

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000607.D
 Acq On : 08 Nov 2019 11:31
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 11 04:41:54 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	277805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	460697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151061	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.73	113	131322	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.19	98	539550	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	191906	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48962	17.904	ug/l	94
3) Chloromethane	2.12	50	68146	18.089	ug/l	97
4) Vinyl Chloride	2.26	62	64011	18.298	ug/l	97
5) Bromomethane	2.66	94	40072	19.102	ug/l	93
6) Chloroethane	2.80	64	43281	19.768	ug/l	96
7) Trichlorofluoromethane	3.13	101	93829	19.860	ug/l	96
8) Diethyl Ether	3.54	74	32040	19.086	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	56346	19.728	ug/l	96
10) Methyl Iodide	4.10	142	63050	18.897	ug/l	99
11) Tert butyl alcohol	5.02	59	9965	35.608	ug/l	96
12) 1,1-Dichloroethene	3.88	96	54715	19.717	ug/l	96
13) Acrolein	3.74	56	16750	68.712	ug/l	96
14) Allyl chloride	4.49	41	89767	19.894	ug/l	99
15) Acrylonitrile	5.19	53	82716	96.188	ug/l	99
16) Acetone	3.98	43	54940	69.337	ug/l	95
17) Carbon Disulfide	4.20	76	159599	18.235	ug/l	98
18) Methyl Acetate	4.49	43	43206	17.537	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	148679	19.270	ug/l	94
20) Methylene Chloride	4.72	84	64783	19.081	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	59640	19.011	ug/l	95
22) Diisopropyl ether	6.13	45	197162	20.103	ug/l	94
23) Vinyl Acetate	6.08	43	614022	99.179	ug/l	98
24) 1,1-Dichloroethane	6.04	63	105360	19.830	ug/l	97
25) 2-Butanone	7.01	43	106481	84.204	ug/l	97
26) 2,2-Dichloropropane	6.99	77	95174	19.601	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	67929	19.802	ug/l	99
28) Bromochloromethane	7.35	49	26643	14.188	ug/l	96
29) Tetrahydrofuran	7.37	42	71901	92.942	ug/l	97
30) Chloroform	7.52	83	105131	19.560	ug/l	96
31) Cyclohexane	7.80	56	106814	19.194	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	91492	19.100	ug/l	98
36) 1,1-Dichloropropene	7.93	75	86287	19.812	ug/l	100
37) Ethyl Acetate	7.09	43	48872	18.901	ug/l	97
38) Carbon Tetrachloride	7.91	117	84375	20.134	ug/l	91

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	108961	19.365	ug/l	95
40) Benzene	8.18	78	244897	19.180	ug/l	98
41) Methacrylonitrile	7.33	41	29425	20.399	ug/l #	65
42) 1,2-Dichloroethane	8.25	62	72690	20.072	ug/l	99
43) Isopropyl Acetate	8.28	43	96585	19.885	ug/l	98
44) Trichloroethene	8.94	130	65538	19.467	ug/l	97
45) 1,2-Dichloropropane	9.22	63	61341	19.519	ug/l	95
46) Dibromomethane	9.32	93	33488	19.376	ug/l	97
47) Bromodichloromethane	9.50	83	79163	19.304	ug/l	97
48) Methyl methacrylate	9.30	41	41245	19.435	ug/l	96
49) 1,4-Dioxane	9.33	88	8010	344.366	ug/l #	71
51) 4-Methyl-2-Pentanone	10.08	43	248674	96.293	ug/l	99
52) Toluene	10.25	92	156936	19.440	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	87842	20.047	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	97820	19.487	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	47144	18.859	ug/l	97
56) Ethyl methacrylate	10.51	69	68685	19.386	ug/l	97
57) 1,3-Dichloropropane	10.79	76	86364	19.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	164645	102.791	ug/l	99
59) 2-Hexanone	10.84	43	175497	93.271	ug/l	99
60) Dibromochloromethane	10.99	129	54220	18.936	ug/l	99
61) 1,2-Dibromoethane	11.10	107	47480	19.754	ug/l	99
64) Tetrachloroethene	10.72	164	67355	19.577	ug/l	96
65) Chlorobenzene	11.52	112	166251	19.707	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	57418	19.625	ug/l	99
67) Ethyl Benzene	11.60	91	307570	19.810	ug/l	98
68) m/p-Xylenes	11.70	106	230475	38.354	ug/l	96
69) o-Xylene	12.03	106	108435	19.200	ug/l	98
70) Styrene	12.05	104	184192	19.046	ug/l	99
71) Bromoform	12.21	173	31724	18.852	ug/l #	99
73) Isopropylbenzene	12.33	105	294410	20.145	ug/l	100
74) N-amyl acetate	12.14	43	83573	19.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58513	20.221	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	79376	35.254	ug/l #	100
77) Bromobenzene	12.61	156	64532	19.472	ug/l	96
78) n-propylbenzene	12.67	91	357124	20.252	ug/l	100
79) 2-Chlorotoluene	12.76	91	195823	20.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	250345	20.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19160	19.080	ug/l	99
82) 4-Chlorotoluene	12.86	91	209245	20.620	ug/l	98
83) tert-Butylbenzene	13.08	119	206779	19.896	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	252131	20.805	ug/l	96
85) sec-Butylbenzene	13.25	105	303286	20.483	ug/l	100
86) p-Isopropyltoluene	13.37	119	269599	20.429	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	127349	19.618	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	129915	20.028	ug/l	99
89) n-Butylbenzene	13.70	91	264144	20.294	ug/l	98
90) Hexachloroethane	13.96	117	48862	20.028	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	117186	19.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10165	19.848	ug/l	95

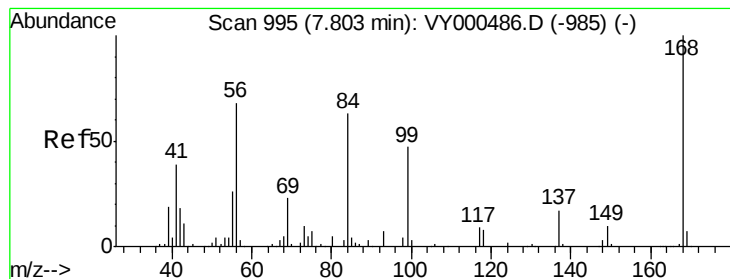
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	80898	20.172	ug/l	96
94) Hexachlorobutadiene	15.11	225	41905	20.271	ug/l	97
95) Naphthalene	15.23	128	177713	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71479	19.867	ug/l	99

(#) = 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: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

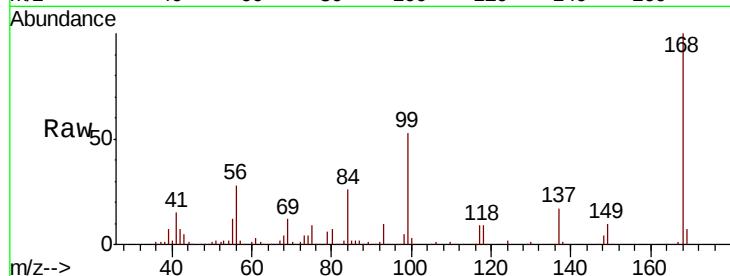
VY1108SBS01

Tot Ion:168 Resp: 277805

Ion Ratio Lower Upper

168 100

99 52.9 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

150000

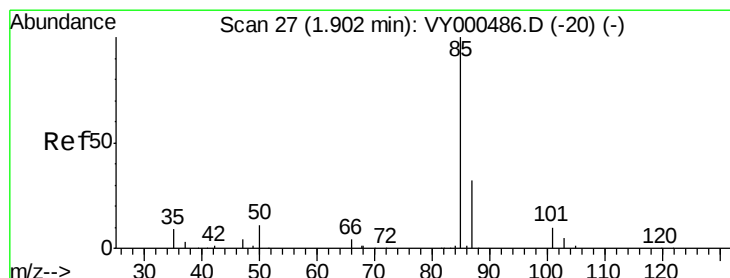
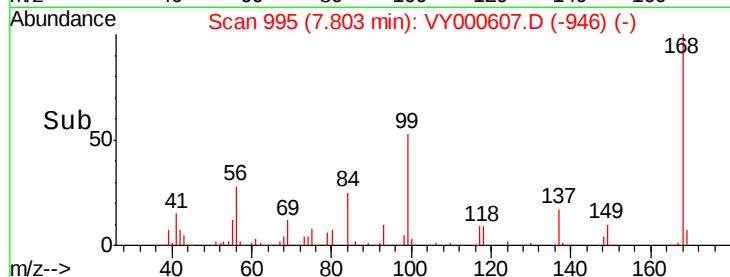
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.904 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000607.D

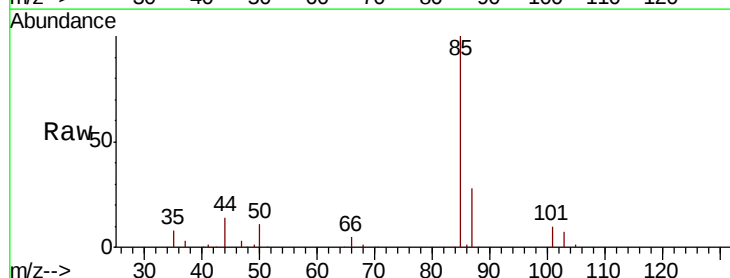
Acq: 08 Nov 2019 11:31

Tgt Ion: 85 Resp: 48962

Ion Ratio Lower Upper

85 100

87 28.4 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) (-)

1.91

30000

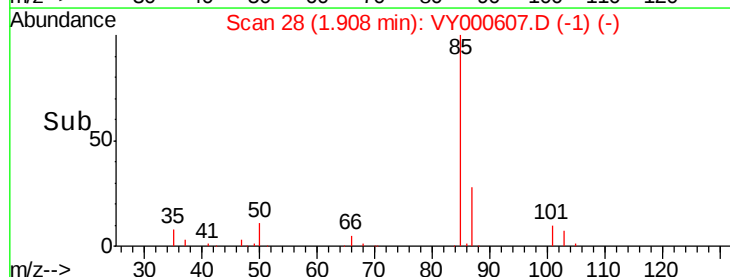
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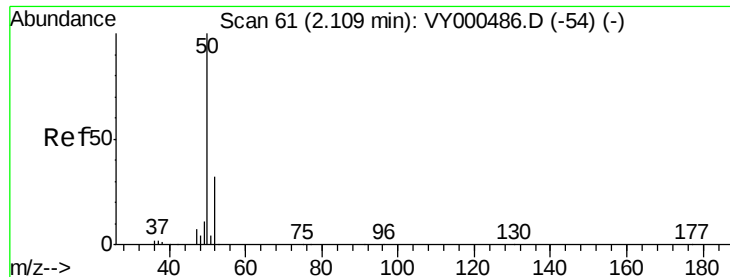
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.089 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

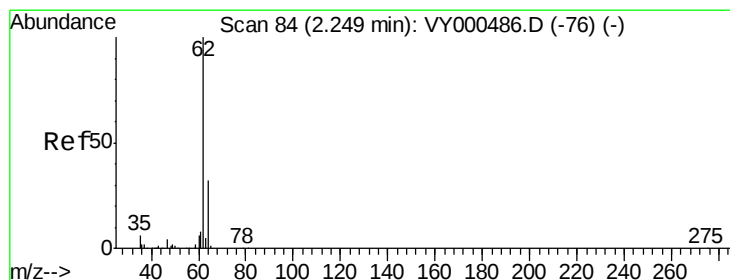
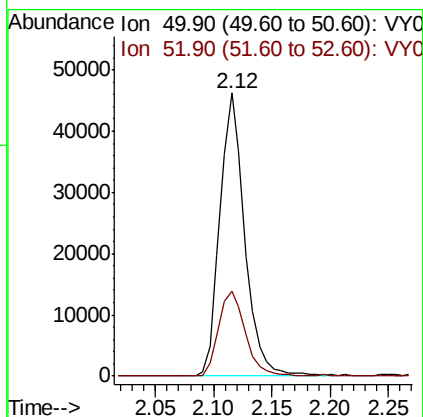
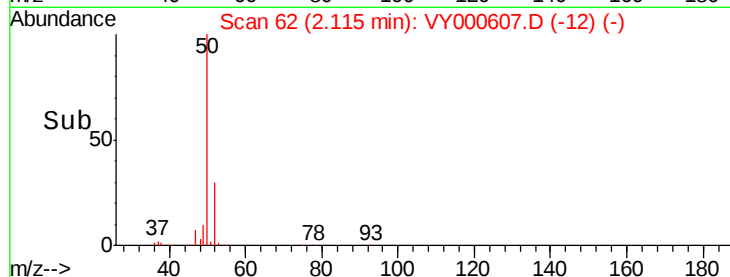
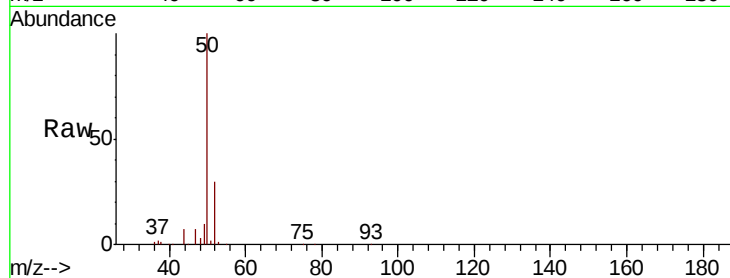
VY1108SBS01

Tot Ion: 50 Resp: 68146

Ion Ratio Lower Upper

50 100

52 30.1 25.2 37.8



#4

Vinyl Chloride

Concen: 18.298 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000607.D

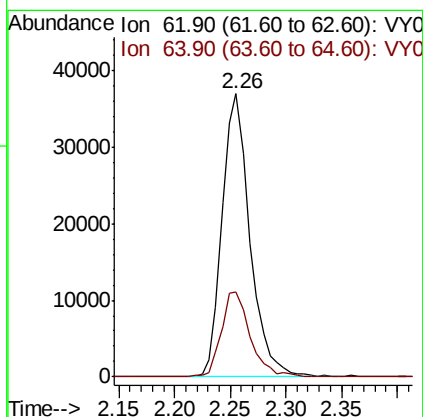
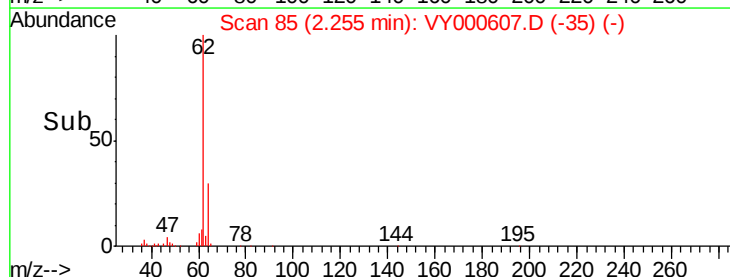
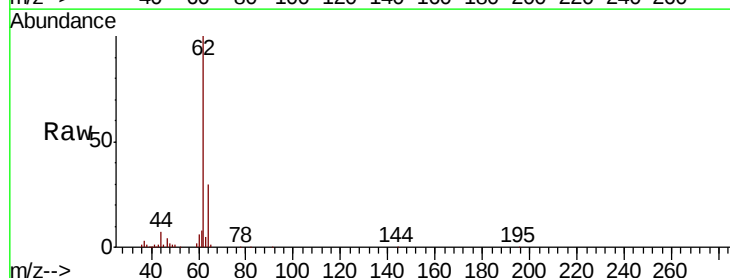
Acq: 08 Nov 2019 11:31

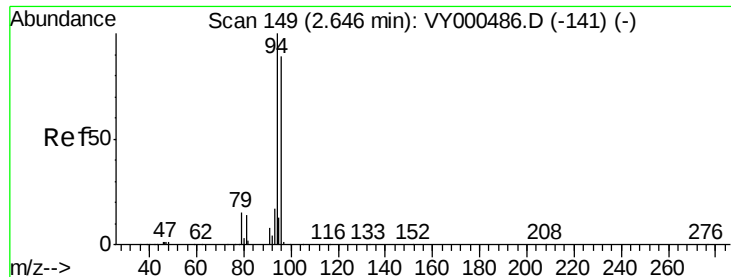
Tgt Ion: 62 Resp: 64011

Ion Ratio Lower Upper

62 100

64 29.9 25.2 37.8





#5

Bromomethane

Concen: 19.102 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

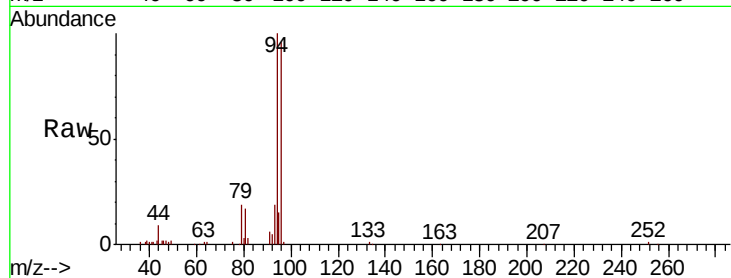
VY1108SBS01

Tot Ion: 94 Resp: 40072

Ion Ratio Lower Upper

94 100

96 96.0 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

25000

20000

15000

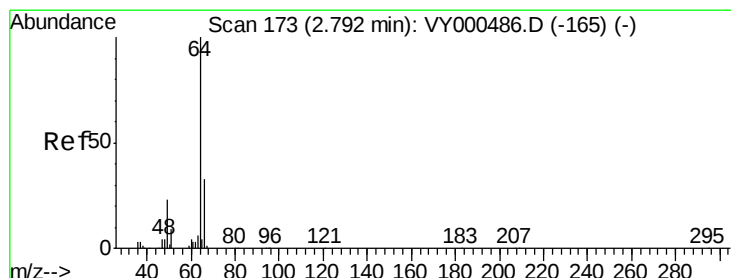
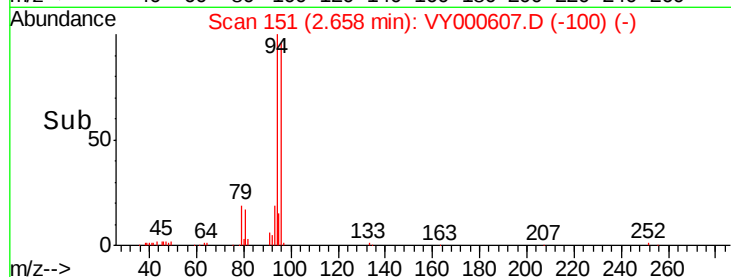
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 19.768 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000607.D

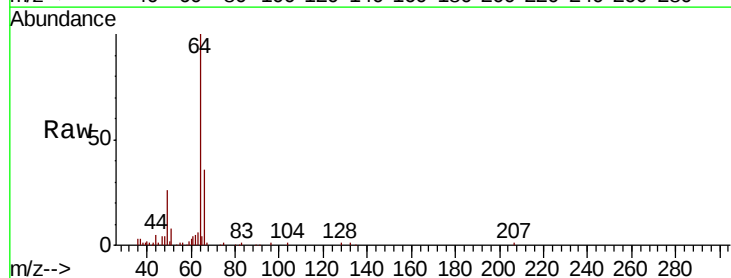
Acq: 08 Nov 2019 11:31

Tgt Ion: 64 Resp: 43281

Ion Ratio Lower Upper

64 100

66 35.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

20000

15000

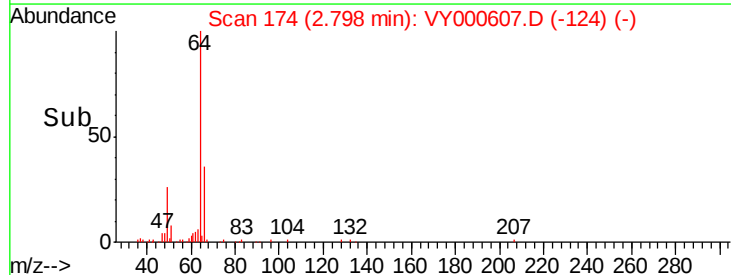
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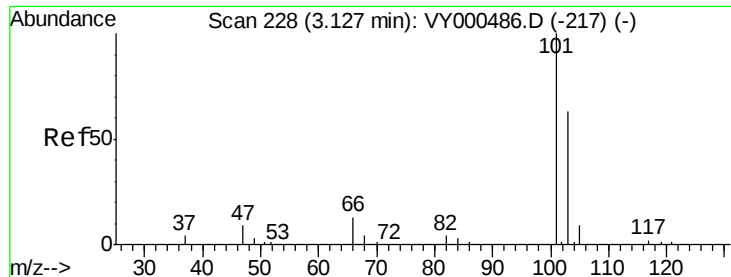
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0

Time-->

2.70 2.80 2.90



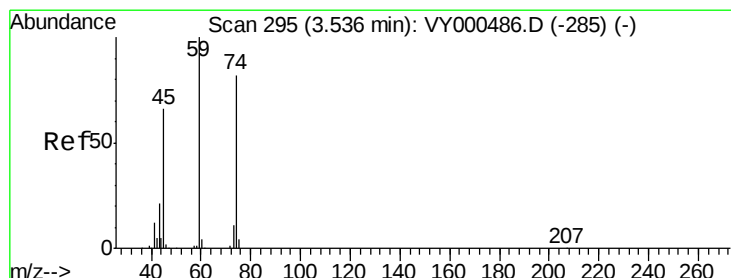
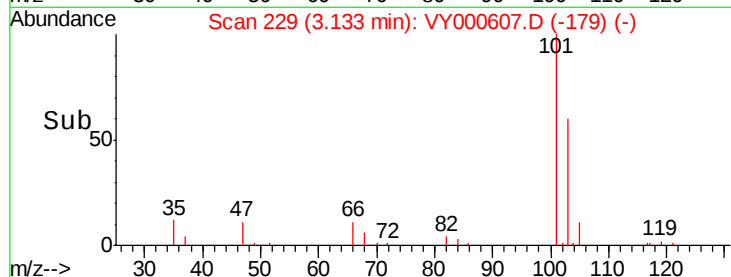
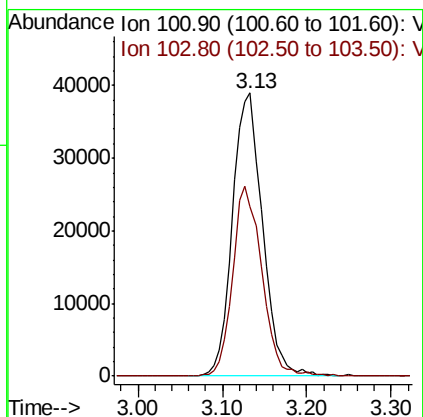
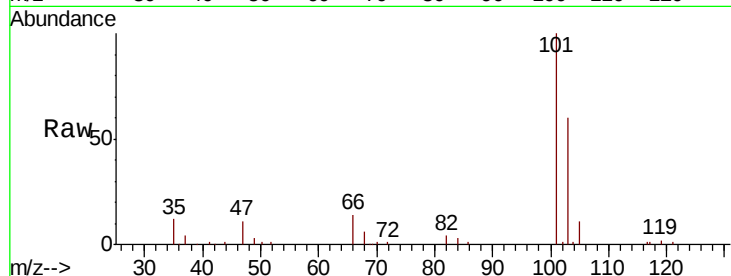


#7

Trichlorofluoromethane
 Concen: 19.860 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

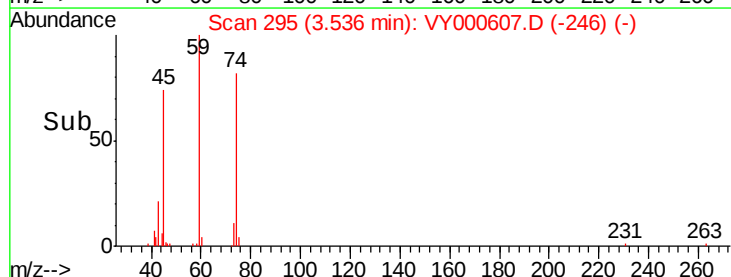
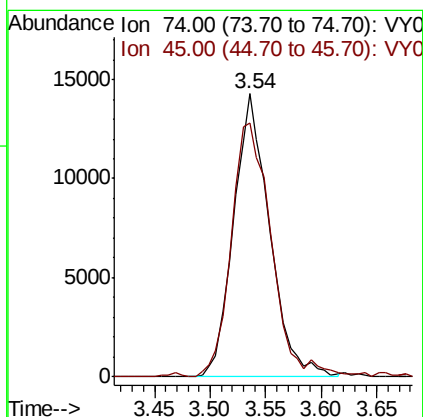
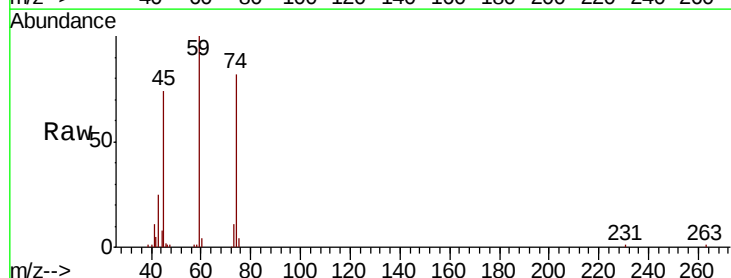
Tot Ion:101 Resp: 93829
 Ion Ratio Lower Upper
 101 100
 103 60.0 50.5 75.7



#8

Diethyl Ether
 Concen: 19.086 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 74 Resp: 32040
 Ion Ratio Lower Upper
 74 100
 45 96.6 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.728 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

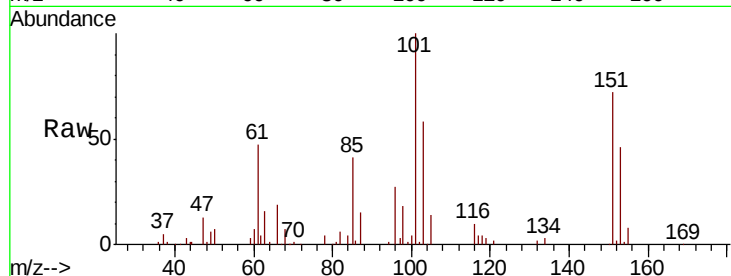
Tot Ion:101 Resp: 56346

Ion Ratio Lower Upper

101 100

85 44.9 36.7 55.1

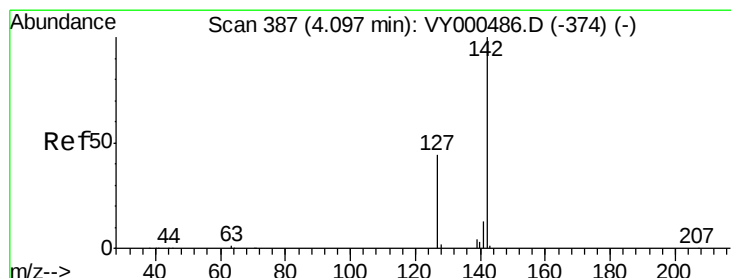
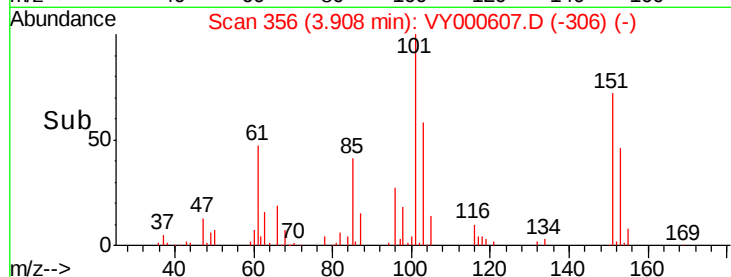
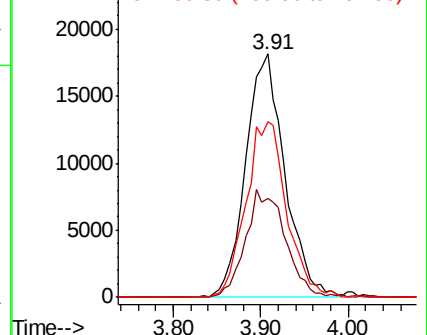
151 75.0 64.3 96.5



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: 18.897 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

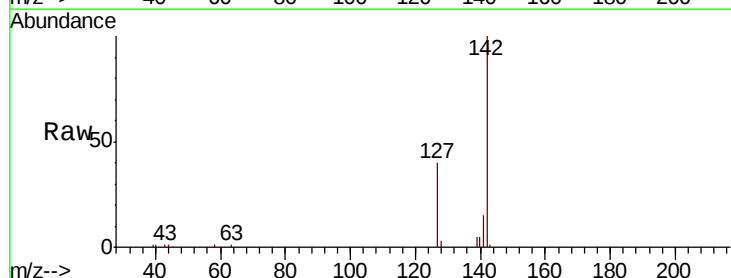
Tgt Ion:142 Resp: 63050

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

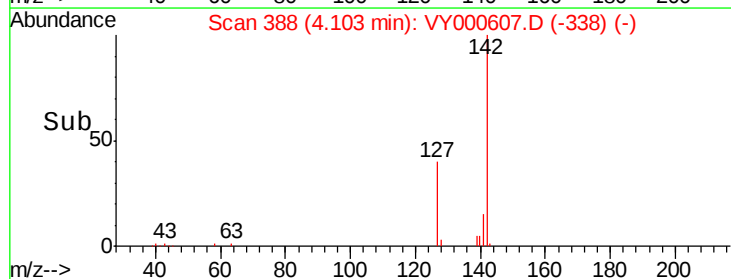
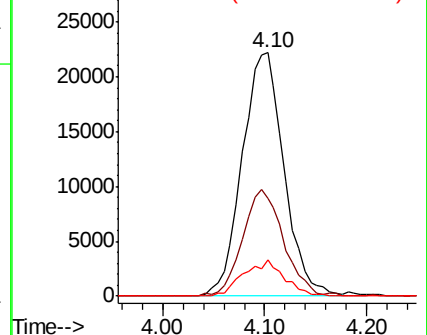
141 14.4 10.9 16.3

