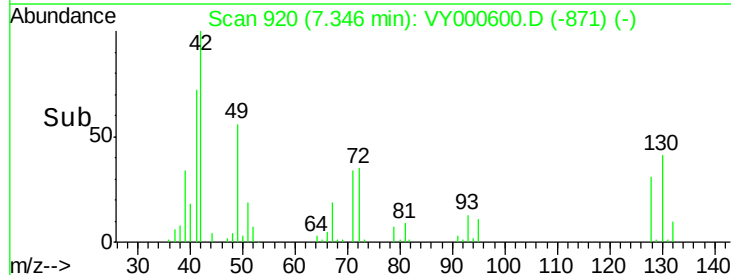
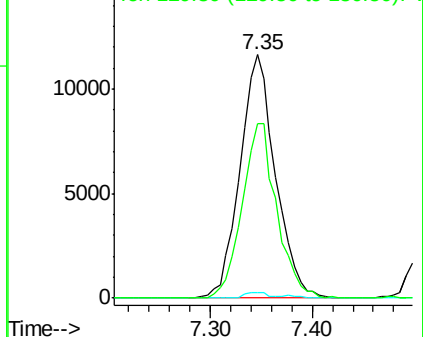
#28

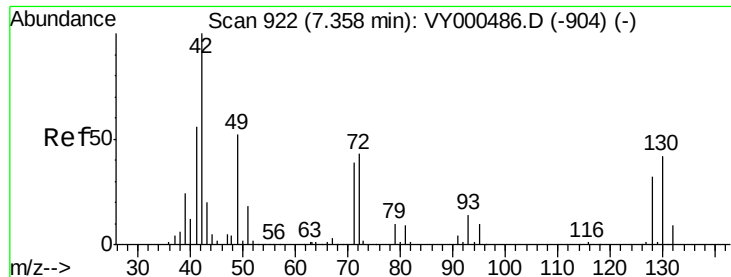
Bromochloromethane
Concen: 16.064 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 49 Resp: 28056
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 69.9 59.4 89.0



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





#29

Tetrahydrofuran

Concen: 122.232 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

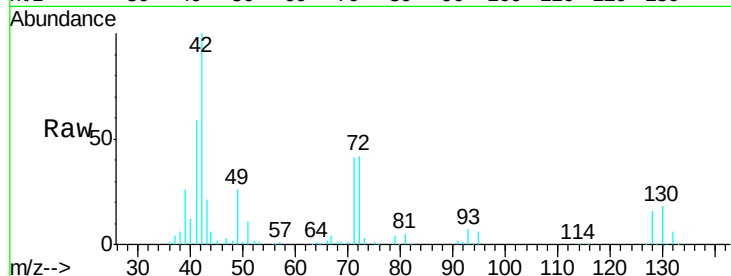
Tgt Ion: 42 Resp: 83972

Ion Ratio Lower Upper

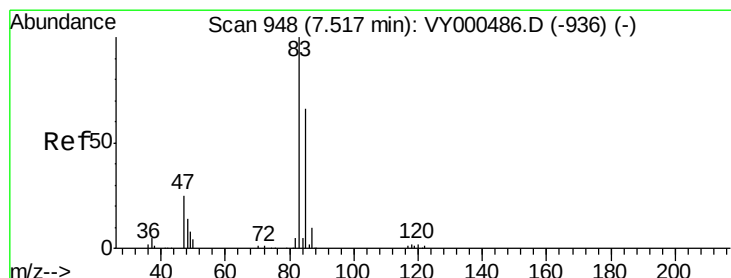
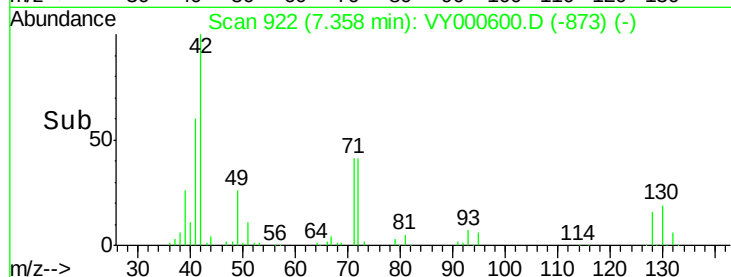
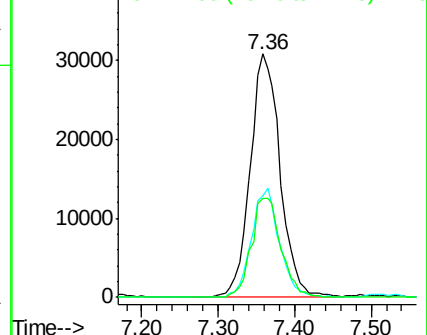
42 100

72 41.7 34.0 51.0

71 40.2 30.8 46.2



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



#30

Chloroform

Concen: 23.153 ug/l

RT: 7.52 min Scan# 949

Delta R.T. 0.01 min

Lab File: VY000600.D

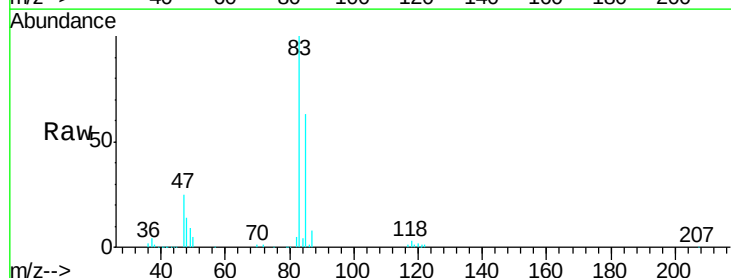
Acq: 07 Nov 2019 23:30

Tgt Ion: 83 Resp: 110509

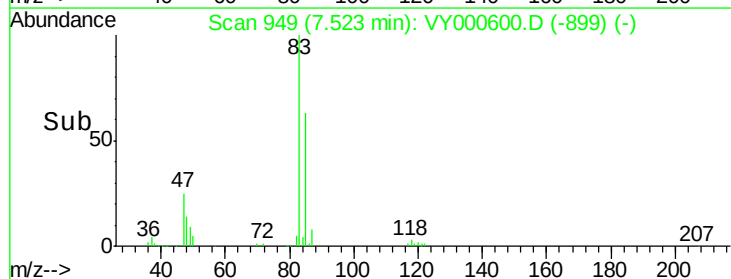
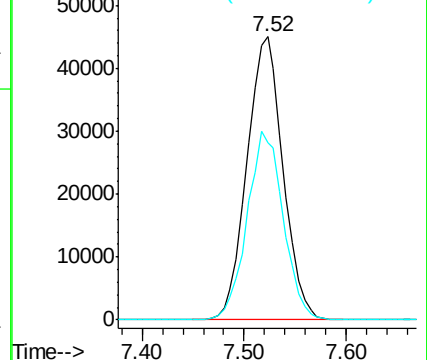
Ion Ratio Lower Upper

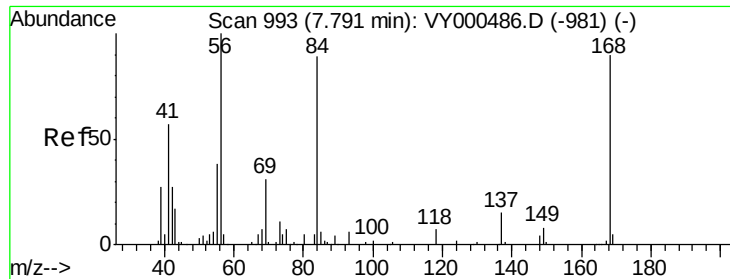
83 100

85 62.8 53.0 79.4



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

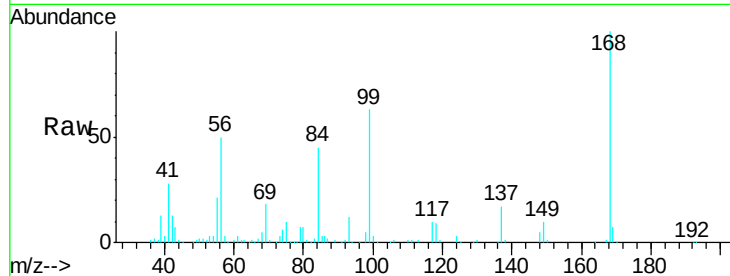




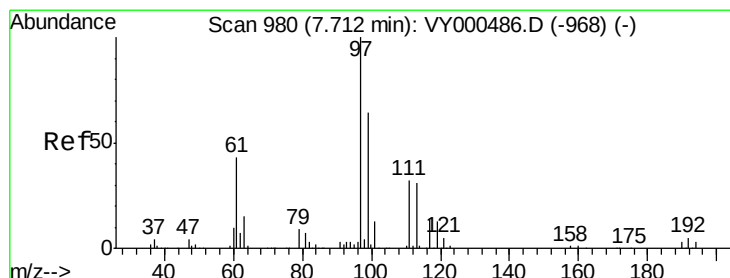
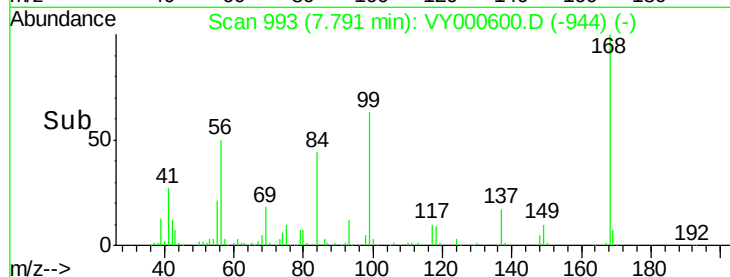
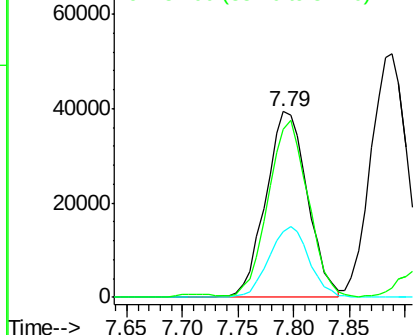
#31
Cyclohexane
Concen: 20.669 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

Tgt Ion: 56 Resp: 102141
Ion Ratio Lower Upper
56 100
69 35.6 25.0 37.6
84 89.0 71.4 107.2

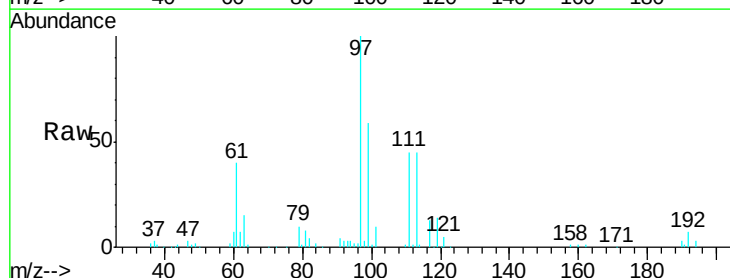


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

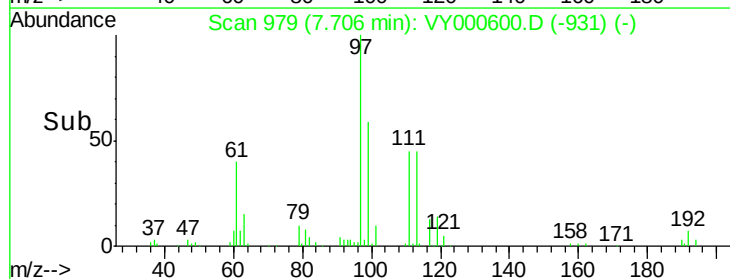
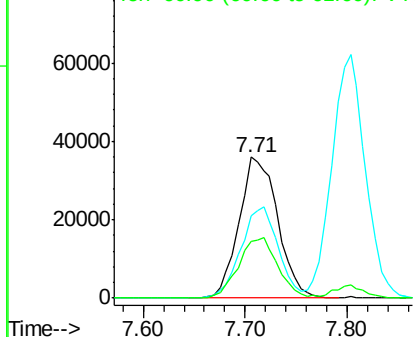


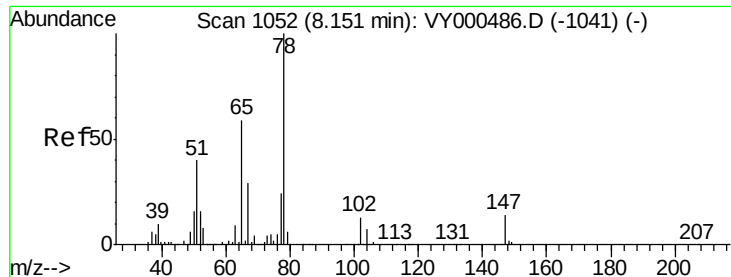
#32
1,1,1-Trichloroethane
Concen: 22.263 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 97 Resp: 94702
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 43.9 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

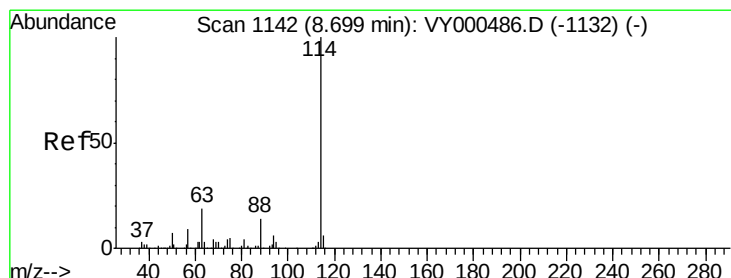
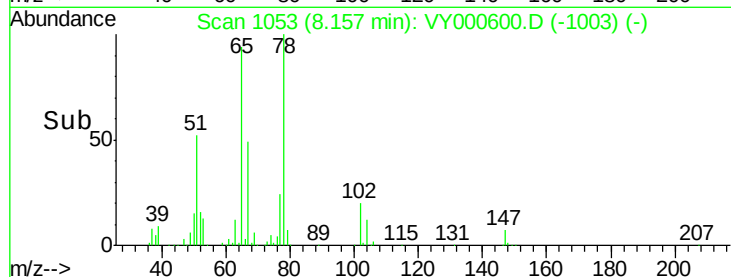
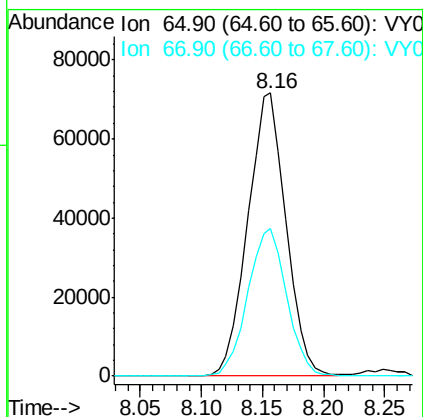
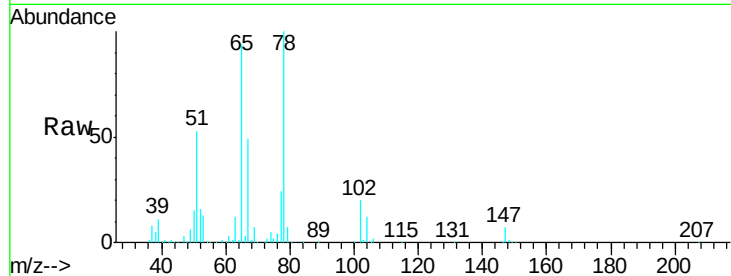




#33
 1,2-Dichloroethane-d4
 Concen: 60.948 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

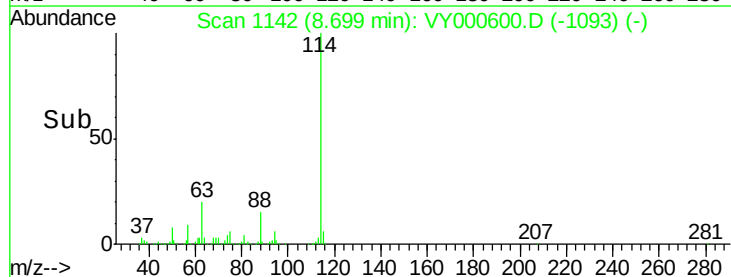
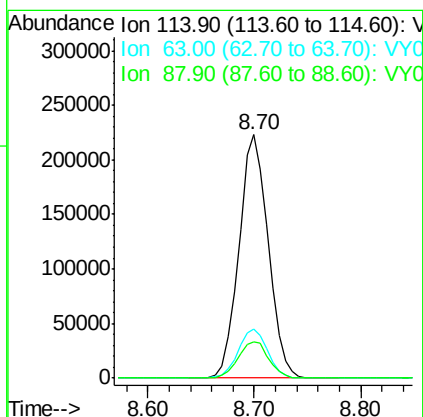
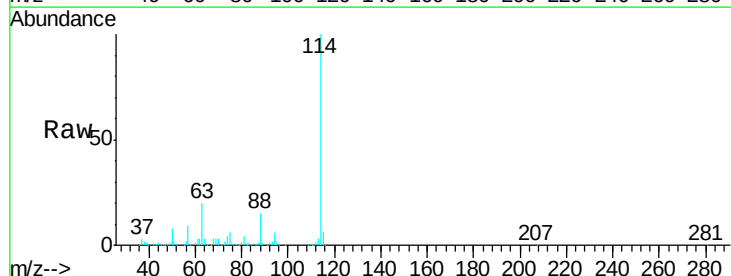
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

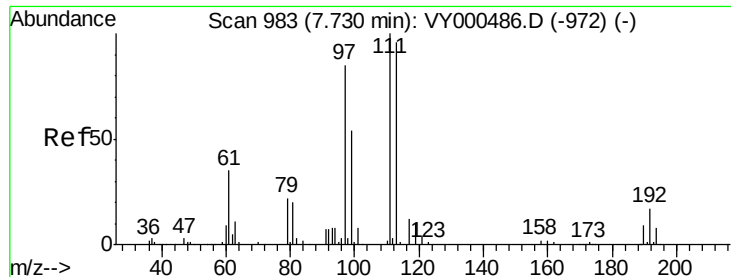
Tgt Ion: 65 Resp: 155600
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 114 Resp: 429799
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 15.0 0.0 28.6

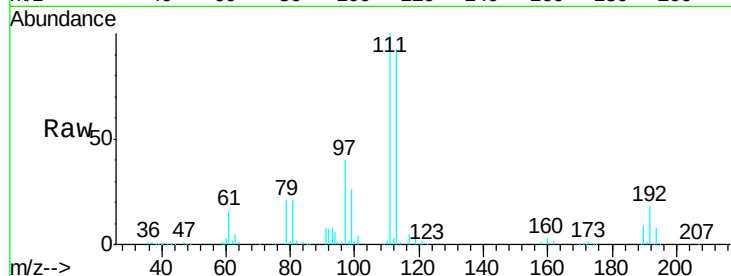




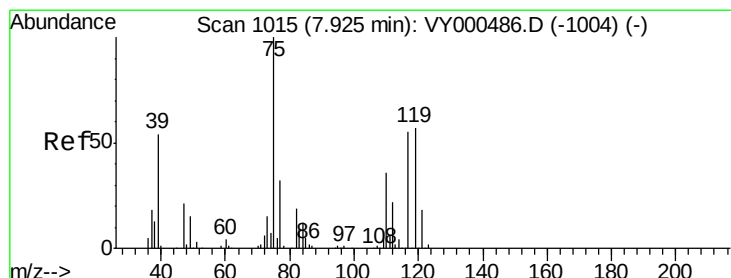
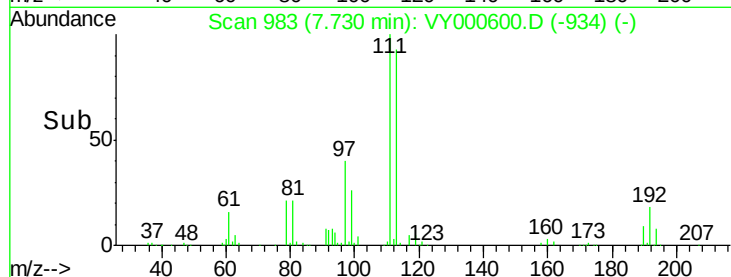
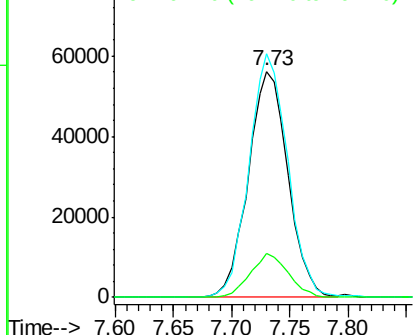
#35
 Dibromofluoromethane
 Concen: 52.891 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Tgt Ion: 113 Resp: 133455
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.7 122.5
 192 18.6 15.0 22.4

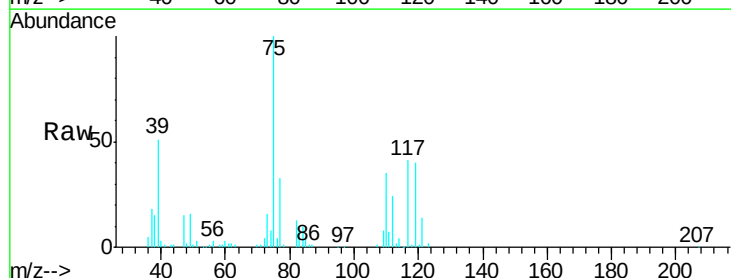


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

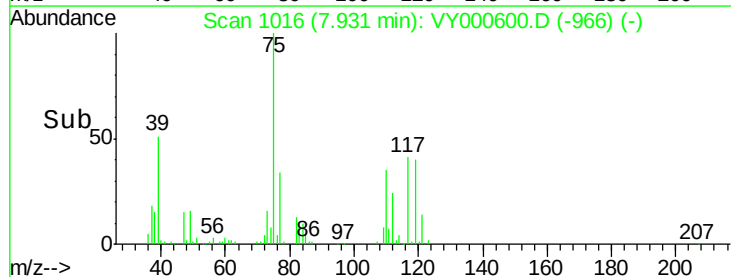
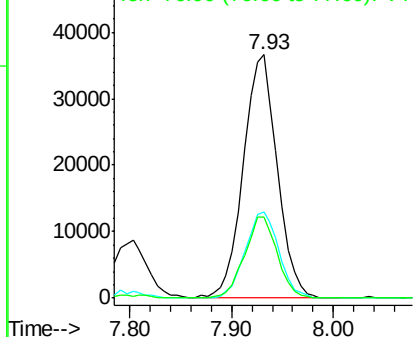


