

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000608.D
 Acq On : 08 Nov 2019 11:52
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Quant Time: Nov 11 04:42:36 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	267767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	449533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	148743	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.73	113	130439	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.19	98	534061	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.48	95	185728	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49174	18.656	ug/l	99
3) Chloromethane	2.11	50	70739	19.481	ug/l	97
4) Vinyl Chloride	2.26	62	67143	19.912	ug/l	100
5) Bromomethane	2.65	94	44621	22.068	ug/l	98
6) Chloroethane	2.79	64	44060	20.878	ug/l	99
7) Trichlorofluoromethane	3.13	101	94673	20.790	ug/l	90
8) Diethyl Ether	3.54	74	33866	20.930	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	54917	19.948	ug/l	97
10) Methyl Iodide	4.10	142	68723	20.951	ug/l	100
11) Tert butyl alcohol	4.99	59	26883	99.661	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	54386	20.334	ug/l	86
13) Acrolein	3.74	56	18656	79.400	ug/l	90
14) Allyl chloride	4.49	41	95055	21.856	ug/l	99
15) Acrylonitrile	5.18	53	92631	111.756	ug/l	97
16) Acetone	3.97	43	67776	88.743	ug/l	99
17) Carbon Disulfide	4.20	76	167590	19.866	ug/l	97
18) Methyl Acetate	4.49	43	55866	23.526	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	159779	21.485	ug/l	99
20) Methylene Chloride	4.72	84	69269	21.167	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62614	20.707	ug/l	96
22) Diisopropyl ether	6.14	45	204280	21.610	ug/l	94
23) Vinyl Acetate	6.08	43	644653	108.030	ug/l	99
24) 1,1-Dichloroethane	6.03	63	109665	21.414	ug/l	99
25) 2-Butanone	7.01	43	124271	101.956	ug/l	97
26) 2,2-Dichloropropane	7.00	77	98566	21.061	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	73180	22.132	ug/l	98
28) Bromochloromethane	7.35	49	28176	15.169	ug/l	95
29) Tetrahydrofuran	7.36	42	79242	106.272	ug/l	99
30) Chloroform	7.52	83	110480	21.325	ug/l	92
31) Cyclohexane	7.79	56	107854	20.108	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	99536	21.558	ug/l	98
36) 1,1-Dichloropropene	7.93	75	90057	21.192	ug/l	97
37) Ethyl Acetate	7.10	43	52531	20.821	ug/l	97
38) Carbon Tetrachloride	7.91	117	86305	21.106	ug/l	96

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Nov 11 04:42:36 2019
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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	109327	19.913	ug/l	96
40) Benzene	8.18	78	256936	20.622	ug/l	100
41) Methacrylonitrile	7.36	41	74145	52.678	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	74354	21.041	ug/l	99
43) Isopropyl Acetate	8.28	43	100357	21.174	ug/l	99
44) Trichloroethene	8.95	130	66578	20.267	ug/l	98
45) 1,2-Dichloropropane	9.22	63	65770	21.449	ug/l	94
46) Dibromomethane	9.32	93	35214	20.881	ug/l	99
47) Bromodichloromethane	9.50	83	80473	20.111	ug/l	97
48) Methyl methacrylate	9.30	41	44836	21.651	ug/l	97
49) 1,4-Dioxane	9.32	88	8741	385.126	ug/l #	86
51) 4-Methyl-2-Pentanone	10.08	43	270852	107.485	ug/l	98
52) Toluene	10.25	92	161395	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	88847	20.780	ug/l	93
54) cis-1,3-Dichloropropene	9.93	75	102482	20.923	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	52348	21.461	ug/l	97
56) Ethyl methacrylate	10.51	69	71920	20.803	ug/l	97
57) 1,3-Dichloropropane	10.79	76	89889	21.056	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.79	63	167966	107.468	ug/l	98
59) 2-Hexanone	10.83	43	193012	105.127	ug/l	100
60) Dibromochloromethane	10.99	129	56171	20.105	ug/l	98
61) 1,2-Dibromoethane	11.09	107	48873	20.839	ug/l	99
64) Tetrachloroethene	10.72	164	67534	20.383	ug/l	98
65) Chlorobenzene	11.52	112	168440	20.734	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	61013	21.655	ug/l	96
67) Ethyl Benzene	11.60	91	313750	20.985	ug/l	98
68) m/p-Xylenes	11.70	106	235040	40.617	ug/l	96
69) o-Xylene	12.03	106	113068	20.790	ug/l	99
70) Styrene	12.05	104	190831	20.491	ug/l	99
71) Bromoform	12.21	173	33047	20.393	ug/l #	98
73) Isopropylbenzene	12.33	105	299067	20.720	ug/l	100
74) N-amyl acetate	12.14	43	86526	20.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	60067	21.018	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	85290	38.355	ug/l #	100
77) Bromobenzene	12.61	156	67484	20.618	ug/l	97
78) n-propylbenzene	12.67	91	367954	21.128	ug/l	99
79) 2-Chlorotoluene	12.75	91	202623	20.958	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	254295	21.154	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19836	20.001	ug/l	98
82) 4-Chlorotoluene	12.86	91	212491	21.203	ug/l	98
83) tert-Butylbenzene	13.07	119	210682	20.526	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	250383	20.919	ug/l	100
85) sec-Butylbenzene	13.25	105	301939	20.648	ug/l	100
86) p-Isopropyltoluene	13.37	119	271363	20.821	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	131207	20.466	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	131805	20.574	ug/l	99
89) n-Butylbenzene	13.69	91	265526	20.656	ug/l	99
90) Hexachloroethane	13.96	117	50209	20.839	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	117155	20.141	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10208	20.182	ug/l	96