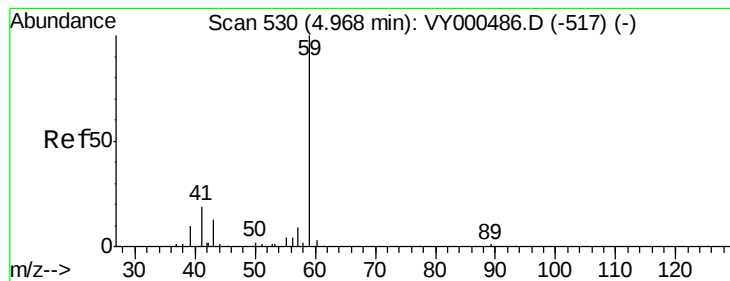


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



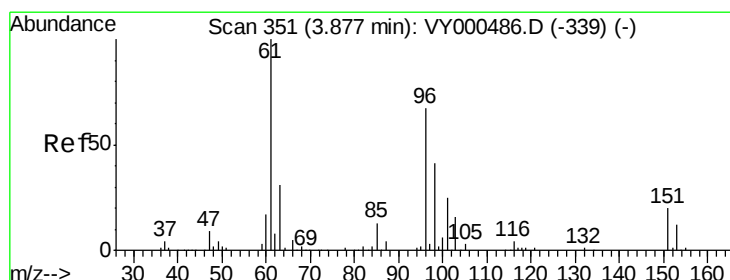
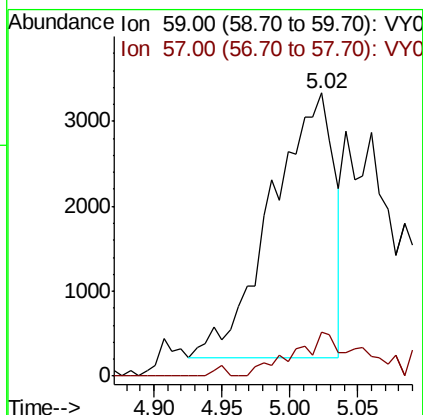
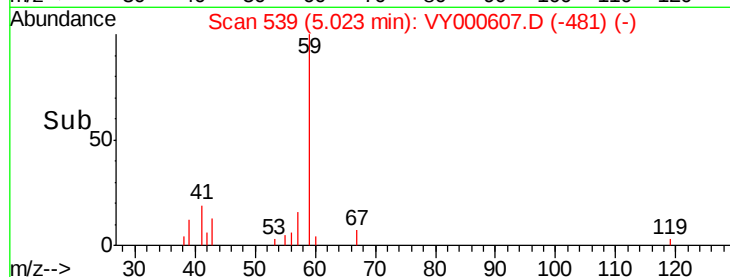
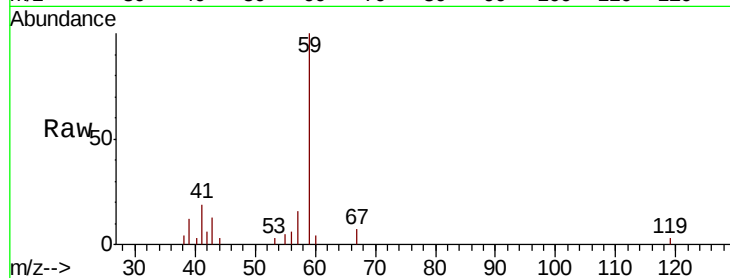


#11

Tert butyl alcohol
 Concen: 35.608 ug/l
 RT: 5.02 min Scan# 539
 Delta R.T. 0.05 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

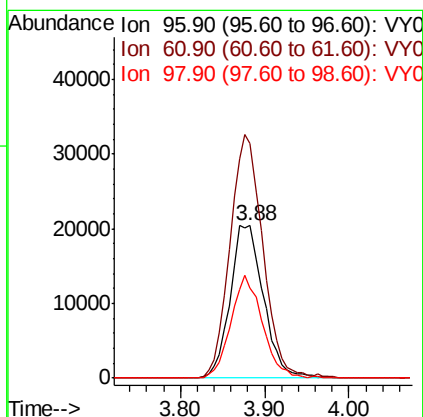
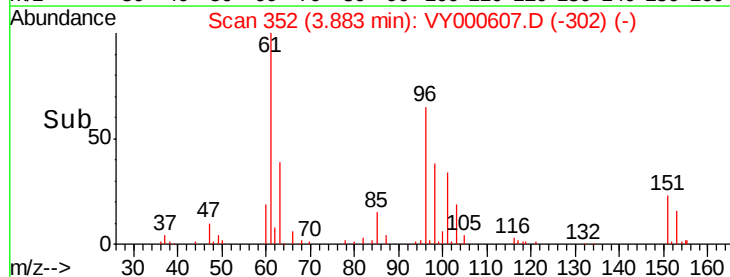
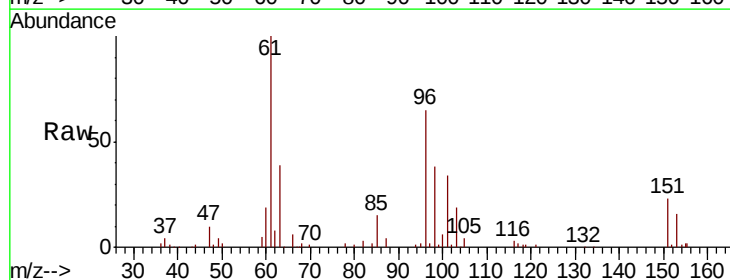
Tot Ion: 59 Resp: 9965
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 19.717 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 96 Resp: 54715
 Ion Ratio Lower Upper
 96 100
 61 154.4 119.2 178.8
 98 59.4 48.6 73.0





#13

Acrolein

Concen: 68.712 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

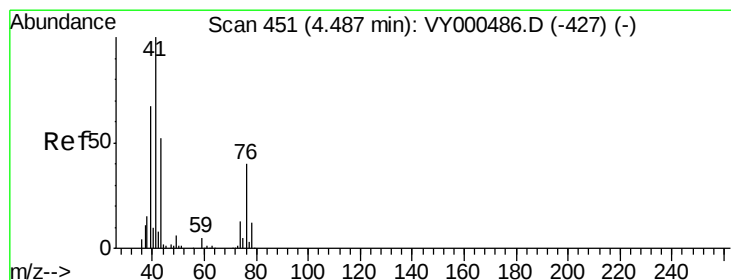
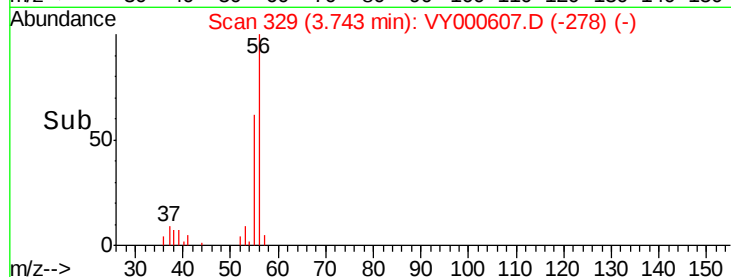
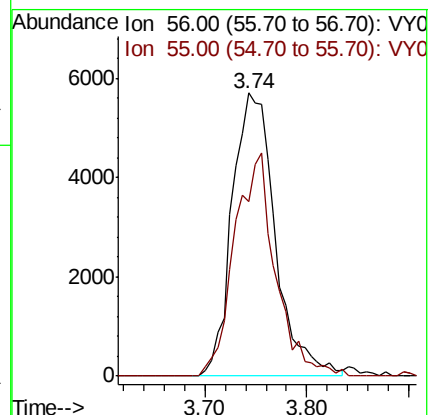
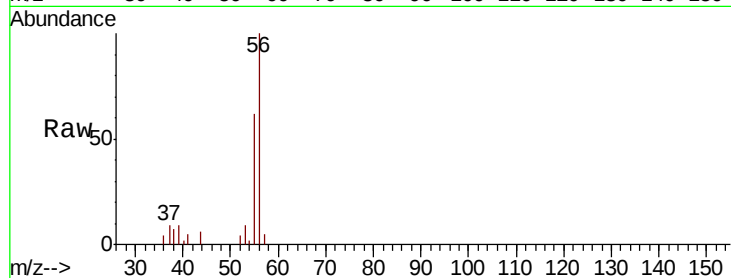
VY1108SBS01

Tot Ion: 56 Resp: 16750

Ion Ratio Lower Upper

56 100

55 74.7 57.0 85.6



#14

Allyl chloride

Concen: 19.894 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

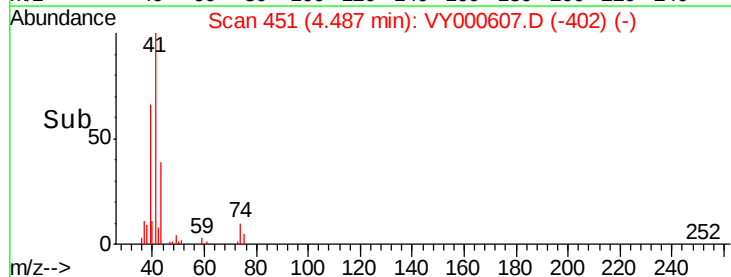
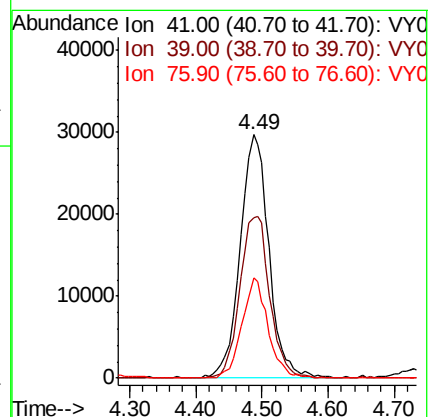
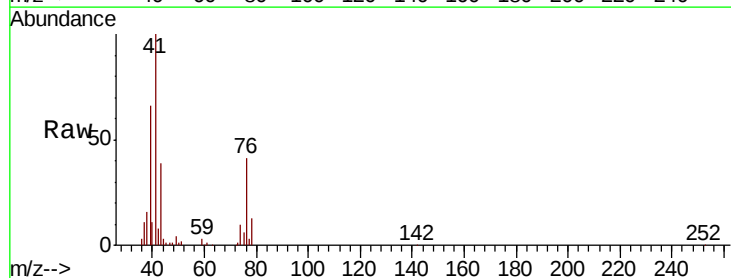
Tgt Ion: 41 Resp: 89767

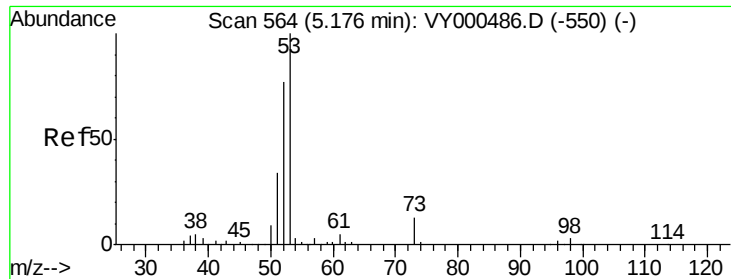
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 96.188 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

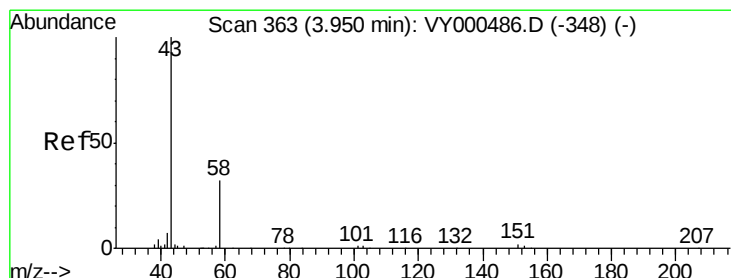
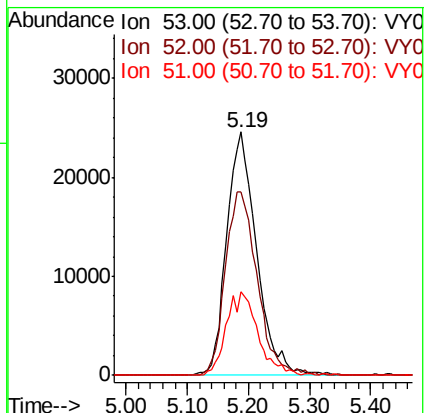
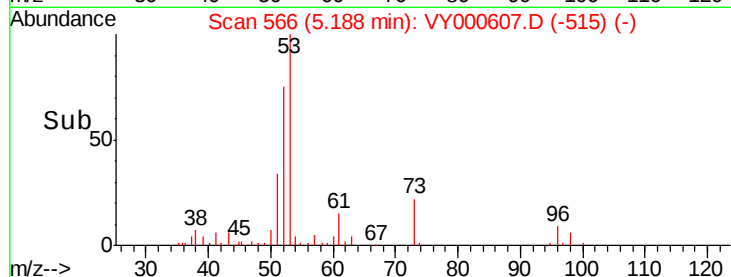
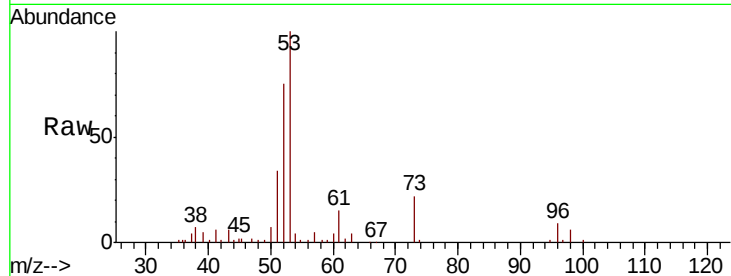
Tot Ion: 53 Resp: 82716

Ion Ratio Lower Upper

53 100

52 80.5 64.9 97.3

51 36.0 27.6 41.4



#16

Acetone

Concen: 69.337 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.03 min

Lab File: VY000607.D

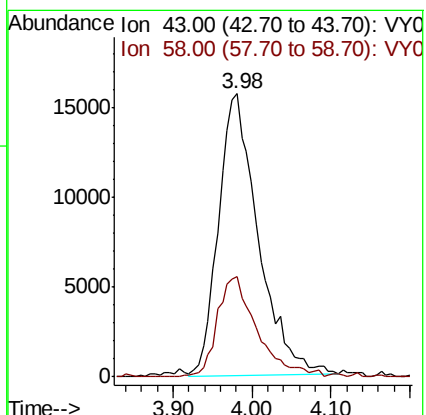
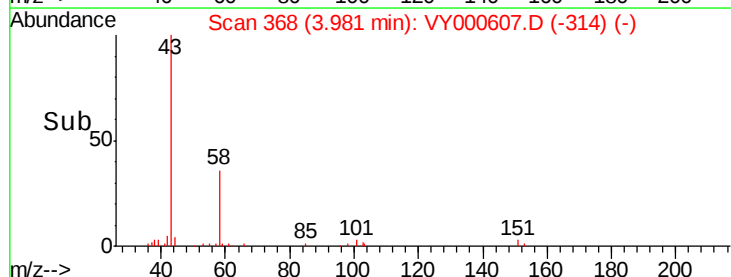
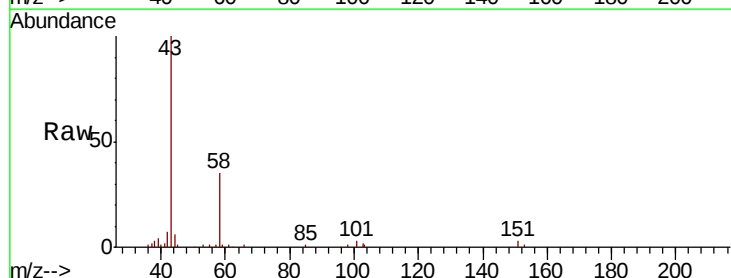
Acq: 08 Nov 2019 11:31

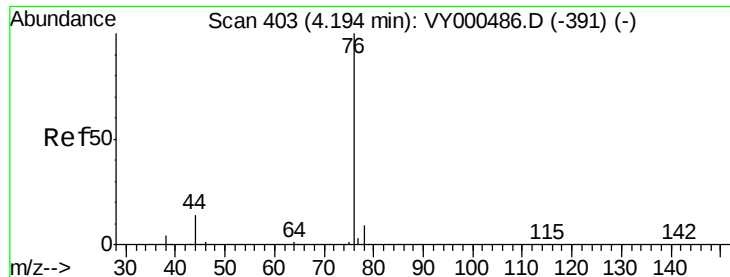
Tgt Ion: 43 Resp: 54940

Ion Ratio Lower Upper

43 100

58 35.1 25.8 38.6

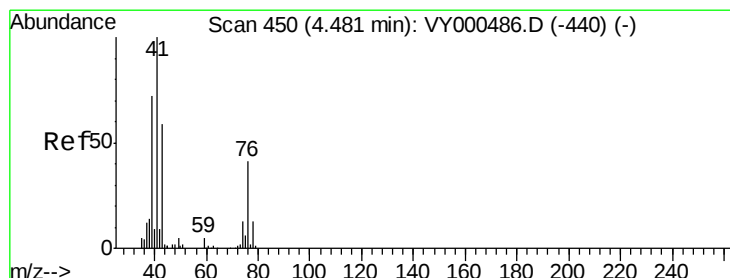
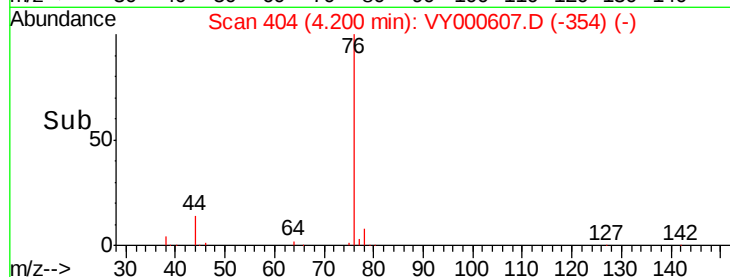
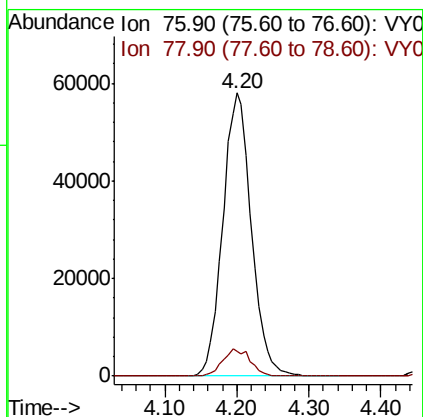
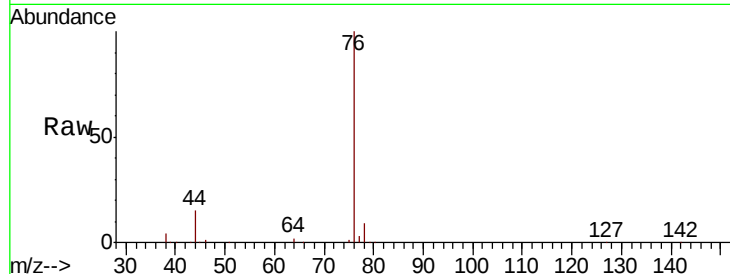




#17
Carbon Disulfide
Concen: 18.235 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

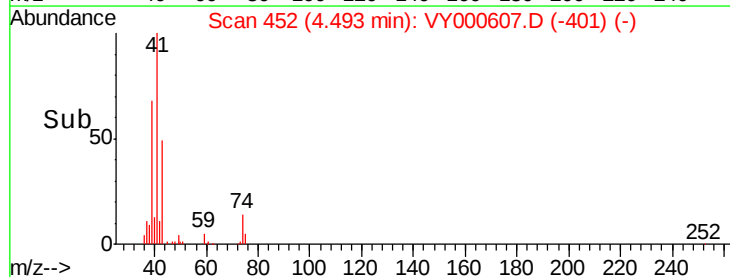
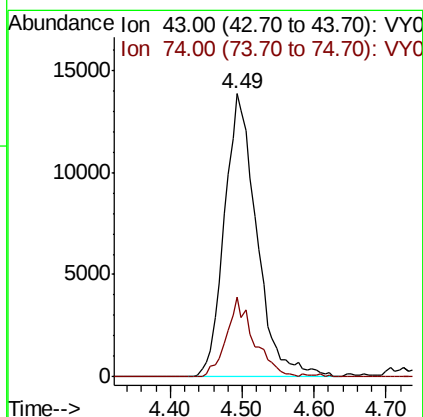
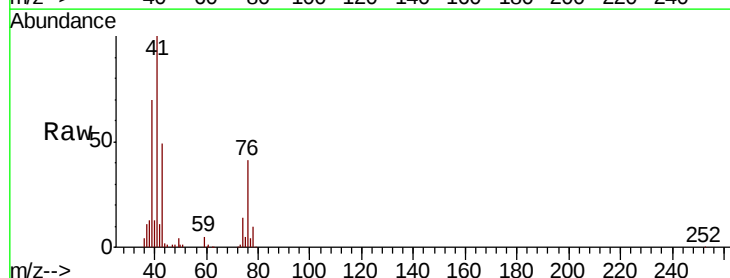
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

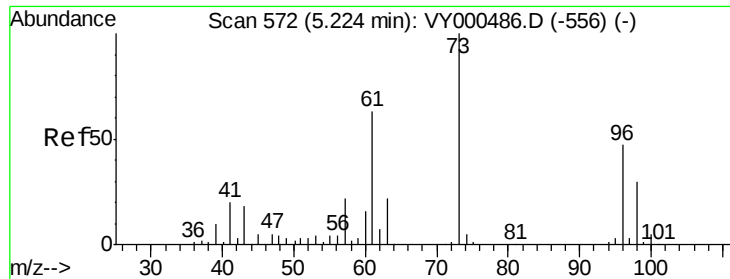
Tot Ion: 76 Resp: 159599
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 17.537 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 43 Resp: 43206
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

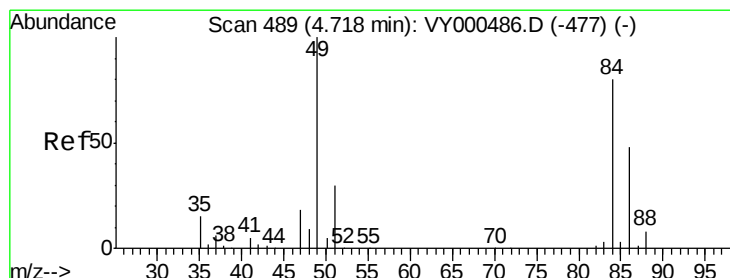
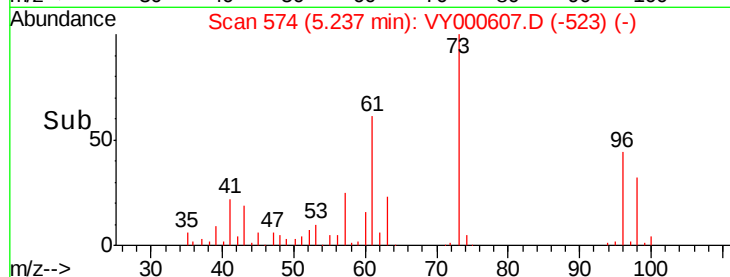
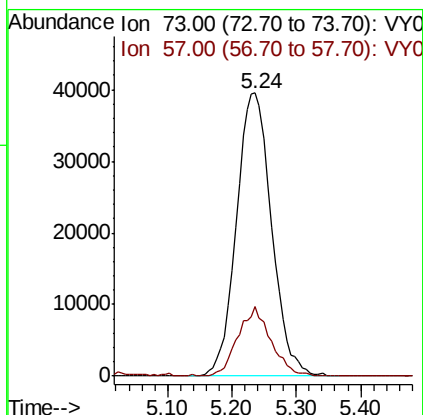
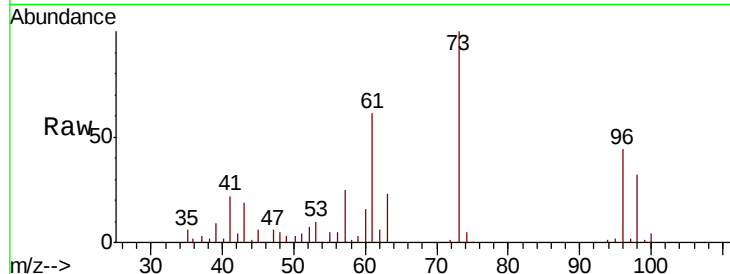




#19
Methvl tert-butvl Ether
Concen: 19.270 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

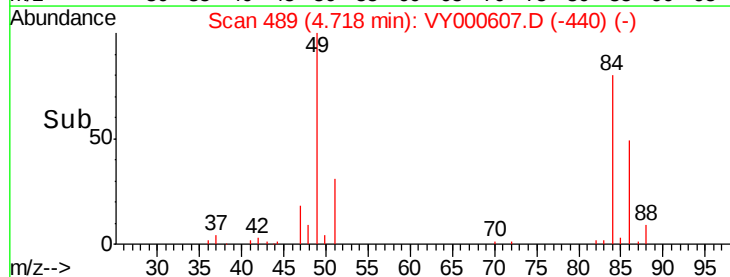
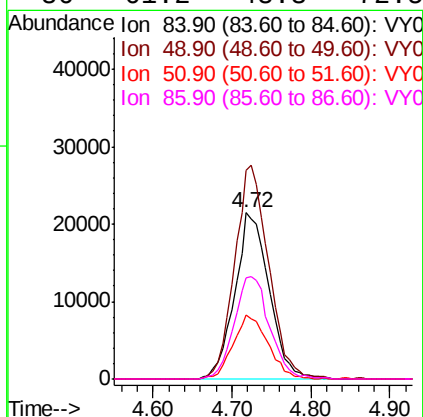
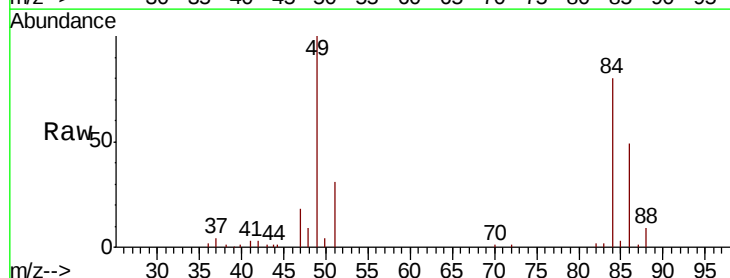
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

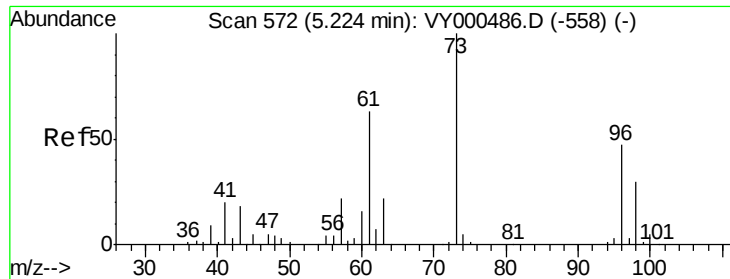
Tot Ion: 73 Resp: 148679
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 19.081 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 84 Resp: 64783
Ion Ratio Lower Upper
84 100
49 125.6 100.2 150.4
51 38.3 29.6 44.4
86 61.2 48.3 72.5

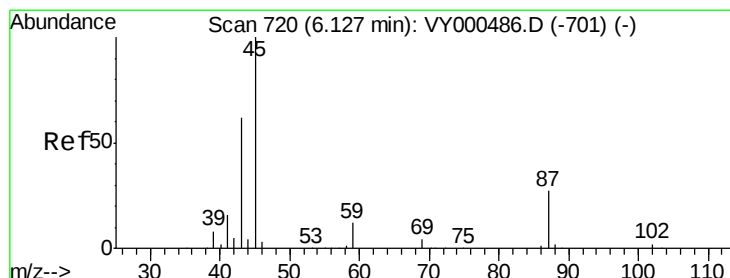
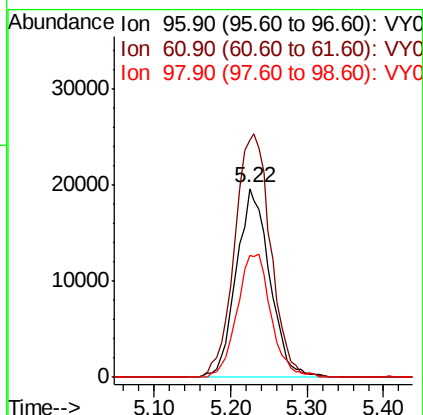
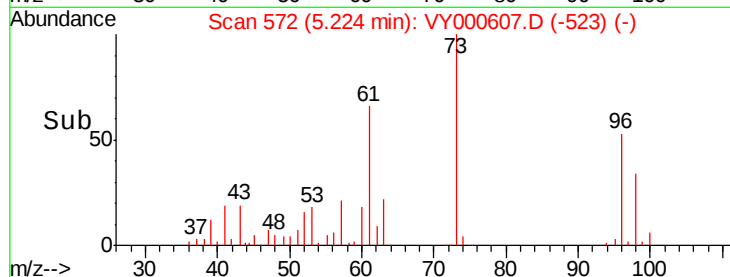
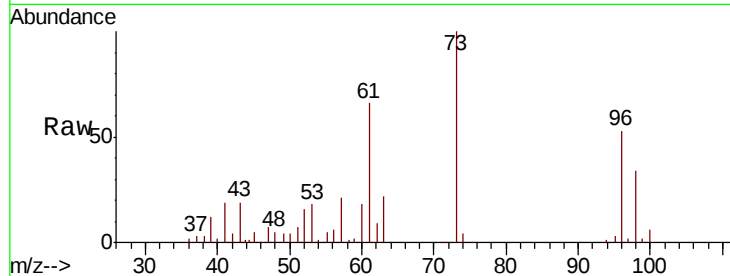




#21
trans-1,2-Dichloroethene
Concen: 19.011 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

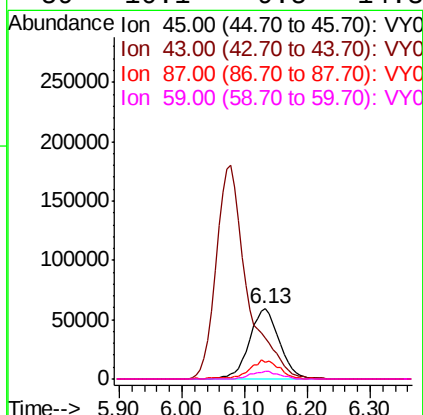
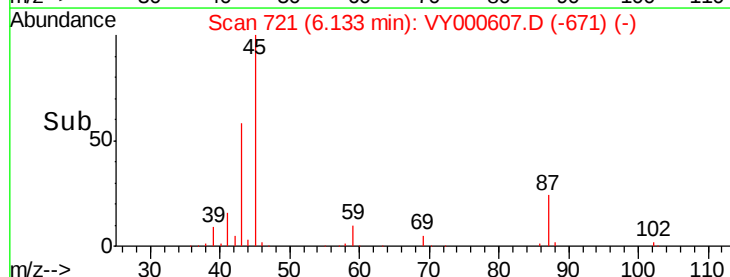
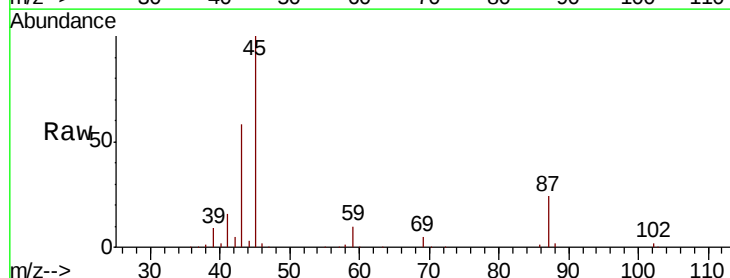
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

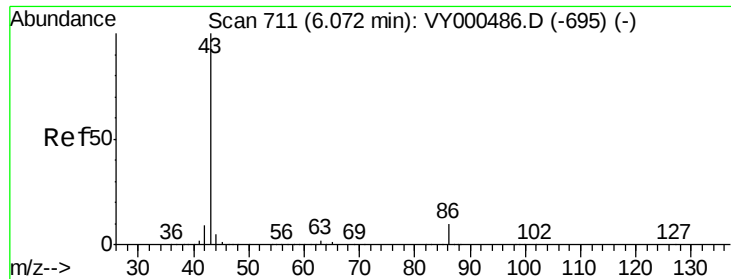
Tot Ion: 96 Resp: 59640
Ion Ratio Lower Upper
96 100
61 125.5 106.6 160.0
98 64.2 50.6 76.0



#22
Diisopropyl ether
Concen: 20.103 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 45 Resp: 197162
Ion Ratio Lower Upper
45 100
43 57.1 50.0 75.0
87 24.3 21.6 32.4
59 10.1 9.5 14.3