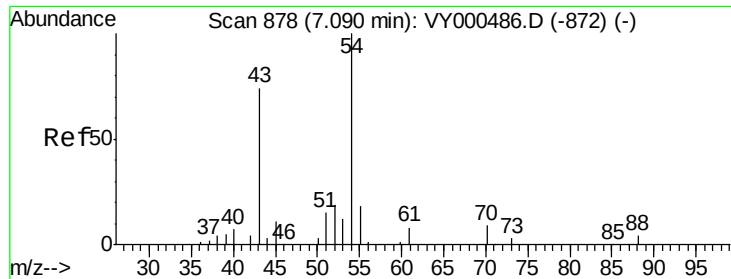
#36
 1,1-Dichloropropene
 Concen: 20.884 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 75 Resp: 84853
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.1
 77 32.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

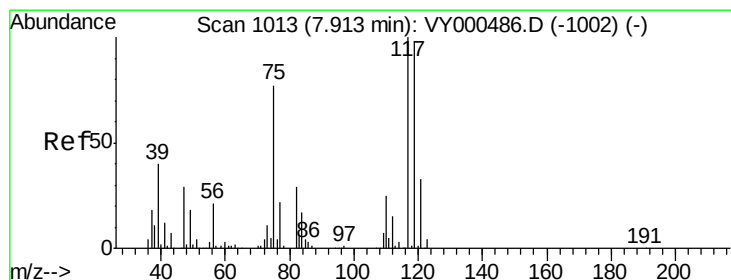
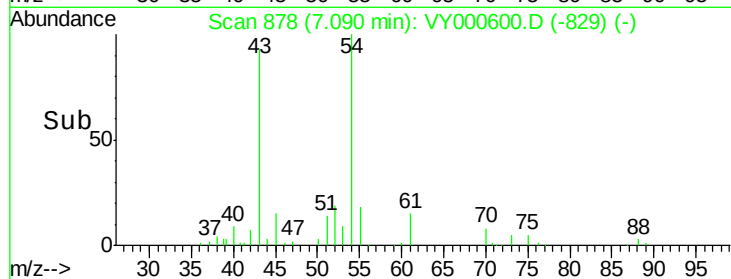
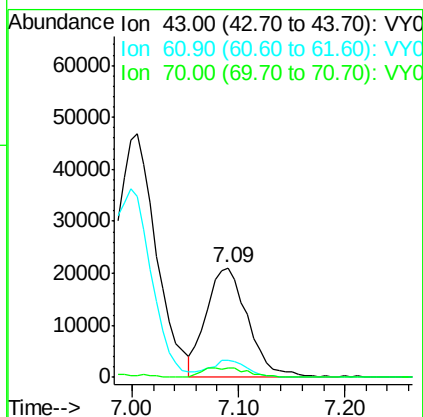
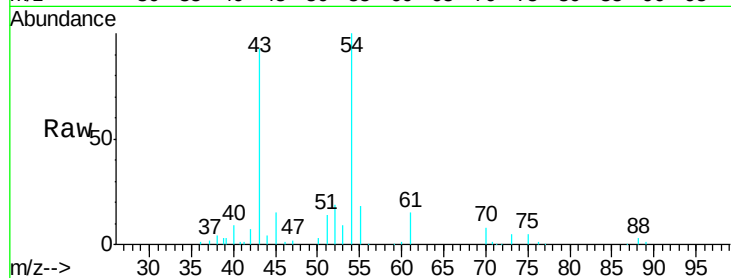




#37
 Ethyl Acetate
 Concen: 23.513 ug/l
 RT: 7.09 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

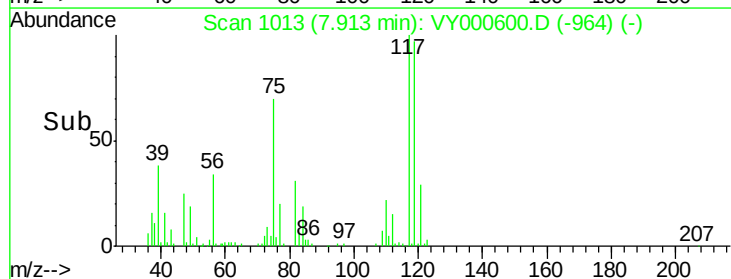
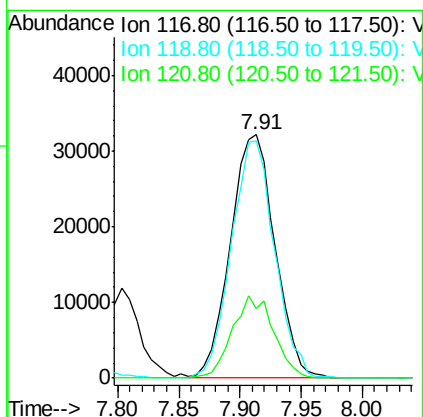
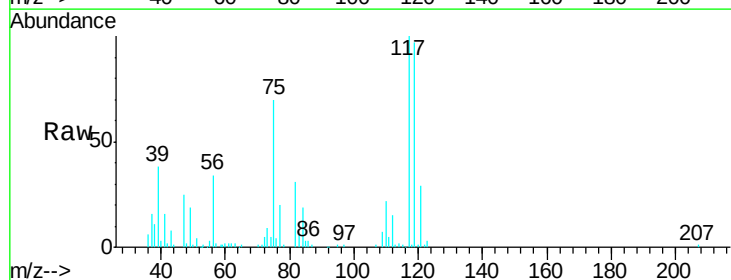
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

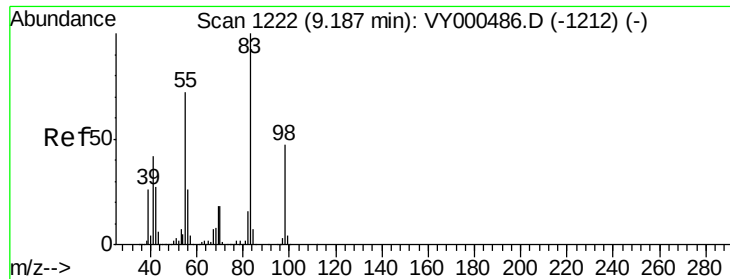
Tgt Ion: 43 Resp: 56719
 Ion Ratio Lower Upper
 43 100
 61 14.6 10.2 15.2
 70 9.8 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 20.842 ug/l
 RT: 7.91 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 117 Resp: 81486
 Ion Ratio Lower Upper
 117 100
 119 97.4 78.0 117.0
 121 28.6 26.6 40.0

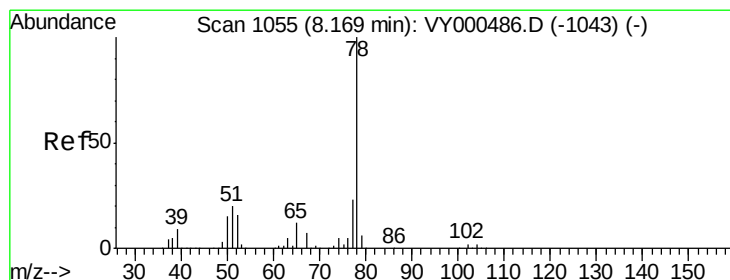
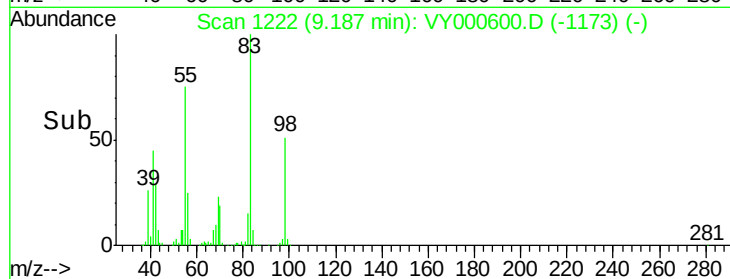
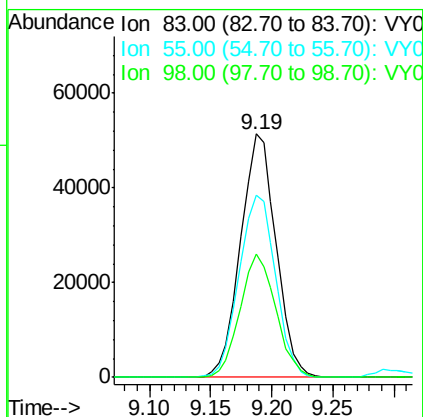
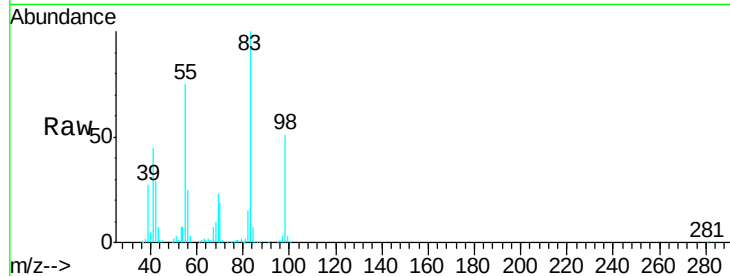




#39
Methylcyclohexane
Concen: 19.749 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

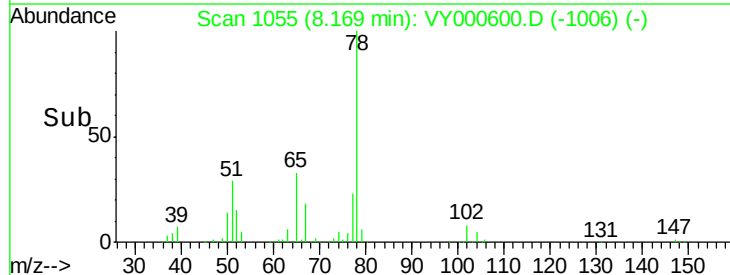
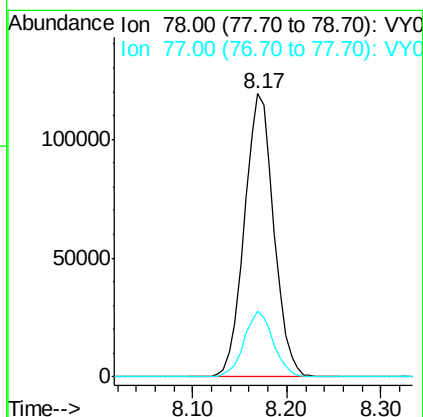
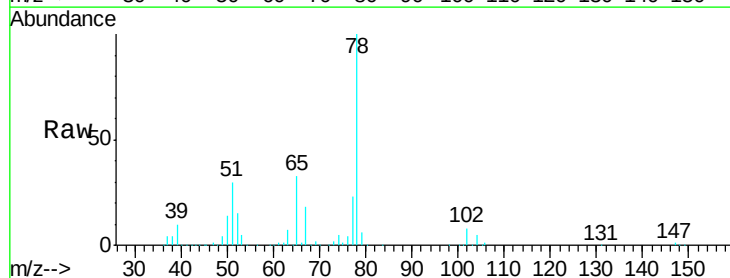
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

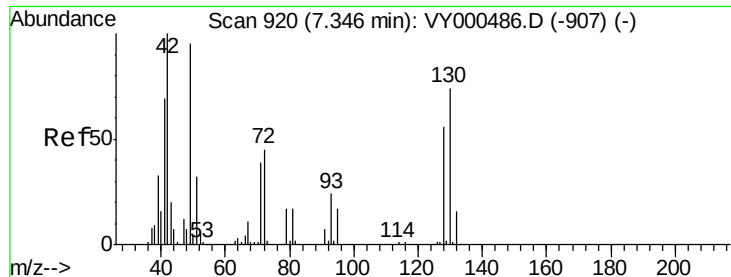
Tgt Ion: 83 Resp: 103668
Ion Ratio Lower Upper
83 100
55 75.0 57.5 86.3
98 50.8 38.0 57.0



#40
Benzene
Concen: 21.875 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 78 Resp: 260573
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0





#41

Methacrylonitrile

Concen: 56.014 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

Tgt Ion: 41 Resp: 75379

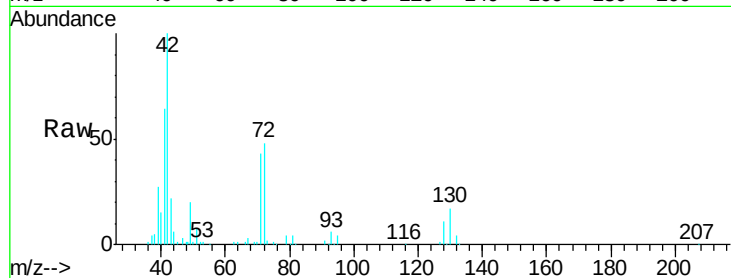
Ion Ratio Lower Upper

41 100

39 48.4 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

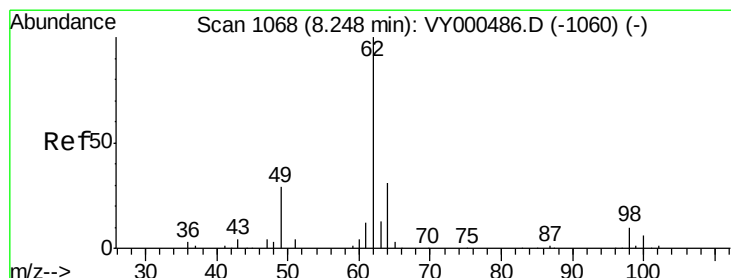
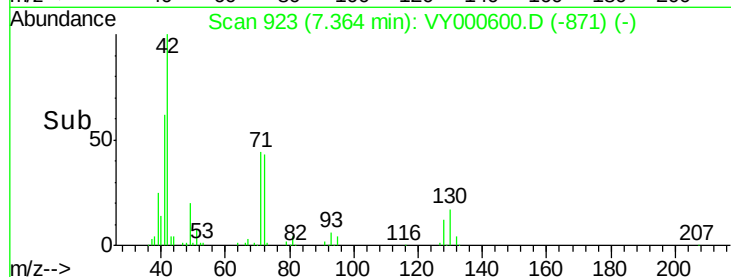
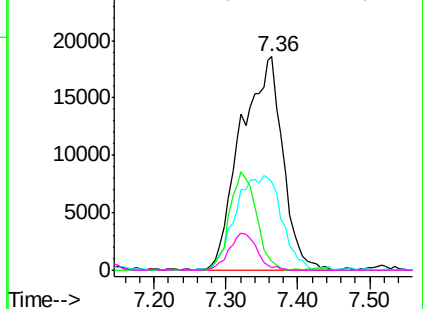


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 23.112 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000600.D

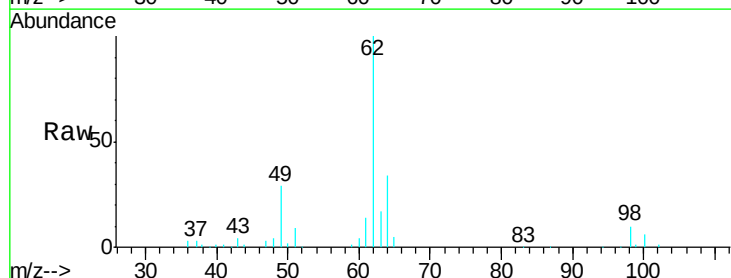
Acq: 07 Nov 2019 23:30

Tgt Ion: 62 Resp: 78085

Ion Ratio Lower Upper

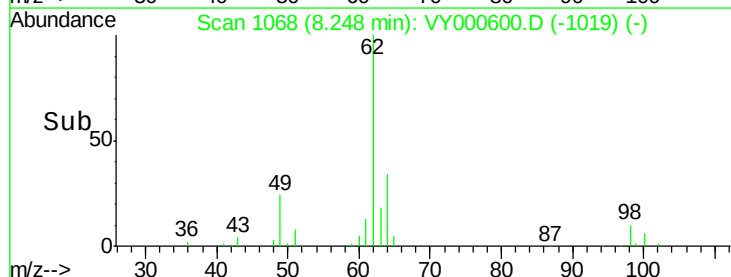
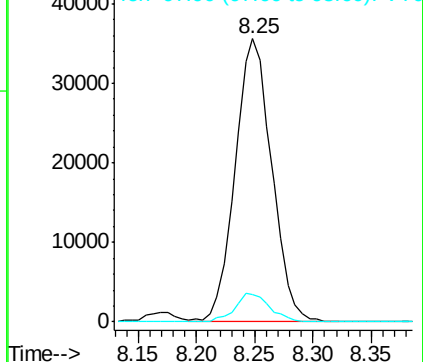
62 100

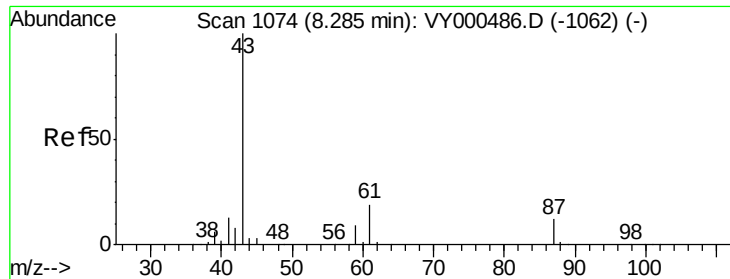
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 22.976 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

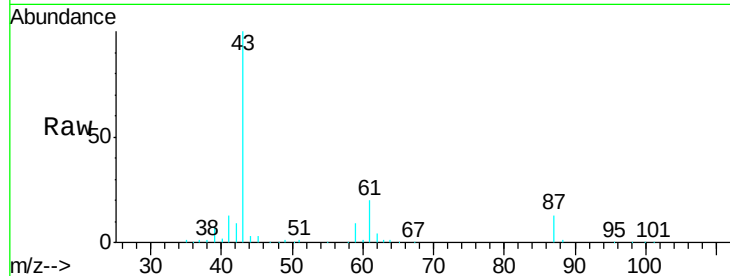
Tgt Ion: 43 Resp: 104117

Ion Ratio Lower Upper

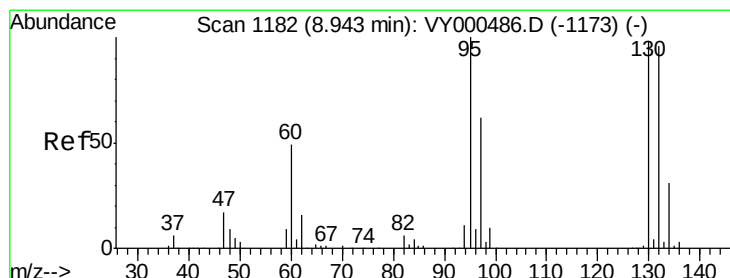
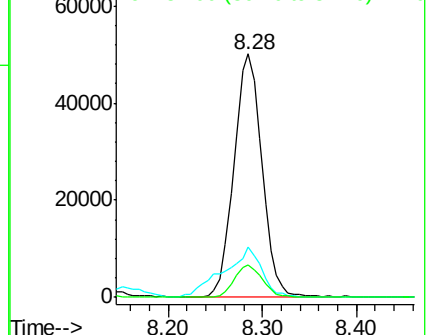
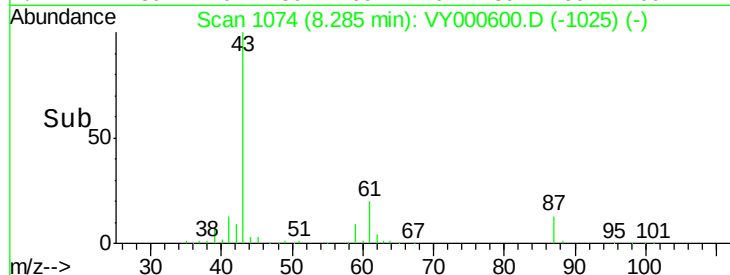
43 100

61 27.9 23.0 34.4

87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000600.D (-1025) (-)



#44

Trichloroethene

Concen: 21.515 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000600.D

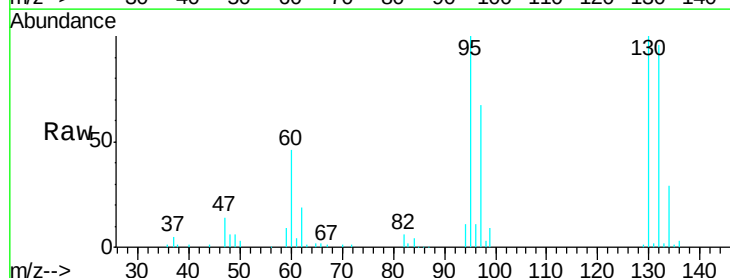
Acq: 07 Nov 2019 23:30

Tgt Ion: 130 Resp: 67575

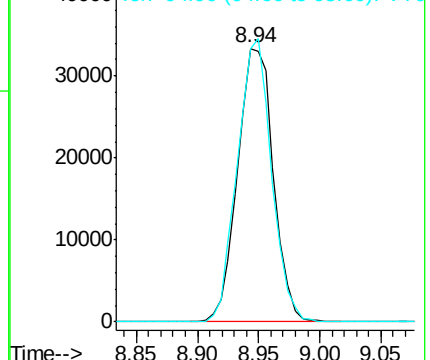
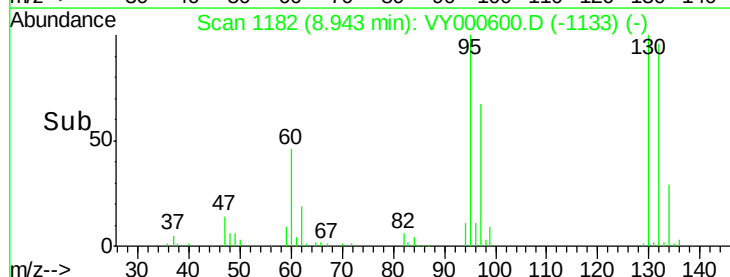
Ion Ratio Lower Upper

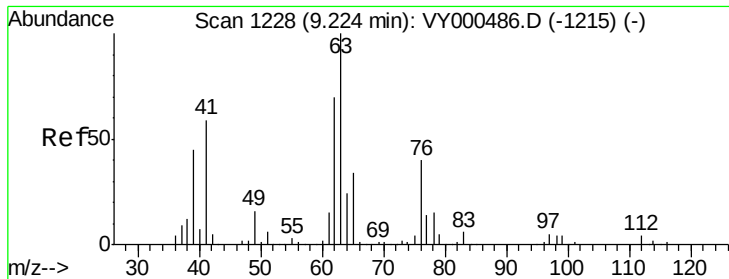
130 100

95 100.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000600.D (-1133) (-)