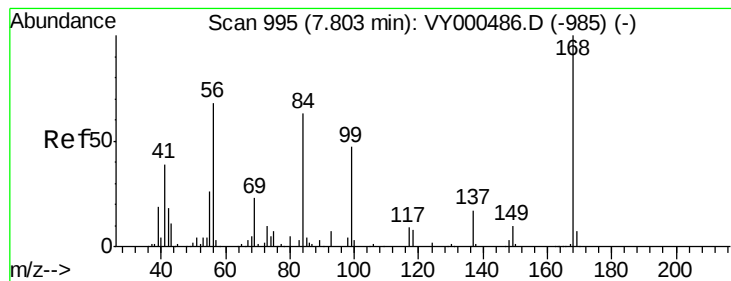
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
Data File : VY000608.D
Acq On : 08 Nov 2019 11:52
Operator : SY/MD
Sample : VY1108SBSD01
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Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBSD01

Quant Time: Nov 11 04:42:36 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)
93) 1,2,4-Trichlorobenzene	15.01	180	76078	19.209	ug/l	98
94) Hexachlorobutadiene	15.11	225	38868	19.038	ug/l	92
95) Naphthalene	15.23	128	181127	20.601	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	70026	19.707	ug/l	96

(#) = 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: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

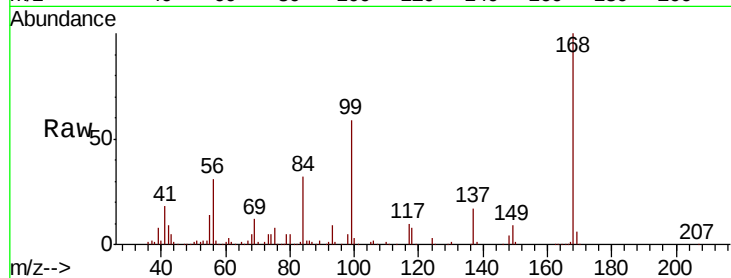
VY1108SBSD01

Tot Ion:168 Resp: 267767

Ion Ratio Lower Upper

168 100

99 59.4 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

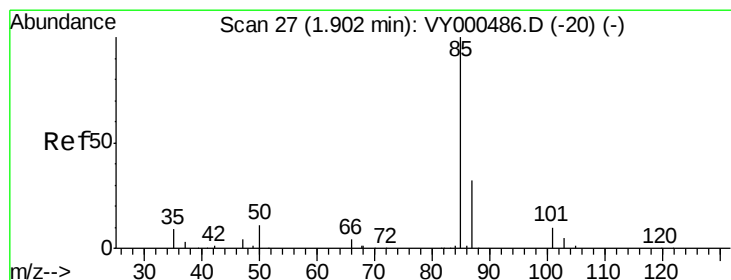
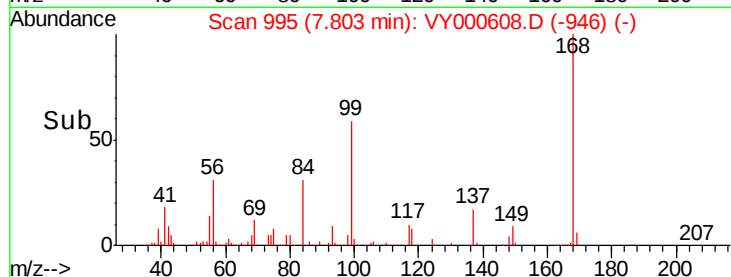
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.656 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000608.D