#23

Vinyl Acetate

Concen: 99.179 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

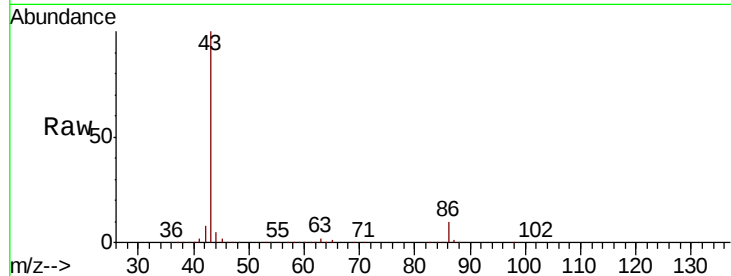
VY1108SBS01

Tot Ion: 43 Resp: 614022

Ion Ratio Lower Upper

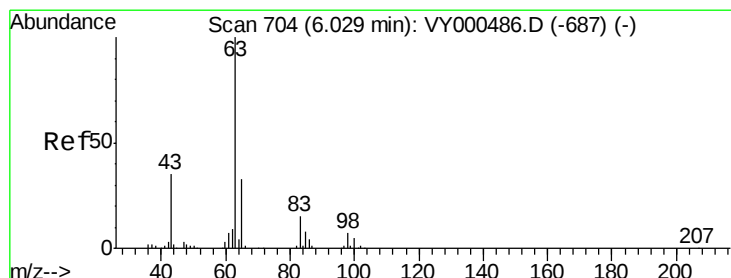
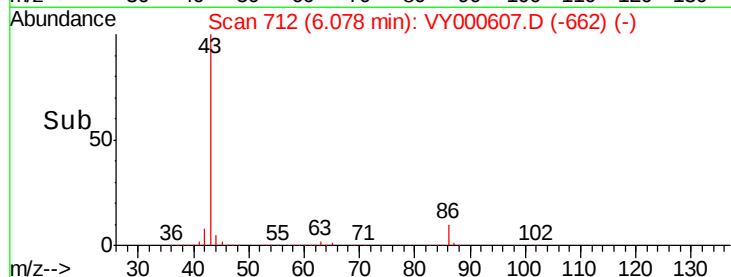
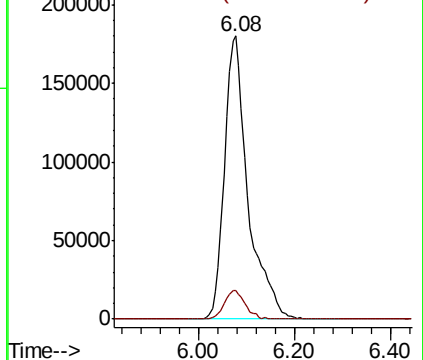
43 100

86 10.3 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: 19.830 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

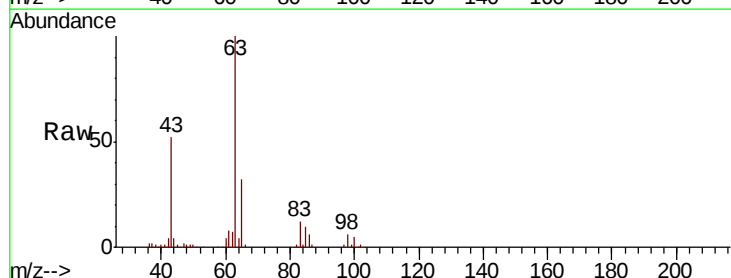
Tgt Ion: 63 Resp: 105360

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

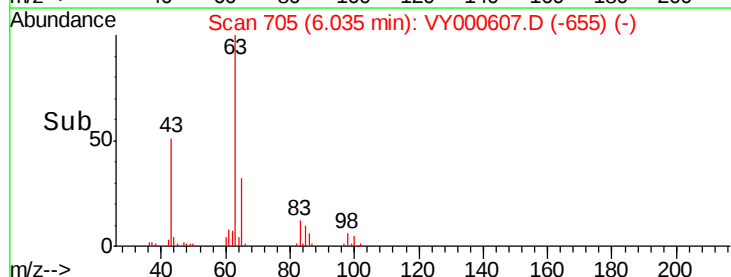
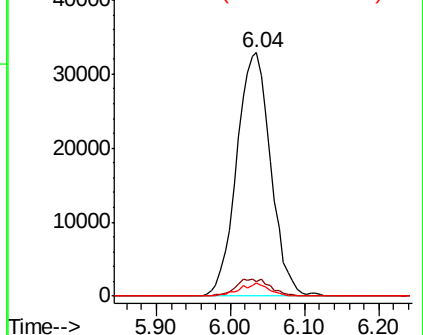
100 5.3 2.4 7.1

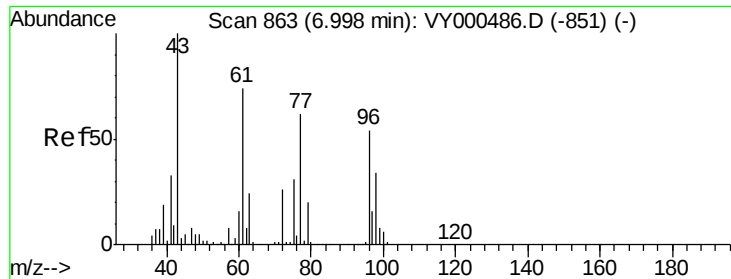


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 84.204 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

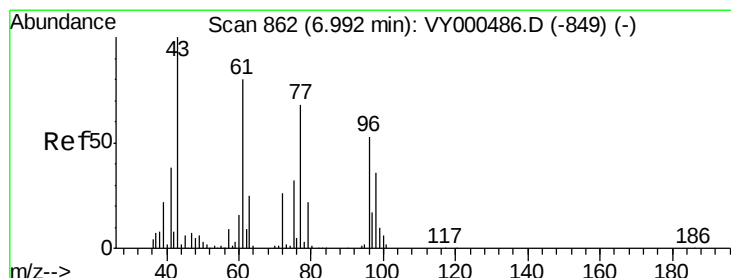
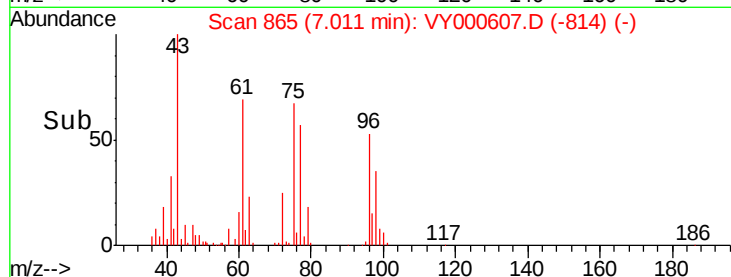
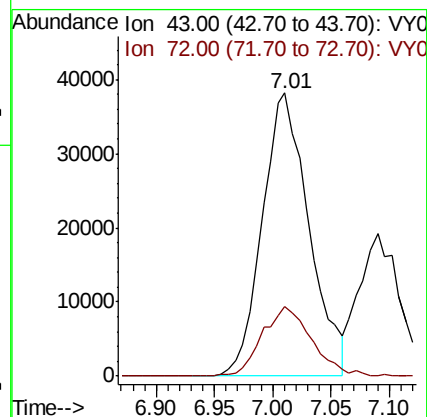
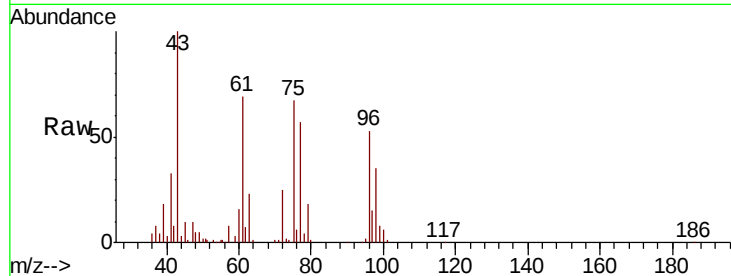
VY1108SBS01

Tot Ion: 43 Resp: 106481

Ion Ratio Lower Upper

43 100

72 24.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 19.601 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000607.D

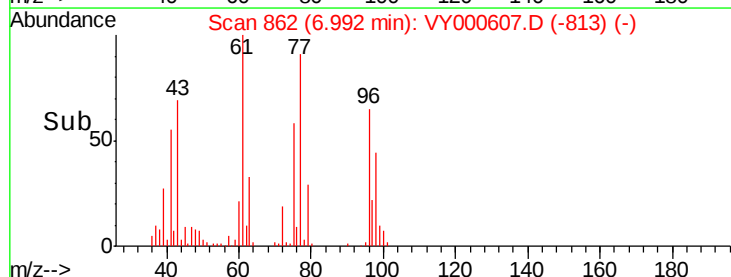
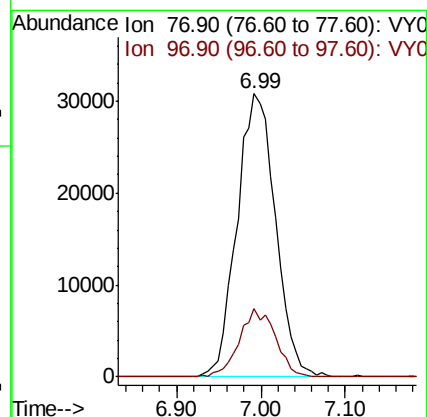
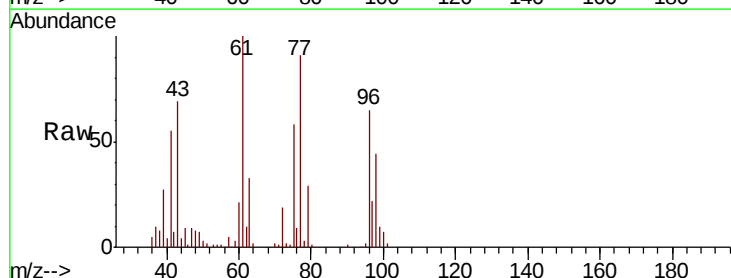
Acq: 08 Nov 2019 11:31

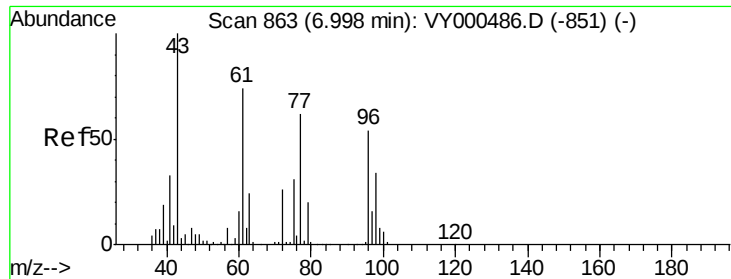
Tgt Ion: 77 Resp: 95174

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.4



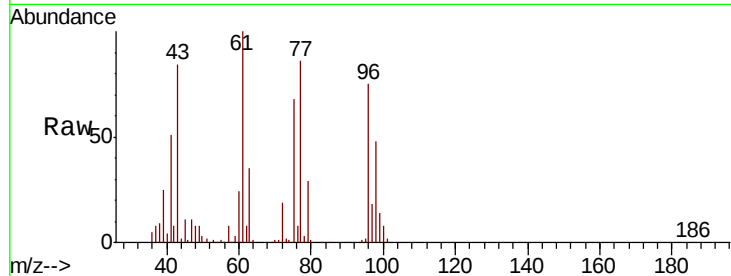


#27

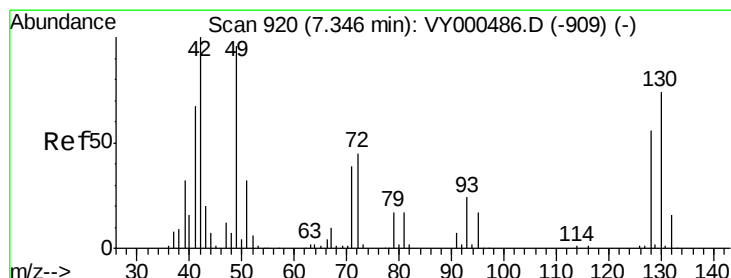
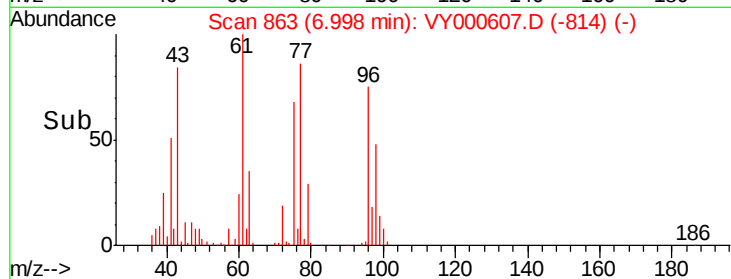
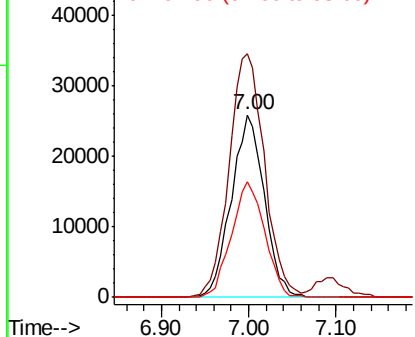
cis-1,2-Dichloroethene
Concen: 19.802 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 96 Resp: 67929
Ion Ratio Lower Upper
96 100
61 142.9 0.0 287.0
98 63.8 0.0 129.4



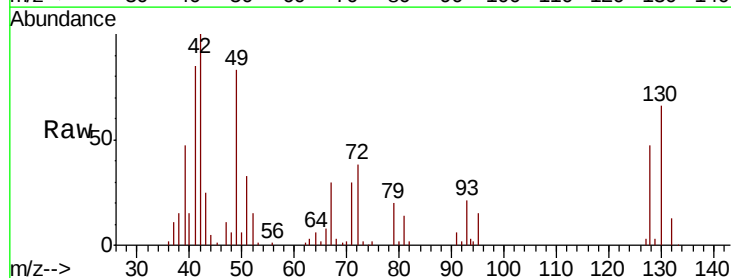
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



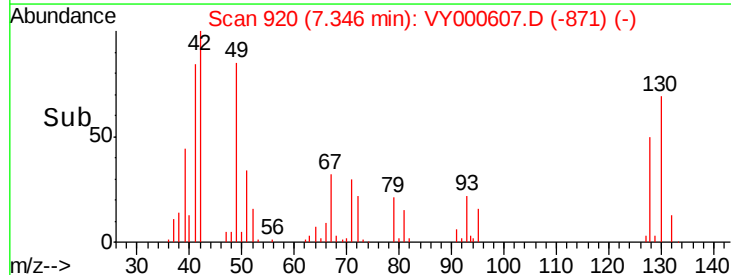
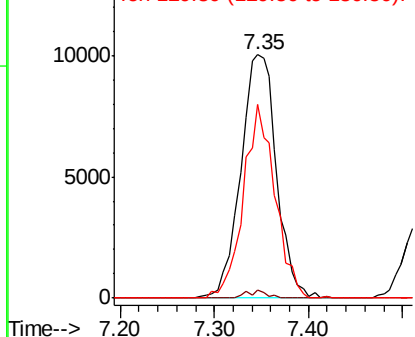
#28

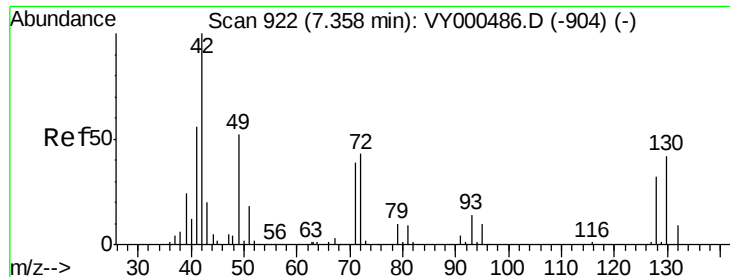
Bromochloromethane
Concen: 14.188 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 49 Resp: 26643
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 70.4 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: 92.942 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

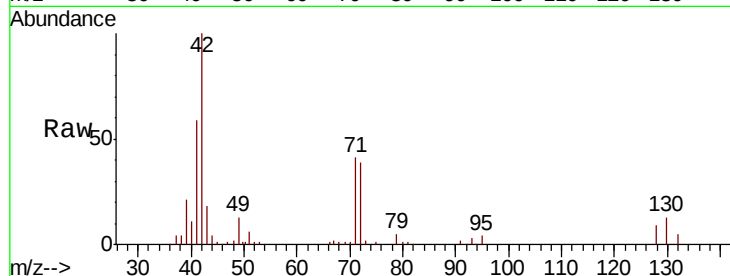
Tot Ion: 42 Resp: 71901

Ion Ratio Lower Upper

42 100

72 39.7 34.0 51.0

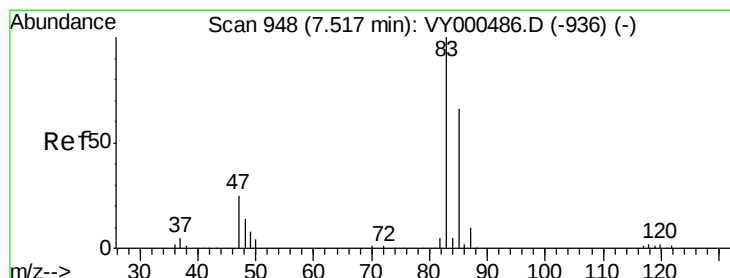
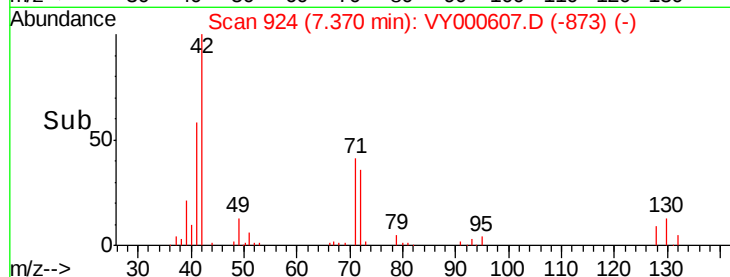
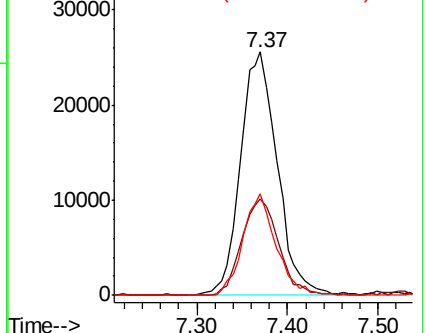
71 37.7 30.8 46.2



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: 19.560 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY000607.D

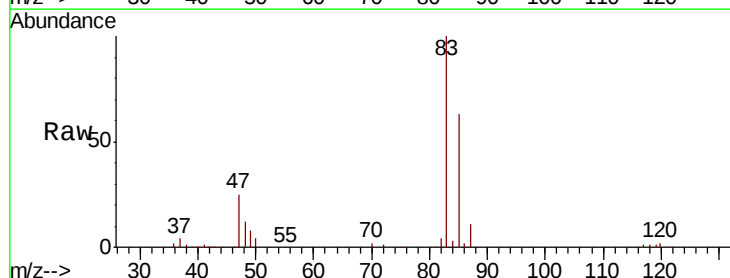
Acq: 08 Nov 2019 11:31

Tgt Ion: 83 Resp: 105131

Ion Ratio Lower Upper

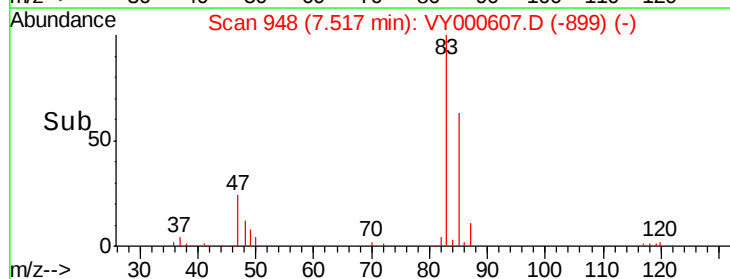
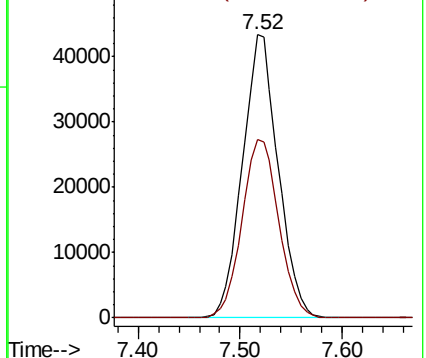
83 100

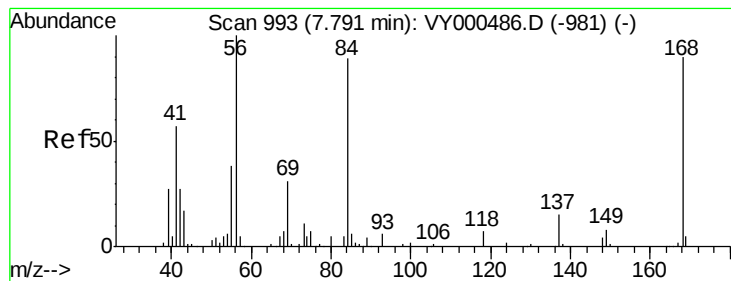
85 63.2 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 19.194 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

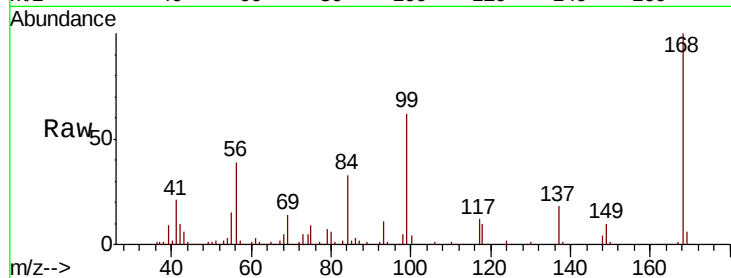
Tot Ion: 56 Resp: 106814

Ion Ratio Lower Upper

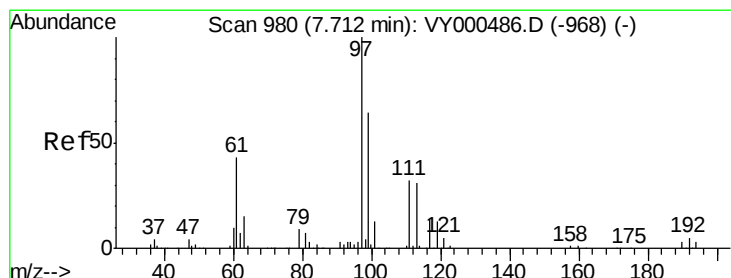
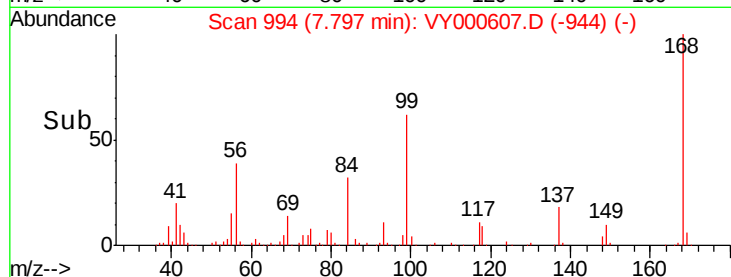
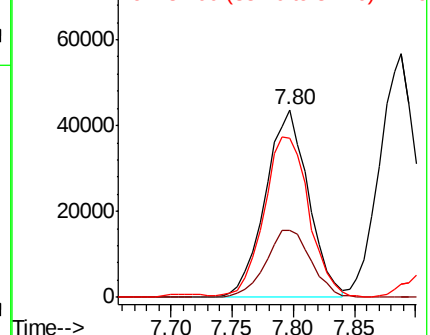
56 100

69 35.6 25.0 37.6

84 83.5 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: 19.100 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

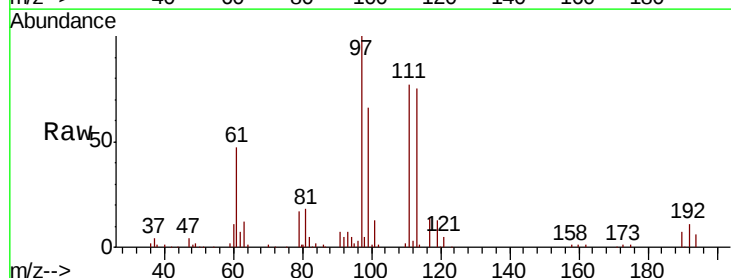
Tgt Ion: 97 Resp: 91492

Ion Ratio Lower Upper

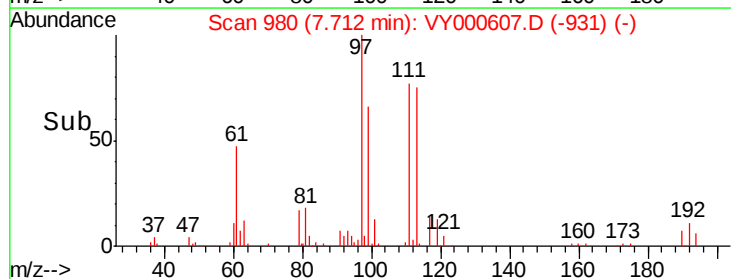
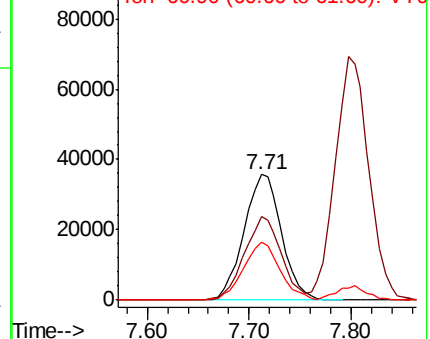
97 100

99 64.8 50.9 76.3

61 44.8 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

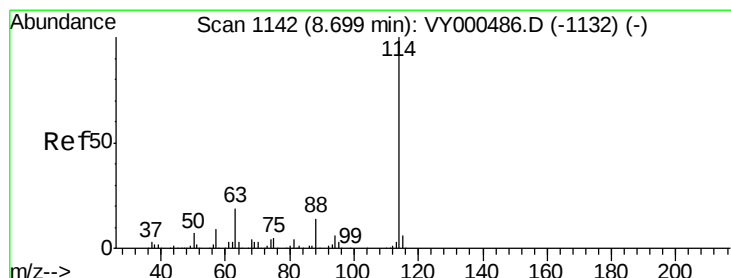
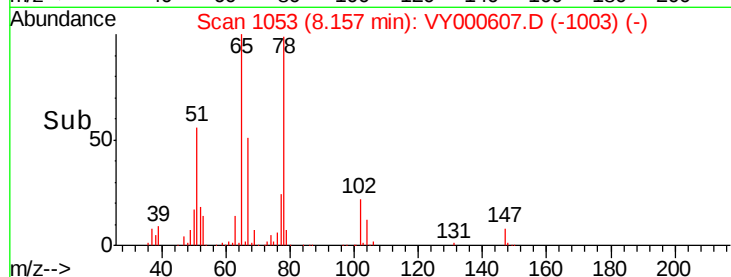
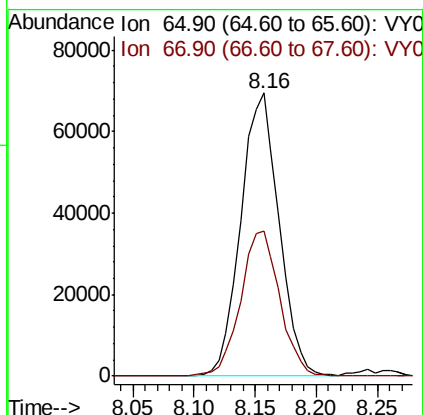
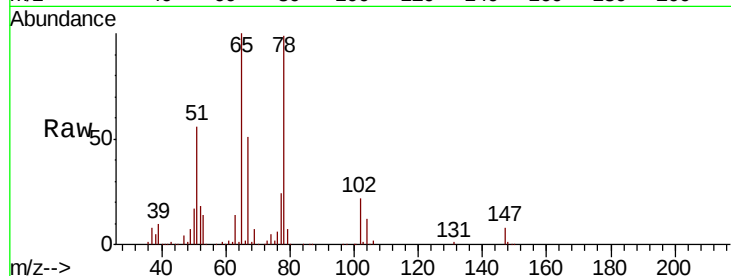




#33
 1,2-Dichloroethane-d4
 Concen: 52.544 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

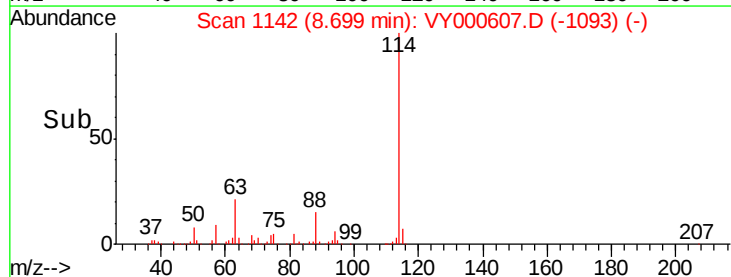
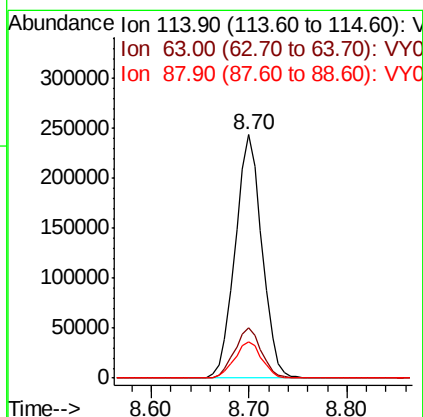
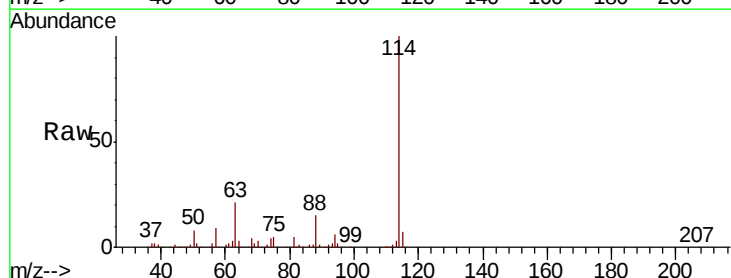
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

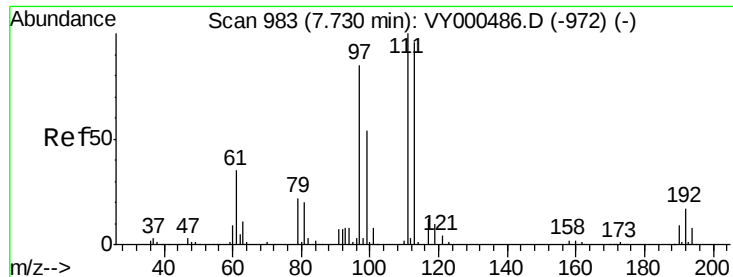
Tot Ion: 65 Resp: 151061
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 114 Resp: 460697
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.0
 88 15.1 0.0 28.6