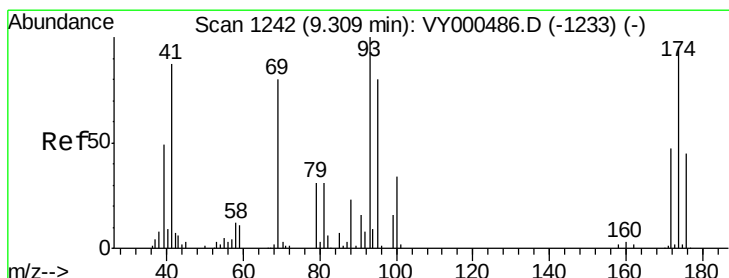
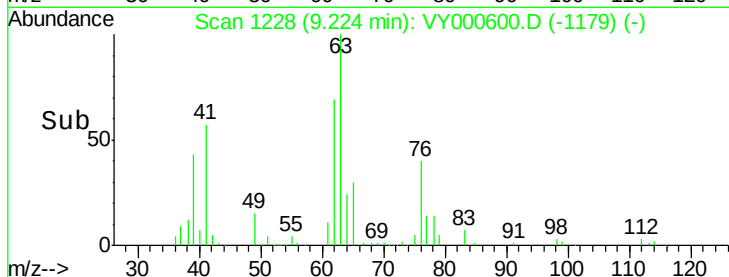
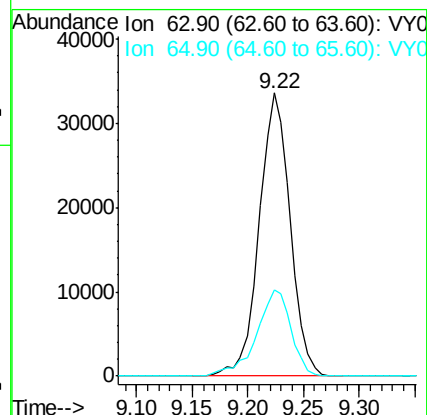
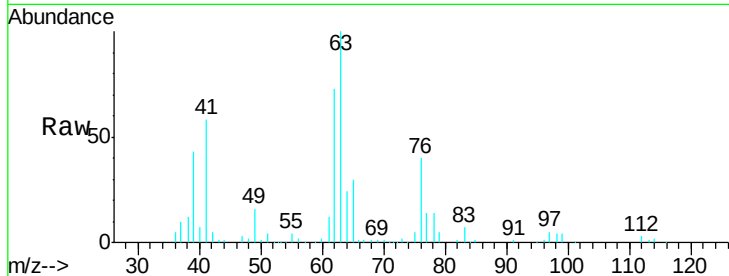




#45
 1,2-Dichloropropane
 Concen: 22.186 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

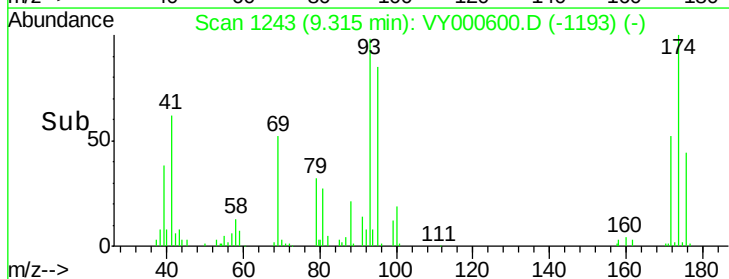
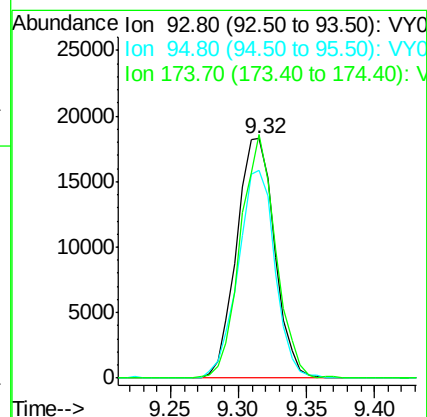
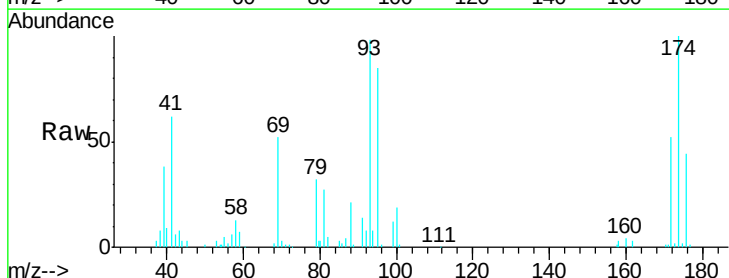
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

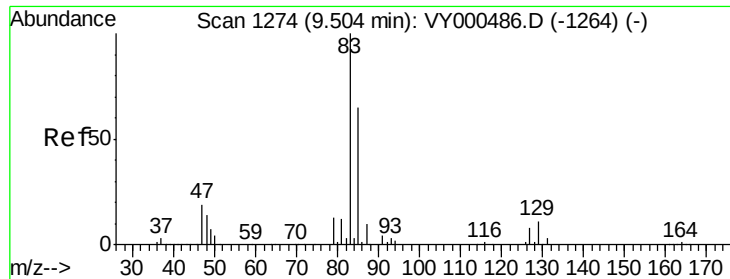
Tgt Ion: 63 Resp: 65045
 Ion Ratio Lower Upper
 63 100
 65 30.4 27.0 40.4



#46
 Dibromomethane
 Concen: 22.190 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 93 Resp: 35779
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 94.1 77.1 115.7





#47

Bromodichloromethane

Concen: 22.144 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

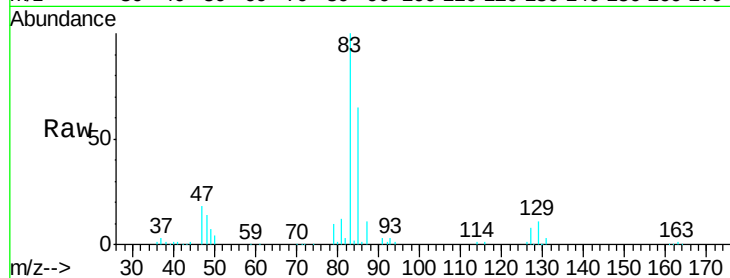
Tgt Ion: 83 Resp: 84721

Ion Ratio Lower Upper

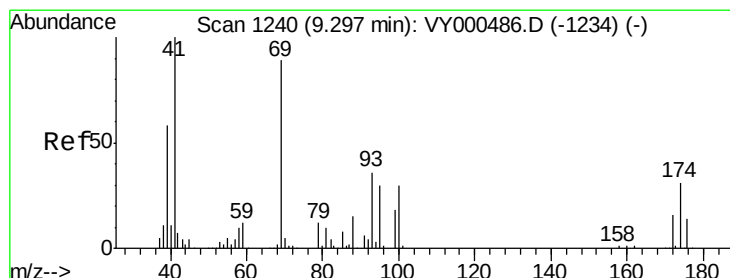
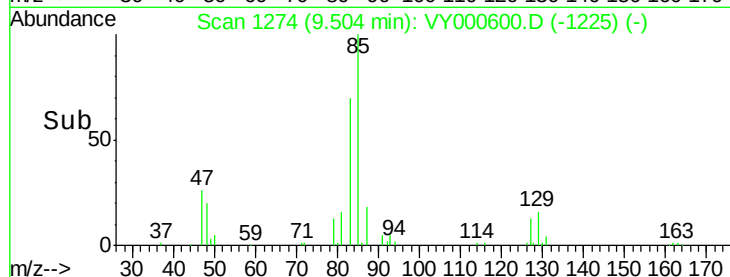
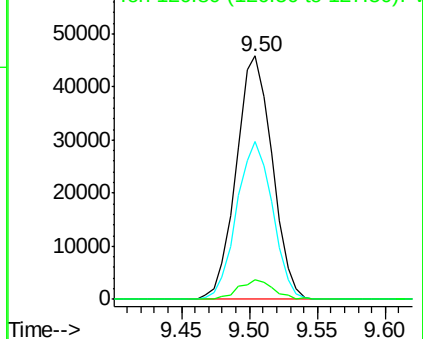
83 100

85 64.8 51.8 77.8

127 8.3 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): V



#48

Methyl methacrylate

Concen: 23.556 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

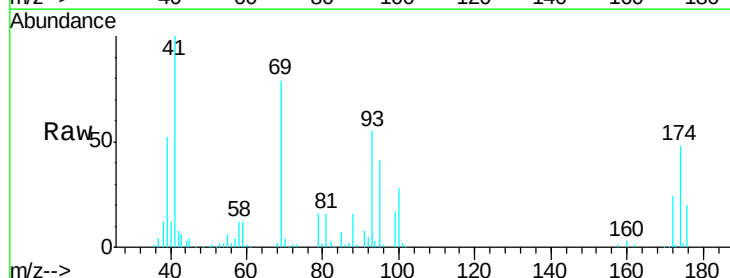
Tgt Ion: 41 Resp: 46638

Ion Ratio Lower Upper

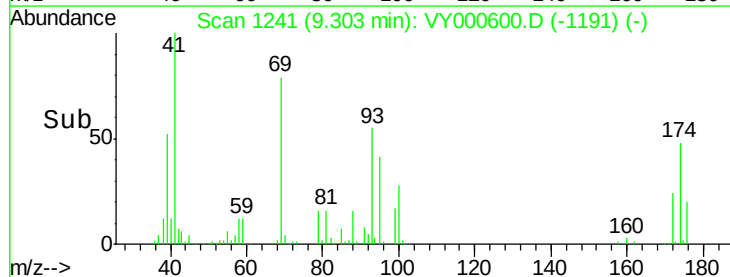
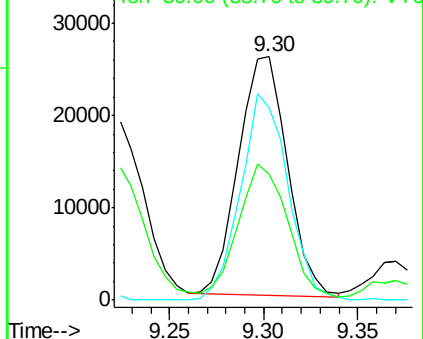
41 100

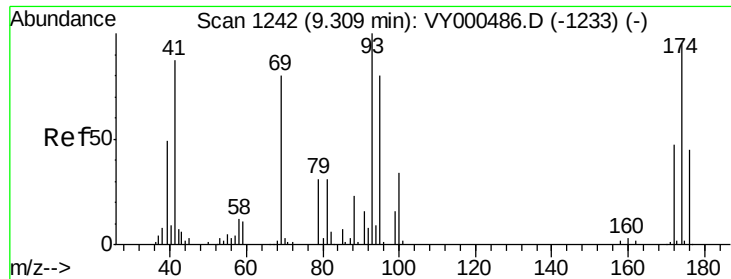
69 83.5 72.5 108.7

39 58.5 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

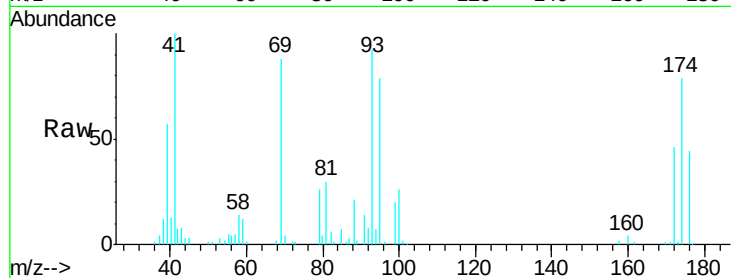




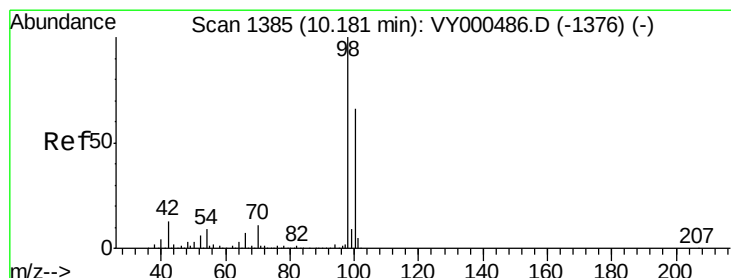
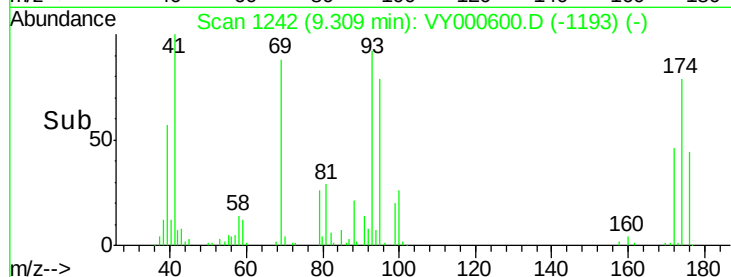
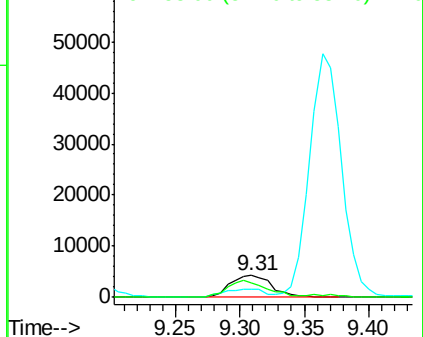
#49
 1,4-Dioxane
 Concen: 454.652 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion: 88 Resp: 9866
 Ion Ratio Lower Upper
 88 100
 43 35.0 25.1 37.7
 58 70.9 50.6 75.8

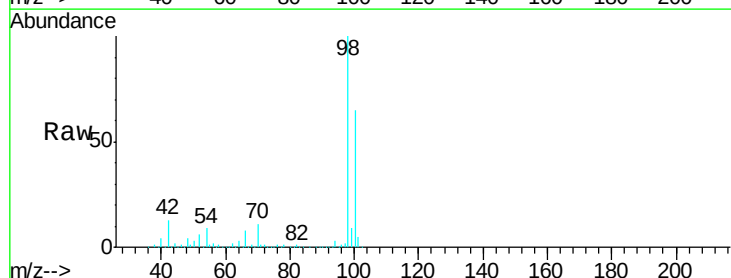


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

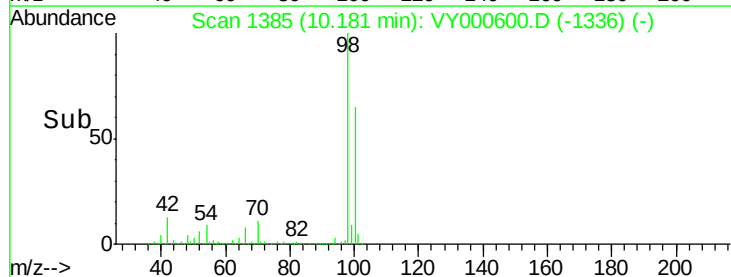
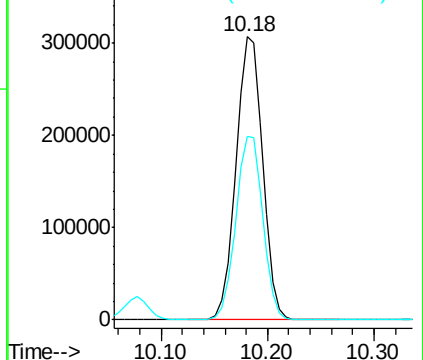


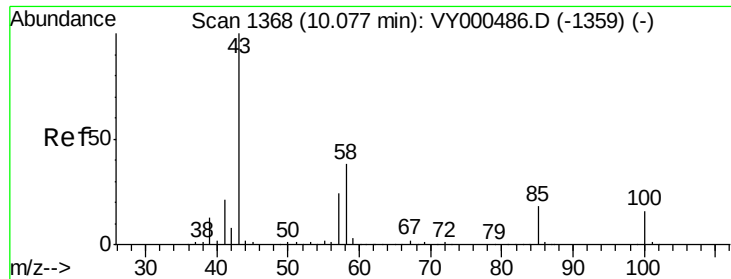
#50
 Toluene-d8
 Concen: 56.365 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 98 Resp: 539654
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0

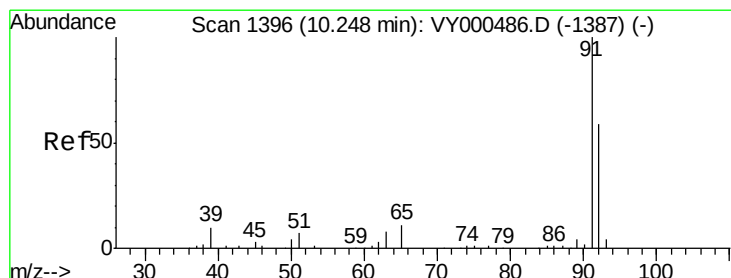
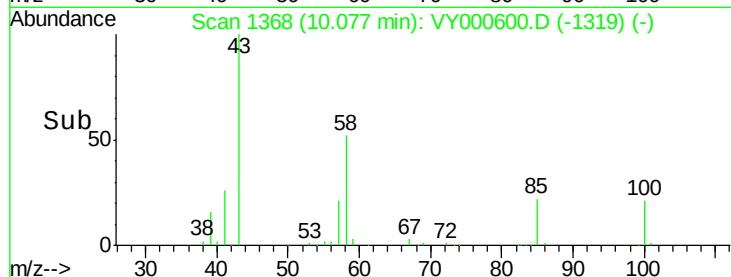
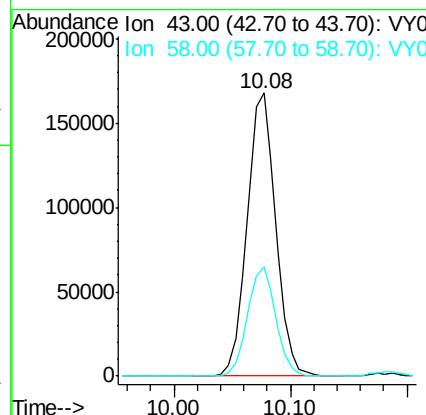
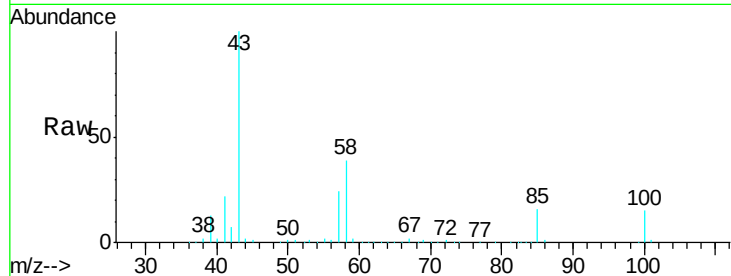




#51
4-Methyl-2-Pentanone
Concen: 119.802 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

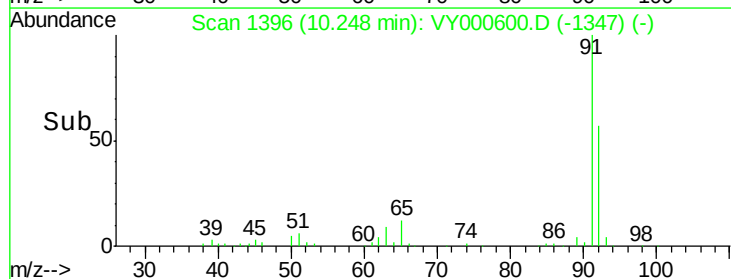
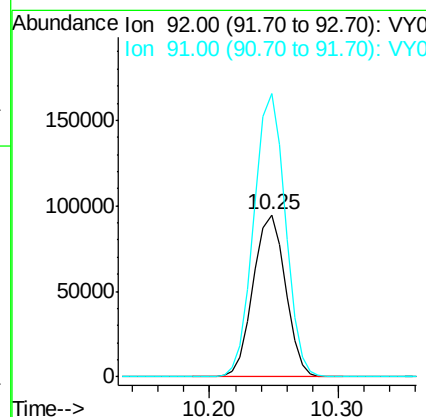
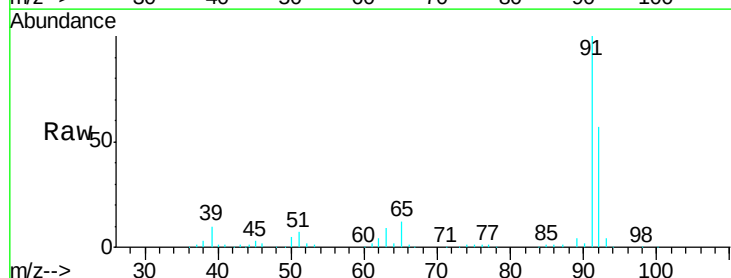
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

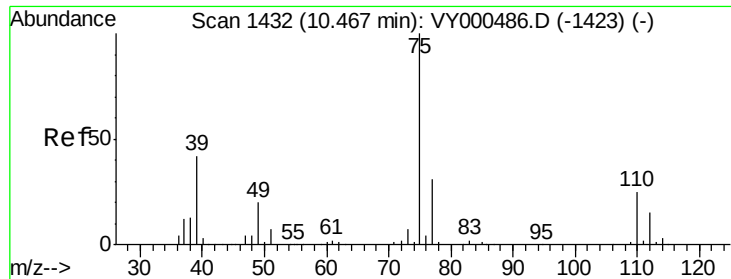
Tgt Ion: 43 Resp: 288636
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.4



#52
Toluene
Concen: 21.845 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 92 Resp: 164522
Ion Ratio Lower Upper
92 100
91 169.8 136.3 204.5