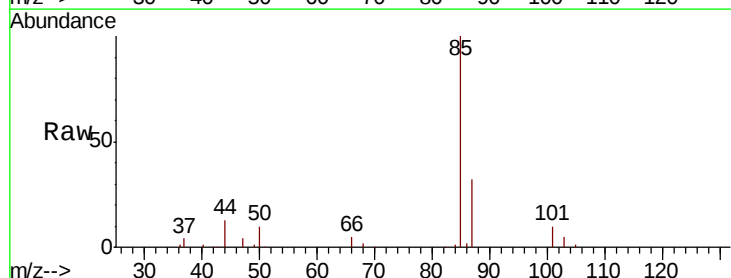
Acq: 08 Nov 2019 11:52

Tgt Ion: 85 Resp: 49174

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



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

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

1.90

30000

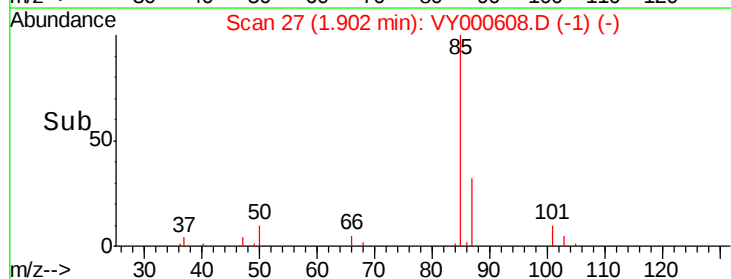
20000

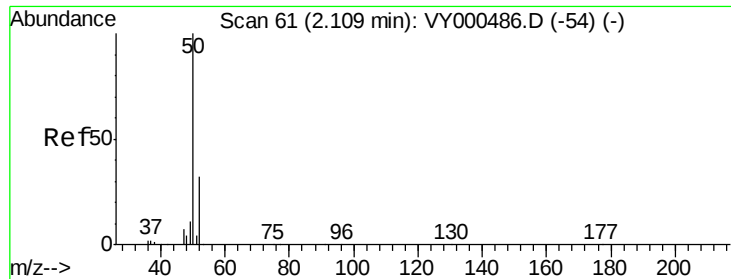
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.481 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

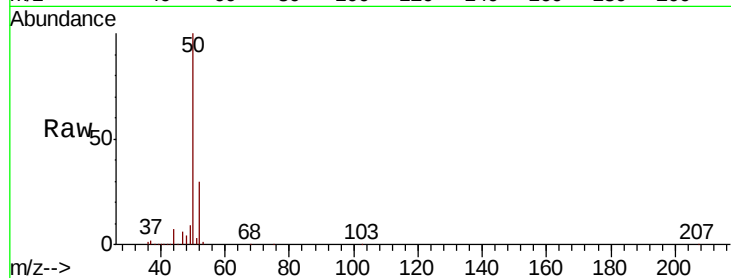
VY1108SBSD01

Tot Ion: 50 Resp: 70739

Ion Ratio Lower Upper

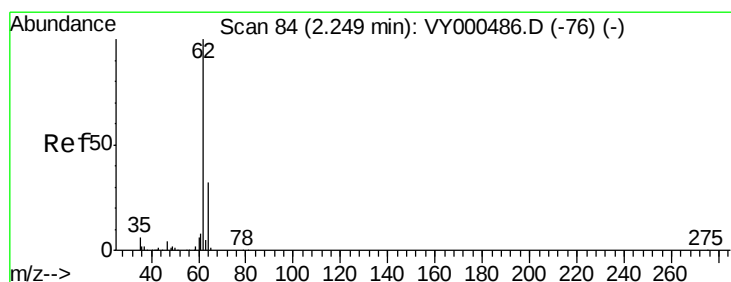
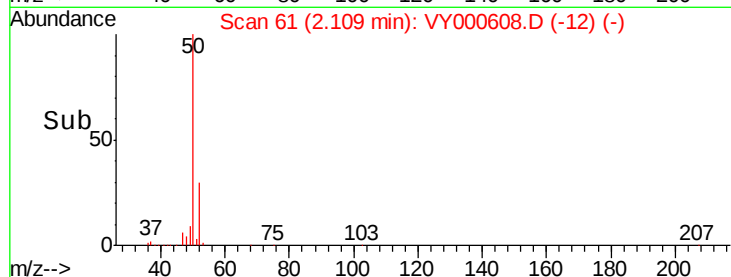
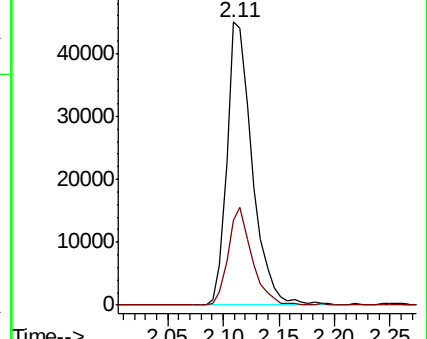
50 100