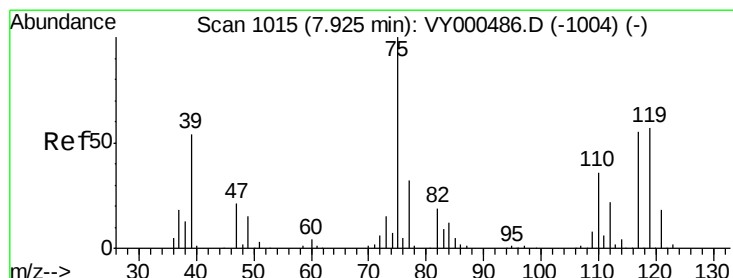
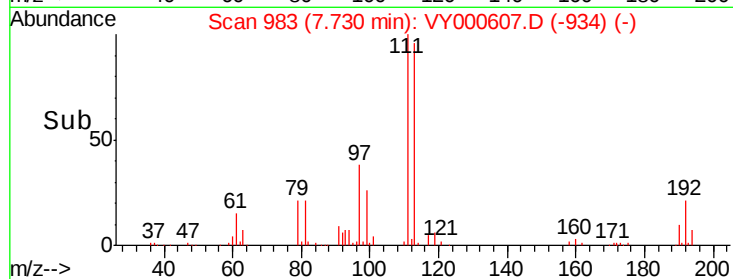
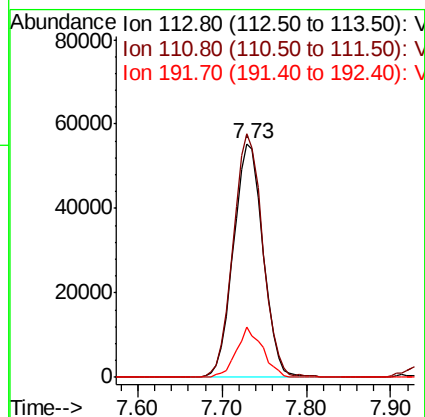
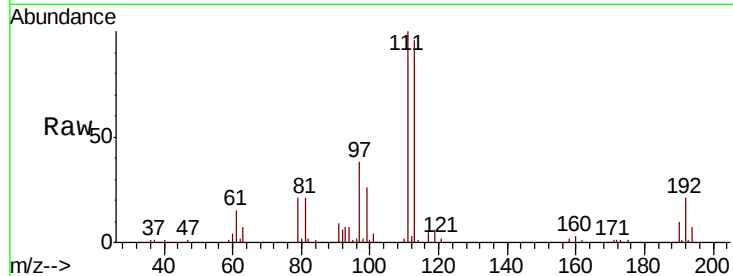




#35
 Dibromofluoromethane
 Concen: 48.555 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

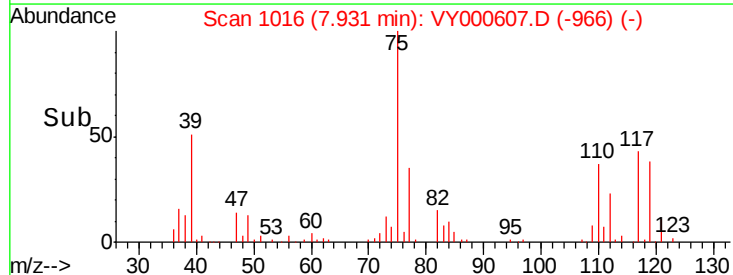
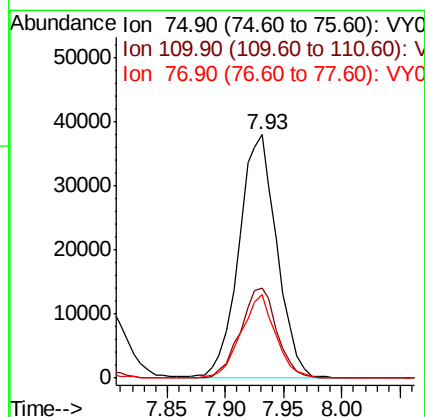
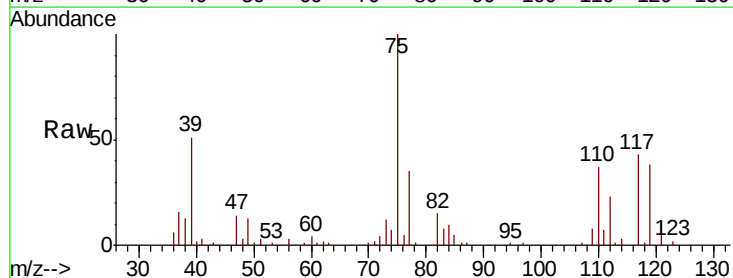
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

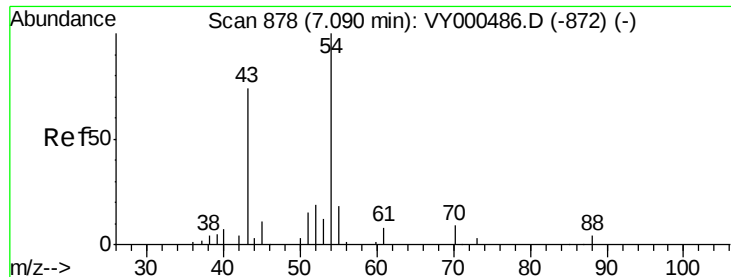
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	19.0	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 19.812 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.3	25.0	37.6

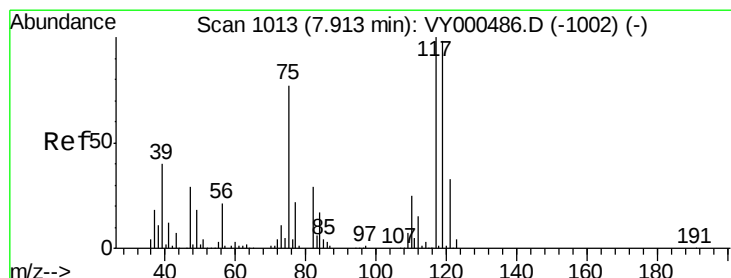
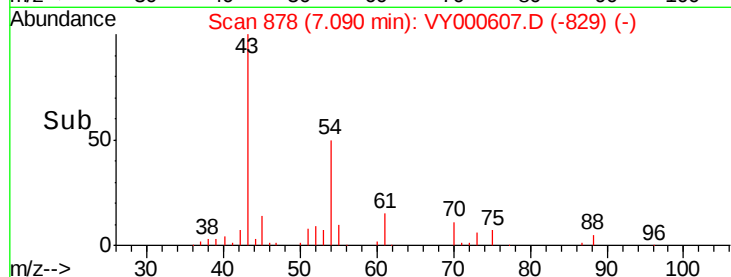
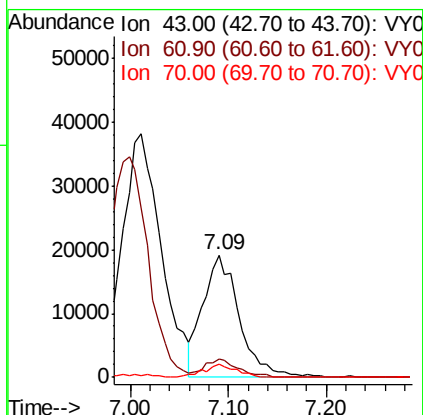
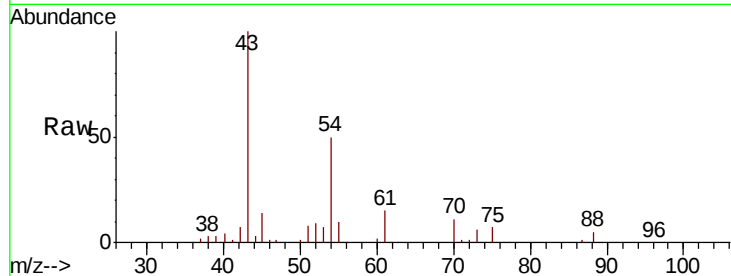




#37
Ethyl Acetate
Concen: 18.901 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

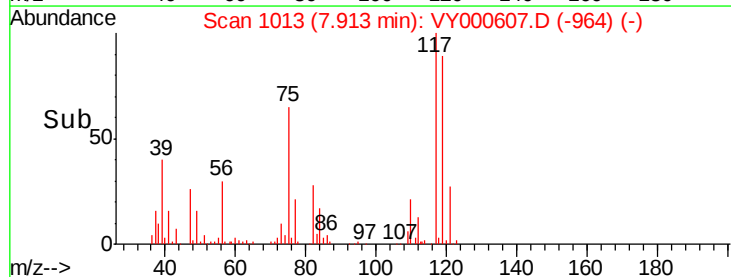
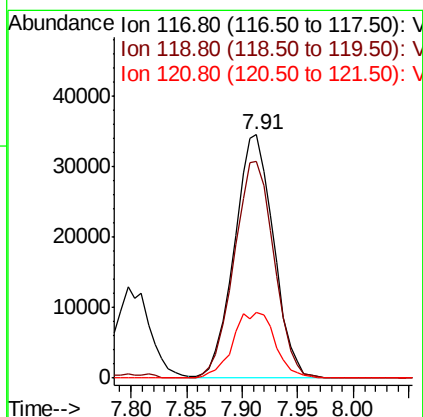
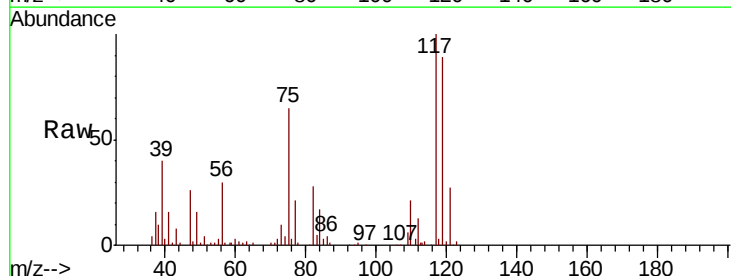
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 43 Resp: 48872
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.134 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 117 Resp: 84375
Ion Ratio Lower Upper
117 100
119 89.1 78.0 117.0
121 27.2 26.6 40.0

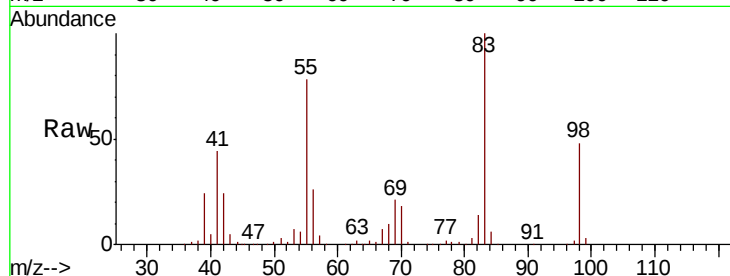




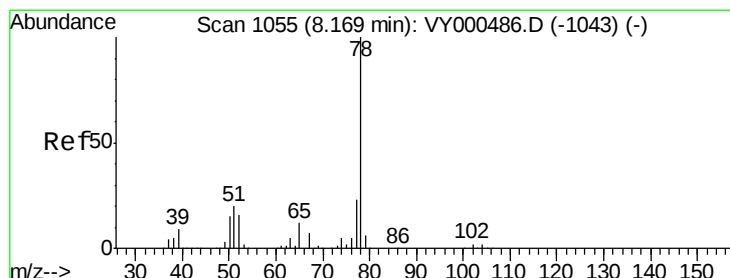
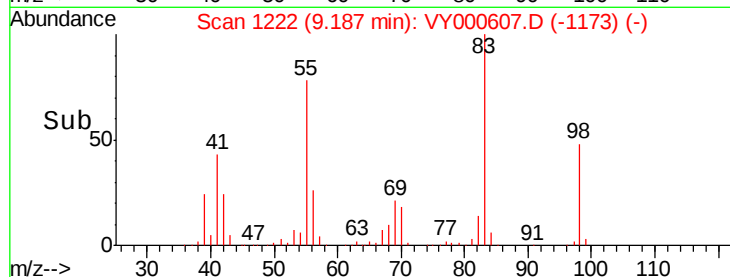
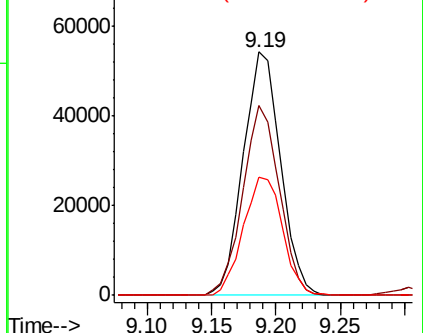
#39
Methvlcvclohexane
Concen: 19.365 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 83 Resp: 108961
Ion Ratio Lower Upper
83 100
55 78.2 57.5 86.3
98 48.3 38.0 57.0

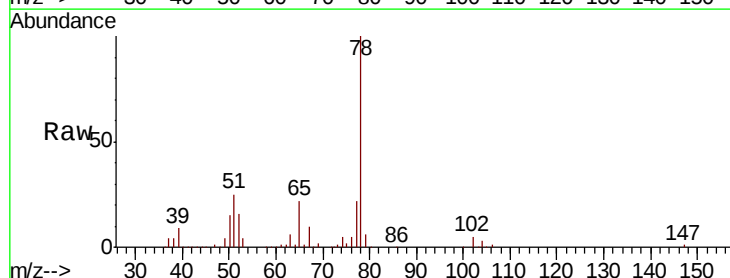


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

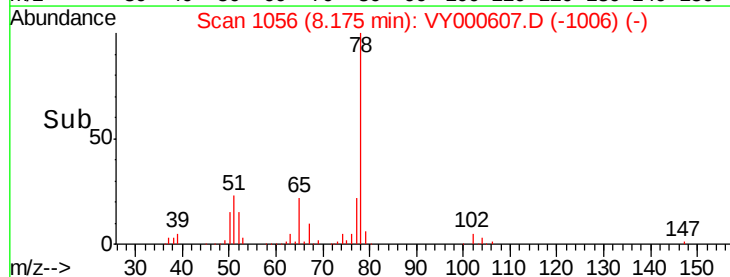
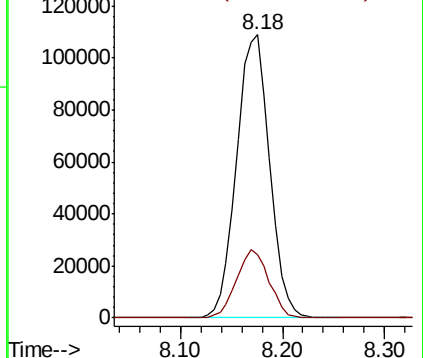


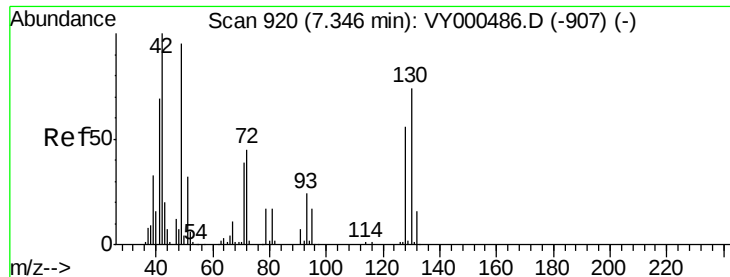
#40
Benzene
Concen: 19.180 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 78 Resp: 244897
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0



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

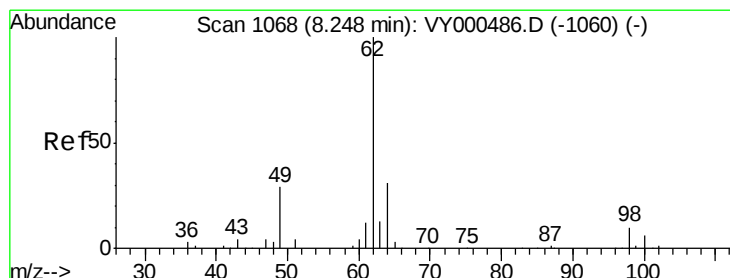
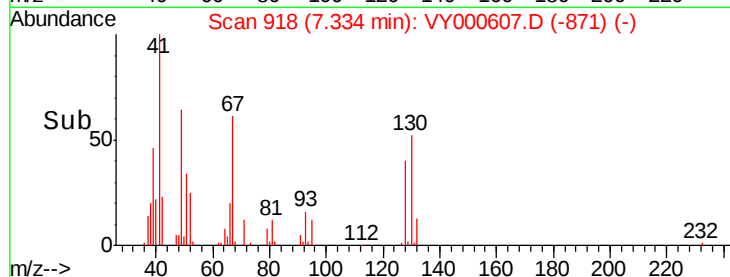
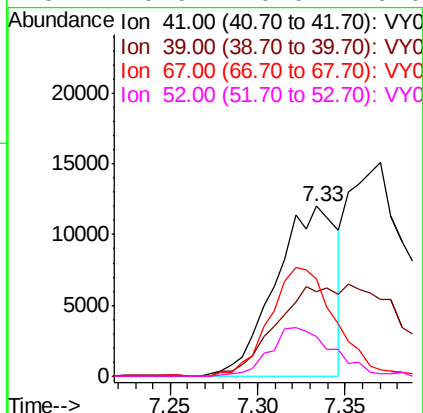
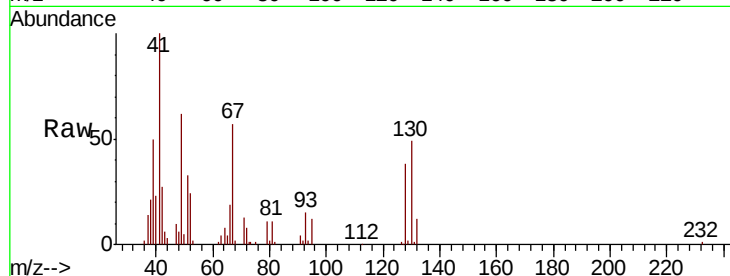




#41
Methacrylonitrile
Concen: 20.399 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

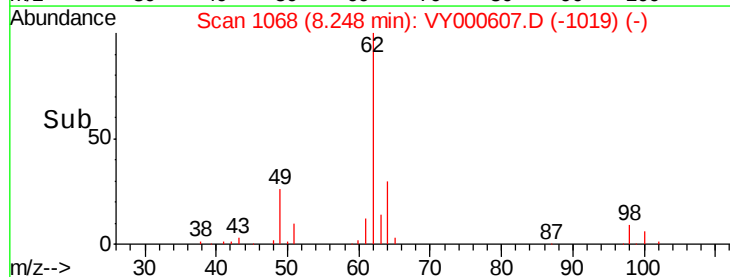
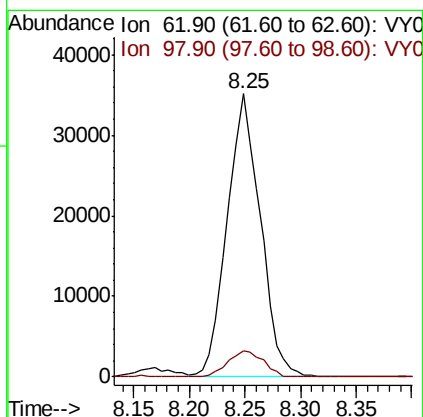
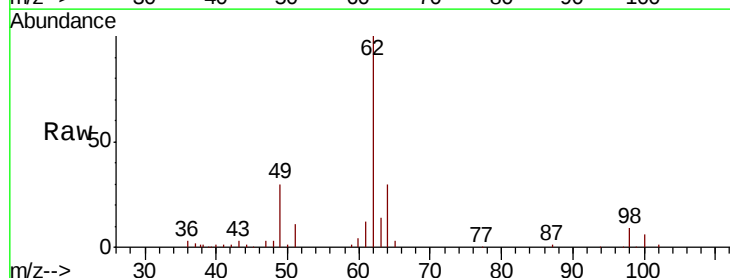
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

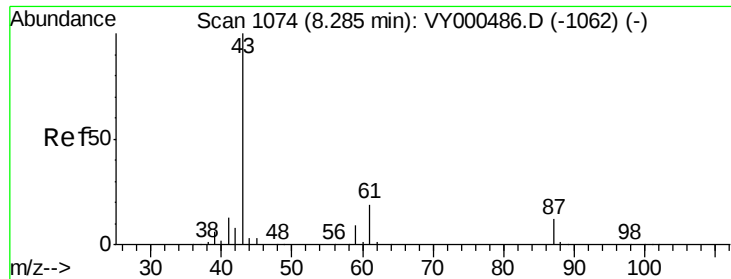
Tot Ion: 41 Resp: 29425
Ion Ratio Lower Upper
41 100
39 53.4 68.2 102.4#
67 68.2 0.0 0.0#
52 29.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.072 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 62 Resp: 72690
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.885 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

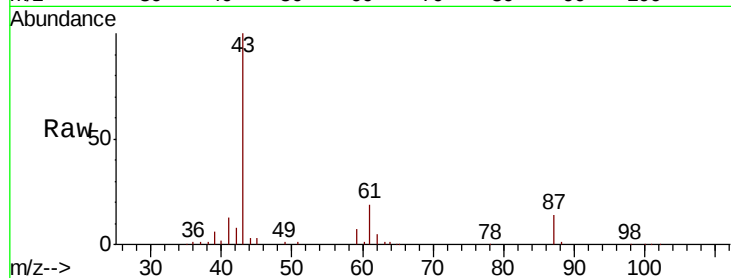
Tot Ion: 43 Resp: 96585

Ion Ratio Lower Upper

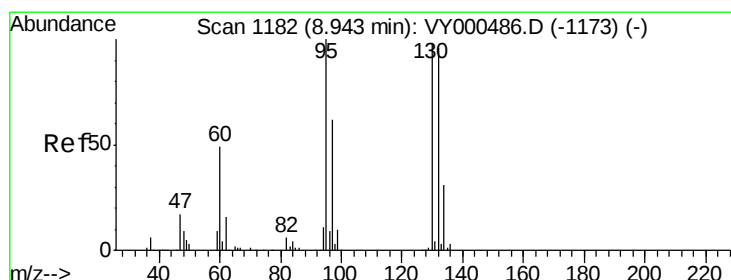
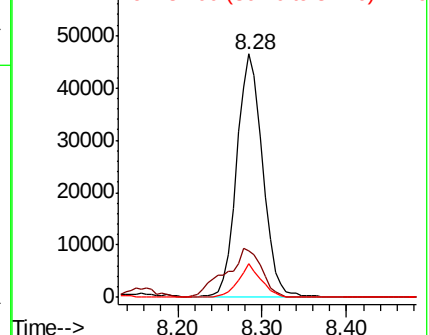
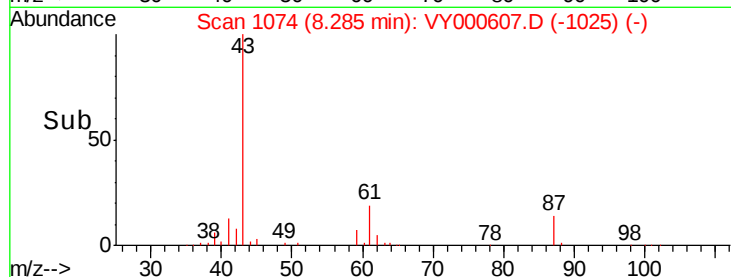
43 100

61 28.0 23.0 34.4

87 12.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000607.D (-1025) (-)



#44

Trichloroethene

Concen: 19.467 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000607.D

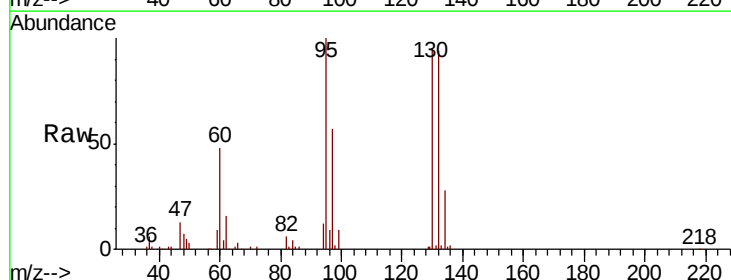
Acq: 08 Nov 2019 11:31

Tgt Ion:130 Resp: 65538

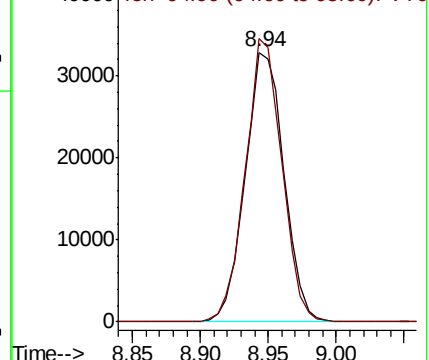
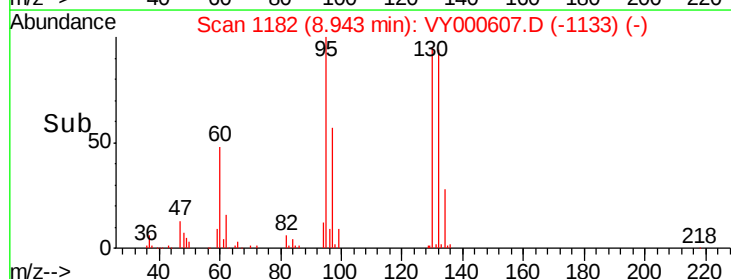
Ion Ratio Lower Upper

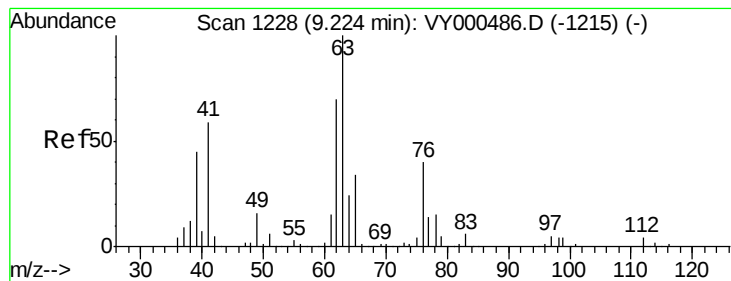
130 100

95 104.9 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000607.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 19.519 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

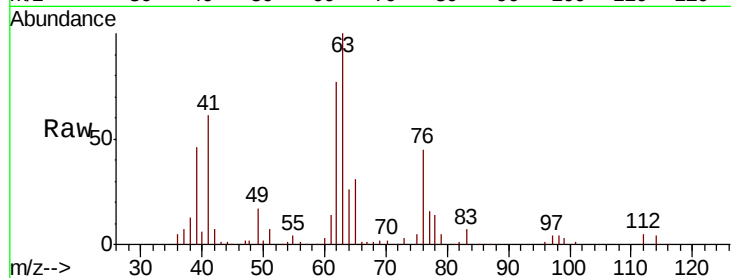
VY1108SBS01

Tot Ion: 63 Resp: 61341

Ion Ratio Lower Upper

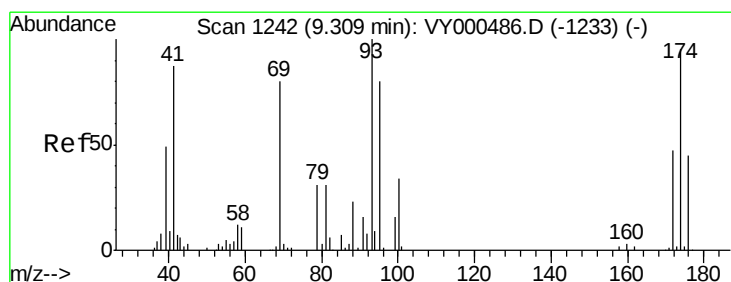
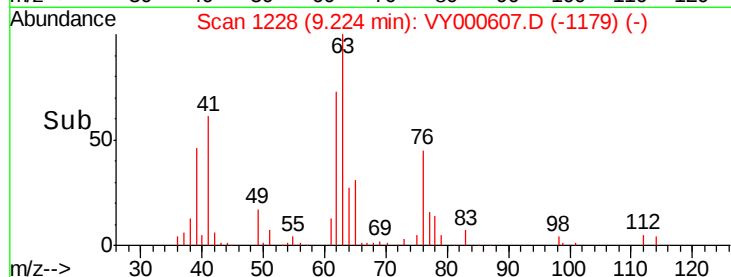
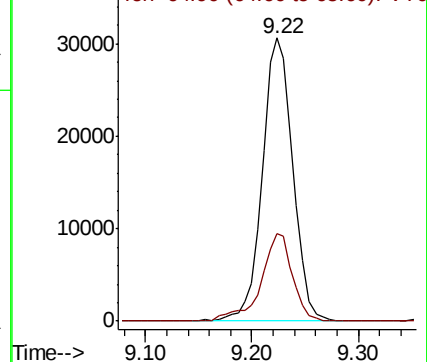
63 100

65 31.1 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.376 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

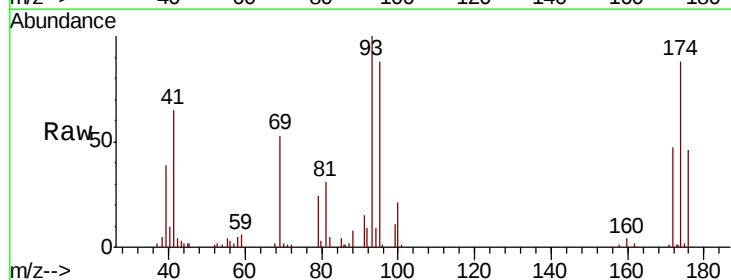
Tgt Ion: 93 Resp: 33488

Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

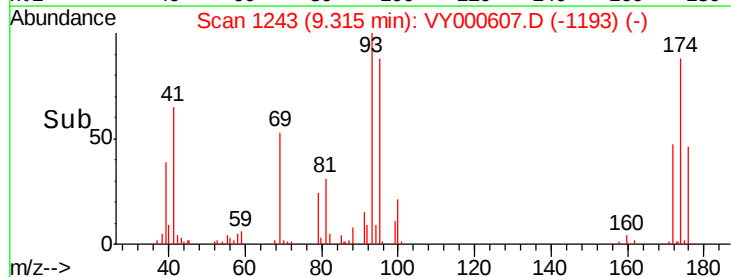
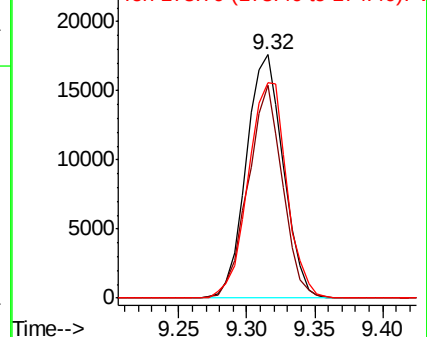
174 92.5 77.1 115.7

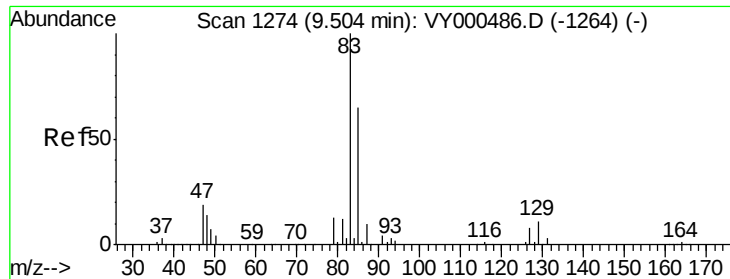


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.304 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