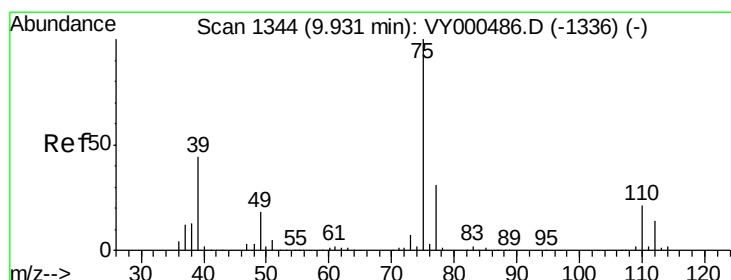
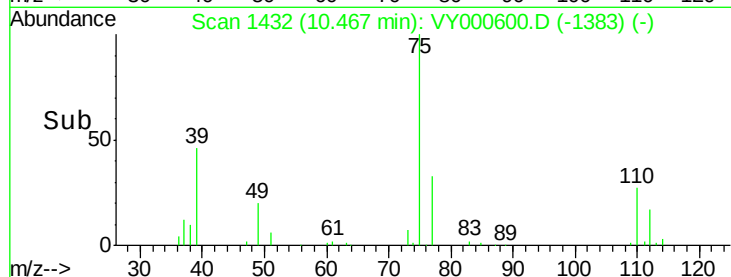
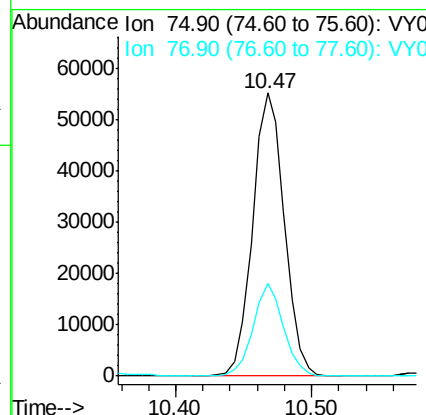
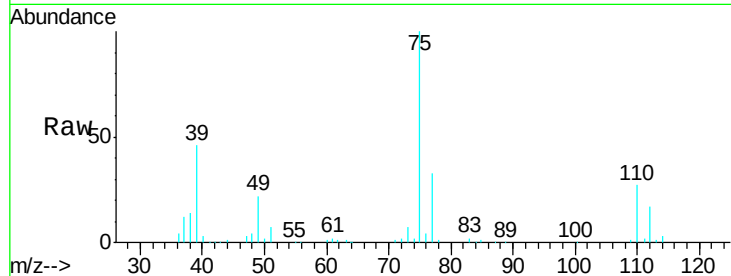




#53
 t-1,3-Dichloropropene
 Concen: 22.012 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

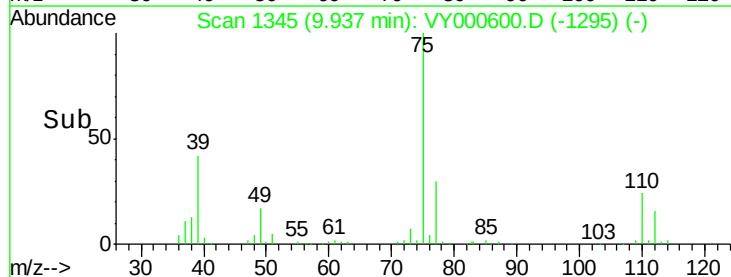
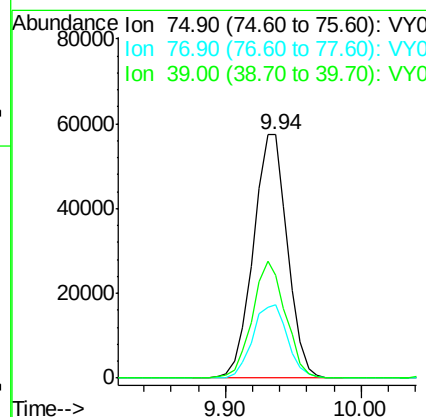
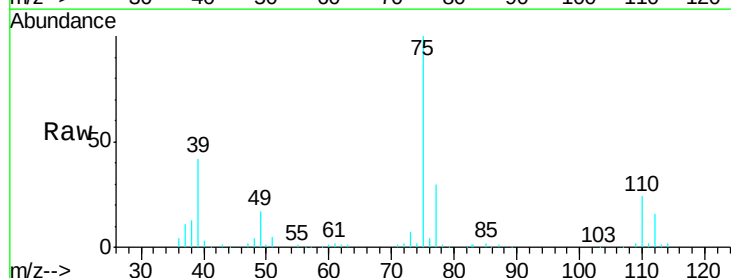
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

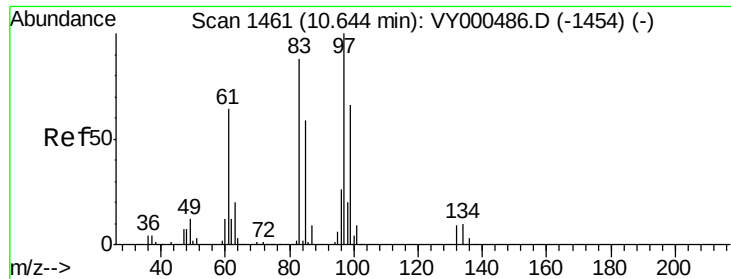
Tgt Ion: 75 Resp: 89982
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.596 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 75 Resp: 101136
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.5 36.7
 39 42.0 35.4 53.2

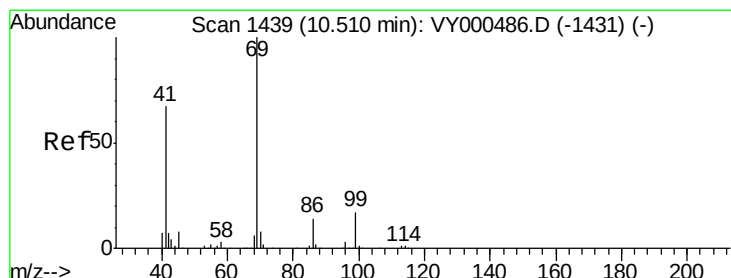
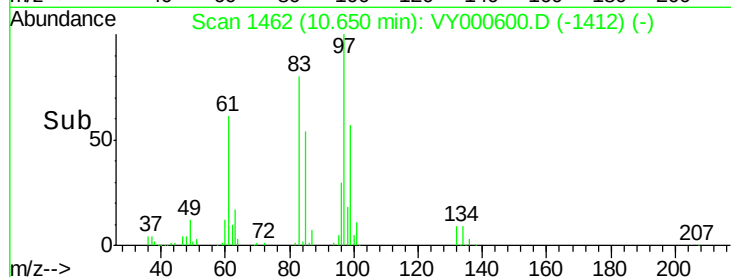
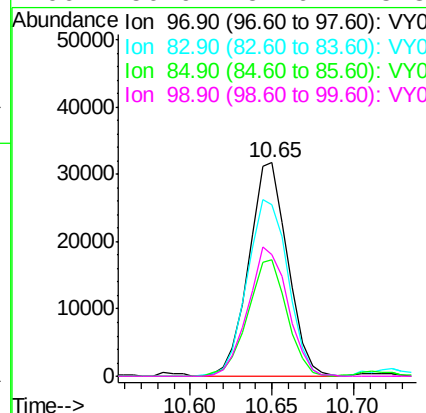
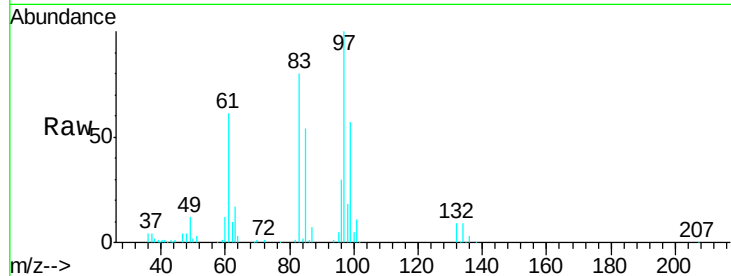




#55
 1,1,2-Trichloroethane
 Concen: 22.570 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

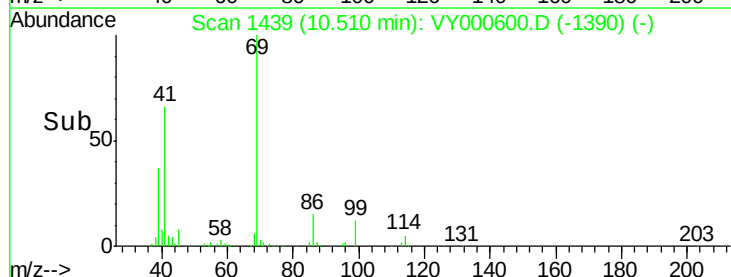
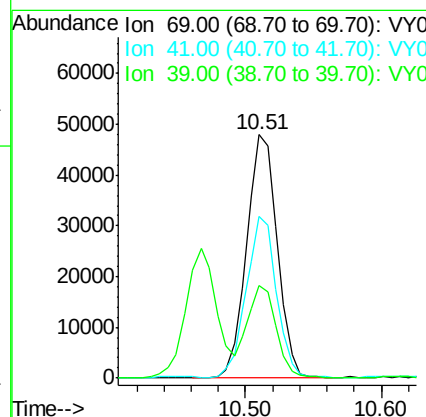
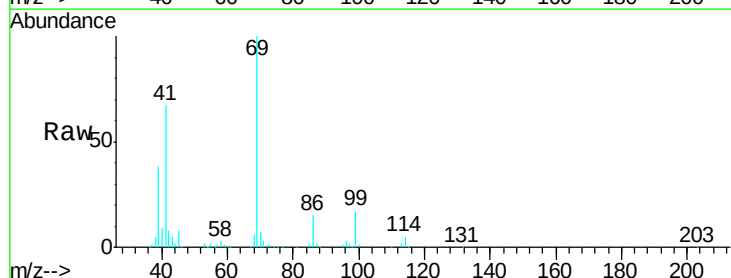
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

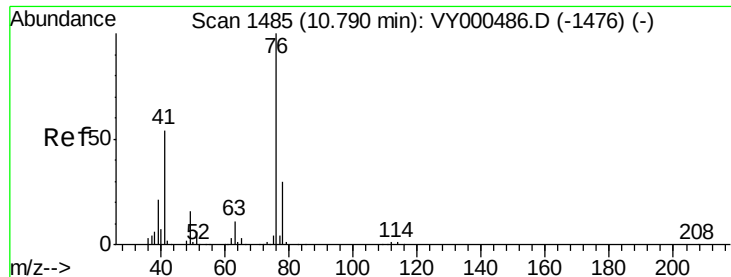
Tgt Ion: 97 Resp: 52636
 Ion Ratio Lower Upper
 97 100
 83 80.4 70.2 105.4
 85 54.3 46.9 70.3
 99 56.9 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 22.863 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 69 Resp: 75571
 Ion Ratio Lower Upper
 69 100
 41 65.1 53.3 79.9
 39 35.9 28.0 42.0

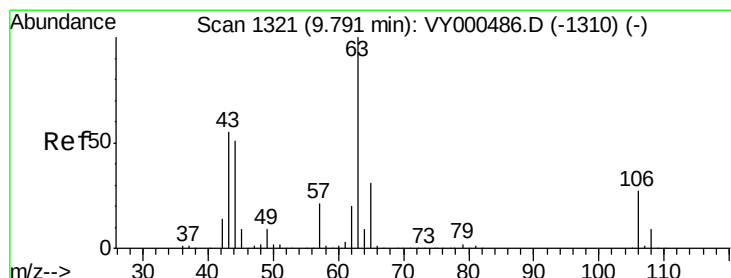
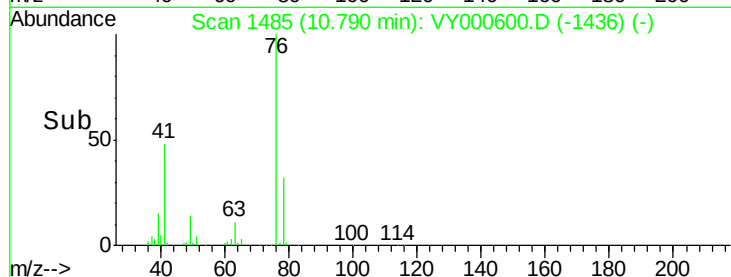
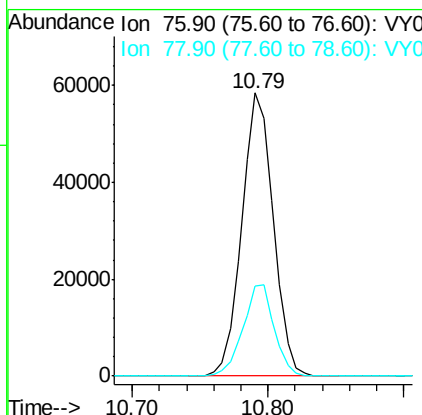
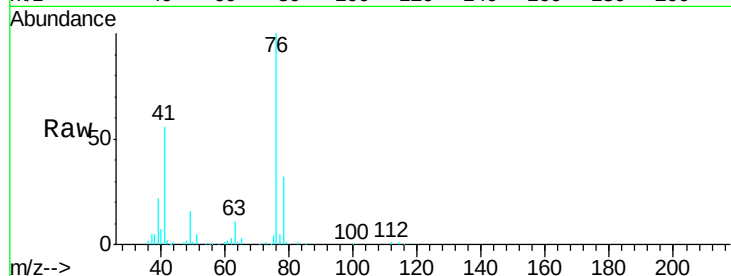




#57
 1,3-Dichloropropane
 Concen: 23.155 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

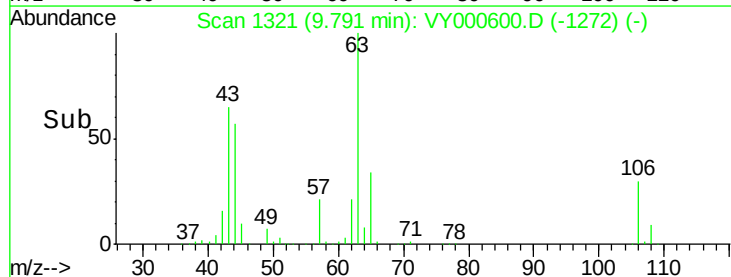
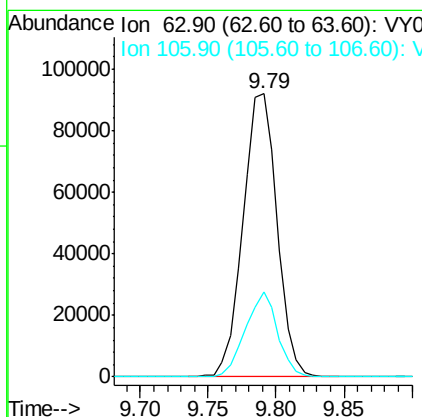
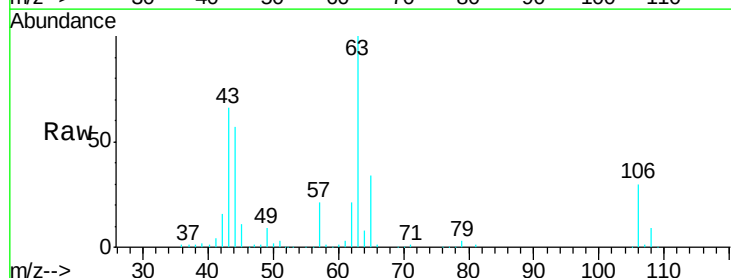
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

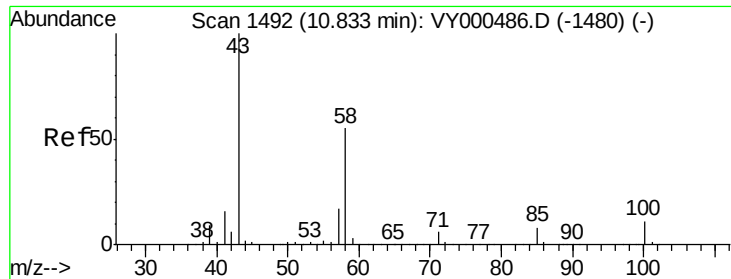
Tgt Ion: 76 Resp: 94513
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.939 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 63 Resp: 161296
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 33.8

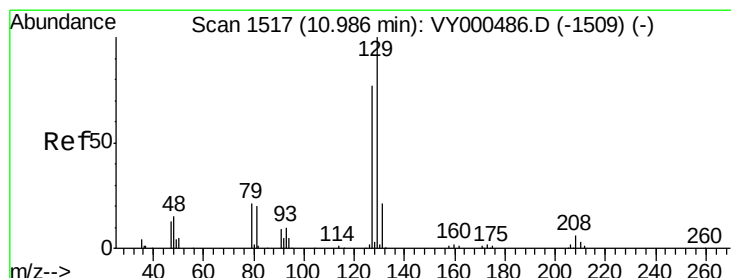
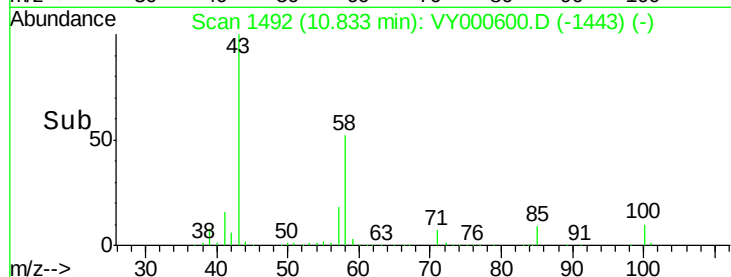
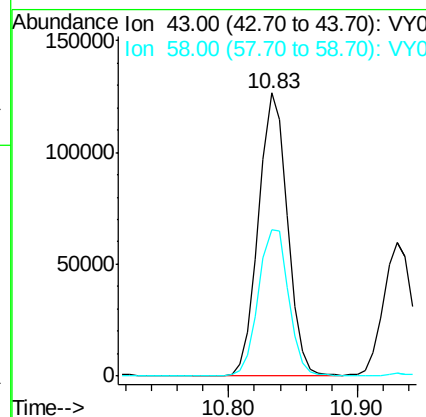
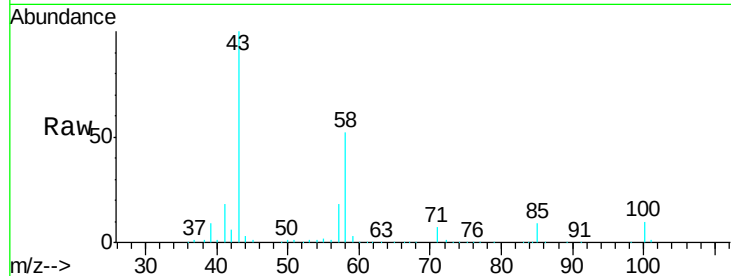




#59
2-Hexanone
Concen: 111.670 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

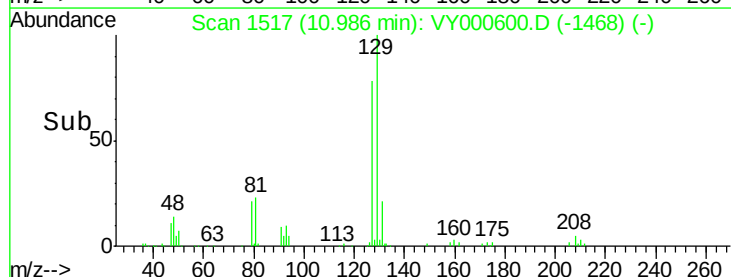
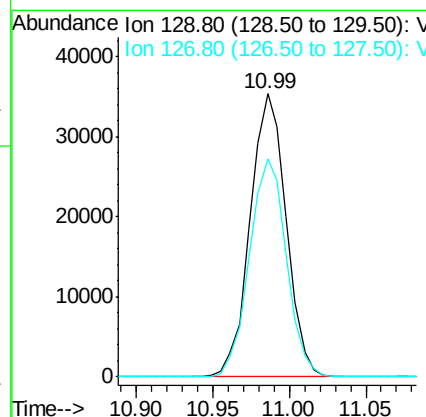
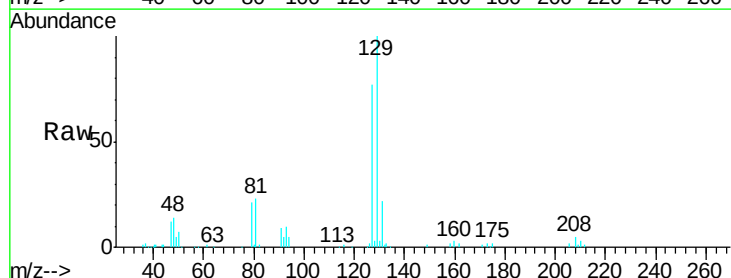
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

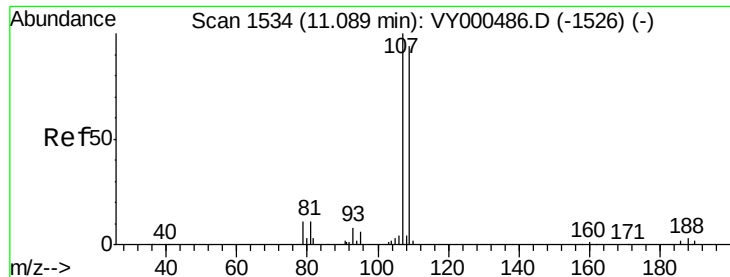
Tgt Ion: 43 Resp: 196024
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 21.648 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 129 Resp: 57826
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.413 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

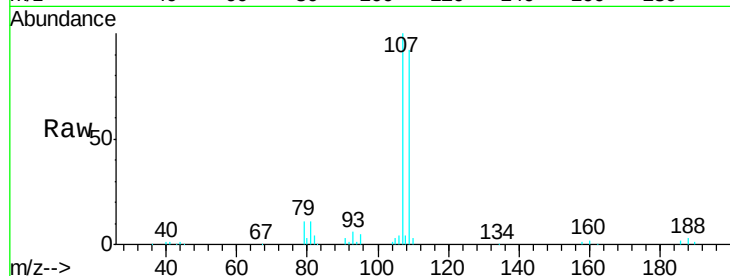
VY1107SBS02

Tgt Ion: 107 Resp: 50256

Ion Ratio Lower Upper

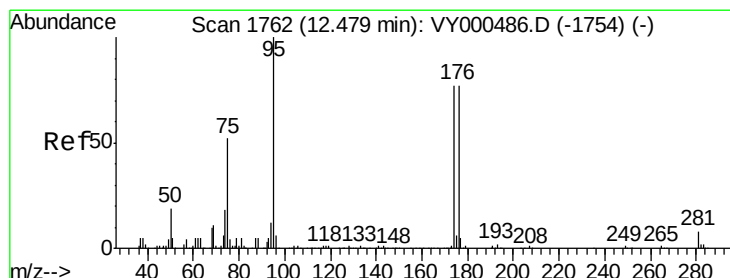
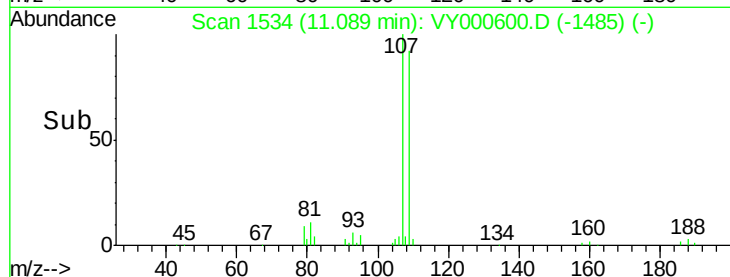
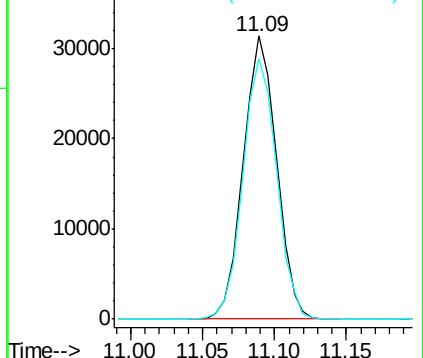
107 100