52 29.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.912 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000608.D

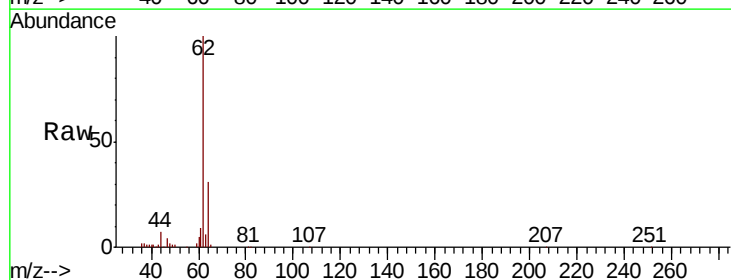
Acq: 08 Nov 2019 11:52

Tgt Ion: 62 Resp: 67143

Ion Ratio Lower Upper

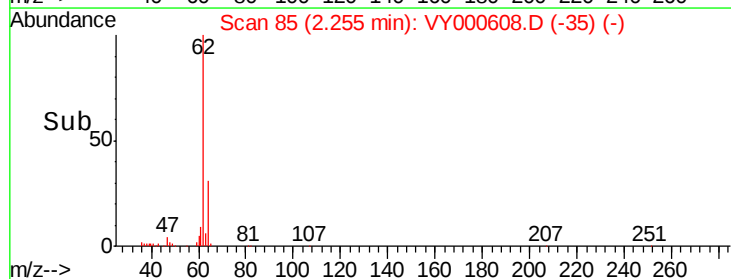
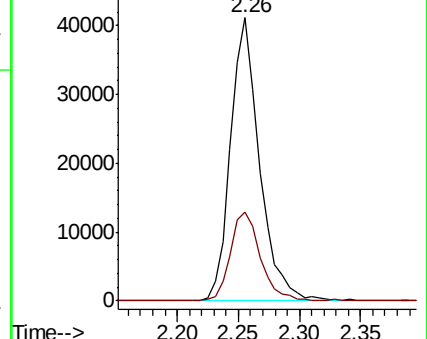
62 100

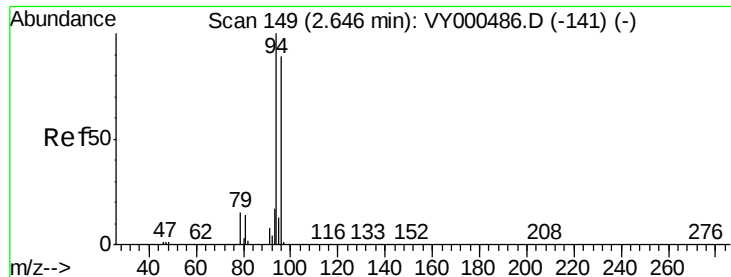
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.068 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