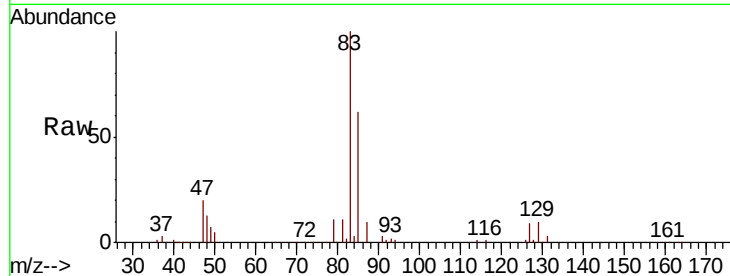
Tot Ion: 83 Resp: 79163

Ion Ratio Lower Upper

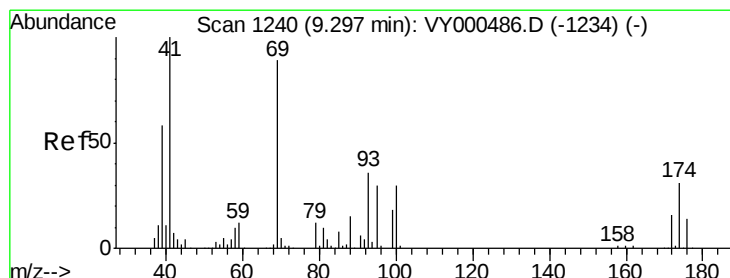
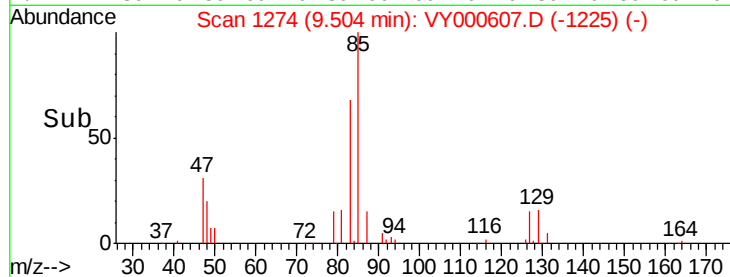
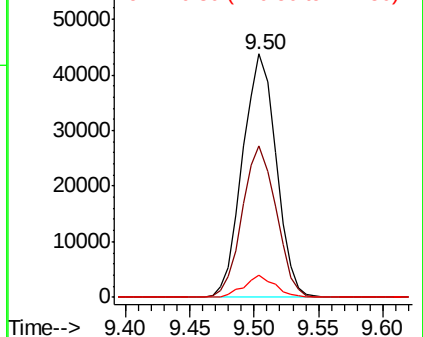
83 100

85 62.1 51.8 77.8

127 9.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.435 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

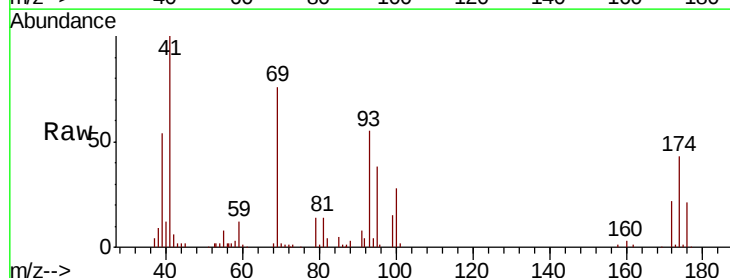
Tgt Ion: 41 Resp: 41245

Ion Ratio Lower Upper

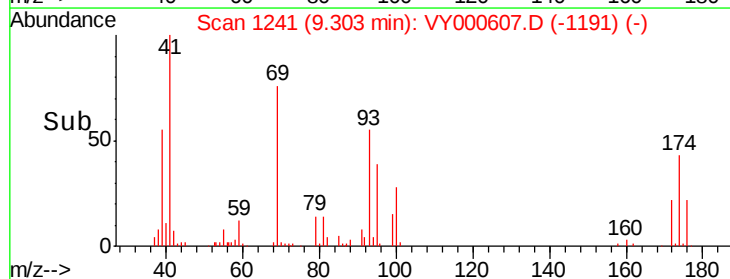
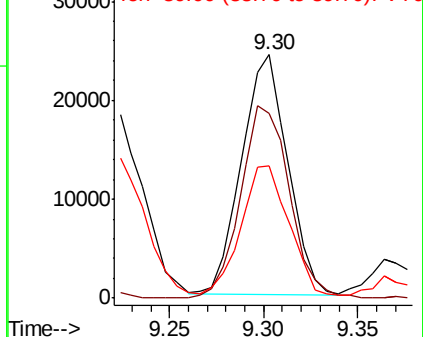
41 100

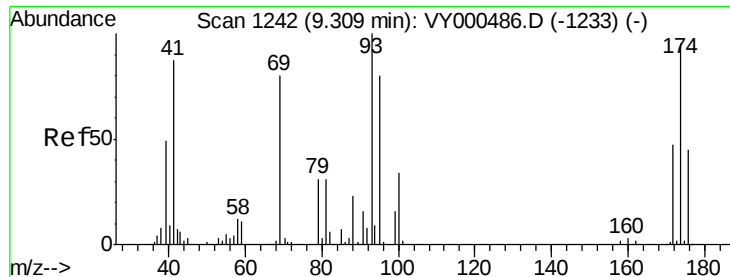
69 84.9 72.5 108.7

39 58.6 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

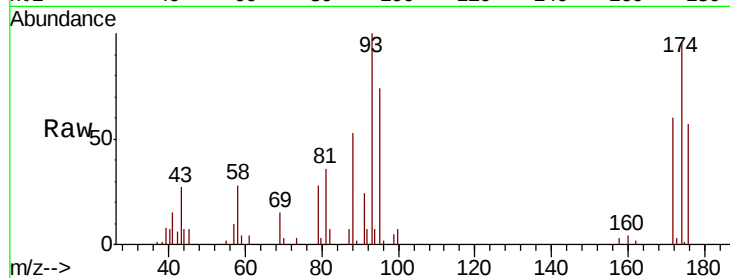




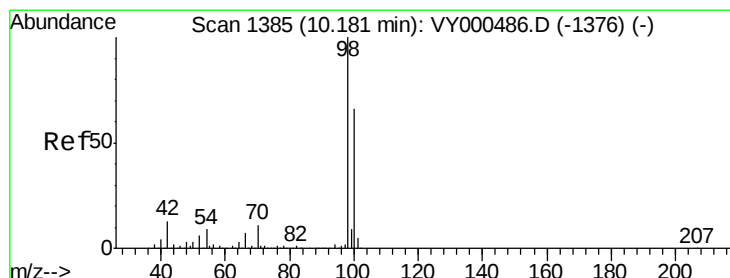
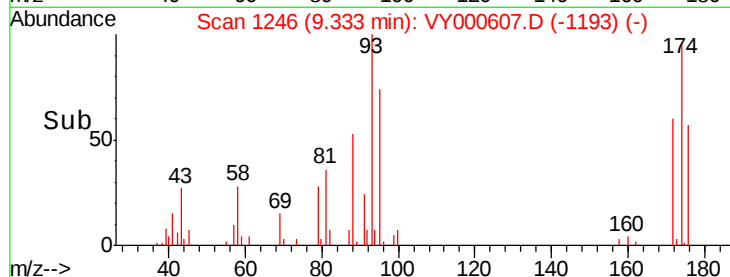
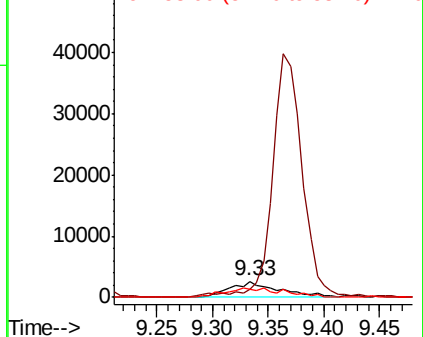
#49
 1,4-Dioxane
 Concen: 344.366 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.02 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 88 Resp: 8010
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.1 37.7#
 58 50.9 50.6 75.8

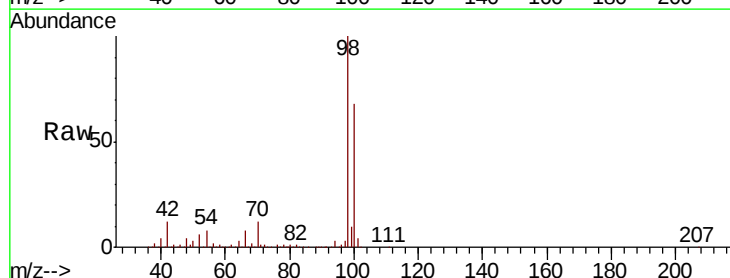


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

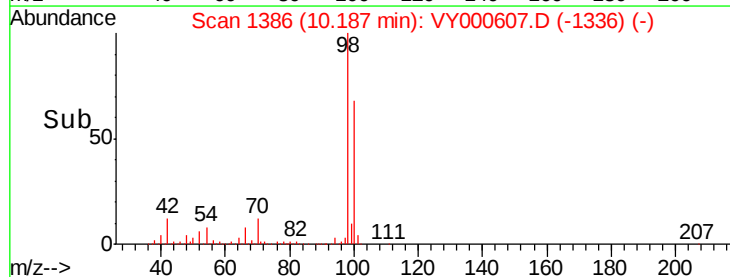
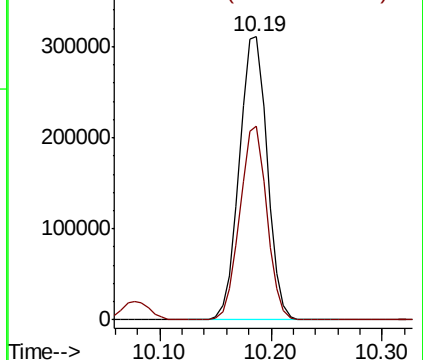


#50
 Toluene-d8
 Concen: 52.575 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 98 Resp: 539550
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.9 79.3



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

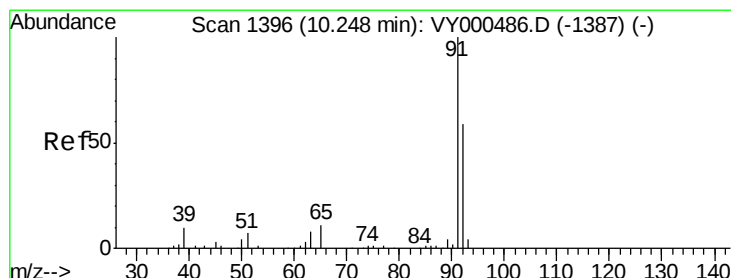
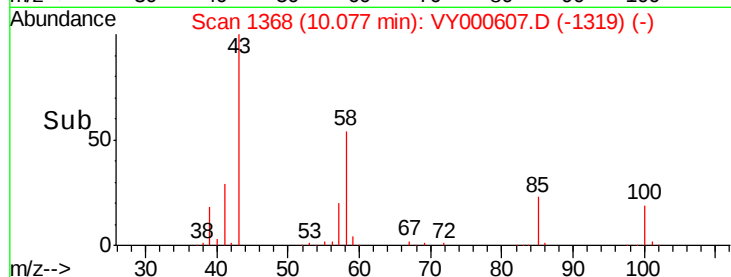
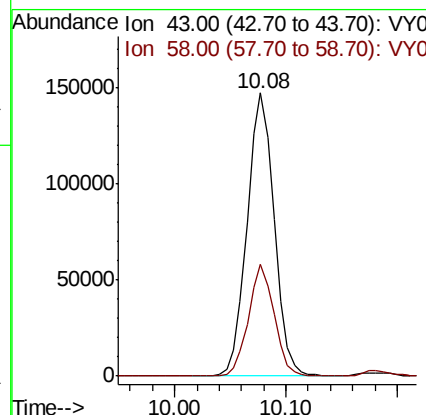
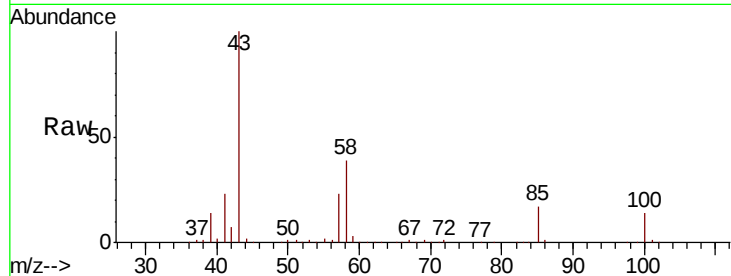




#51
4-Methyl-2-Pentanone
Concen: 96.293 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

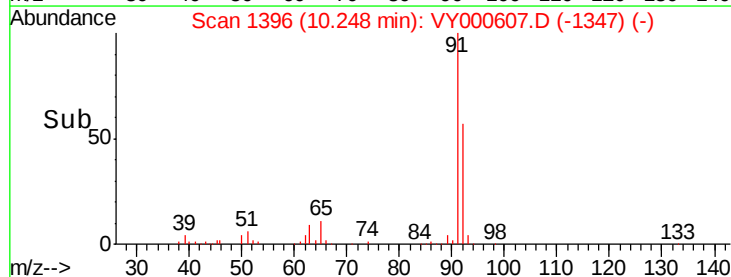
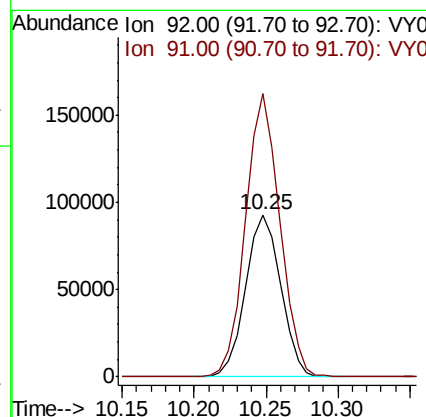
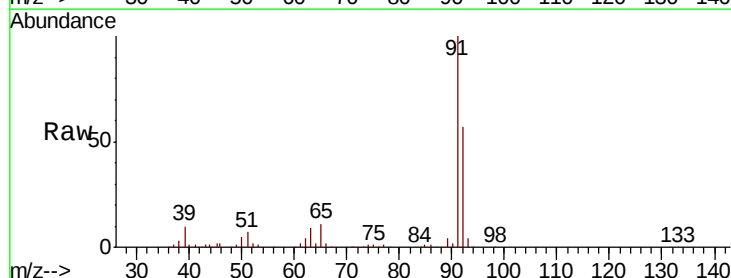
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

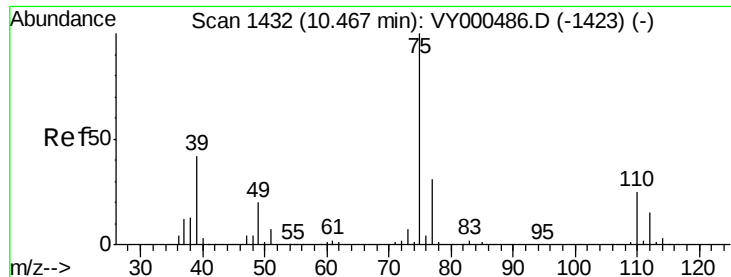
Tot Ion: 43 Resp: 248674
Ion Ratio Lower Upper
43 100
58 37.4 30.2 45.4



#52
Toluene
Concen: 19.440 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 92 Resp: 156936
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.047 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

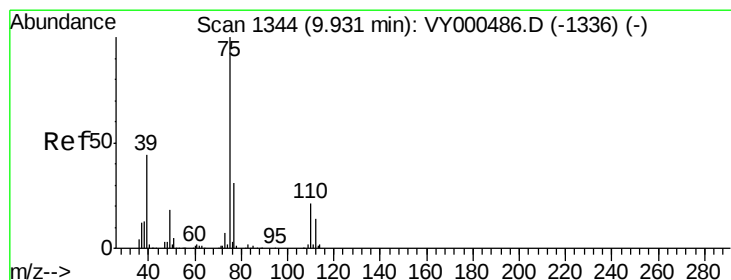
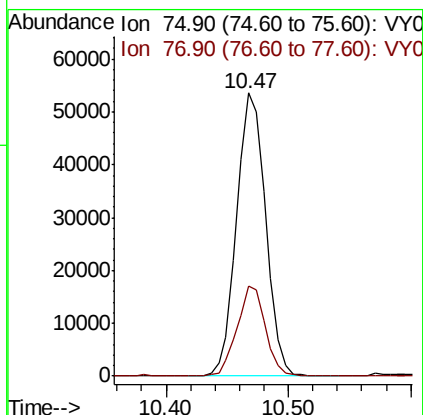
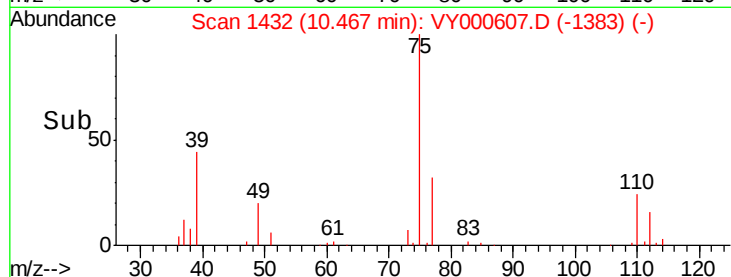
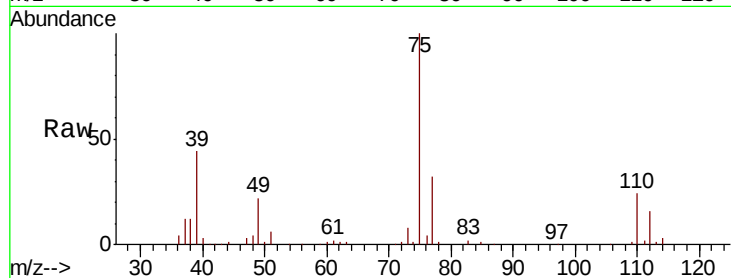
VY1108SBS01

Tot Ion: 75 Resp: 87842

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.487 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

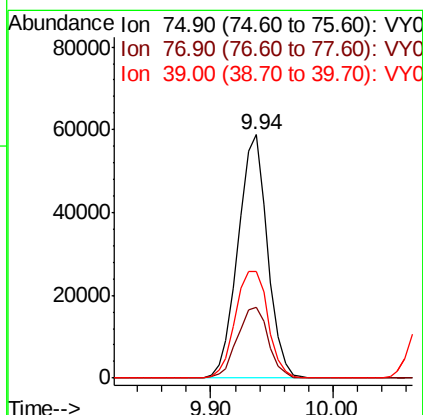
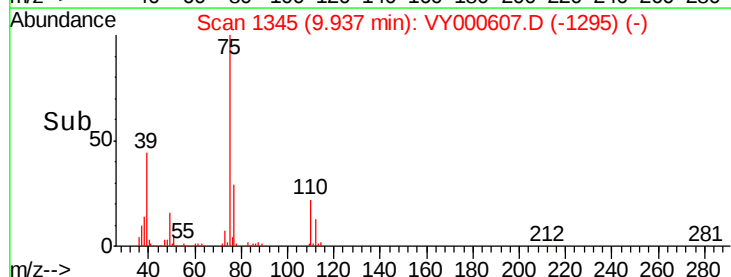
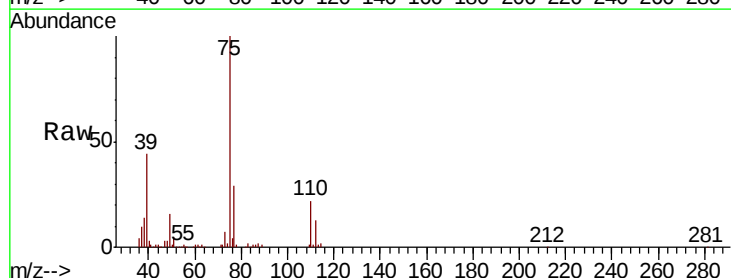
Tgt Ion: 75 Resp: 97820

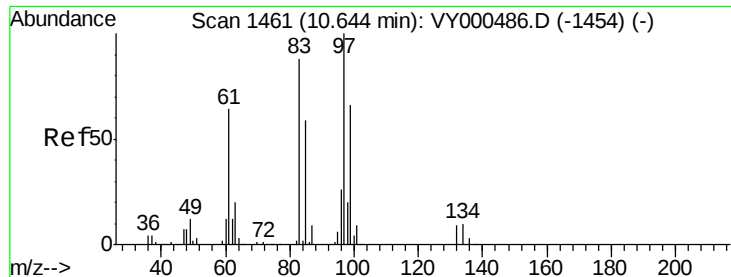
Ion Ratio Lower Upper

75 100

77 28.8 24.5 36.7

39 43.8 35.4 53.2

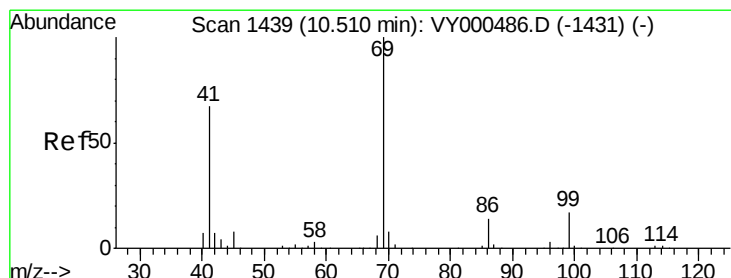
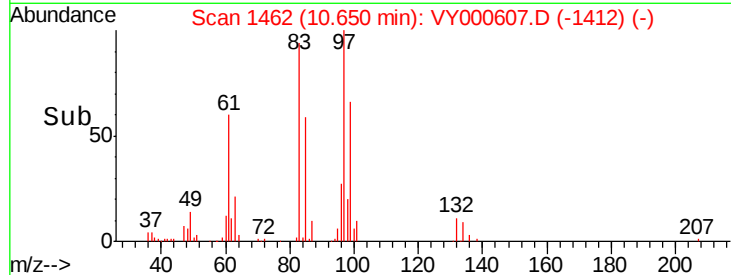
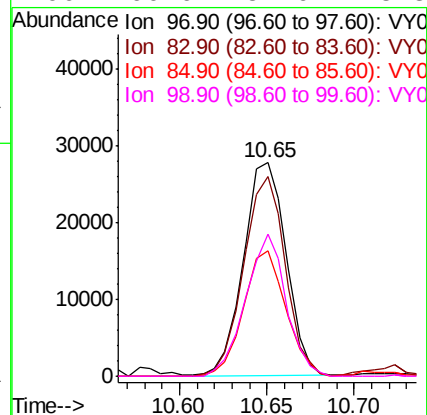
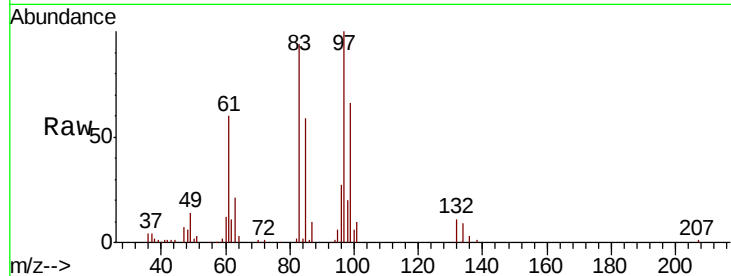




#55
 1,1,2-Trichloroethane
 Concen: 18.859 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

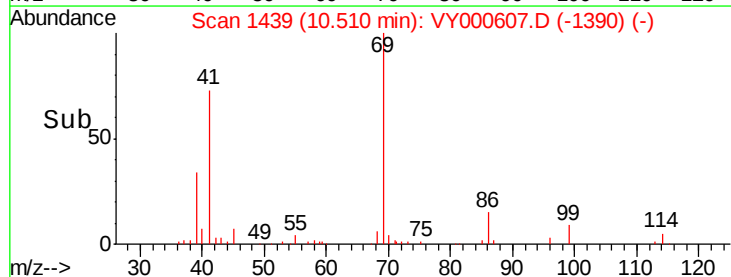
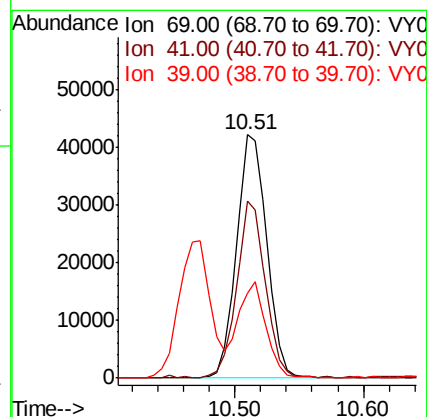
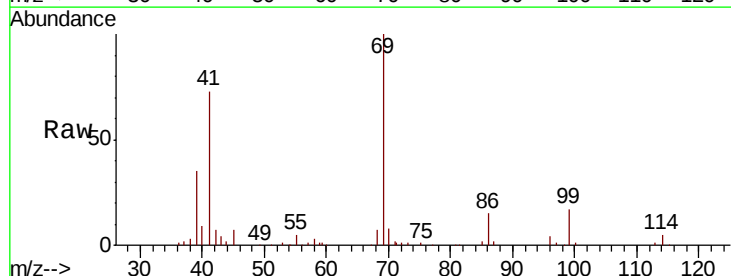
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

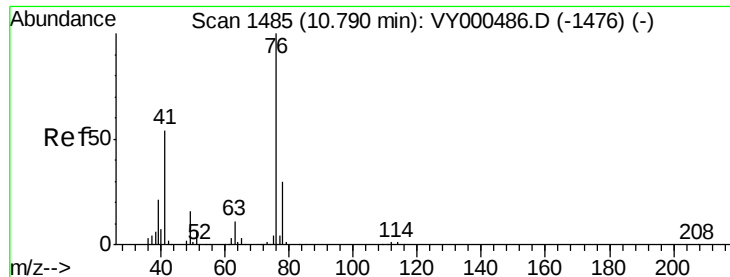
Tot Ion: 97 Resp: 47144
 Ion Ratio Lower Upper
 97 100
 83 94.2 70.2 105.4
 85 58.8 46.9 70.3
 99 66.6 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 19.386 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 69 Resp: 68685
 Ion Ratio Lower Upper
 69 100
 41 68.9 53.3 79.9
 39 36.7 28.0 42.0





#57

1,3-Dichloropropane

Concen: 19.740 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

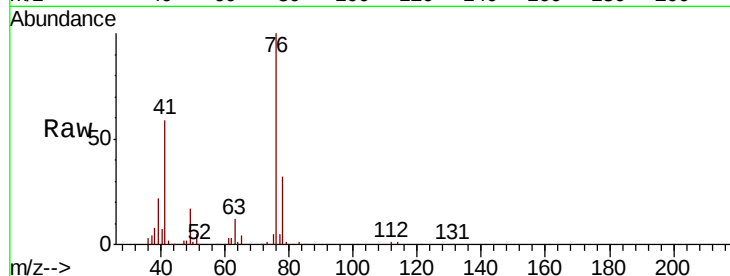
VY1108SBS01

Tot Ion: 76 Resp: 86364

Ion Ratio Lower Upper

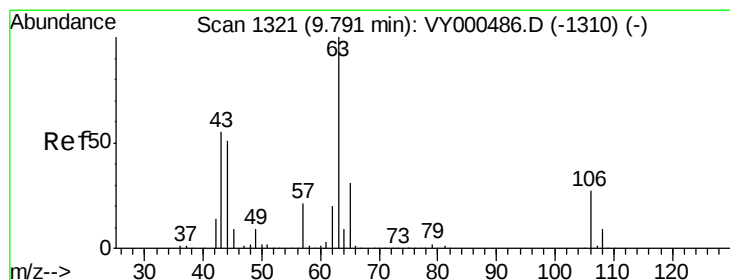
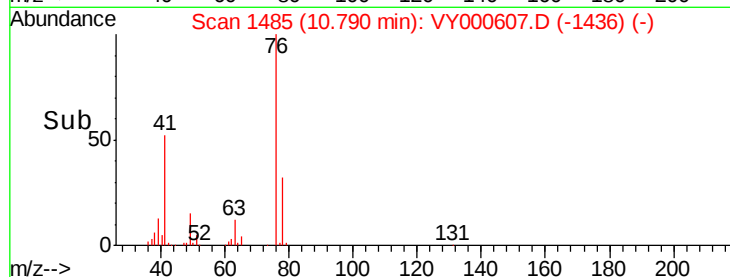
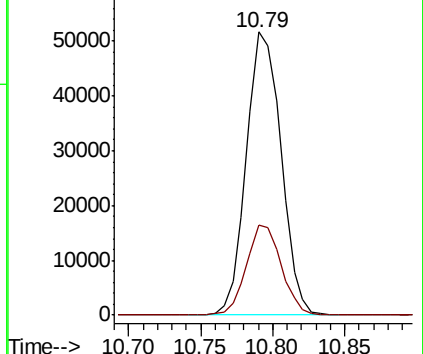
76 100

78 31.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 102.791 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000607.D

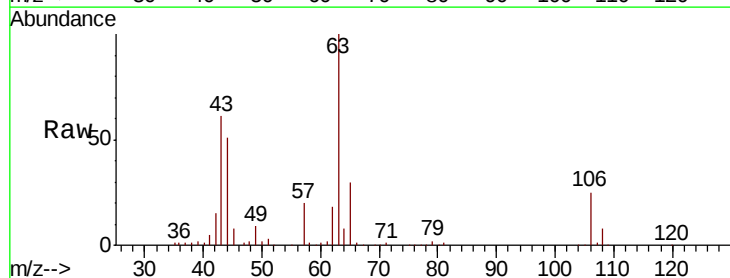
Acq: 08 Nov 2019 11:31

Tgt Ion: 63 Resp: 164645

Ion Ratio Lower Upper

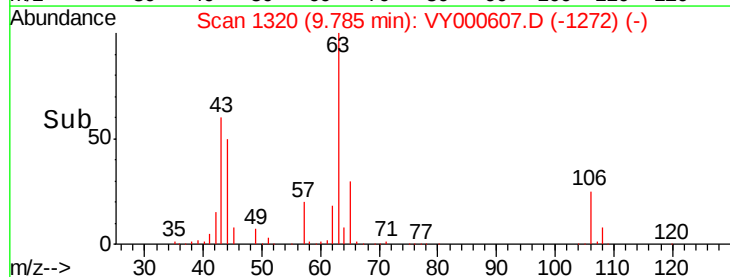
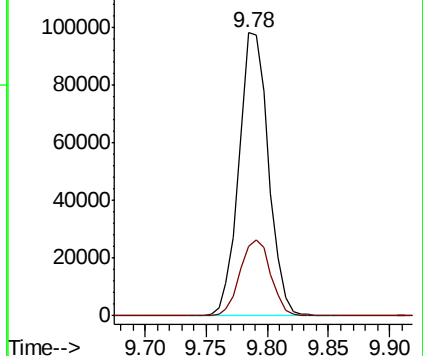
63 100

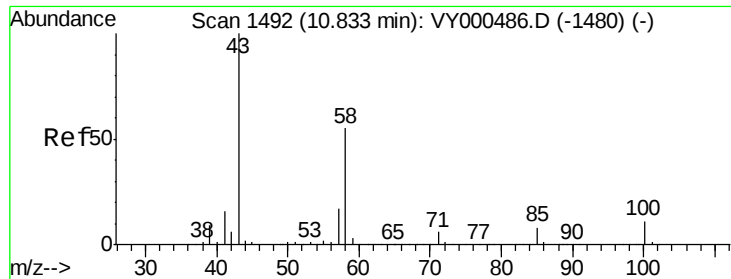
106 27.9 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