109 93.0 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.006 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

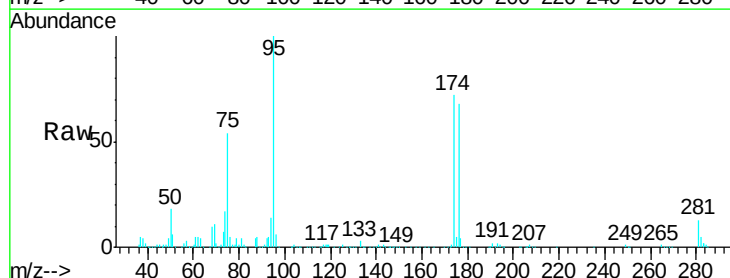
Tgt Ion: 95 Resp: 196845

Ion Ratio Lower Upper

95 100

174 74.7 0.0 161.6

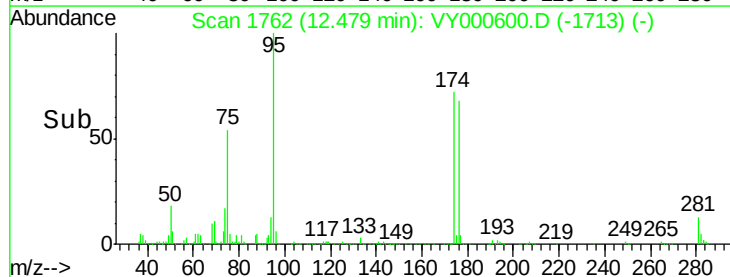
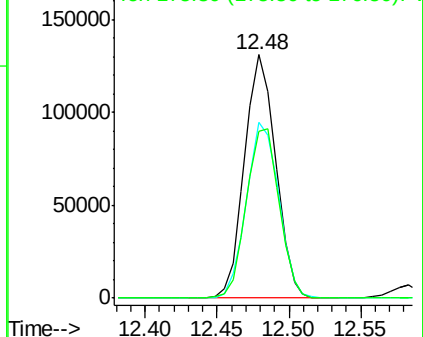
176 72.8 0.0 157.8

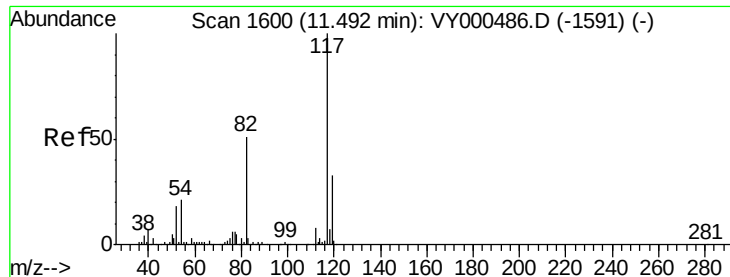


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

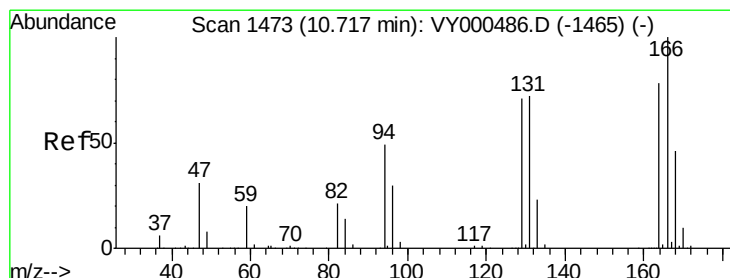
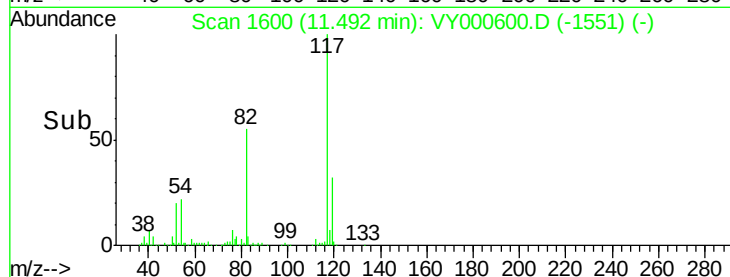
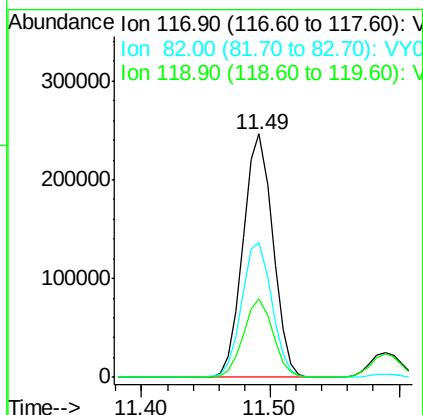
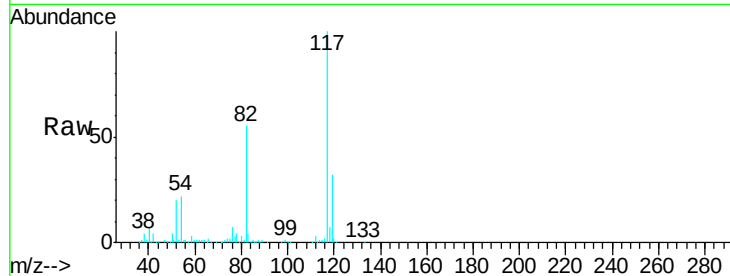




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

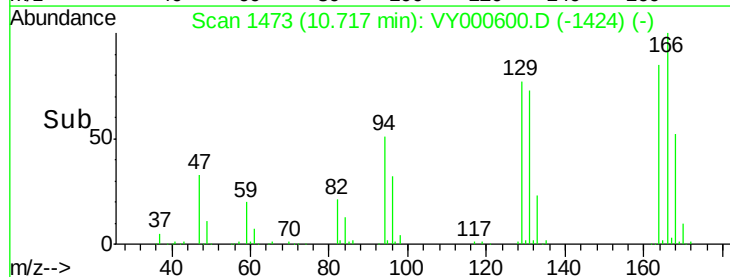
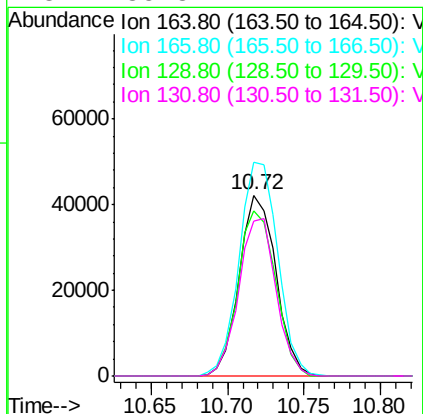
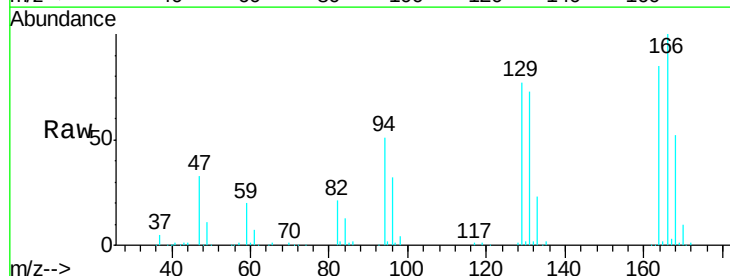
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

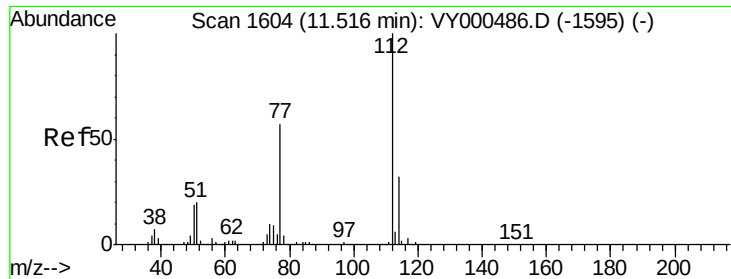
Tgt Ion:117 Resp: 393516
Ion Ratio Lower Upper
117 100
82 55.2 40.8 61.2
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 21.593 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:164 Resp: 70263
Ion Ratio Lower Upper
164 100
166 118.2 102.7 154.1
129 91.2 73.2 109.8
131 85.8 74.2 111.2

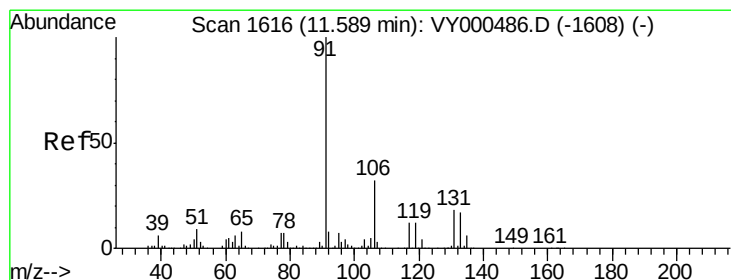
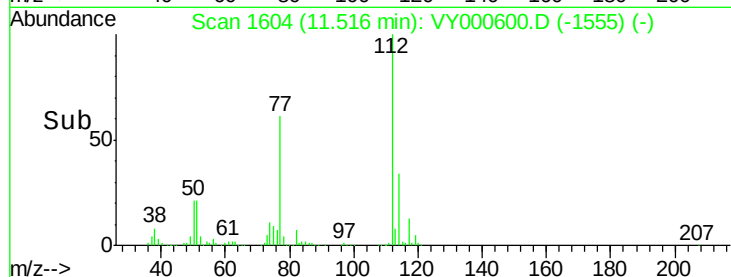
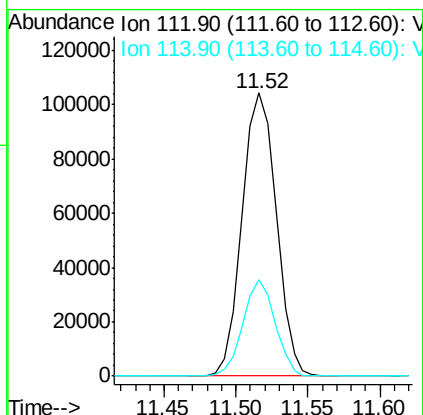
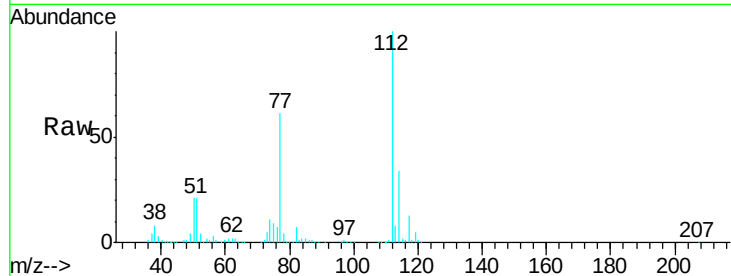




#65
Chlorobenzene
Concen: 21.557 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

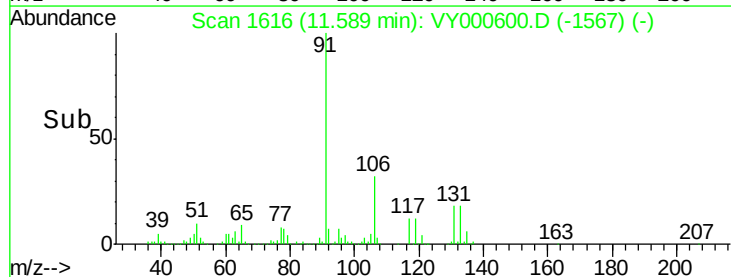
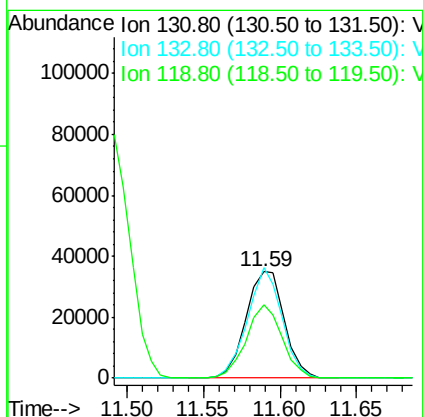
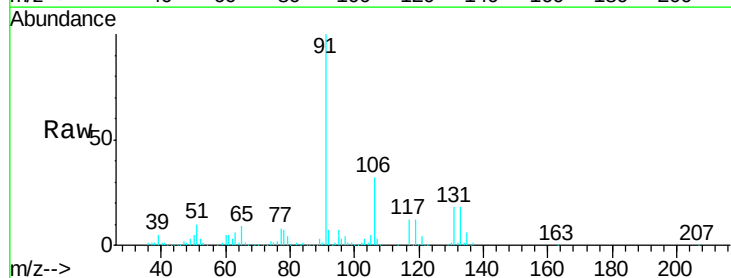
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

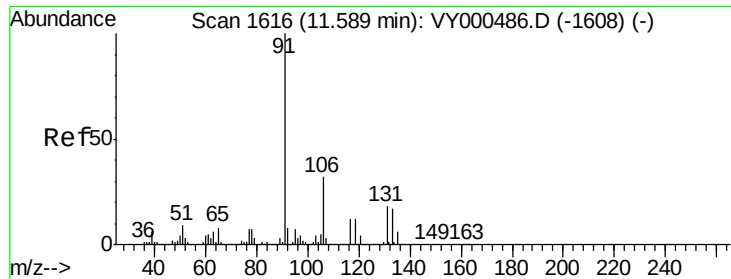
Tgt Ion:112 Resp: 171995
Ion Ratio Lower Upper
112 100
114 34.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.008 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:131 Resp: 60898
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.8
119 64.4 33.1 99.3

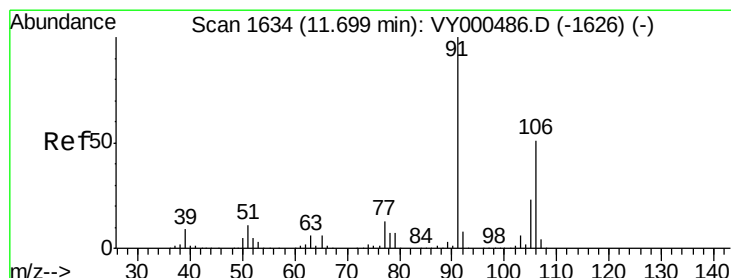
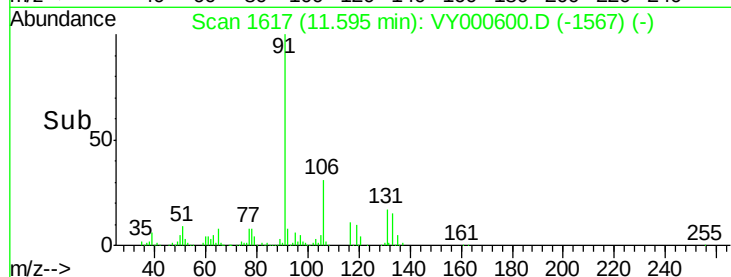
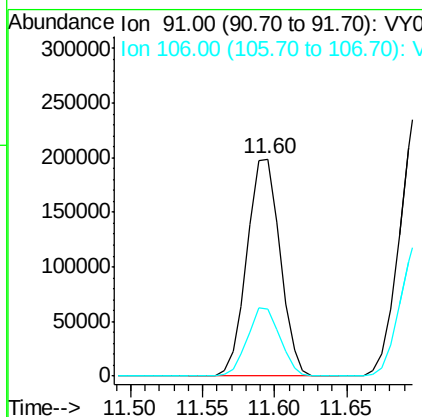
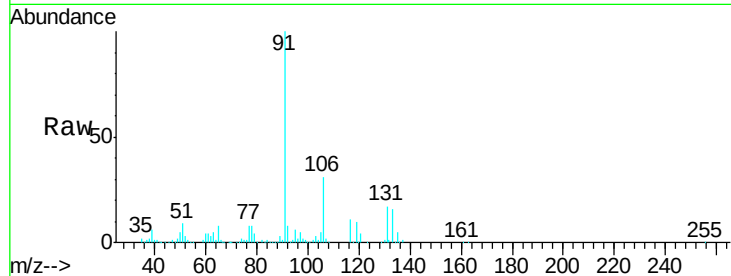




#67
Ethyl Benzene
Concen: 21.555 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

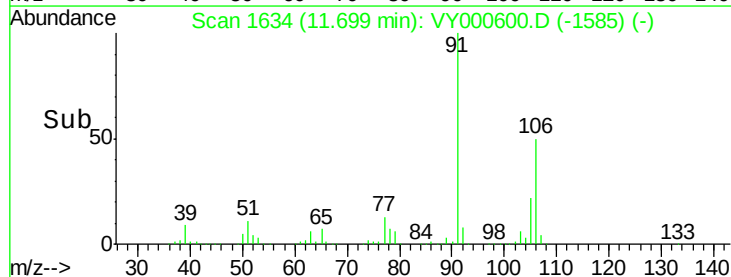
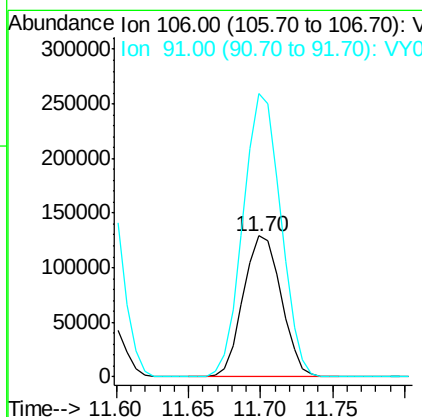
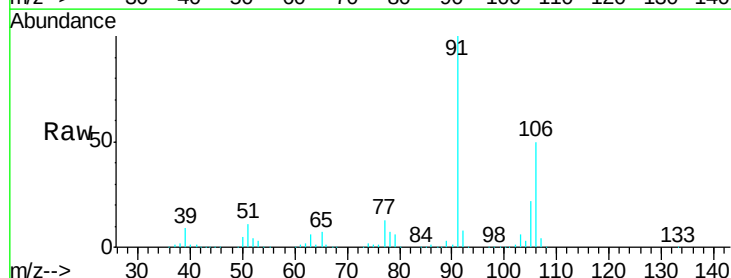
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

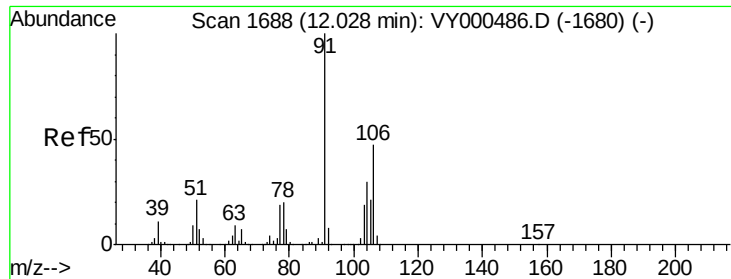
Tgt Ion: 91 Resp: 316514
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.625 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 106 Resp: 236564
Ion Ratio Lower Upper
106 100
91 199.2 155.9 233.9

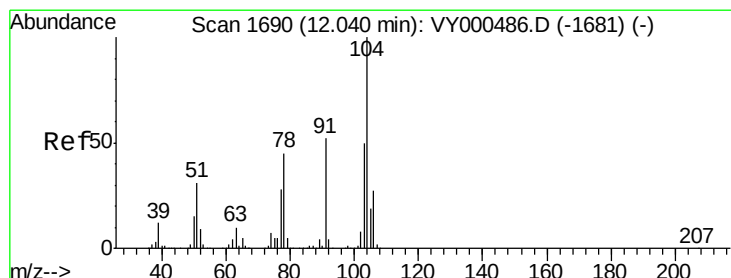
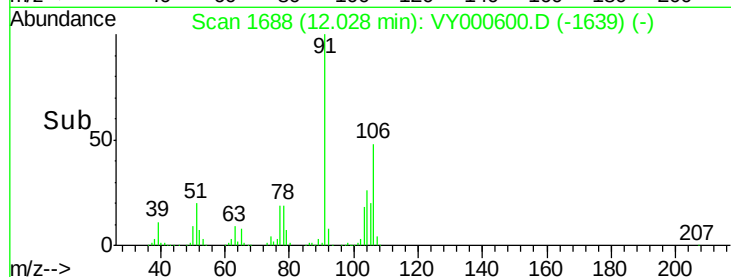
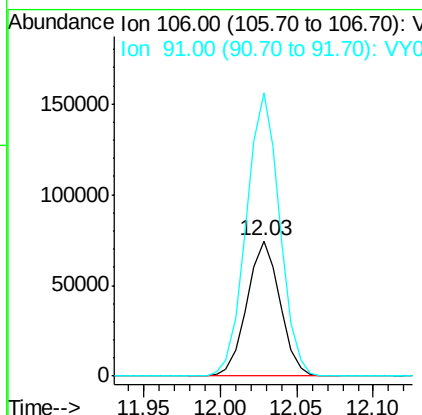
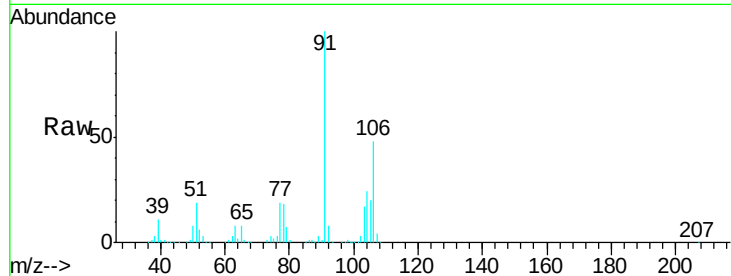




#69
o-Xylene
Concen: 21.011 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