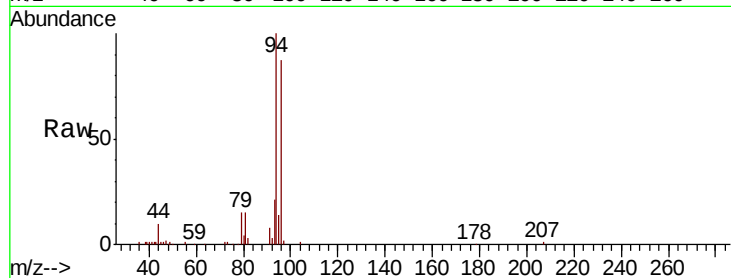
VY1108SBS01

Tot Ion: 94 Resp: 44621

Ion Ratio Lower Upper

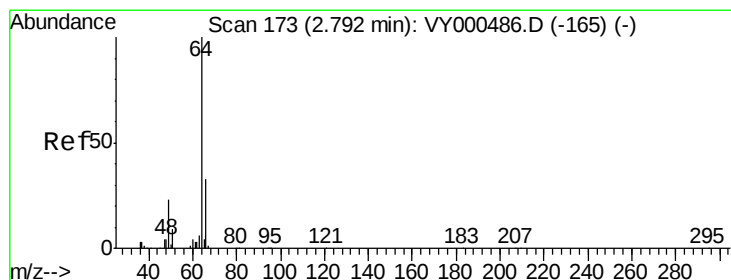
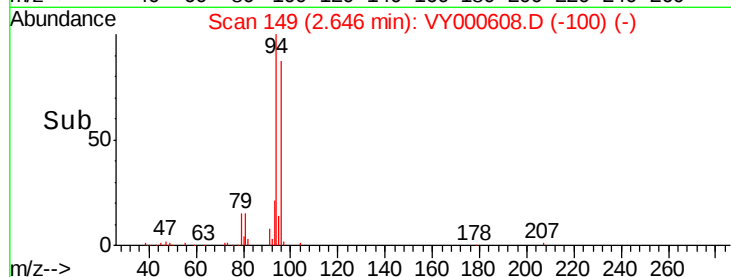
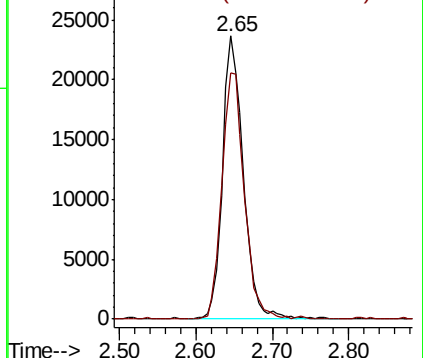
94 100

96 87.0 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.878 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000608.D

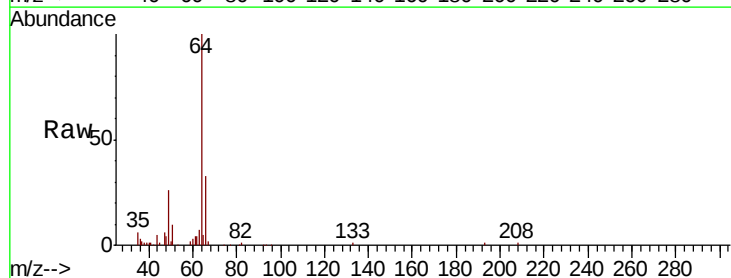
Acq: 08 Nov 2019 11:52

Tgt Ion: 64 Resp: 44060

Ion Ratio Lower Upper

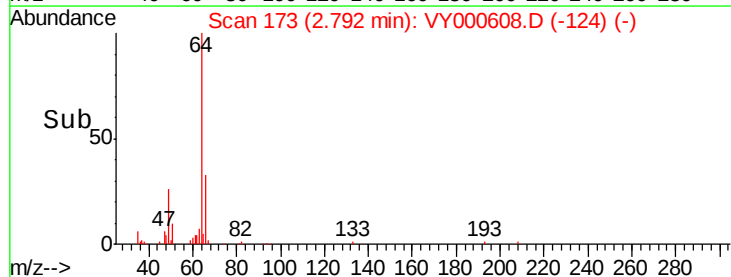
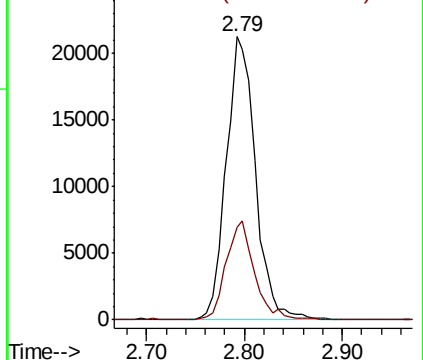
64 100

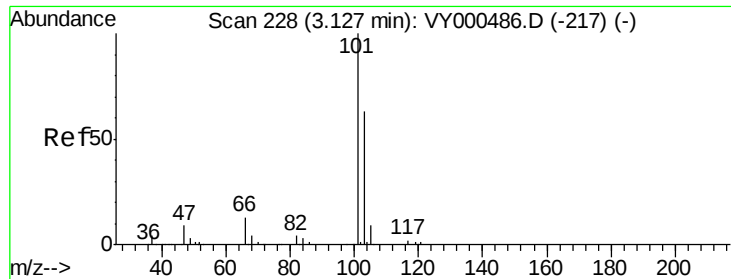
66 32.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