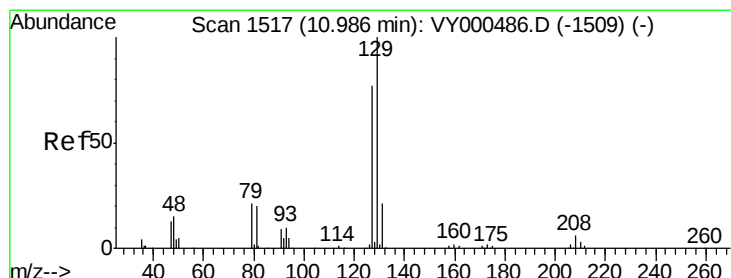
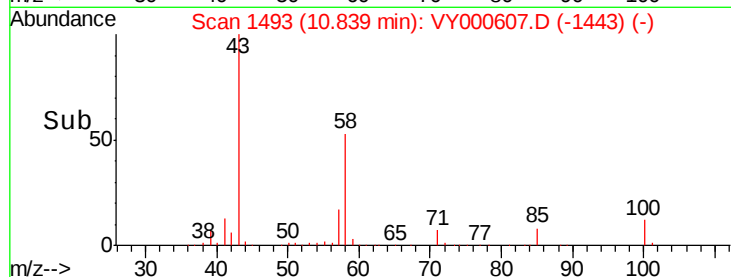
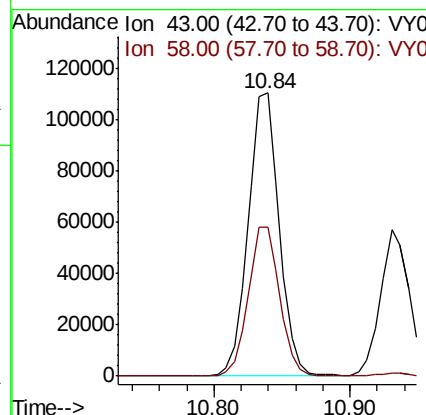
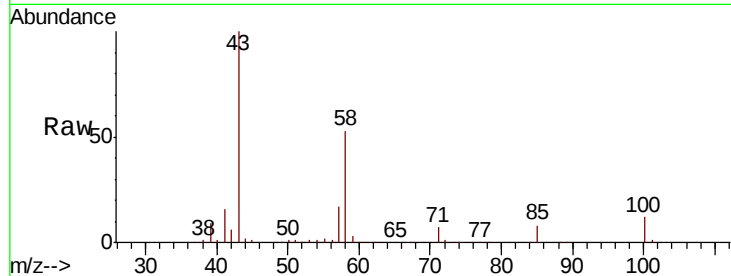




#59
2-Hexanone
Concen: 93.271 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

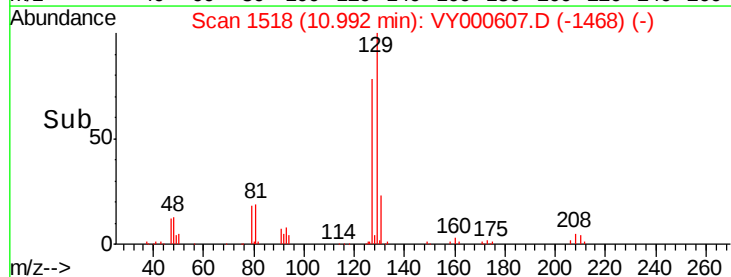
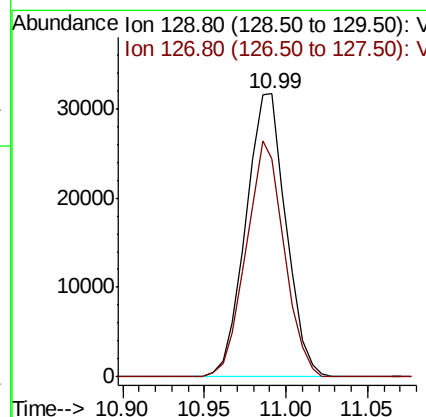
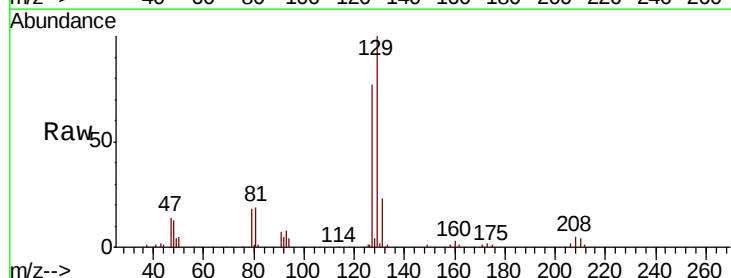
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

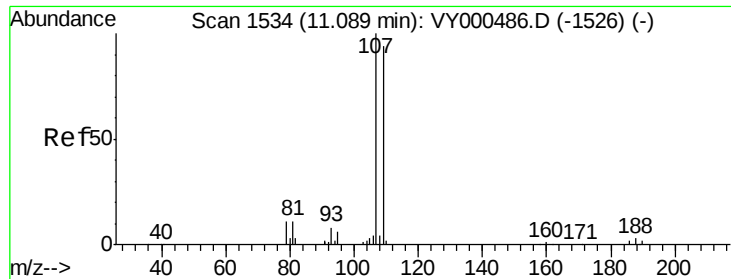
Tot Ion: 43 Resp: 175497
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 129 Resp: 54220
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2

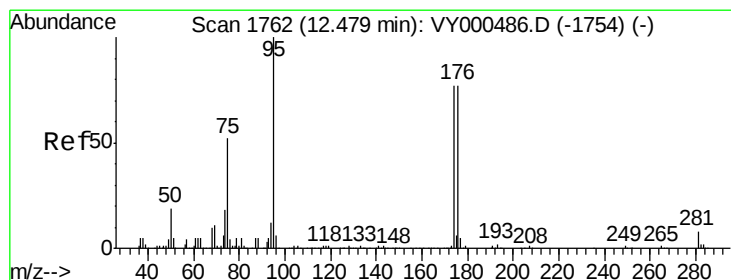
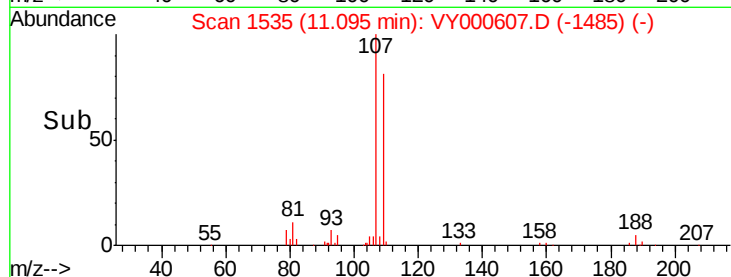
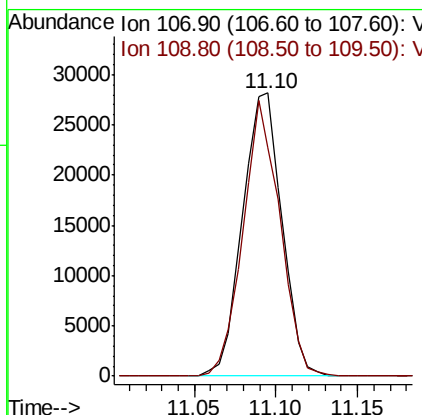
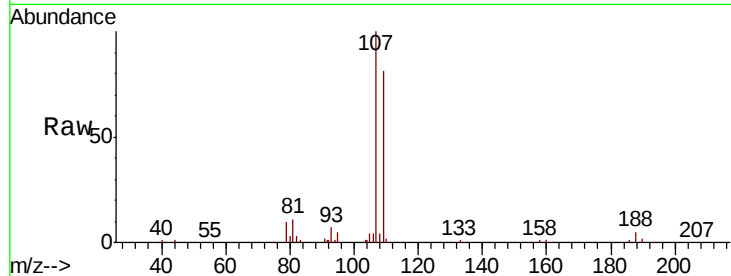




#61
 1,2-Dibromoethane
 Concen: 19.754 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

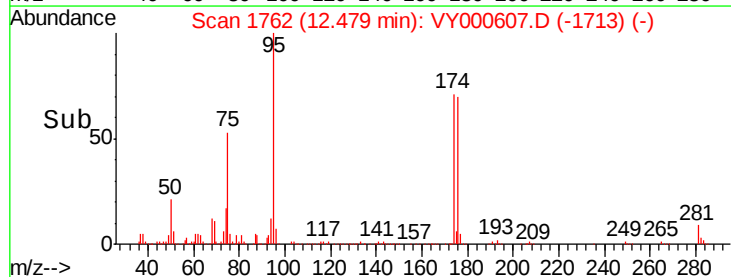
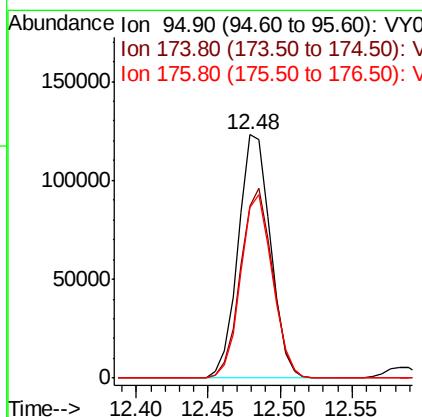
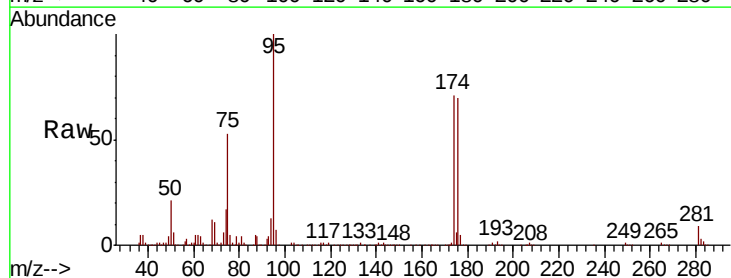
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 107 Resp: 47480
 Ion Ratio Lower Upper
 107 100
 109 91.0 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 49.120 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 95 Resp: 191906
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 161.6
 176 73.8 0.0 157.8

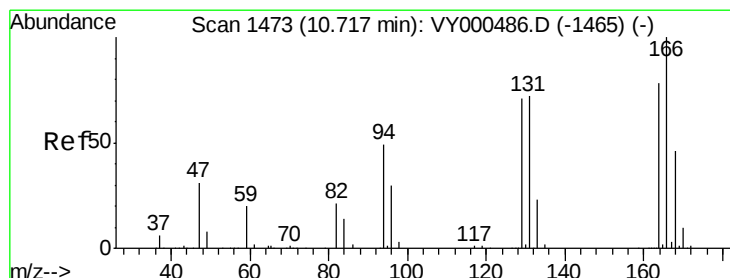
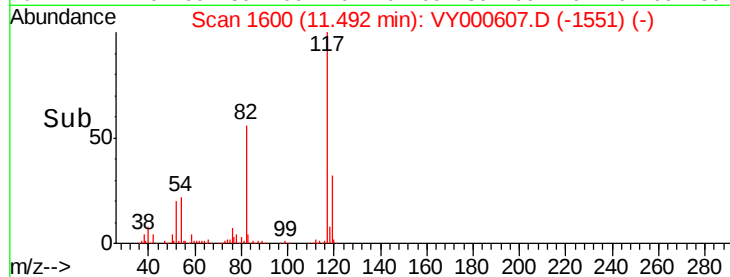
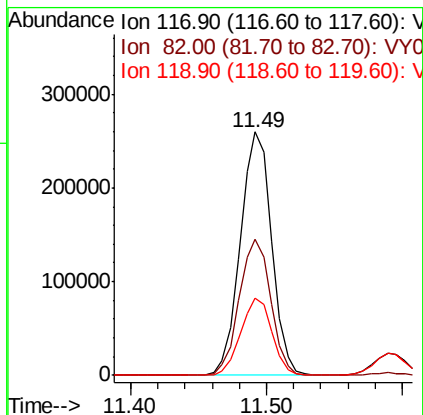
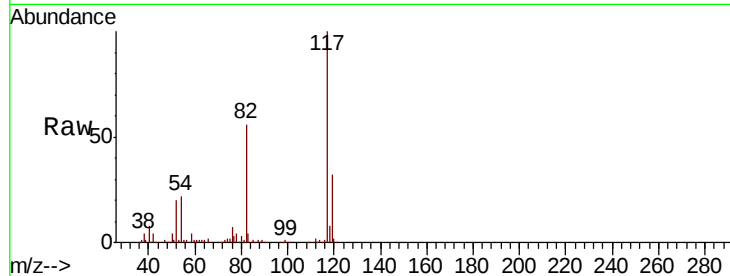




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

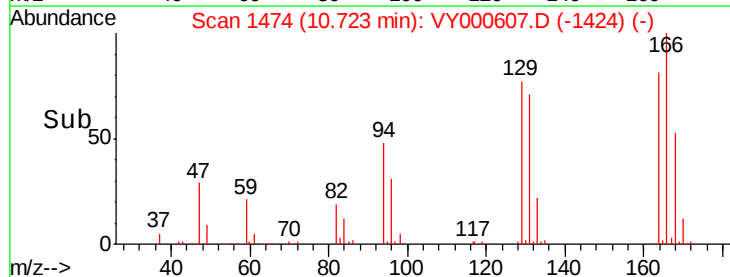
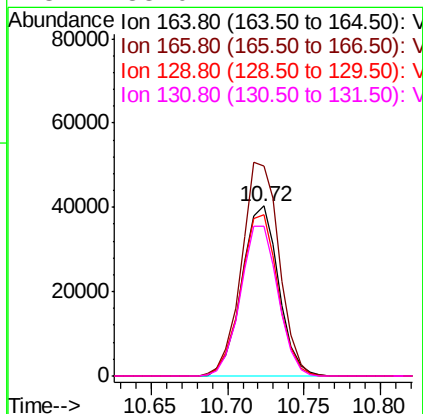
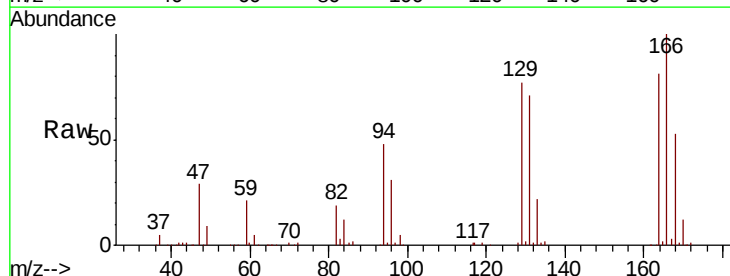
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

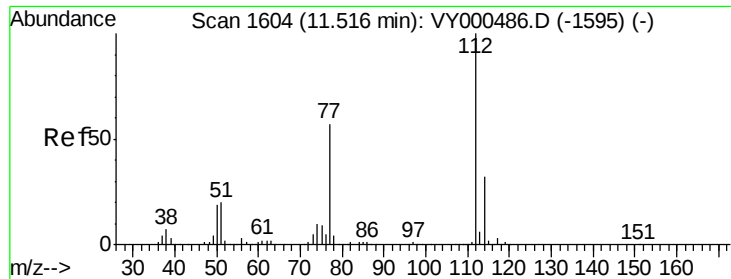
Tot Ion:117 Resp: 416087
Ion Ratio Lower Upper
117 100
82 56.0 40.8 61.2
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 19.577 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:164 Resp: 67355
Ion Ratio Lower Upper
164 100
166 124.1 102.7 154.1
129 95.3 73.2 109.8
131 88.0 74.2 111.2

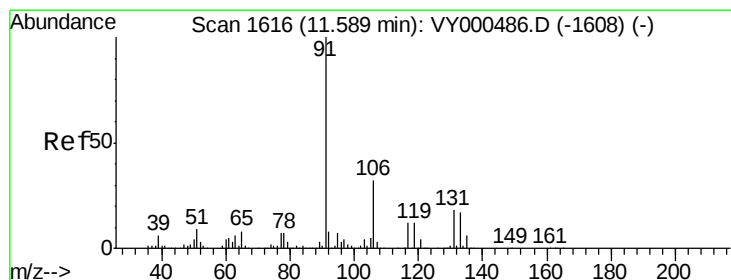
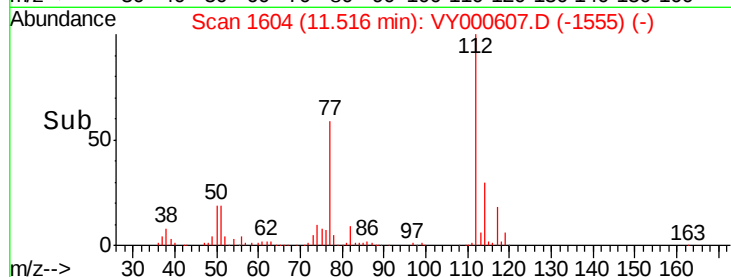
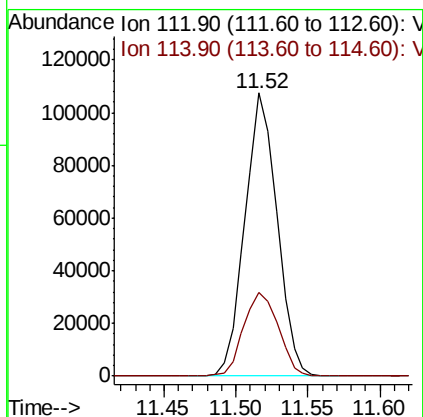
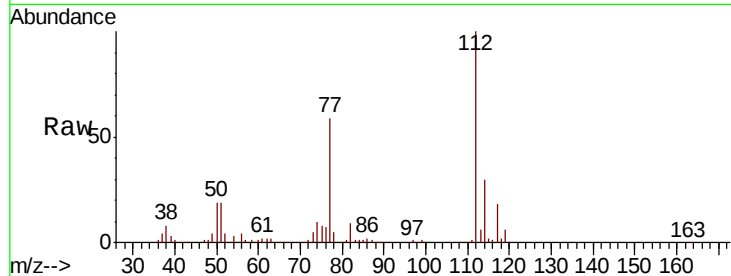




#65
Chlorobenzene
Concen: 19.707 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

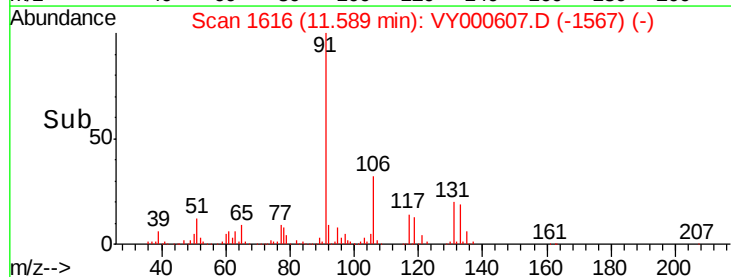
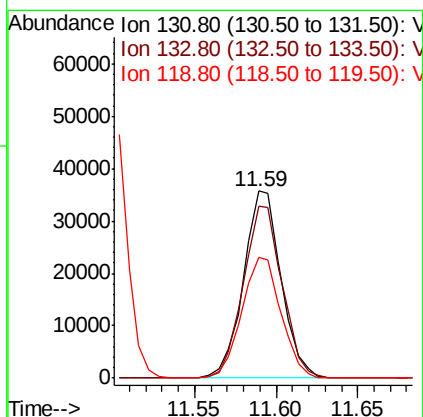
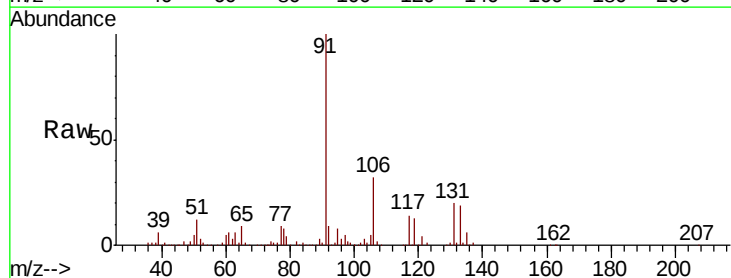
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

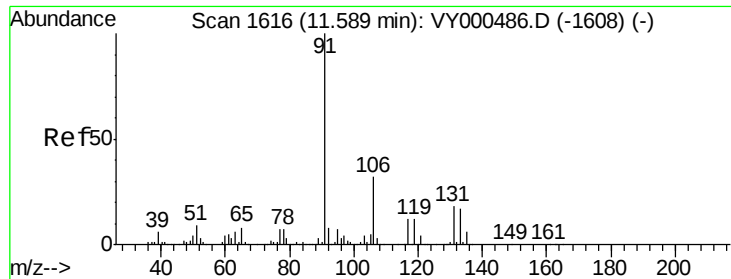
Tot Ion:112 Resp: 166251
Ion Ratio Lower Upper
112 100
114 29.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.625 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:131 Resp: 57418
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 66.9 33.1 99.3

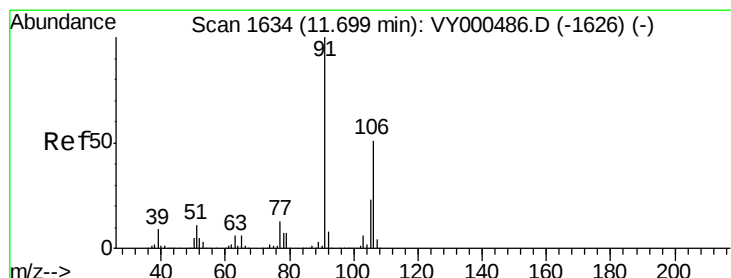
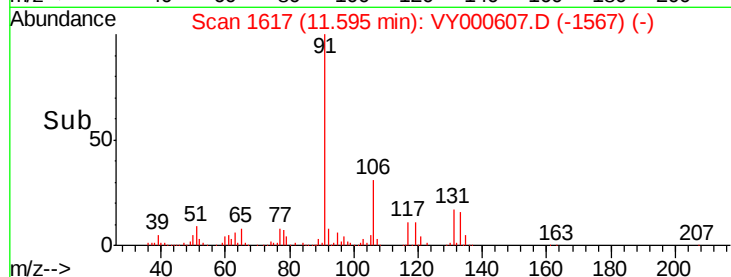
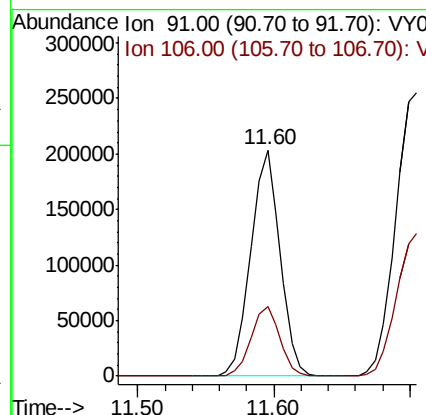
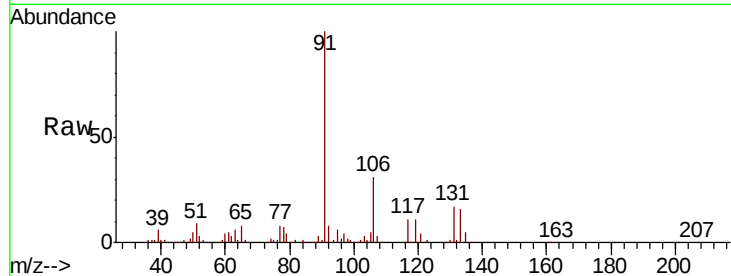




#67
Ethyl Benzene
Concen: 19.810 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

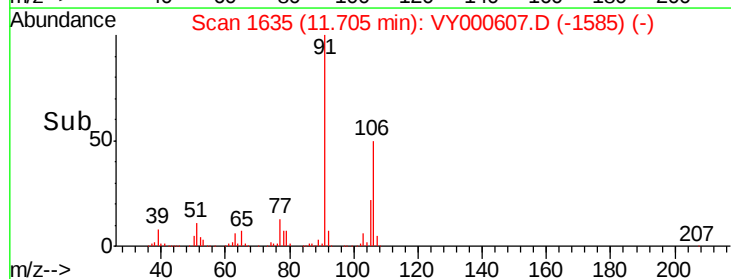
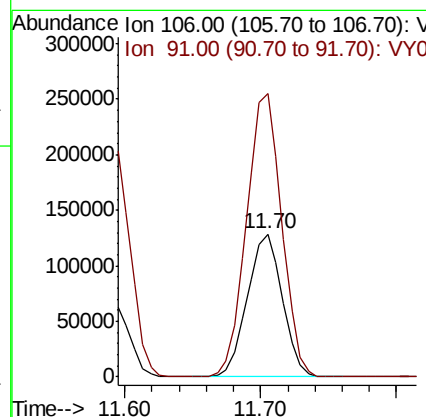
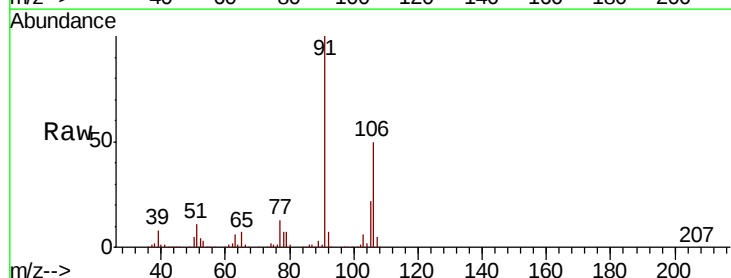
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

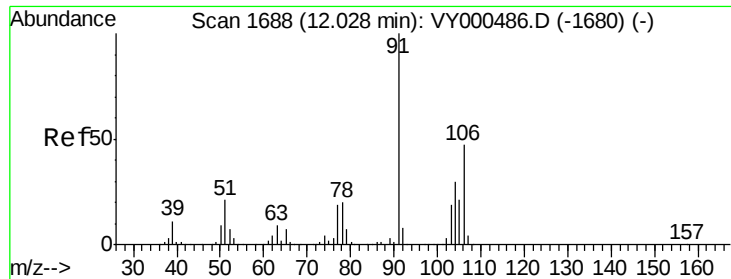
Tot Ion: 91 Resp: 307570
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 38.354 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 106 Resp: 230475
Ion Ratio Lower Upper
106 100
91 200.6 155.9 233.9

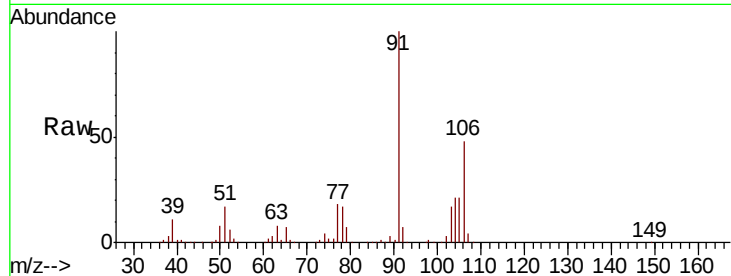




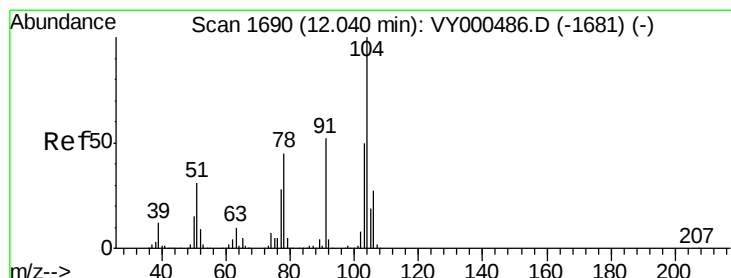
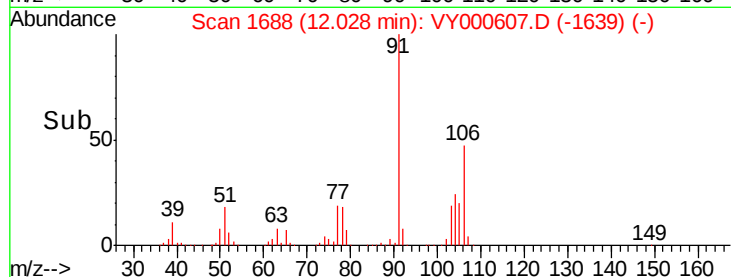
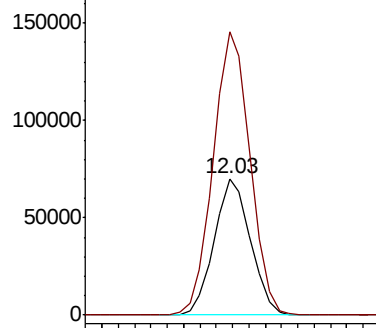
#69
o-Xylene
Concen: 19.200 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion:106 Resp: 108435
Ion Ratio Lower Upper
106 100
91 210.7 106.5 319.6

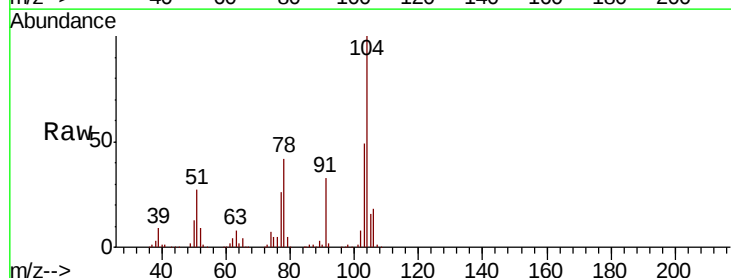


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

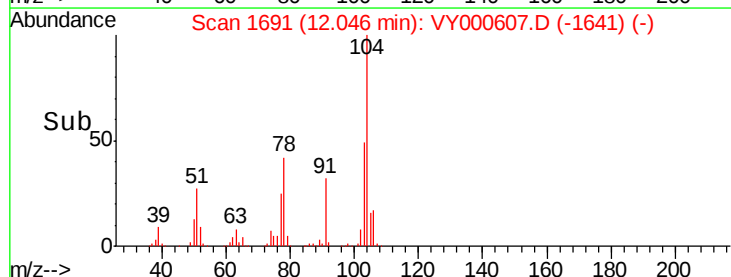
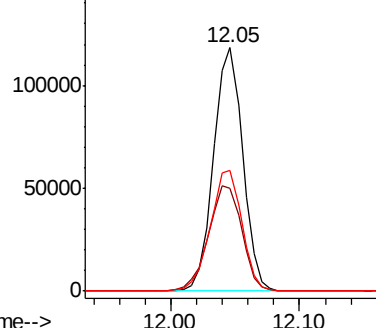


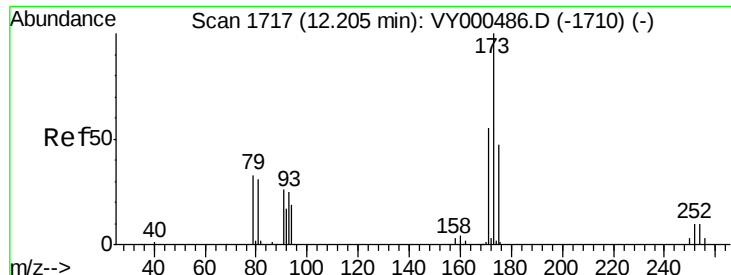
#70
Styrene
Concen: 19.046 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:104 Resp: 184192
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 54.0 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.852 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