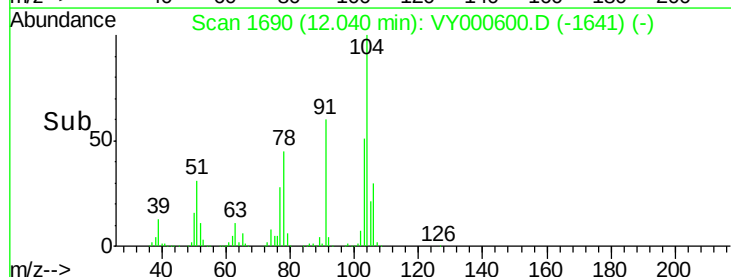
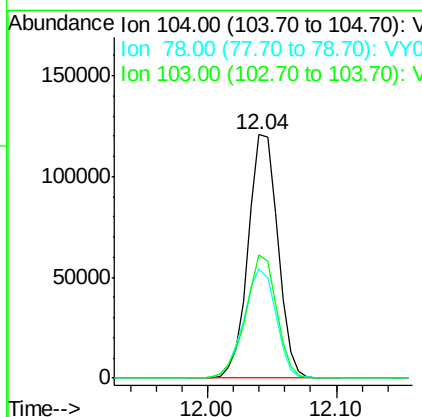
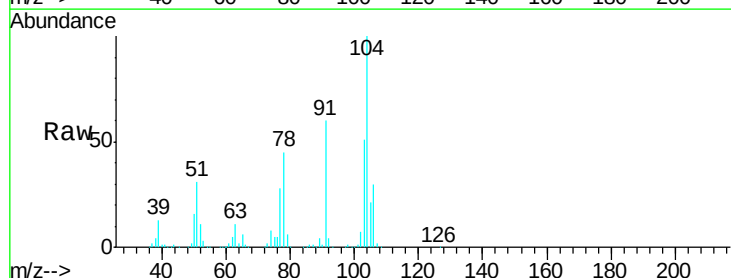
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

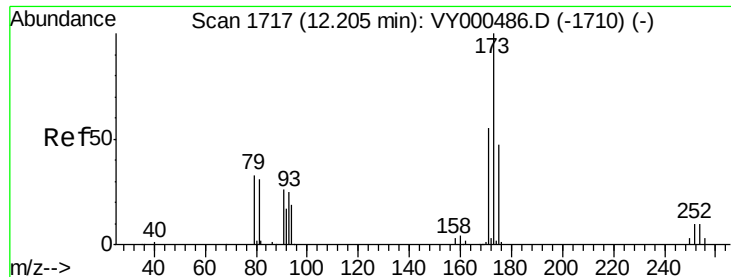
Tgt Ion:106 Resp: 112224
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6



#70
Styrene
Concen: 20.904 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:104 Resp: 191192
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 53.0 42.5 63.7





#71

Bromoform

Concen: 21.363 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

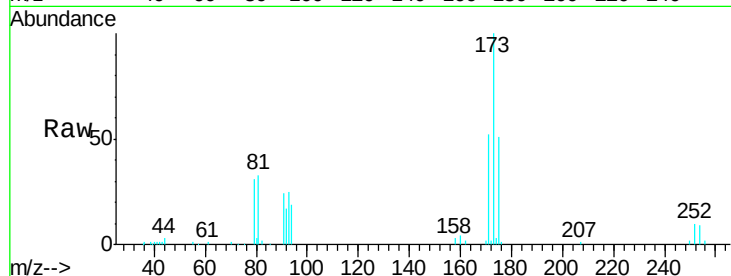
Tgt Ion:173 Resp: 34000

Ion Ratio Lower Upper

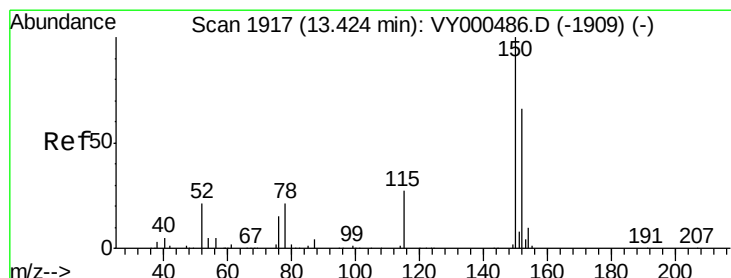
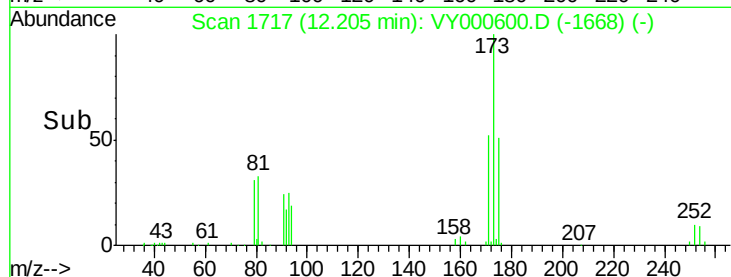
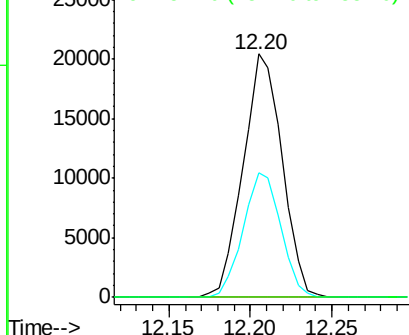
173 100

175 49.5 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: VY000600.D

Acq: 07 Nov 2019 23:30

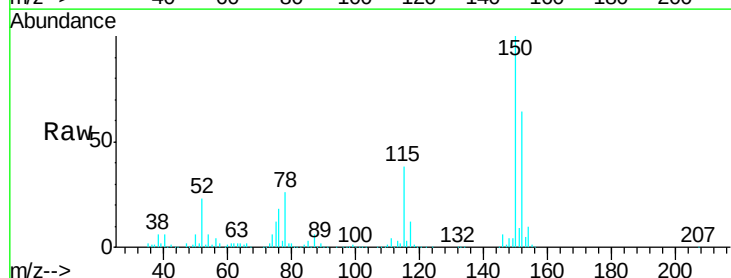
Tgt Ion:152 Resp: 187524

Ion Ratio Lower Upper

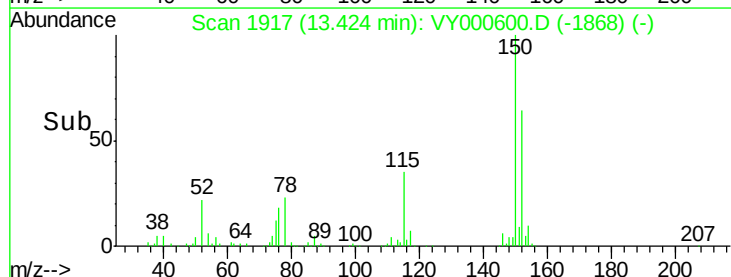
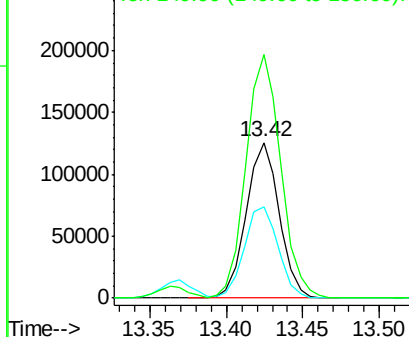
152 100

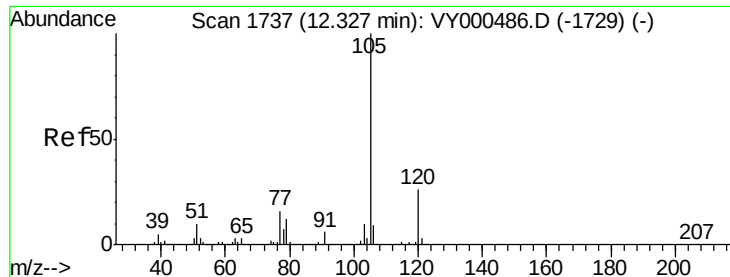
115 60.5 29.1 87.4

150 165.2 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: 21.499 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

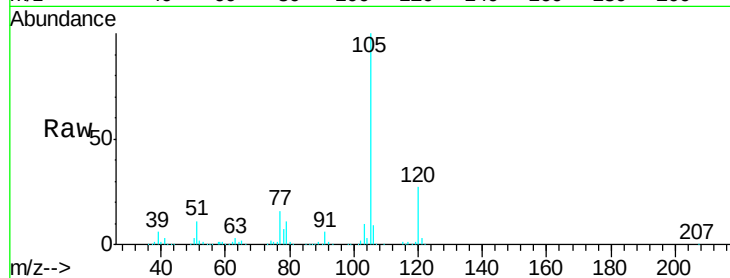
VY1107SBSD02

Tgt Ion: 105 Resp: 297969

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

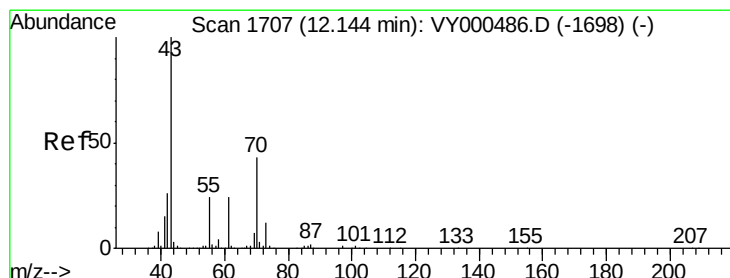
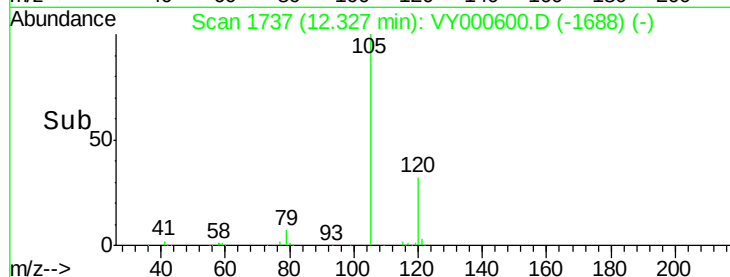
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 23.247 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion: 43 Resp: 92274

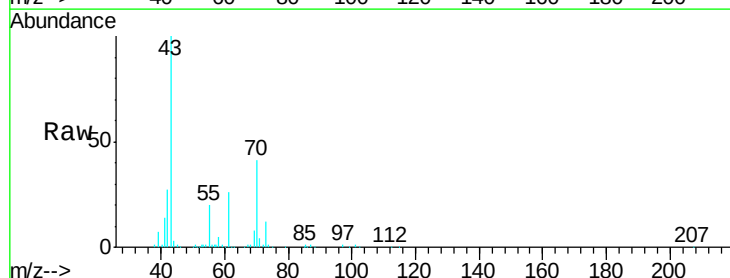
Ion Ratio Lower Upper

43 100

70 41.6 33.1 49.7

55 22.6 18.0 27.0

61 24.8 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

12.14

100000

80000

60000

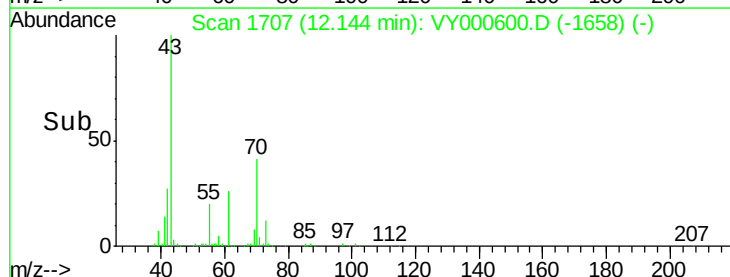
40000

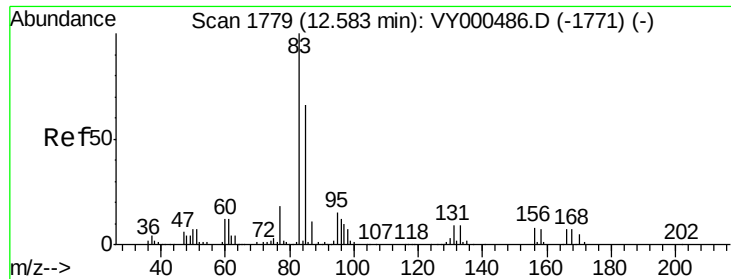
20000

0

Time-->

12.05 12.10 12.15 12.20

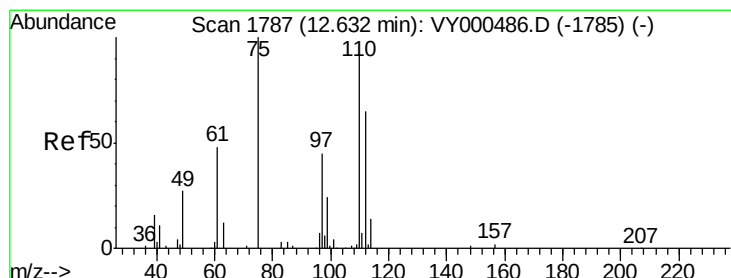
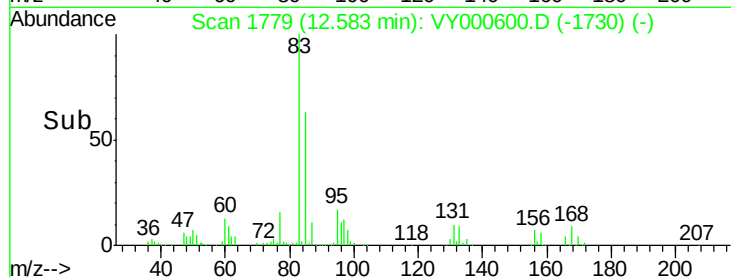
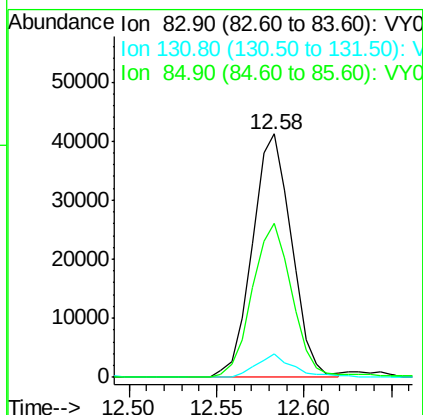
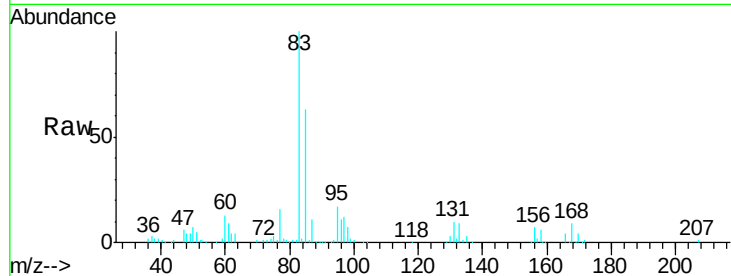




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.357 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

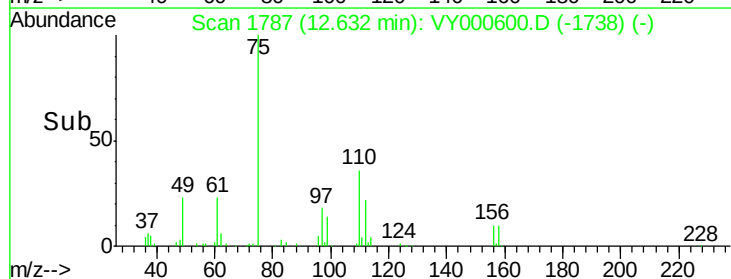
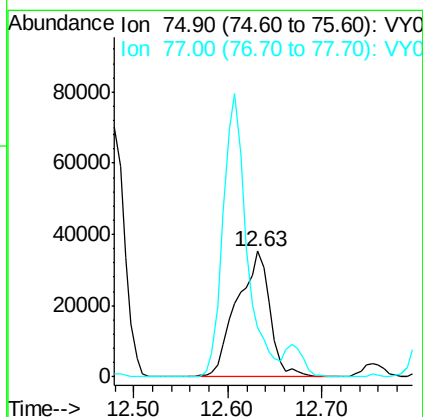
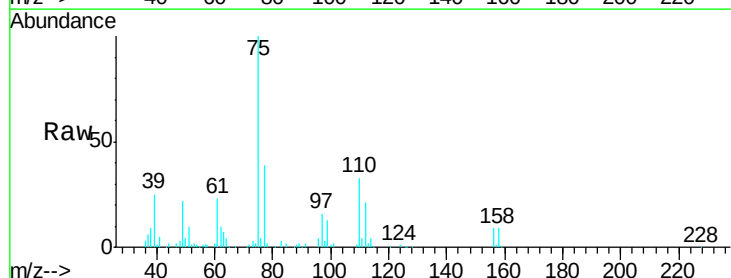
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

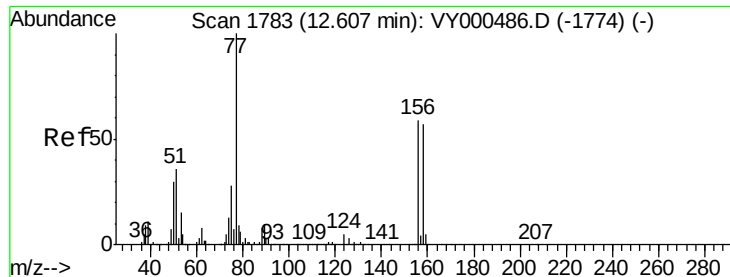
Tgt Ion: 83 Resp: 64096
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.0 14.9
 85 65.2 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 40.881 ug/l
 RT: 12.63 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 75 Resp: 87290
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.674 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

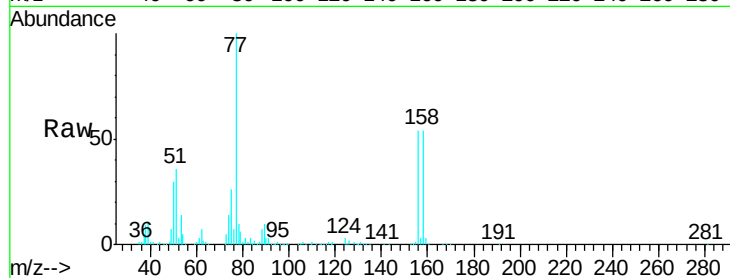
Tgt Ion:156 Resp: 68119

Ion Ratio Lower Upper

156 100

77 206.0 98.2 294.4

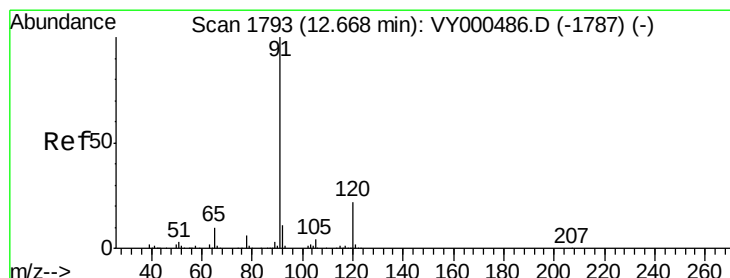
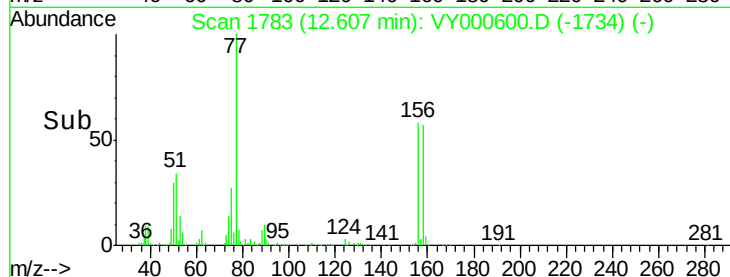
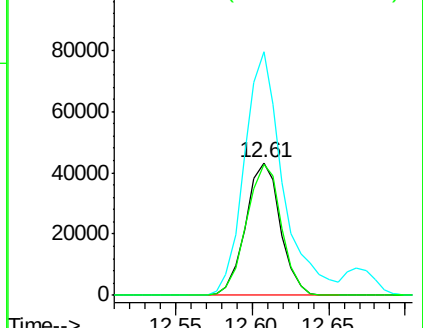
158 99.7 49.6 149.0



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: 21.790 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000600.D

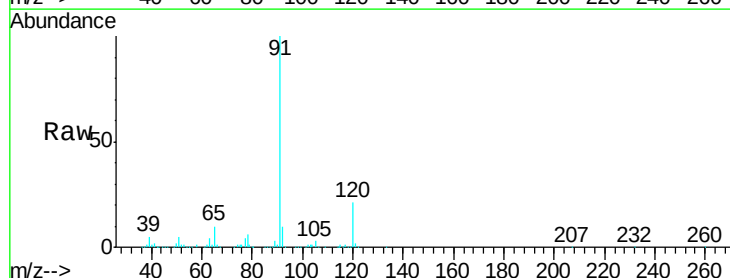
Acq: 07 Nov 2019 23:30

Tgt Ion: 91 Resp: 364381

Ion Ratio Lower Upper

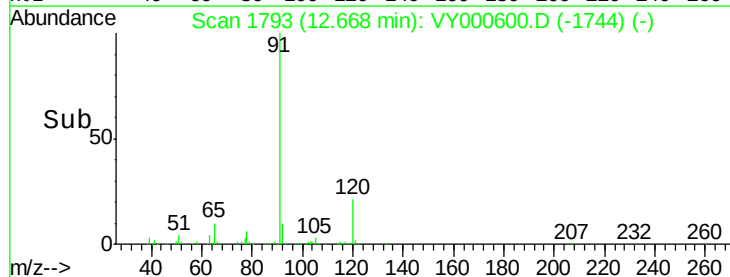
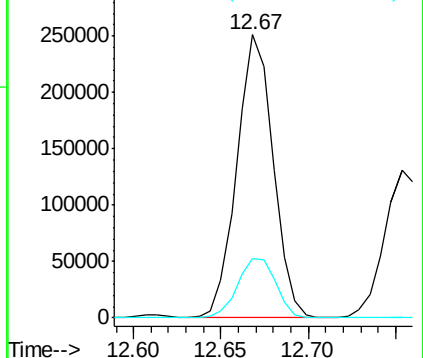
91 100

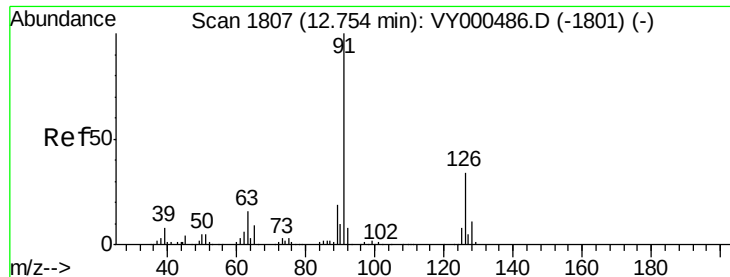
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.022 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