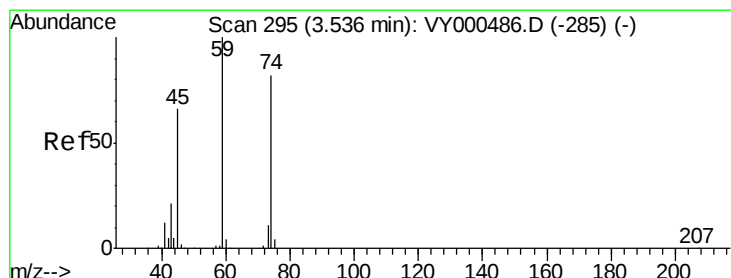
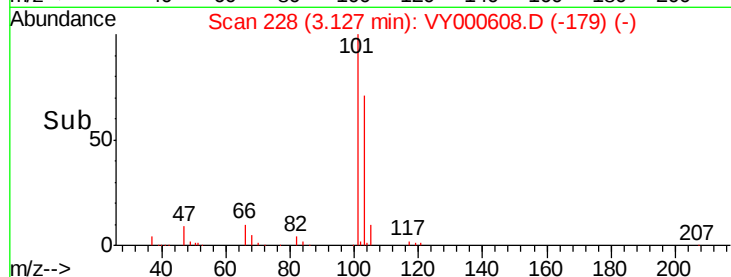
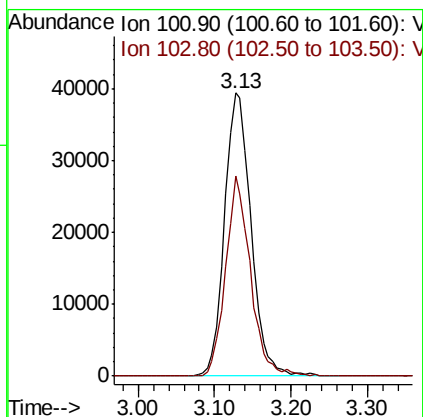
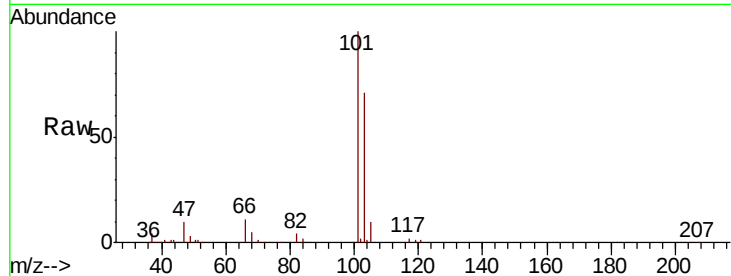


#7

Trichlorofluoromethane
 Concen: 20.790 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

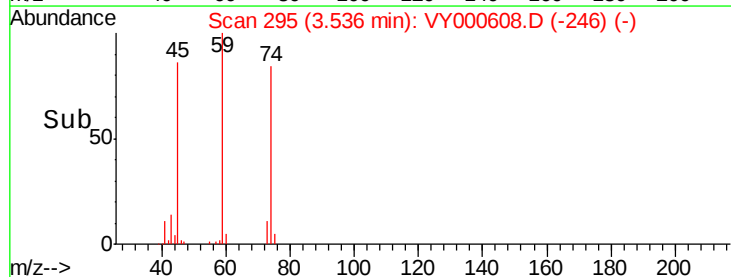
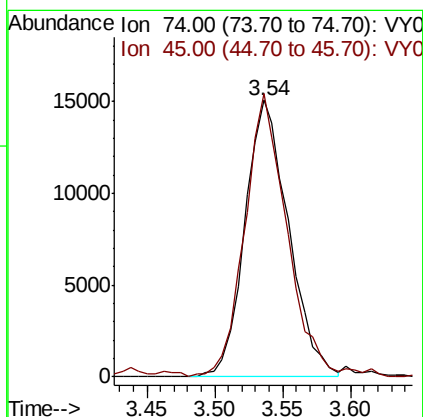
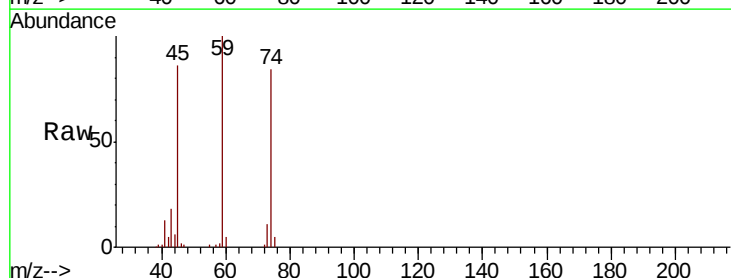
Tot Ion:101 Resp: 94673
 Ion Ratio Lower Upper
 101 100
 103 70.7 50.5 75.7



#8

Diethyl Ether
 Concen: 20.930 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 74 Resp: 33866
 Ion Ratio Lower Upper
 74 100
 45 99.7 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.948 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBSD01