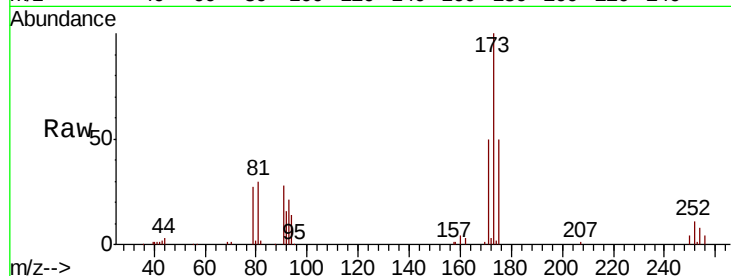
Tot Ion:173 Resp: 31724

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.2

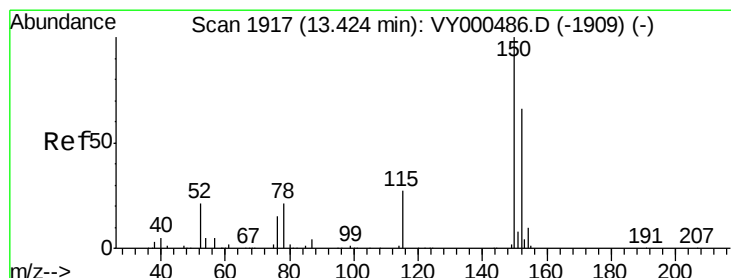
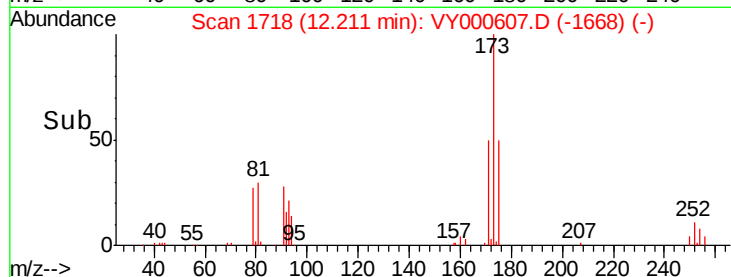
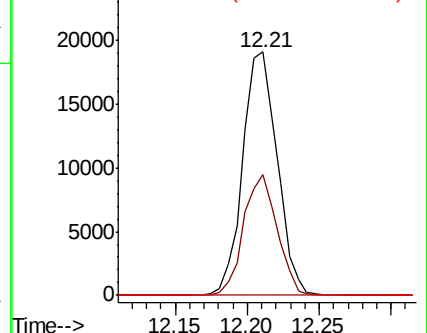
254 0.0 0.1 0.1#



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: VY000607.D

Acq: 08 Nov 2019 11:31

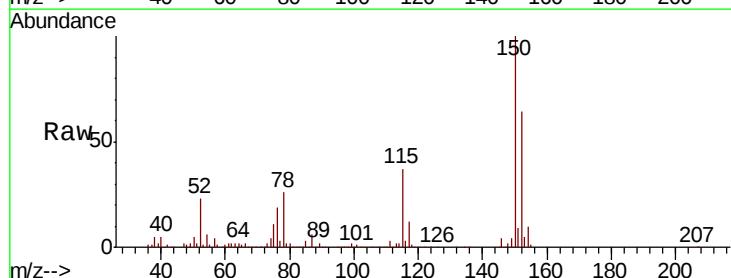
Tgt Ion:152 Resp: 197743

Ion Ratio Lower Upper

152 100

115 60.9 29.1 87.4

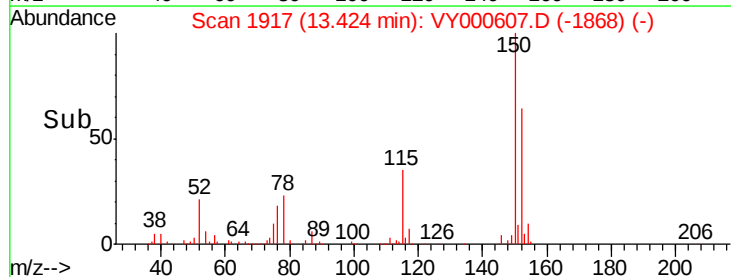
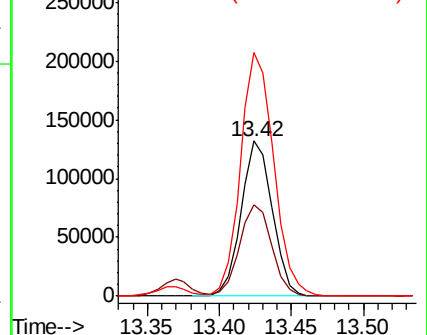
150 168.1 0.0 348.8

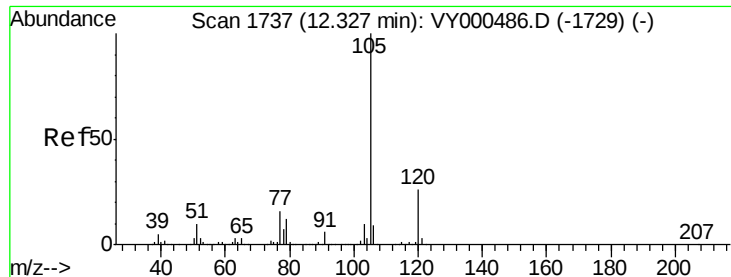


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.145 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

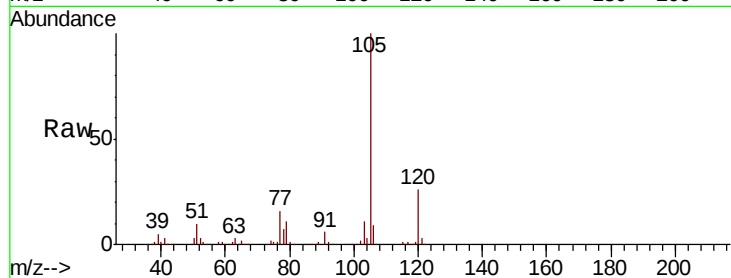
VY1108SBS01

Tot Ion:105 Resp: 294410

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

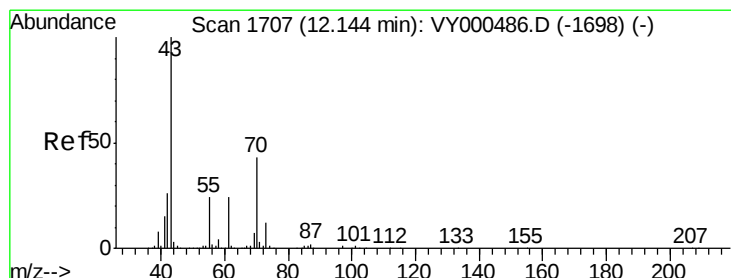
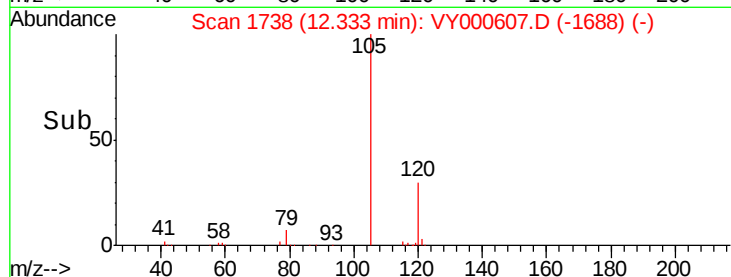
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.967 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion: 43 Resp: 83573

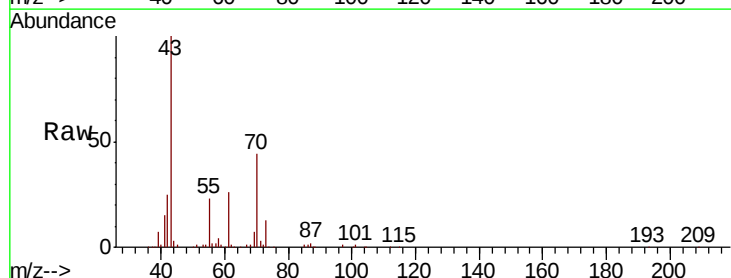
Ion Ratio Lower Upper

43 100

70 42.4 33.1 49.7

55 23.7 18.0 27.0

61 24.4 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

80000

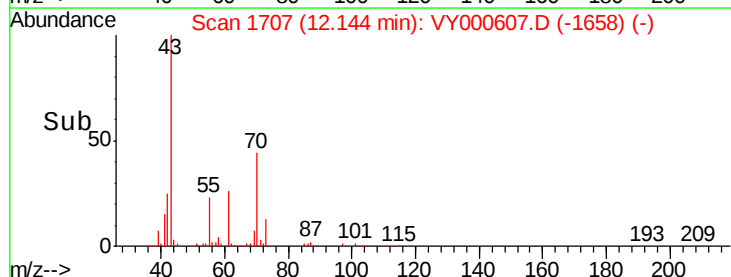
60000

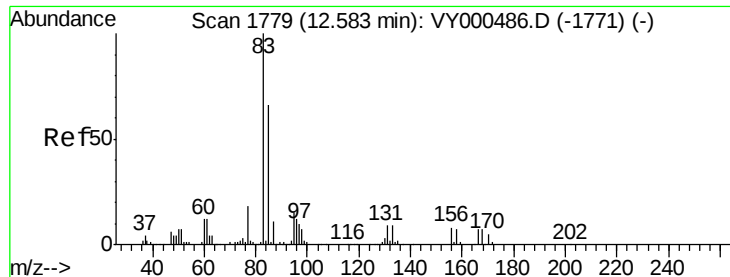
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.221 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

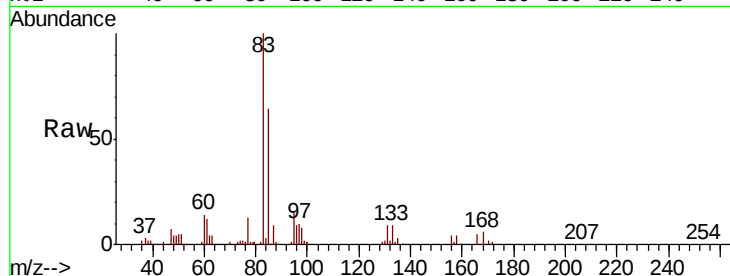
Tot Ion: 83 Resp: 58513

Ion Ratio Lower Upper

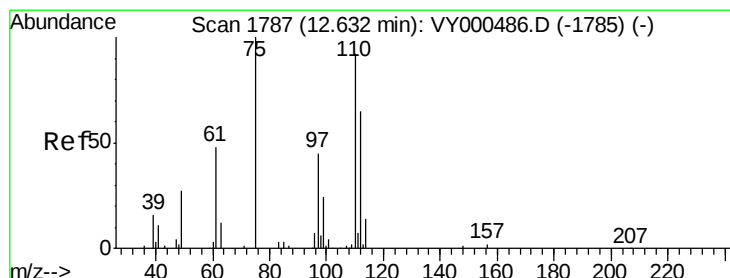
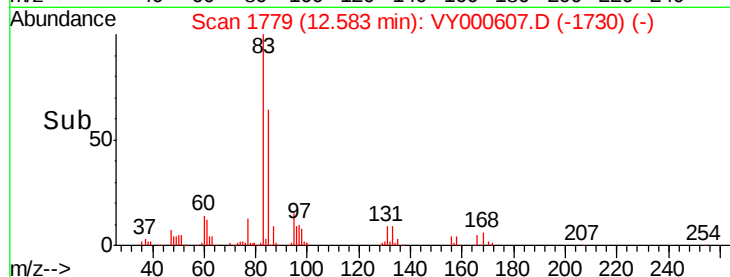
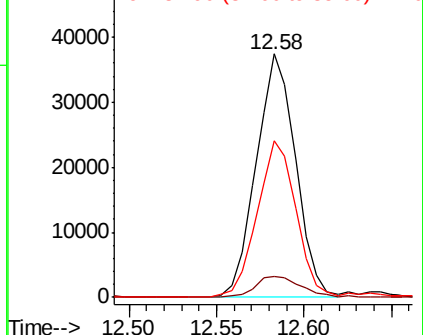
83 100

131 10.1 5.0 14.9

85 63.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.254 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000607.D

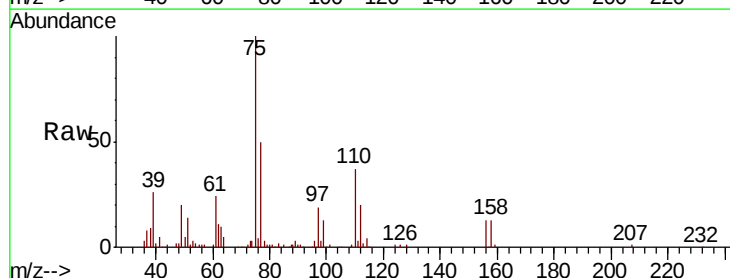
Acq: 08 Nov 2019 11:31

Tgt Ion: 75 Resp: 79376

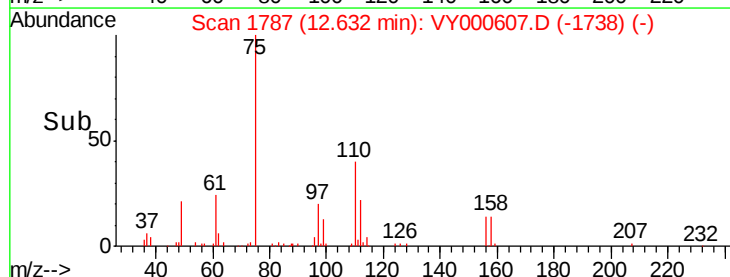
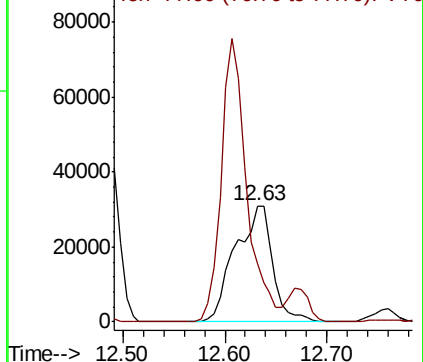
Ion Ratio Lower Upper

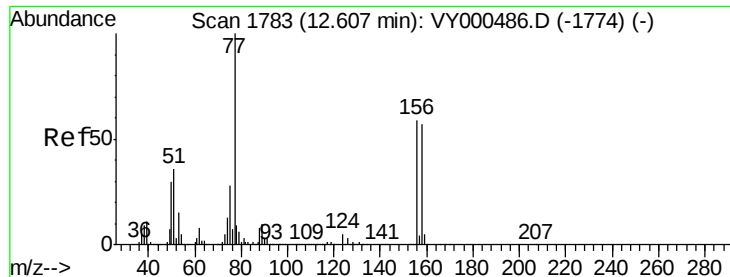
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

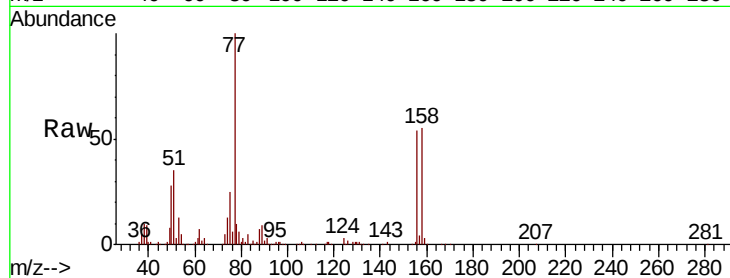
Tot Ion:156 Resp: 64532

Ion Ratio Lower Upper

156 100

77 204.9 98.2 294.4

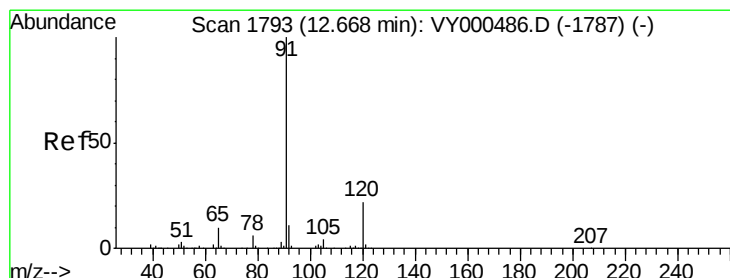
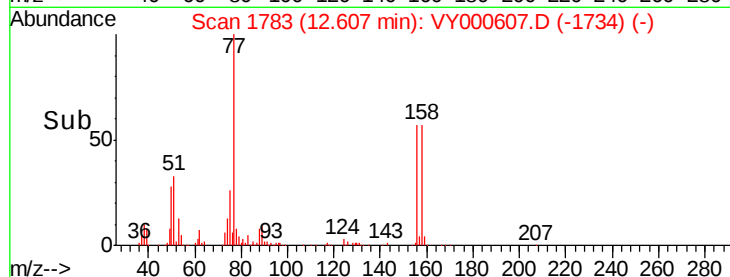
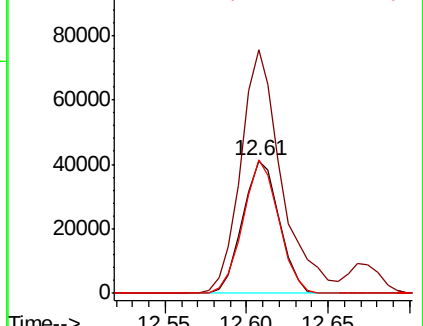
158 97.6 49.6 149.0



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: 20.252 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000607.D

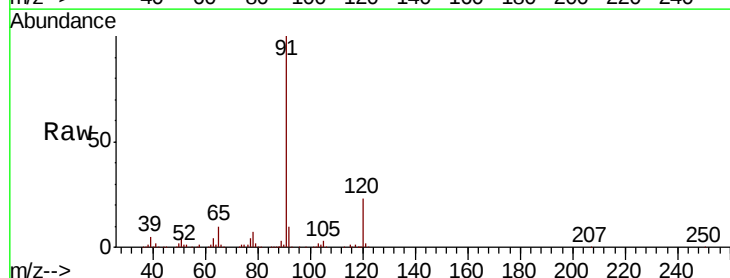
Acq: 08 Nov 2019 11:31

Tgt Ion: 91 Resp: 357124

Ion Ratio Lower Upper

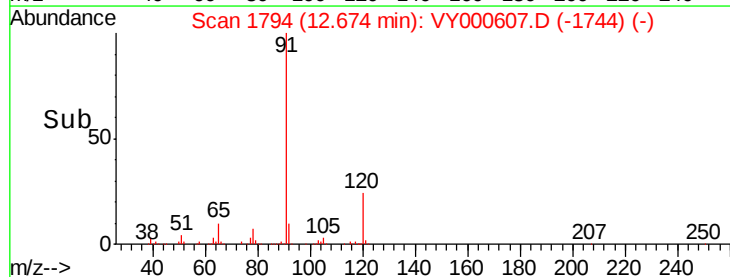
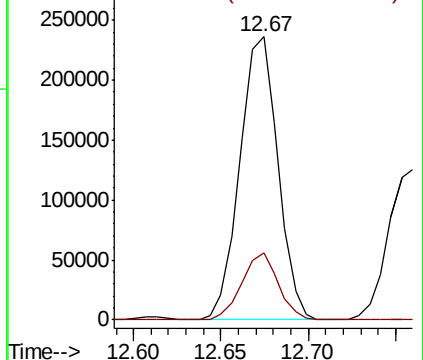
91 100

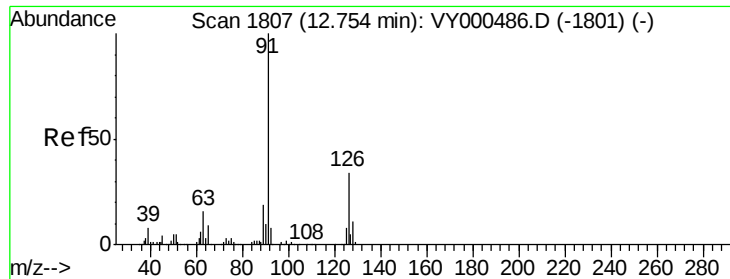
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.003 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

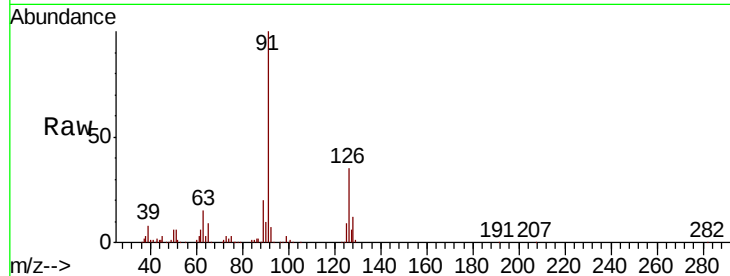
VY1108SBS01

Tot Ion: 91 Resp: 195823

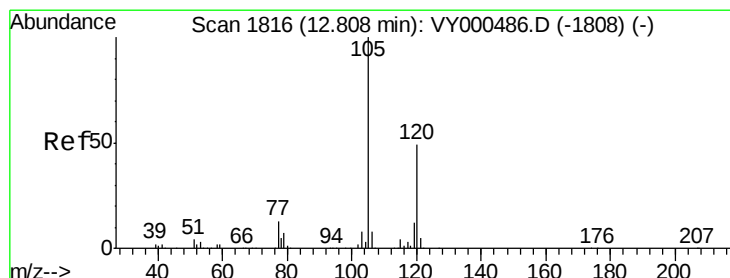
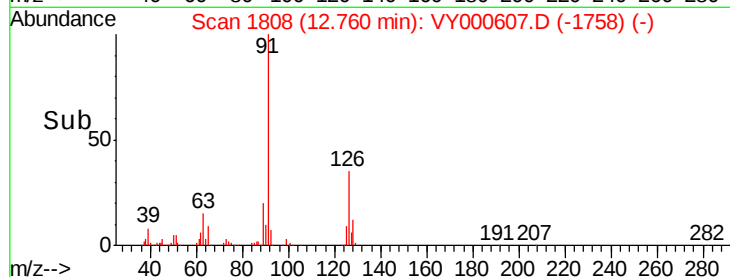
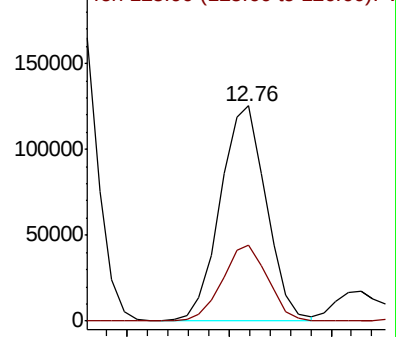
Ion Ratio Lower Upper

91 100

126 34.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.567 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000607.D

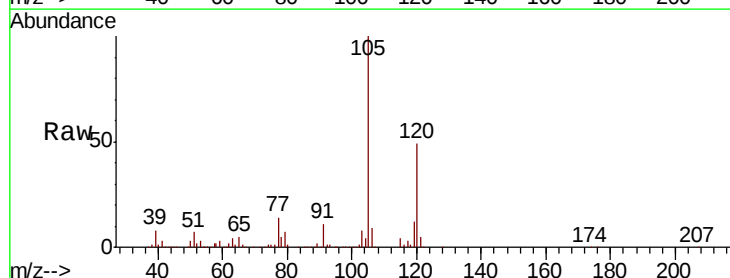
Acq: 08 Nov 2019 11:31

Tgt Ion: 105 Resp: 250345

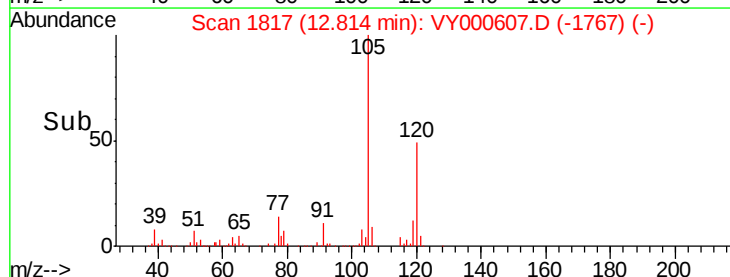
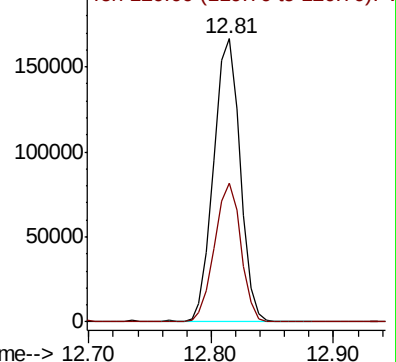
Ion Ratio Lower Upper

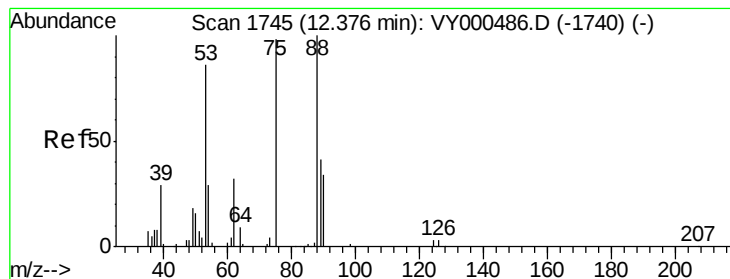
105 100

120 48.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.080 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

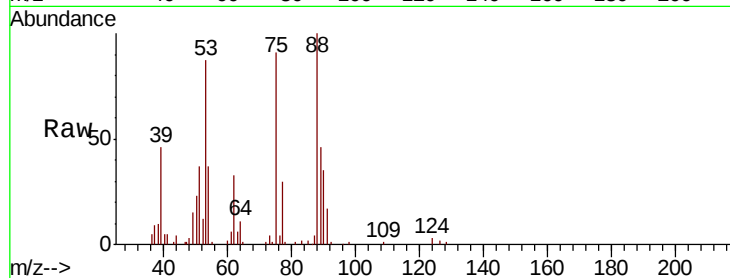
Tot Ion: 75 Resp: 19160

Ion Ratio Lower Upper

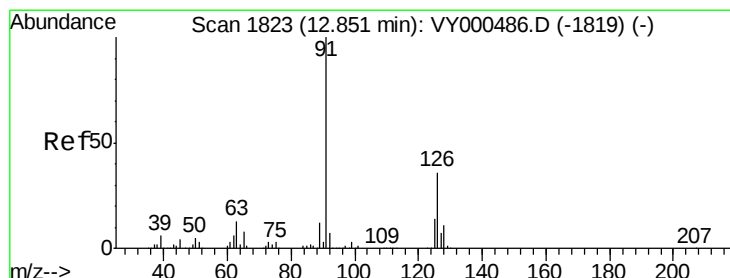
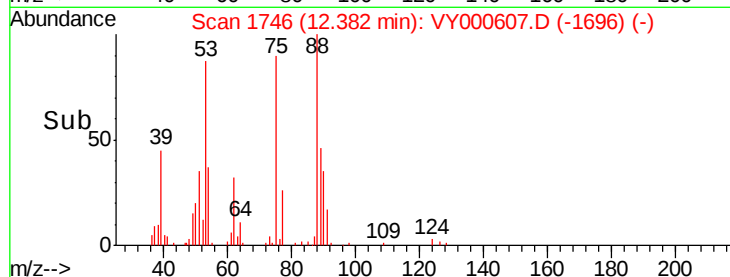
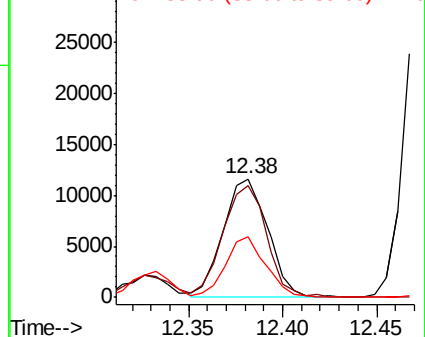
75 100

53 92.5 73.2 109.8

89 45.7 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: 20.620 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000607.D

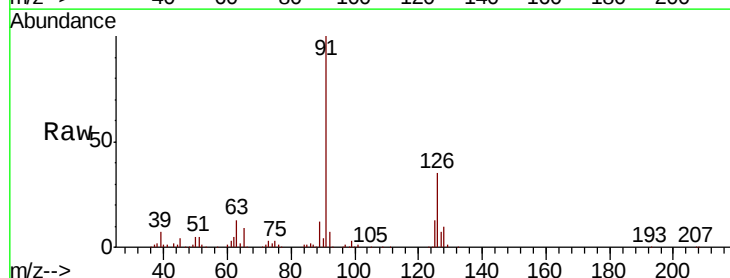
Acq: 08 Nov 2019 11:31

Tgt Ion: 91 Resp: 209245

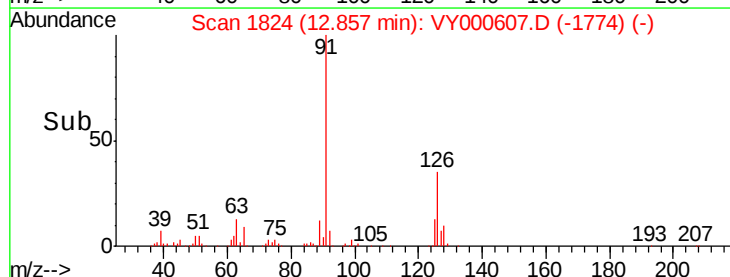
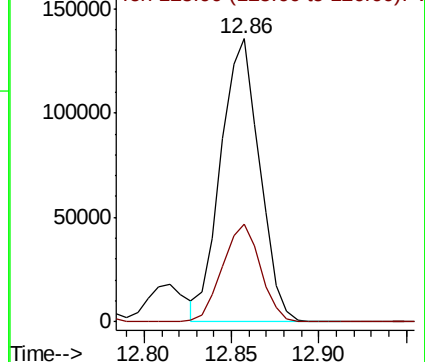
Ion Ratio Lower Upper

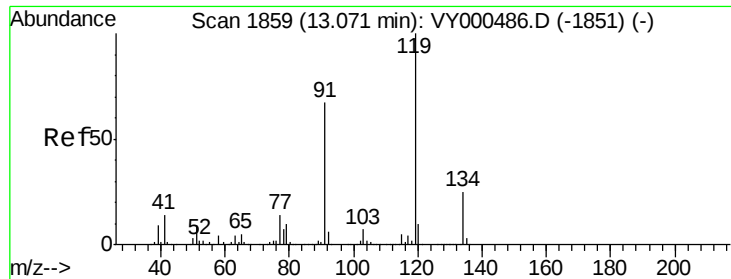
91 100

126 34.0 17.6 52.9



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

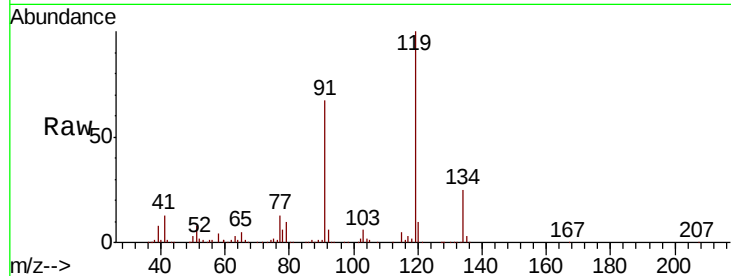




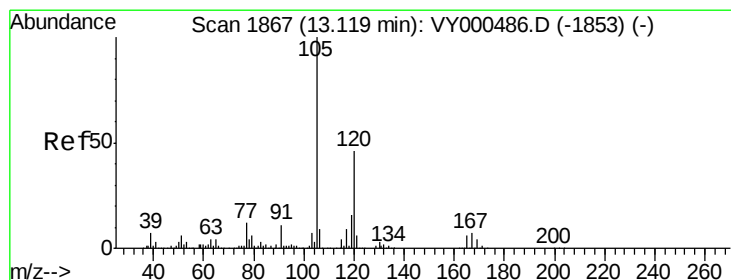
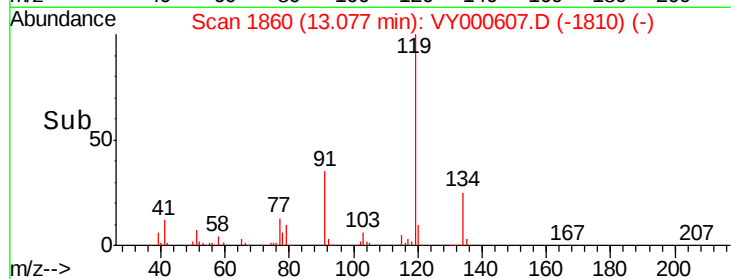
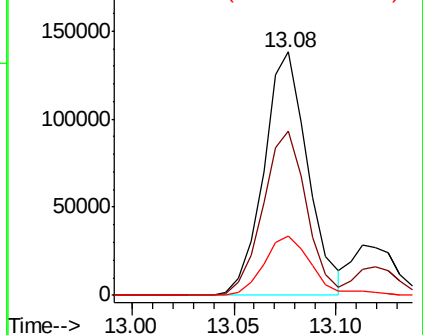
#83
 tert-Butylbenzene
 Concen: 19.896 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion:119 Resp: 206779
 Ion Ratio Lower Upper
 119 100
 91 66.7 32.1 96.3
 134 26.6 13.2 39.5