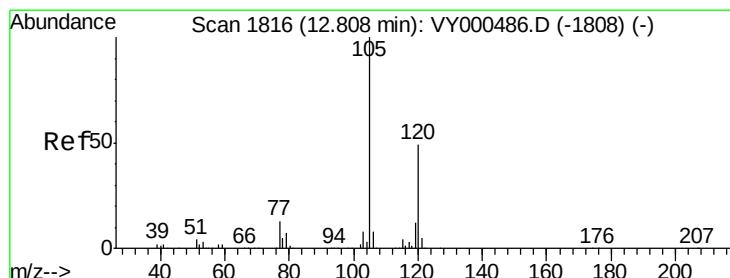
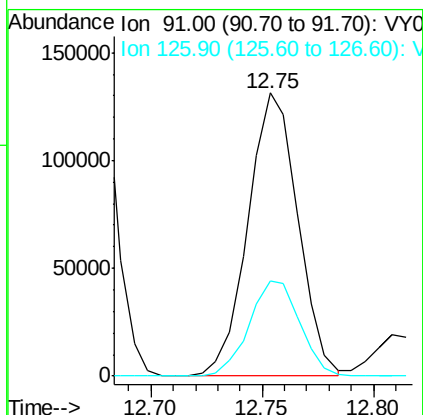
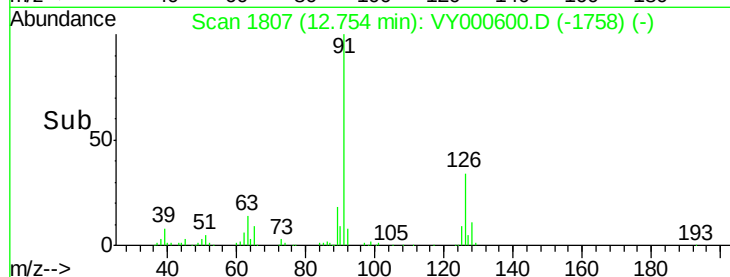
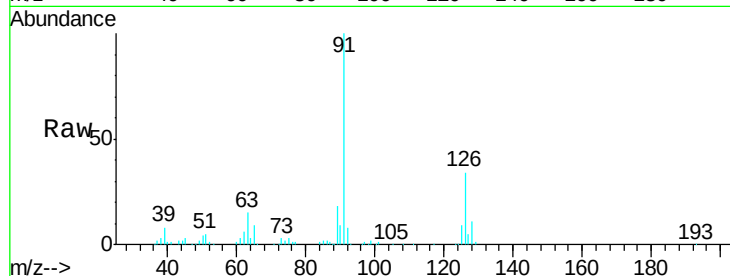
VY1107SBS02

Tgt Ion: 91 Resp: 204442

Ion Ratio Lower Upper

91 100

126 34.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.791 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000600.D

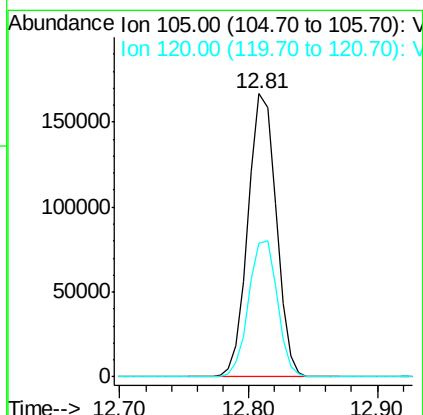
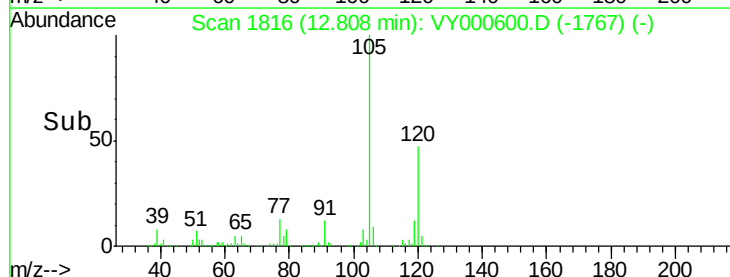
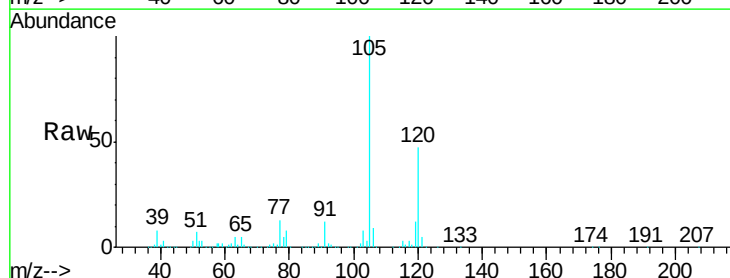
Acq: 07 Nov 2019 23:30

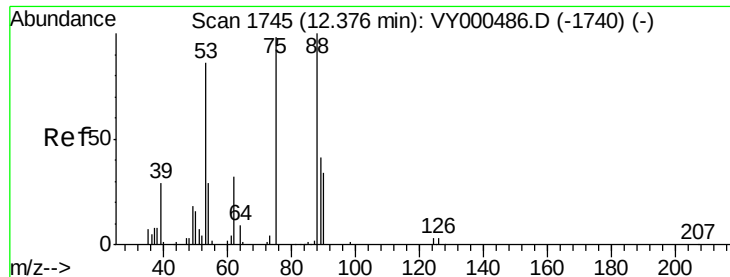
Tgt Ion: 105 Resp: 251532

Ion Ratio Lower Upper

105 100

120 48.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.126 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

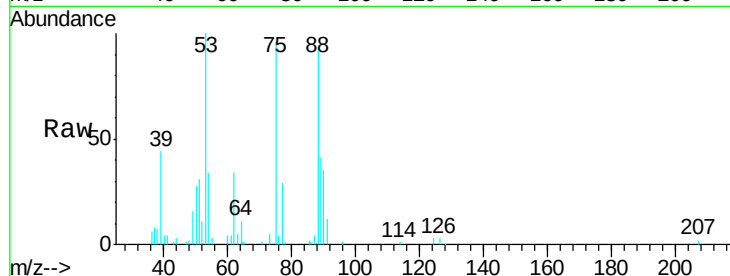
Tgt Ion: 75 Resp: 20119

Ion Ratio Lower Upper

75 100

53 92.4 73.2 109.8

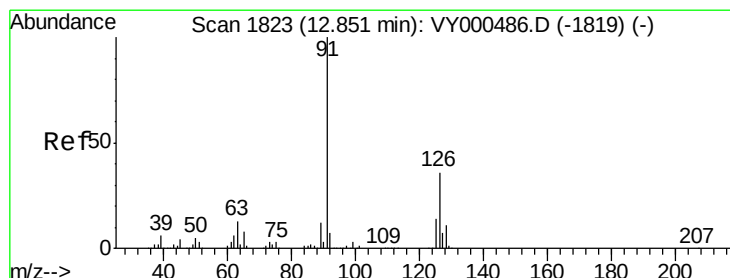
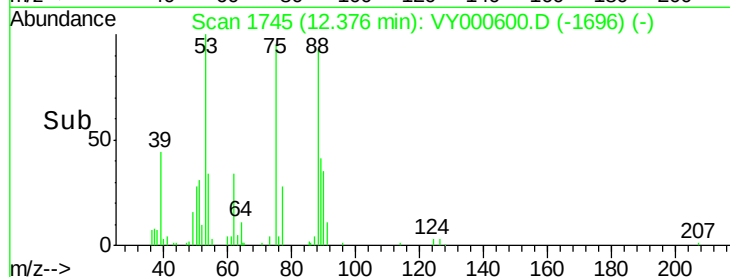
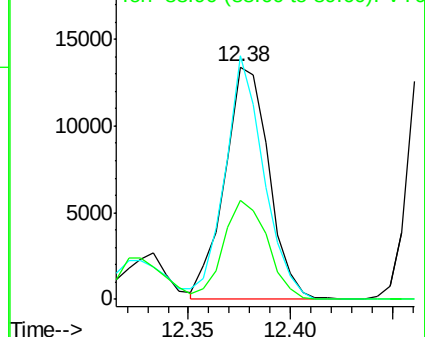
89 42.4 35.9 53.9



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: 22.733 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000600.D

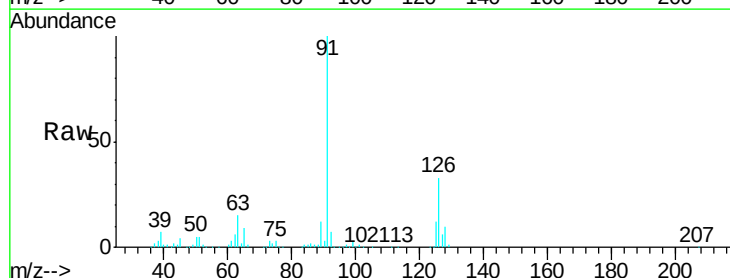
Acq: 07 Nov 2019 23:30

Tgt Ion: 91 Resp: 218762

Ion Ratio Lower Upper

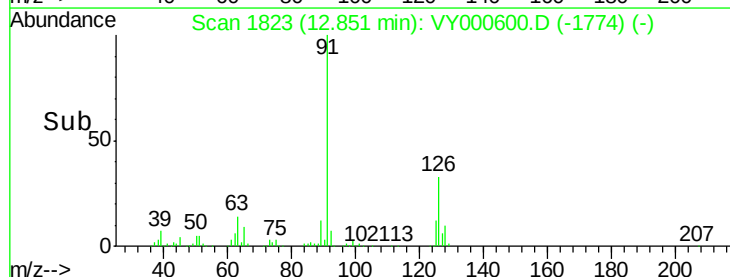
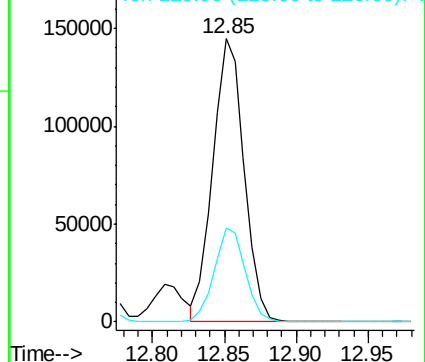
91 100

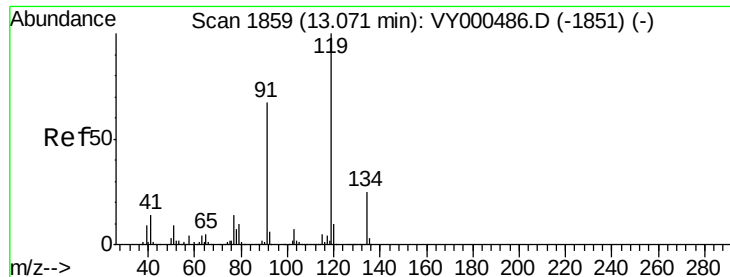
126 33.0 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

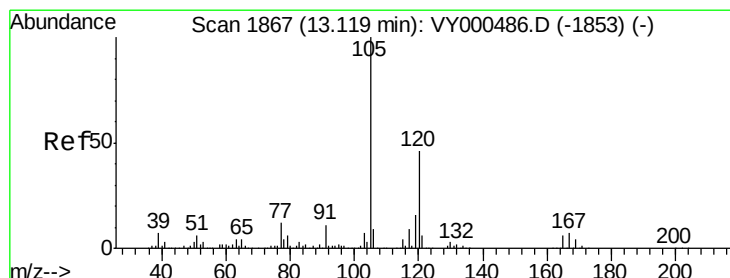
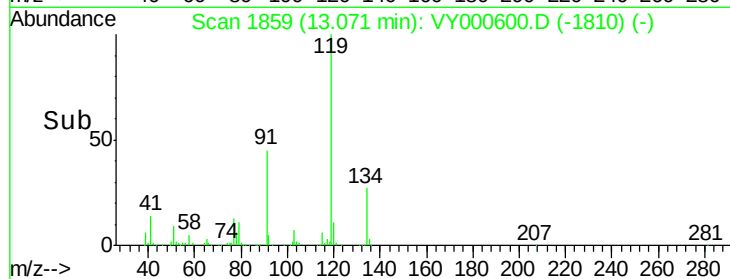
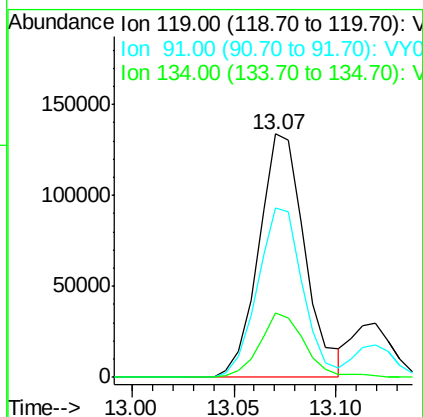
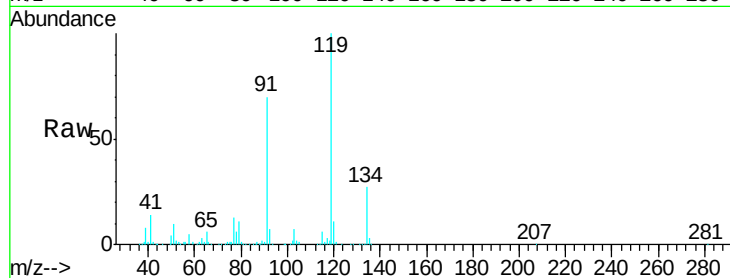




#83
tert-Butylbenzene
Concen: 21.371 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

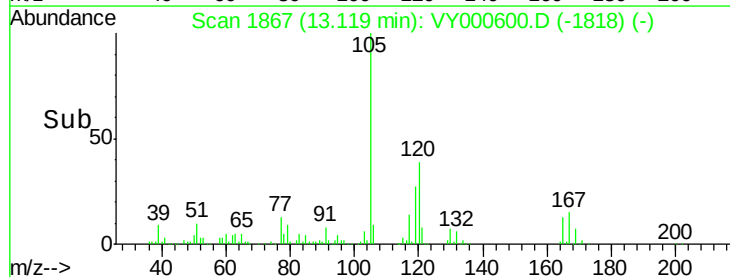
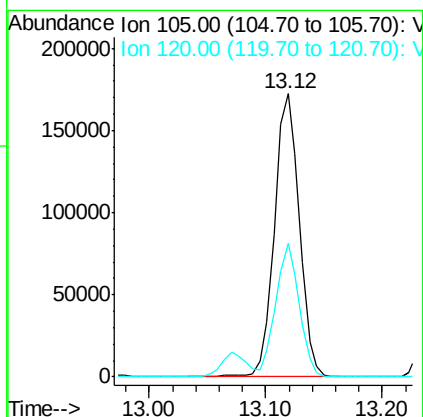
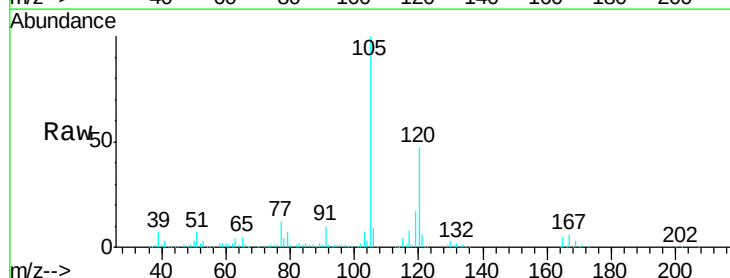
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

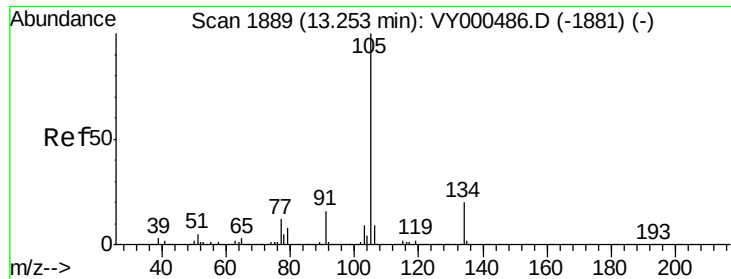
Tgt Ion:119 Resp: 210626
Ion Ratio Lower Upper
119 100
91 68.2 32.1 96.3
134 26.2 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 22.183 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:105 Resp: 254947
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.691 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

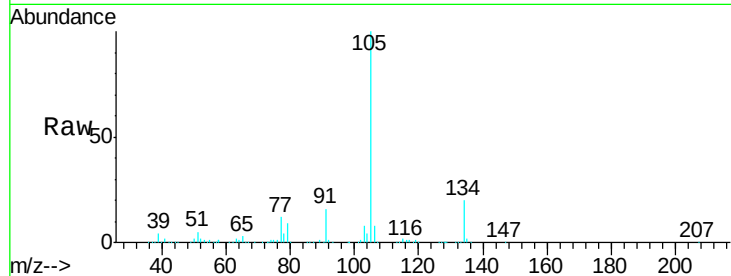
VY1107SBS02

Tgt Ion:105 Resp: 304575

Ion Ratio Lower Upper

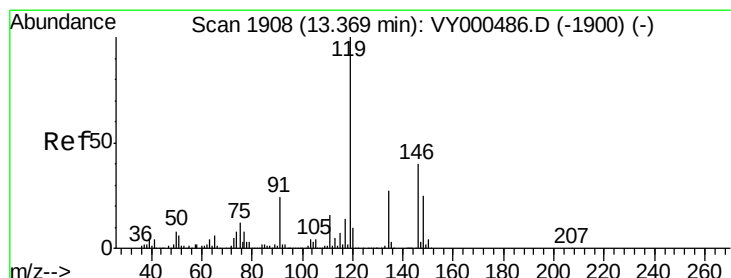
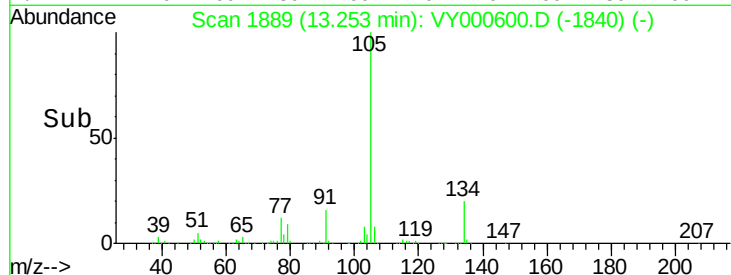
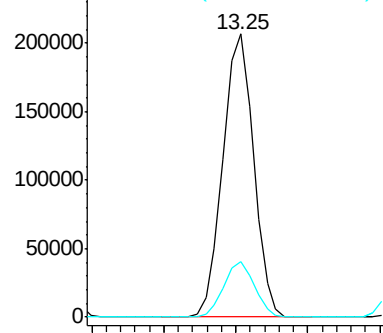
105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.380 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

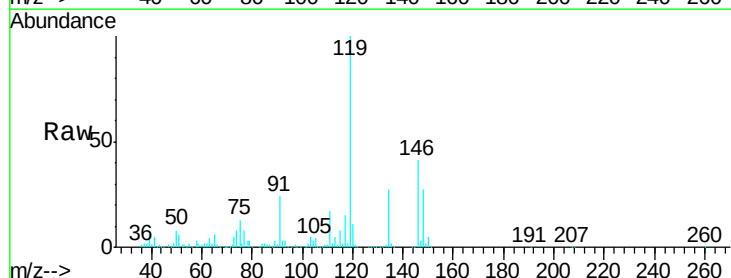
Tgt Ion:119 Resp: 267567

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

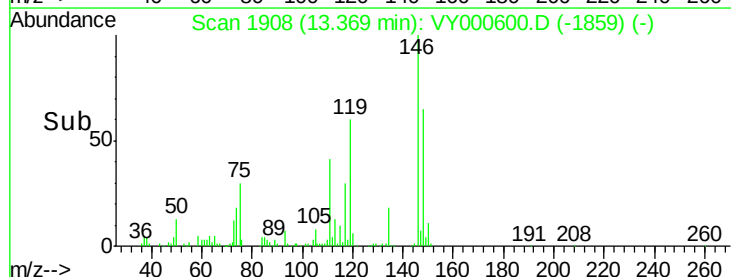
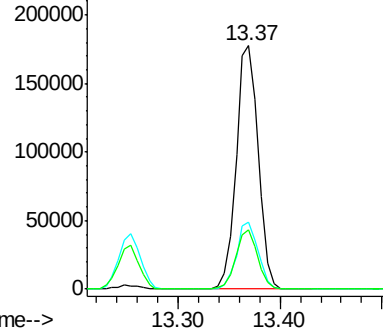
91 24.1 12.0 36.1

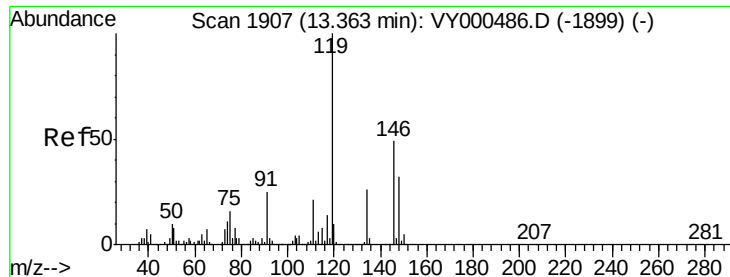


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.446 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

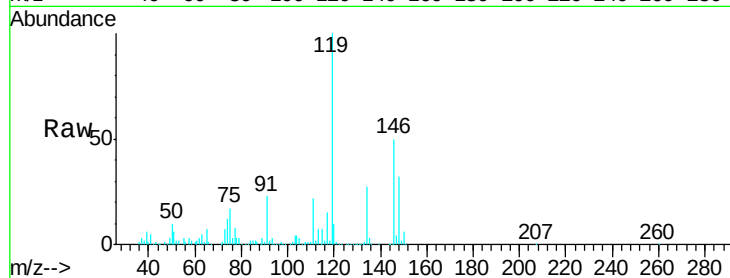
Tgt Ion:146 Resp: 132019

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.8

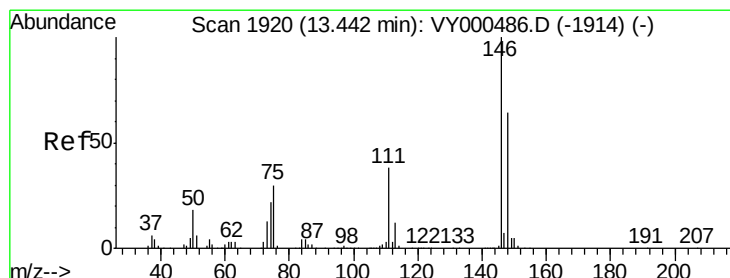
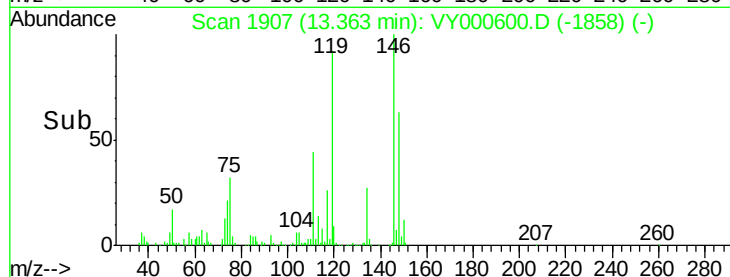
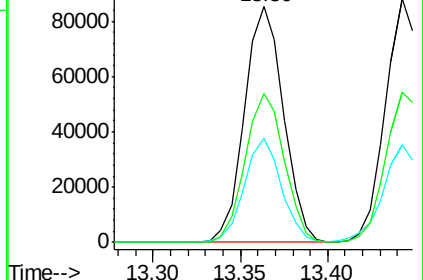
148 63.4 31.5 94.5