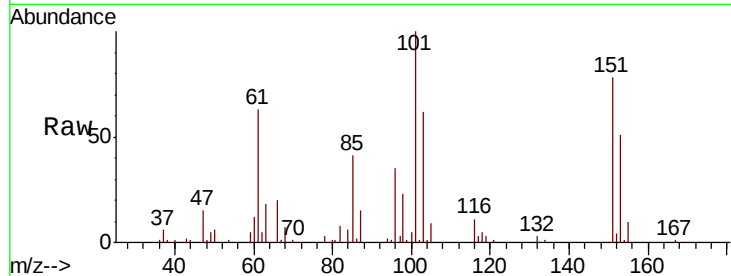
Tot Ion:101 Resp: 54917

Ion Ratio Lower Upper

101 100

85 44.5 36.7 55.1

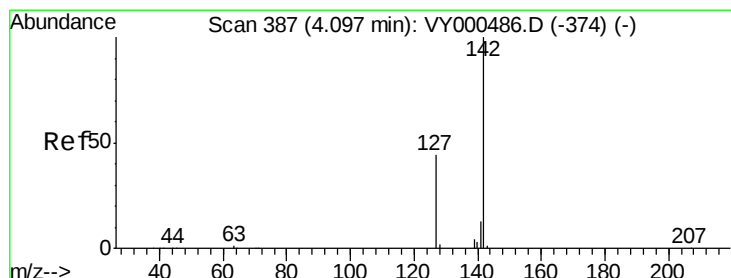
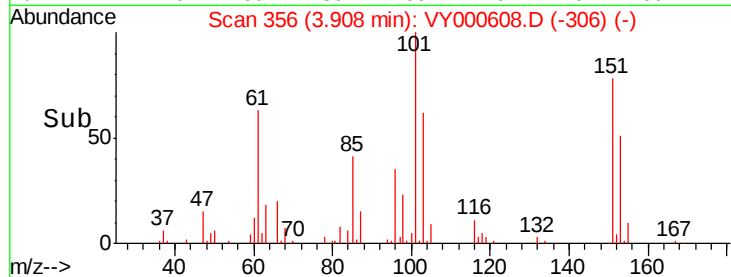
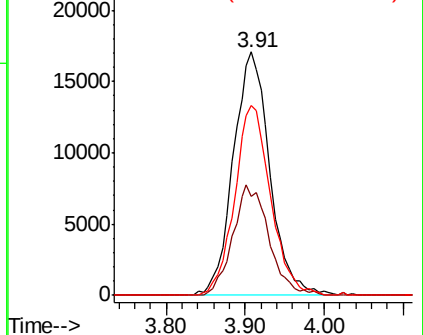
151 76.8 64.3 96.5



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: 20.951 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

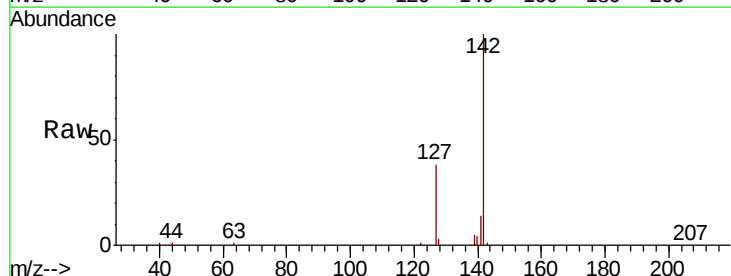
Tgt Ion:142 Resp: 68723

Ion Ratio Lower Upper

142 100

127 42.1 33.7 50.5

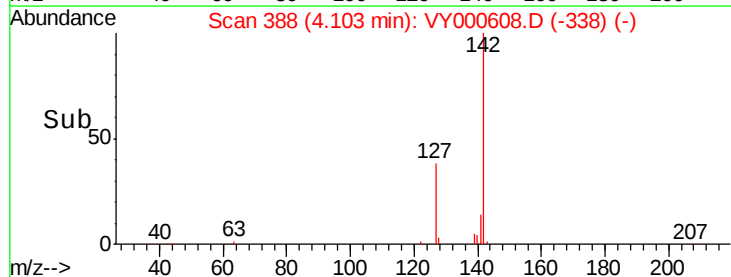
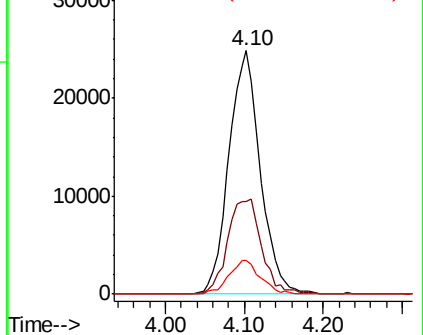
141 13.8 10.9 16.3