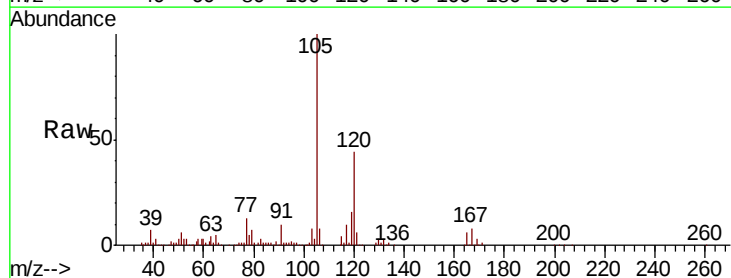


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

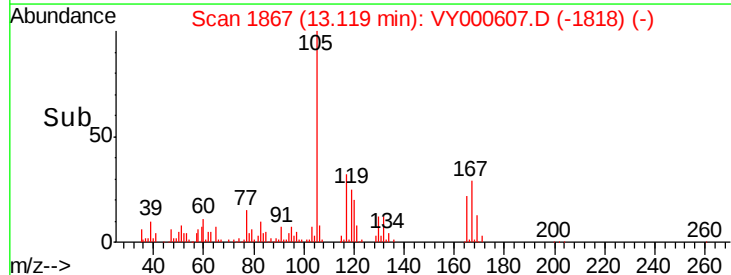
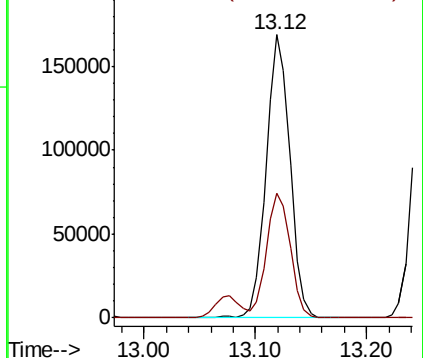


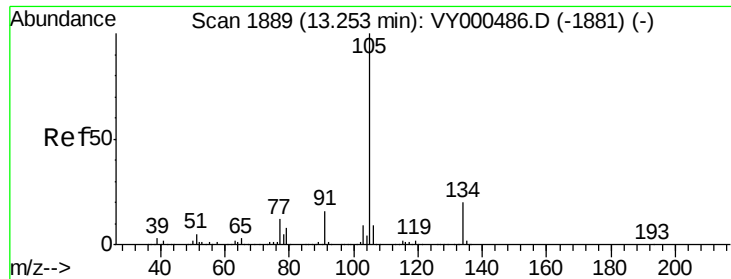
#84
 1,2,4-Trimethylbenzene
 Concen: 20.805 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion:105 Resp: 252131
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.3 69.9



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





#85

sec-Butylbenzene

Concen: 20.483 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

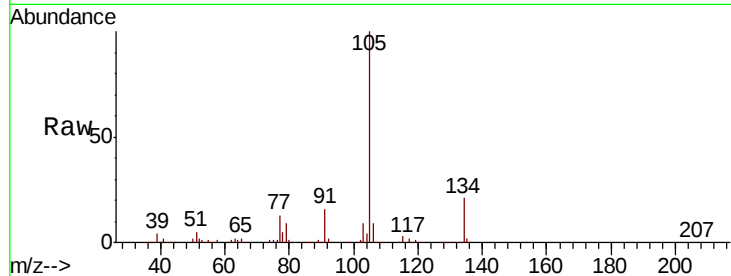
VY1108SBS01

Tot Ion:105 Resp: 303286

Ion Ratio Lower Upper

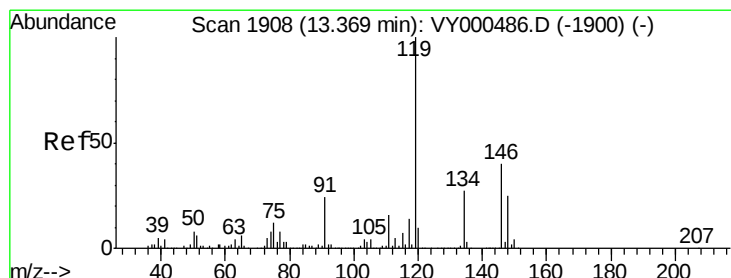
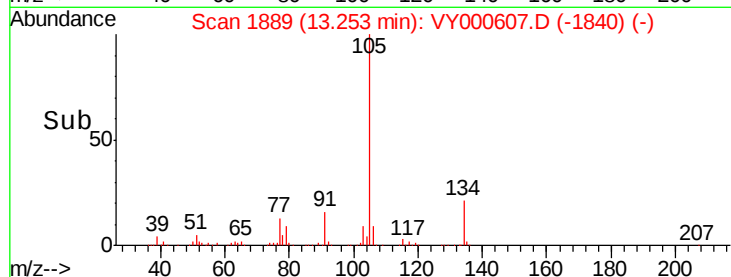
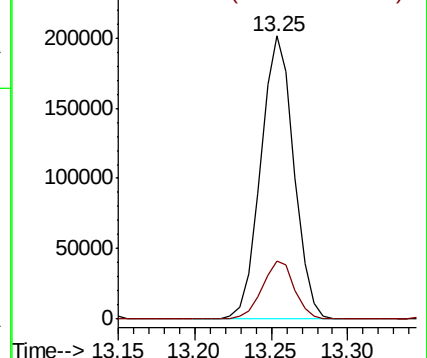
105 100

134 20.0 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: 20.429 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

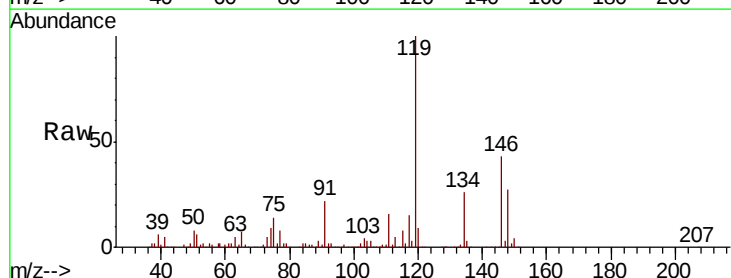
Tgt Ion:119 Resp: 269599

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

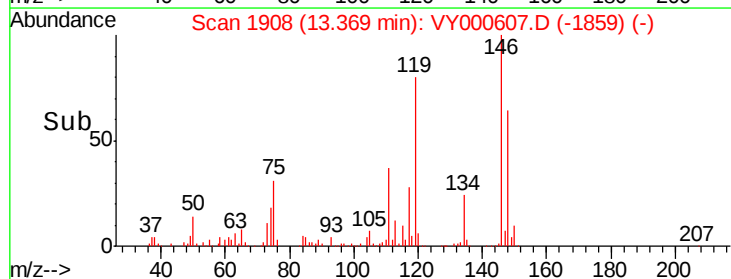
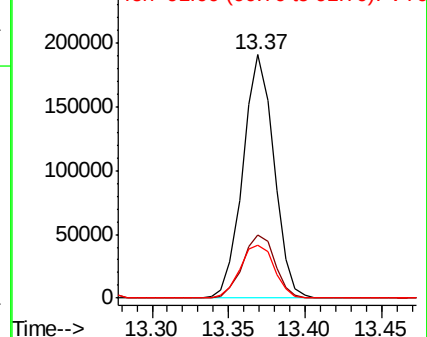
91 24.1 12.0 36.1



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: 19.618 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

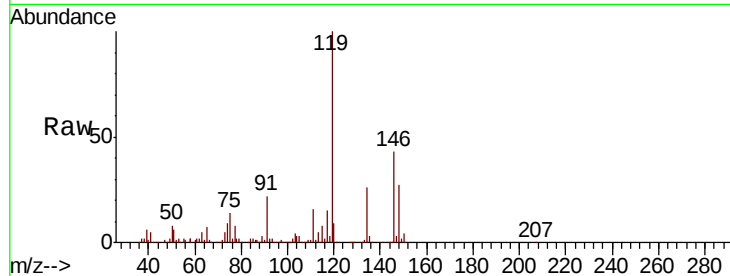
Tot Ion:146 Resp: 127349

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.8

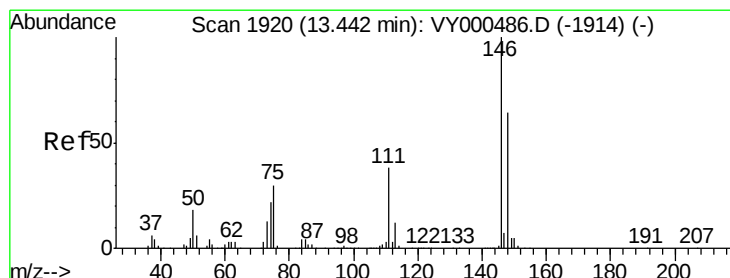
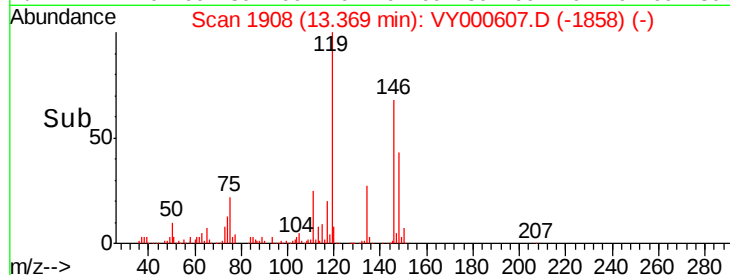
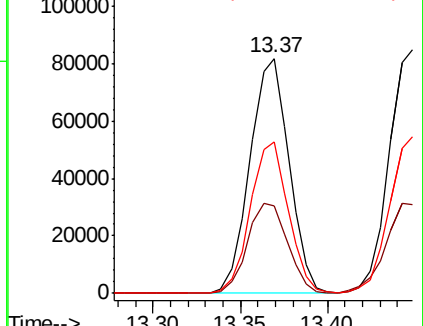
148 62.7 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.028 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

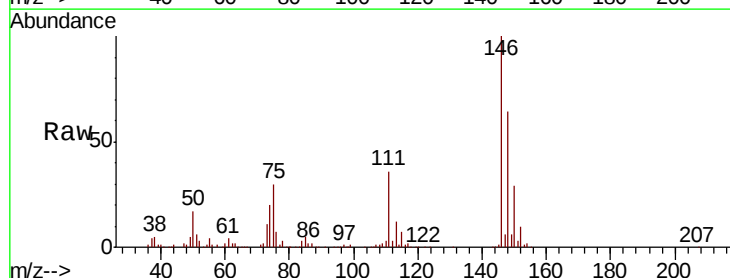
Tgt Ion:146 Resp: 129915

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

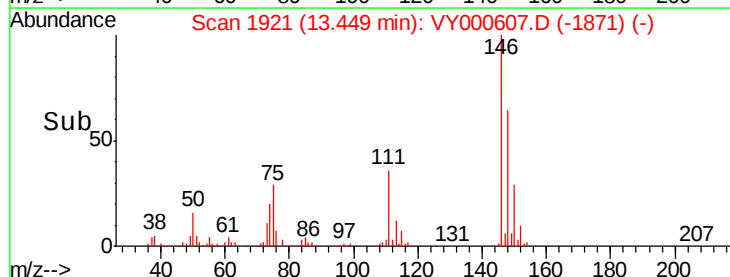
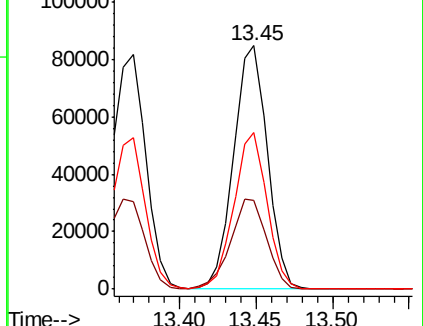
148 62.8 31.9 95.7

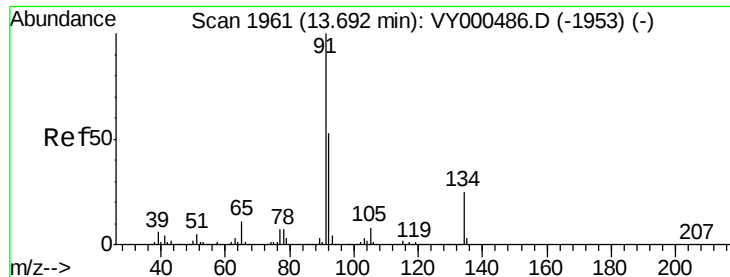


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

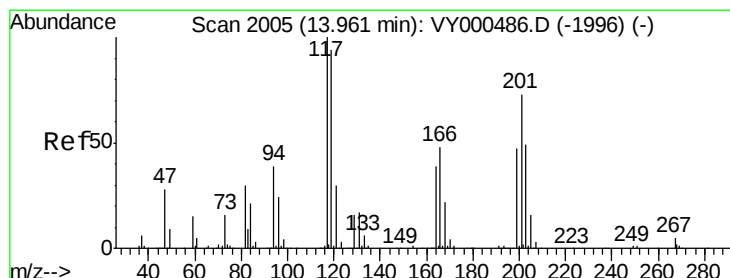
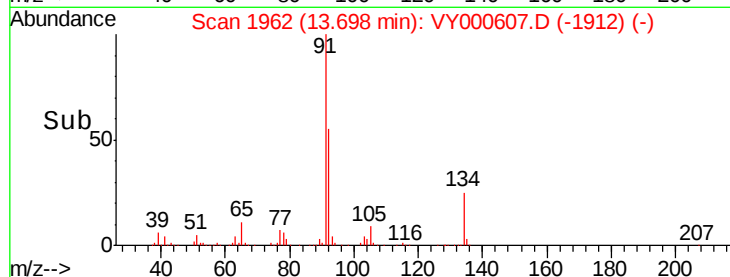
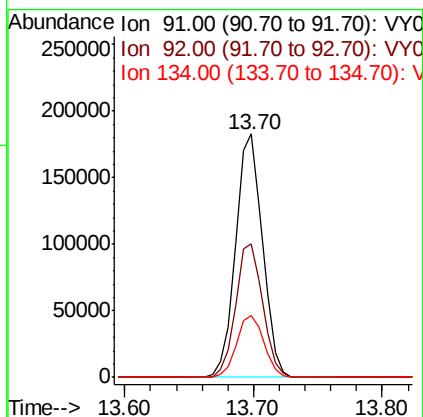
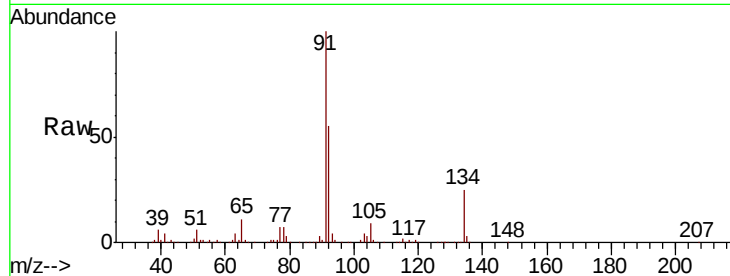




#89
n-Butylbenzene
Concen: 20.294 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

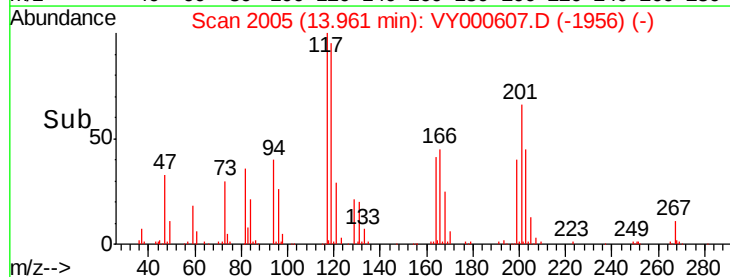
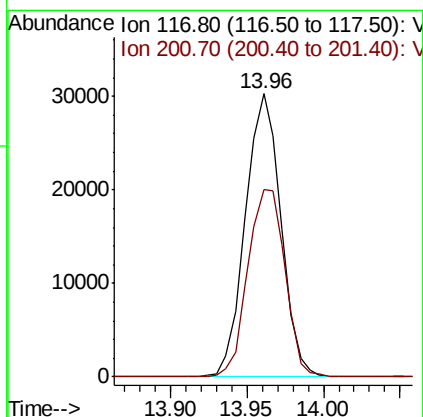
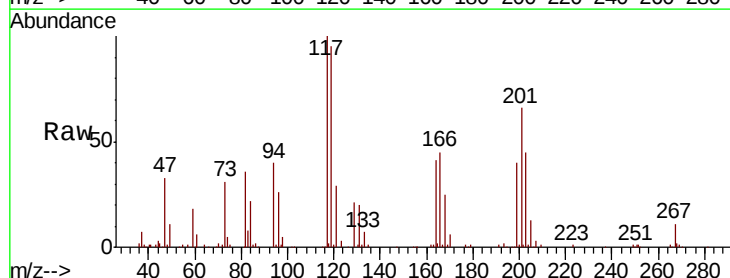
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

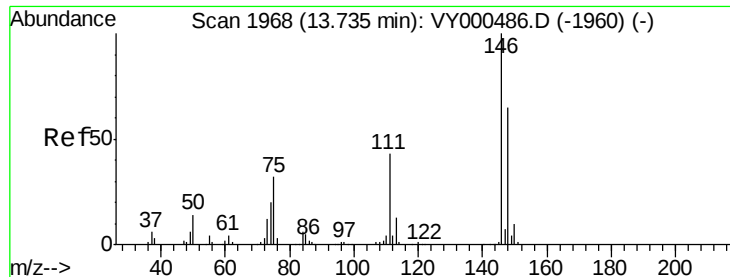
Tot Ion: 91 Resp: 264144
Ion Ratio Lower Upper
91 100
92 55.3 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 20.028 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 117 Resp: 48862
Ion Ratio Lower Upper
117 100
201 69.5 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 19.897 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

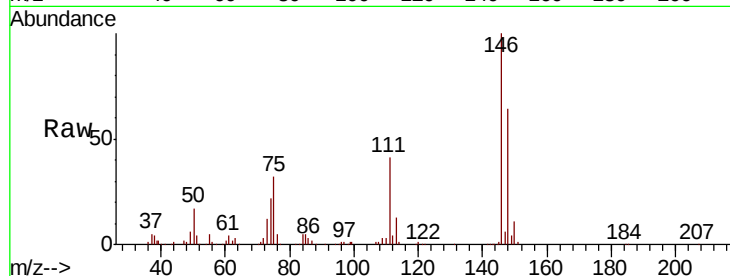
Tot Ion:146 Resp: 117186

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.5

148 64.6 31.7 95.1

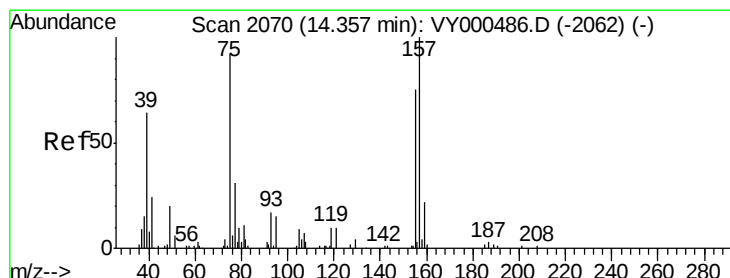
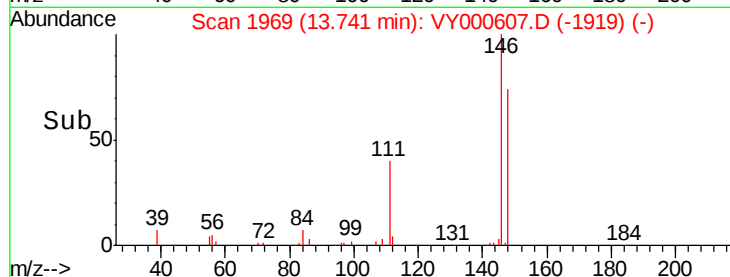
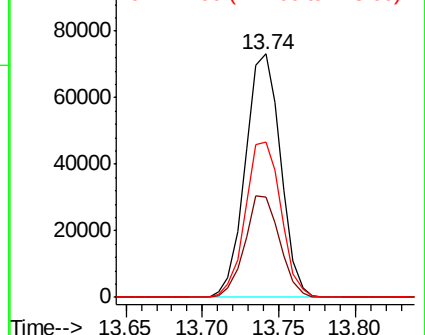


Abundance

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.848 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

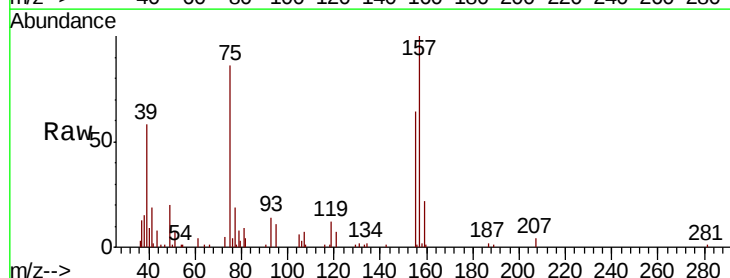
Tgt Ion: 75 Resp: 10165

Ion Ratio Lower Upper

75 100

155 78.8 42.4 127.1

157 106.1 55.1 165.3

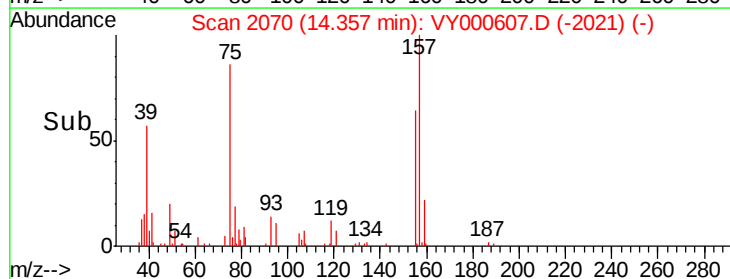
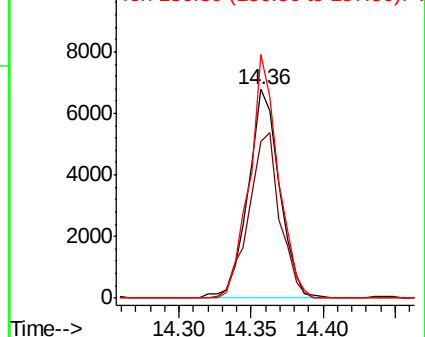


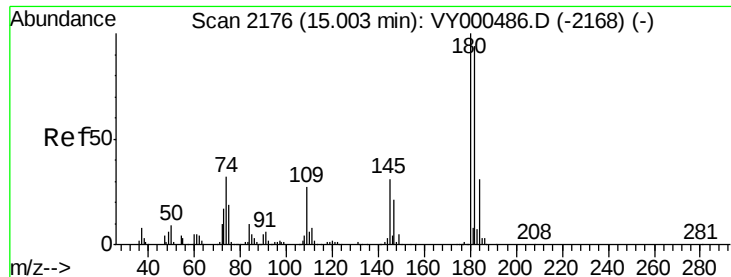
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

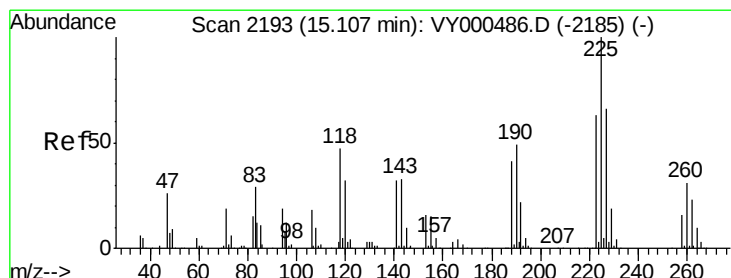
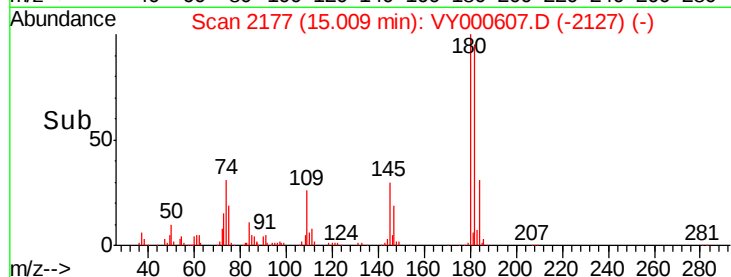
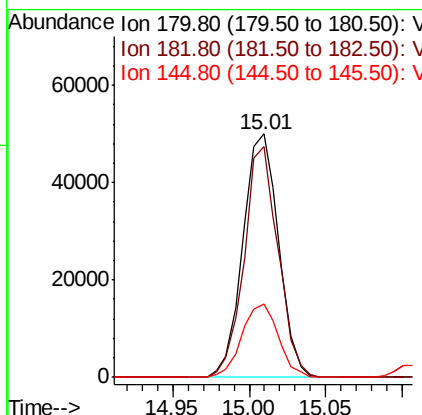
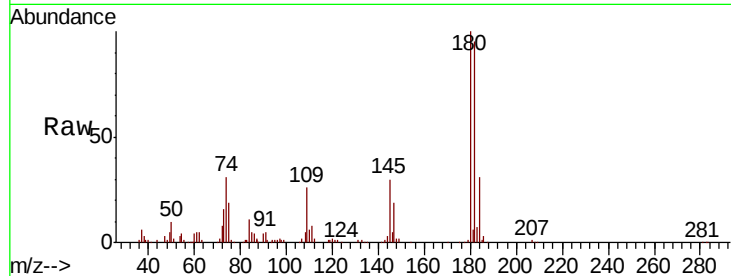




#93
 1,2,4-Trichlorobenzene
 Concen: 20.172 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

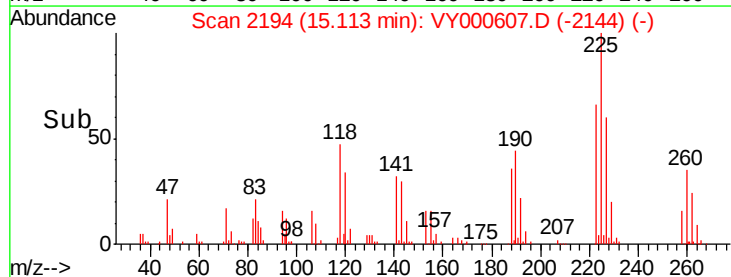
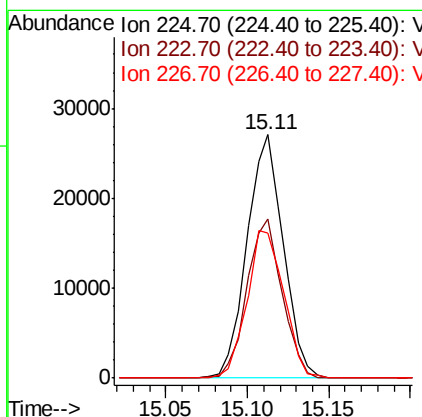
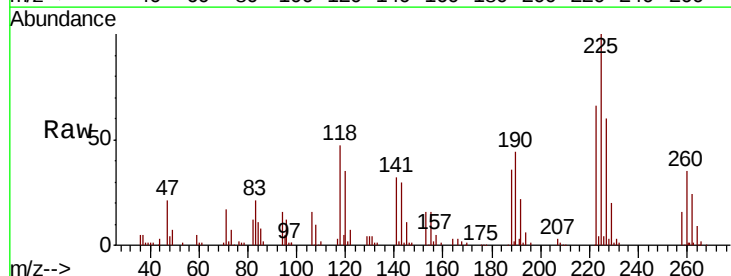
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

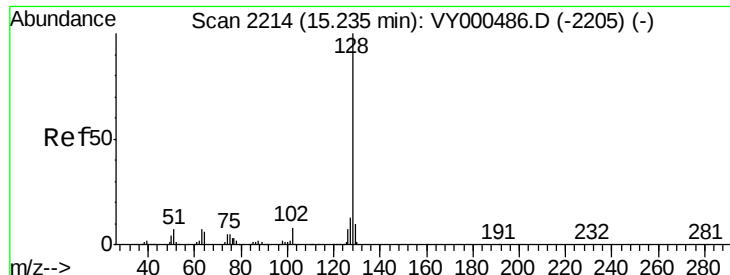
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.8	143.4
145	30.9	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 20.271 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	61.9	32.4	97.0

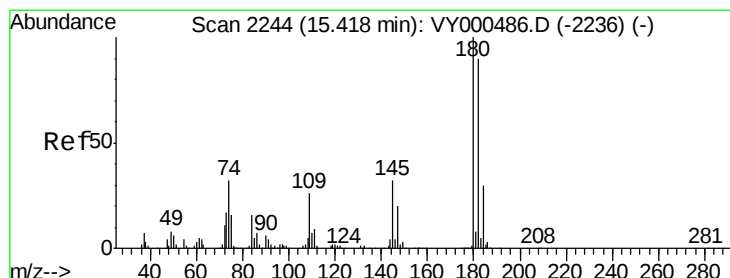
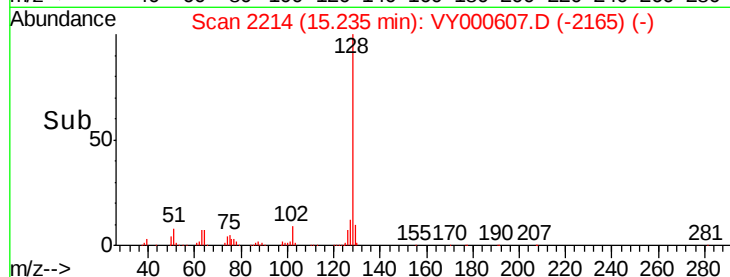
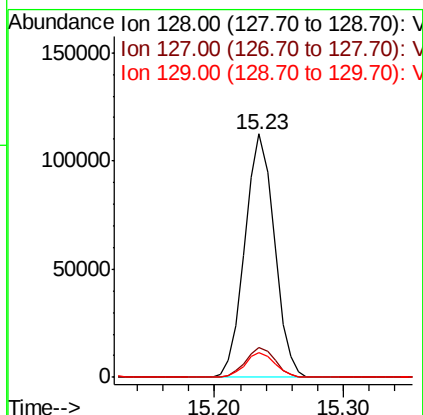
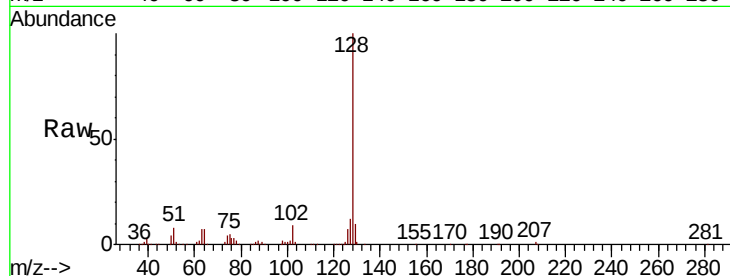




#95
Naphthalene
Concen: 19.962 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion:128 Resp: 177713
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.867 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:180 Resp: 71479
Ion Ratio Lower Upper
180 100
182 94.0 47.4 142.3
145 32.9 15.7 47.0