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: 21.464 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

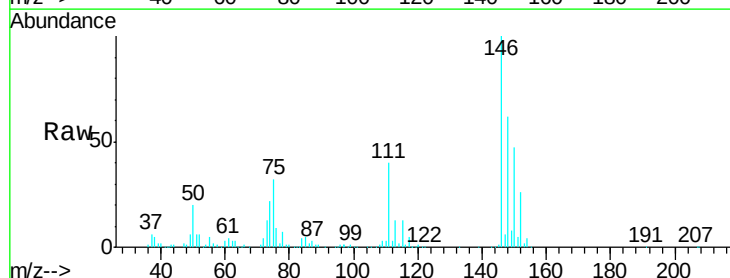
Tgt Ion:146 Resp: 132034

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

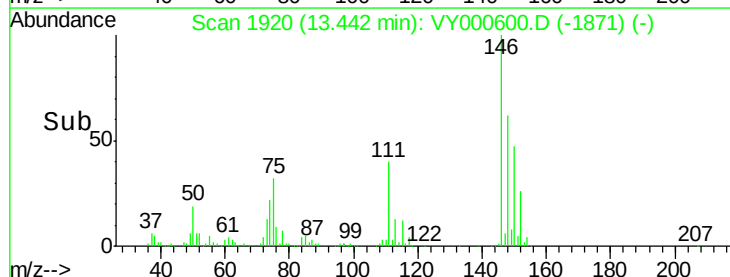
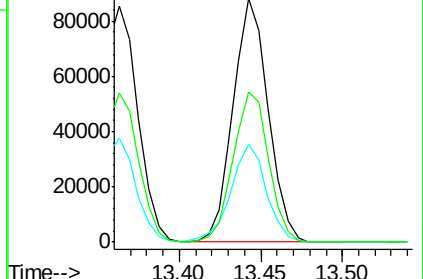
148 62.3 31.9 95.7

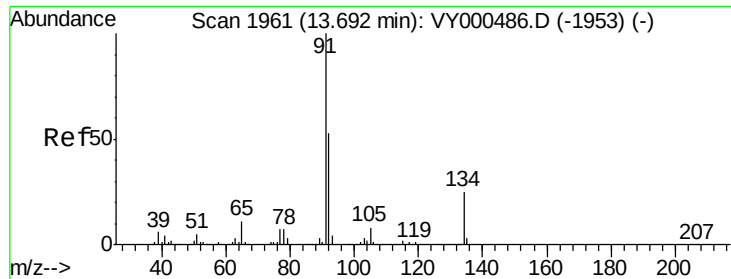


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

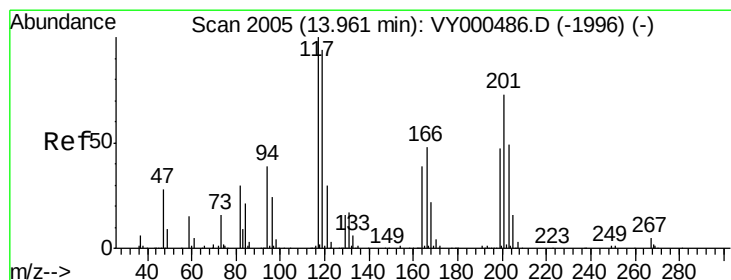
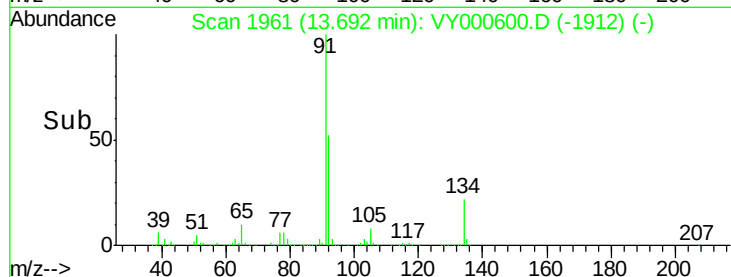
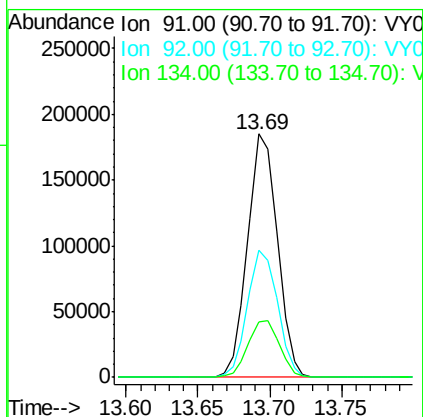
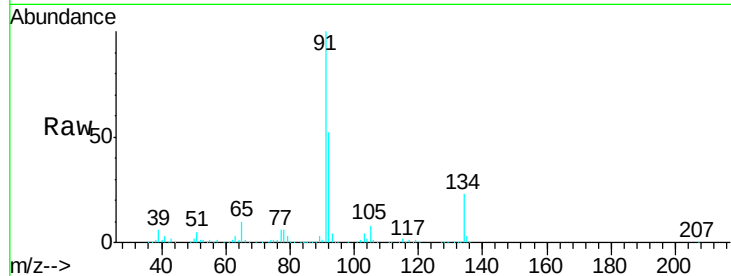




#89
n-Butylbenzene
Concen: 21.505 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

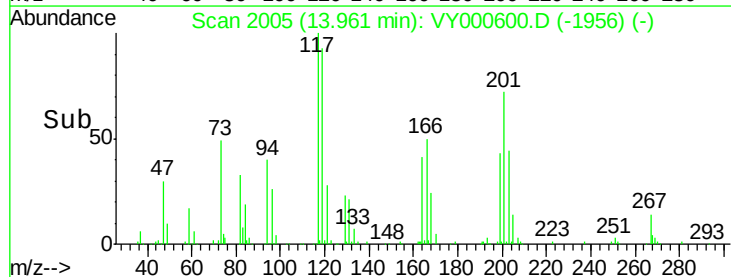
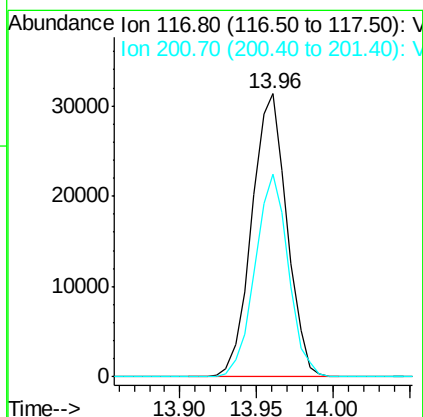
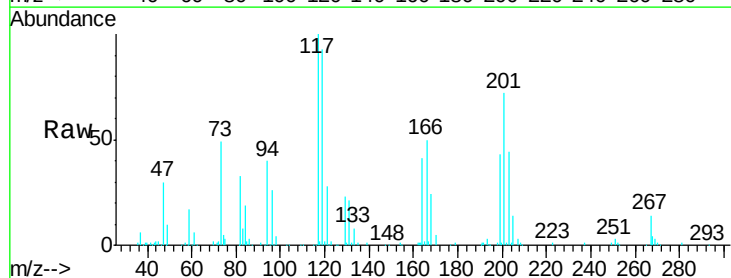
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

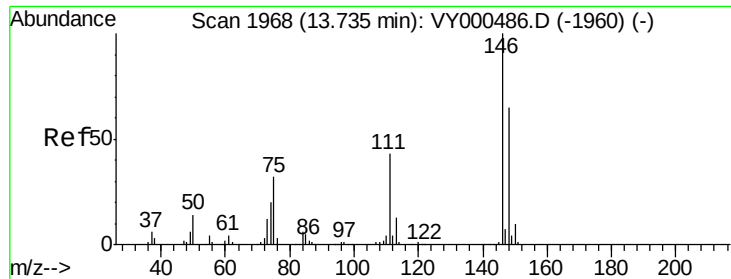
Tgt Ion: 91 Resp: 265441
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 24.5 12.9 38.7



#90
Hexachloroethane
Concen: 21.628 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 117 Resp: 50037
Ion Ratio Lower Upper
117 100
201 68.3 35.8 107.3

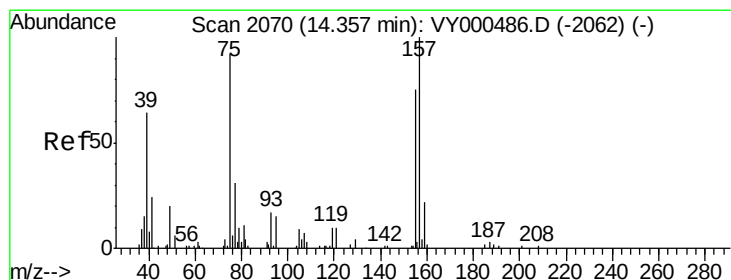
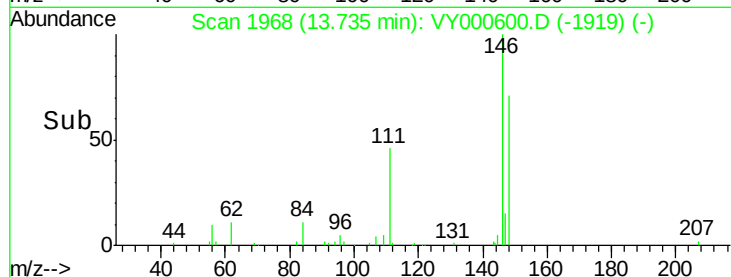
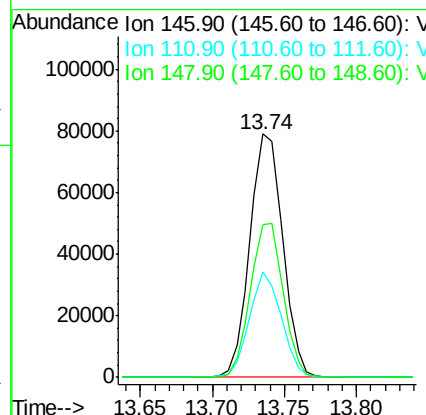
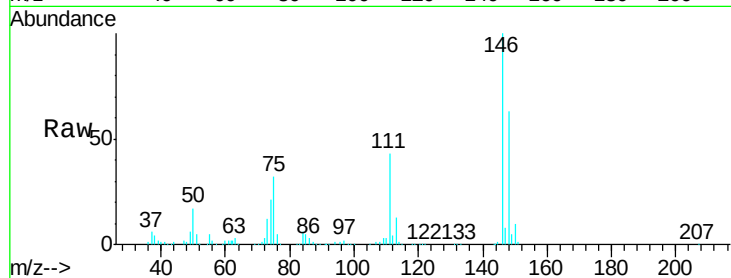




#91
 1,2-Dichlorobenzene
 Concen: 22.338 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

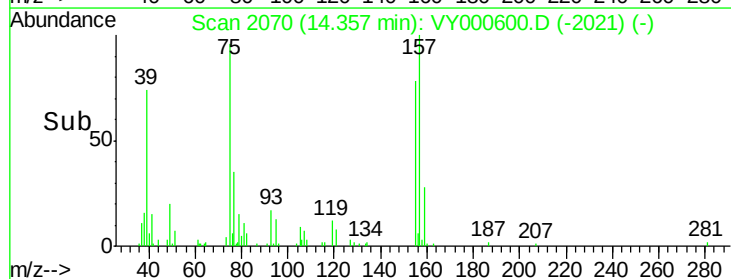
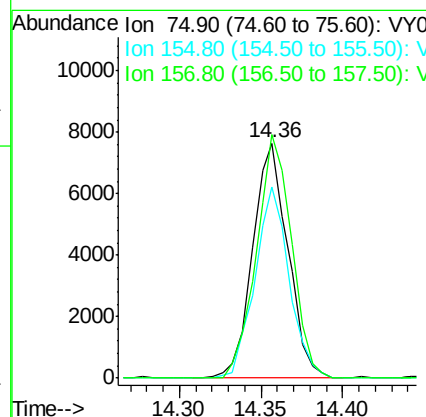
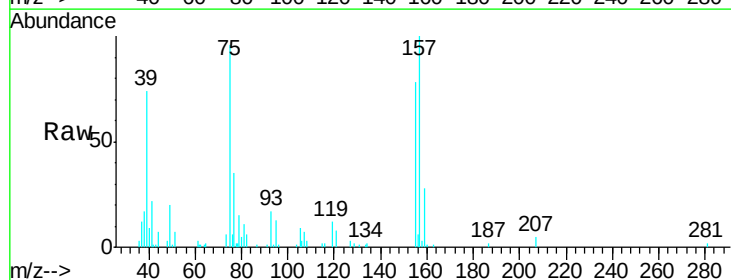
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

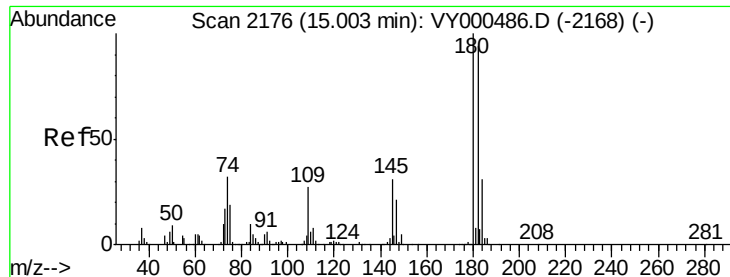
Tgt Ion:146 Resp: 124765
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.5
 148 63.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.547 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 75 Resp: 11436
 Ion Ratio Lower Upper
 75 100
 155 79.2 42.4 127.1
 157 103.0 55.1 165.3

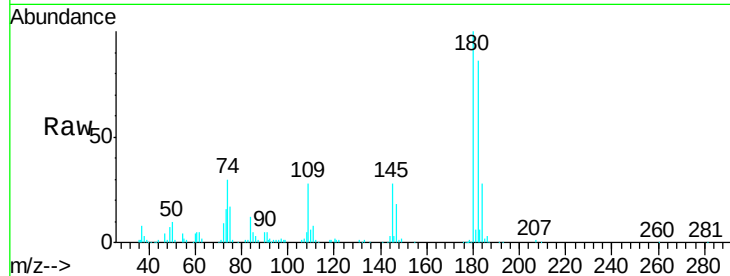




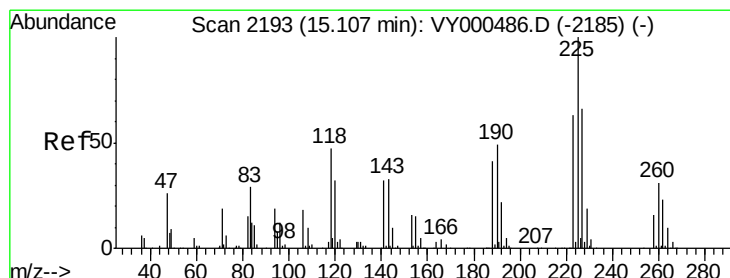
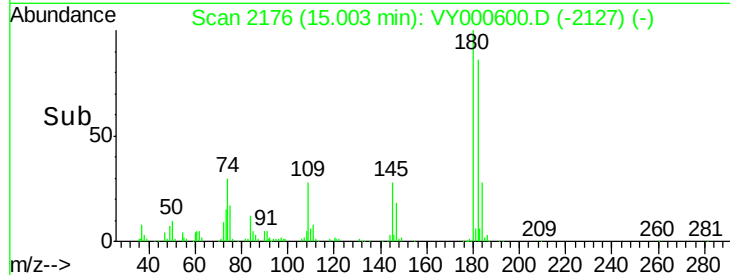
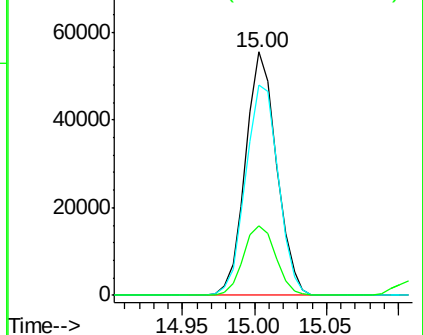
#93
 1,2,4-Trichlorobenzene
 Concen: 21.796 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.8	143.4
145	29.9	16.0	47.9

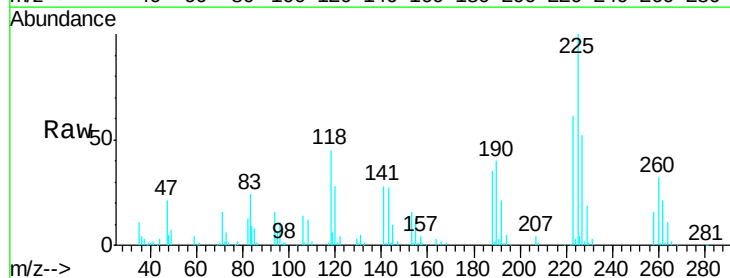


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

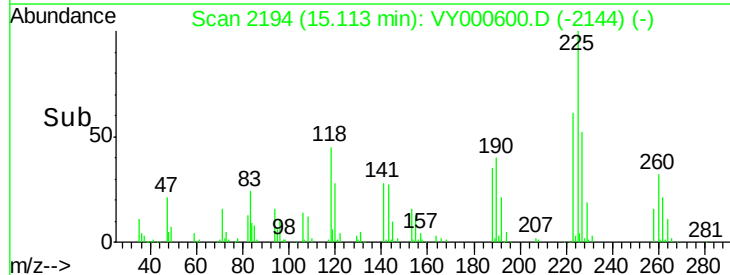
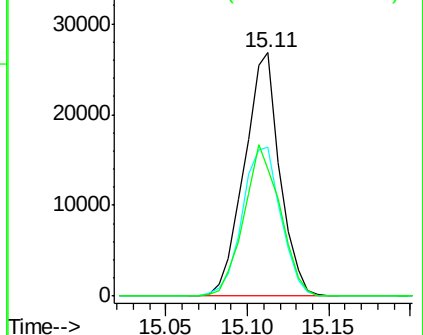


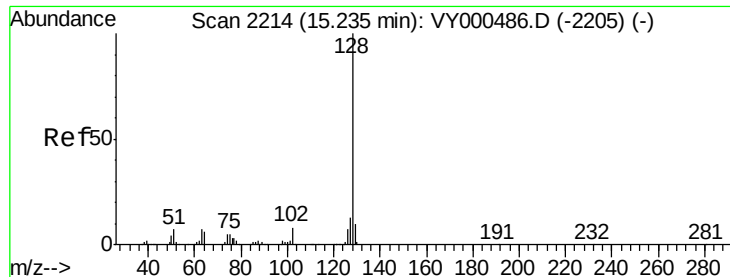
#94
 Hexachlorobutadiene
 Concen: 20.797 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	31.3	93.8
227	63.4	32.4	97.0



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

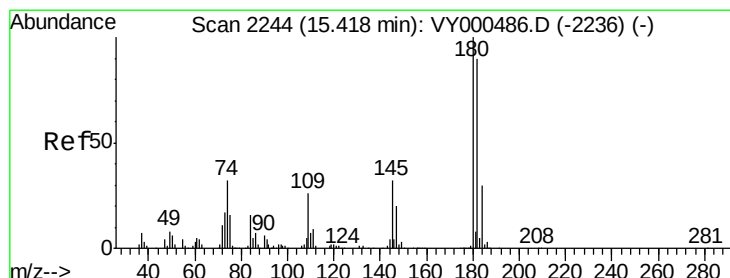
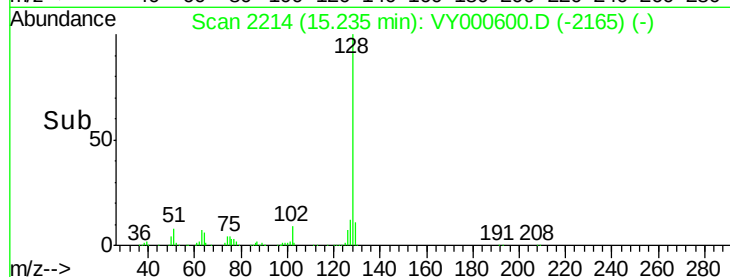
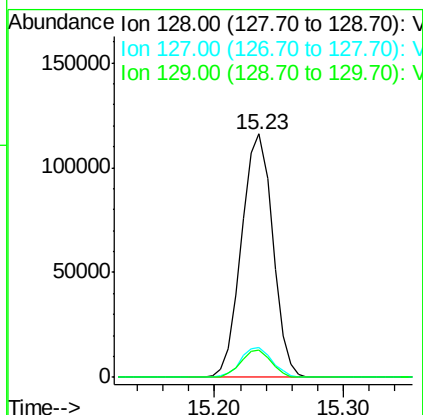
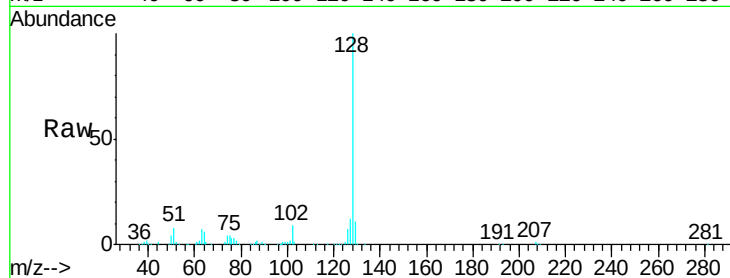




#95
Naphthalene
Concen: 23.038 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

Tgt Ion:128 Resp: 194498
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.614 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:180 Resp: 73746
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.3
145 31.4 15.7 47.0