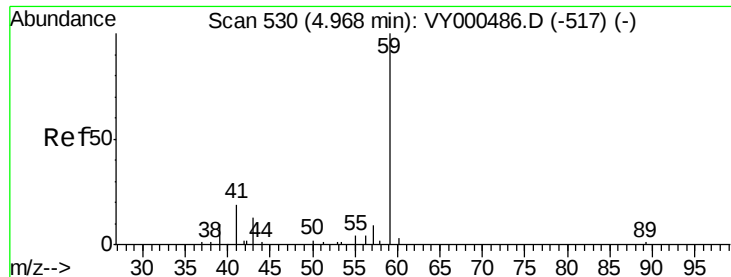


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



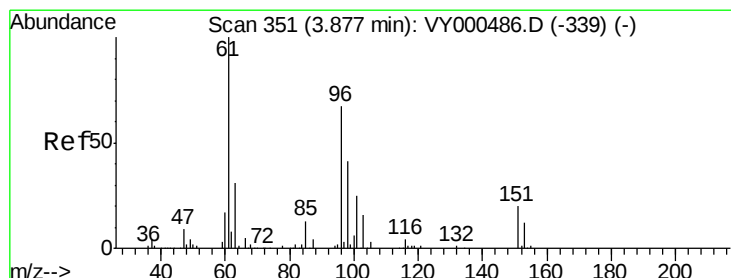
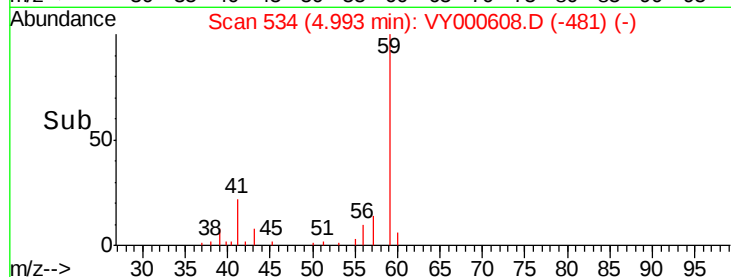
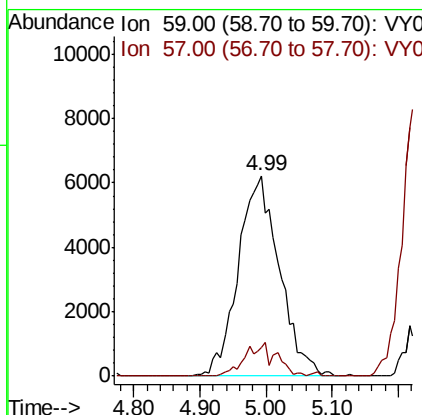
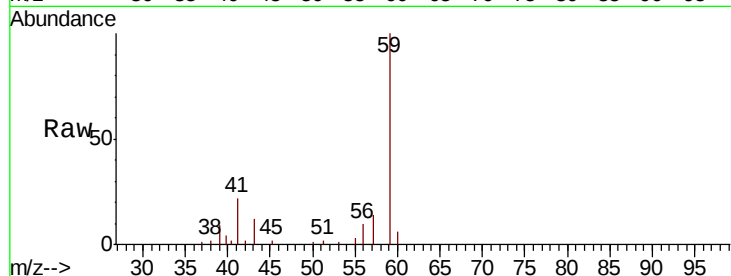


#11

Tert butyl alcohol
 Concen: 99.661 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

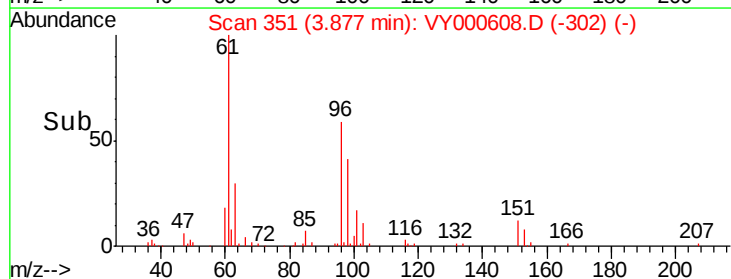
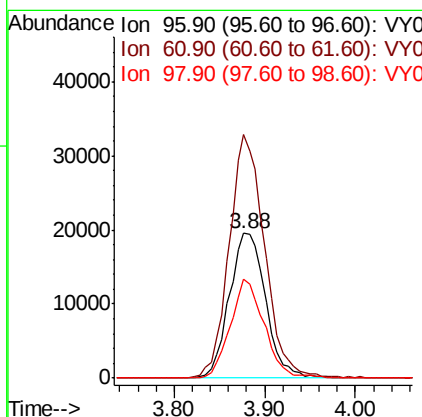
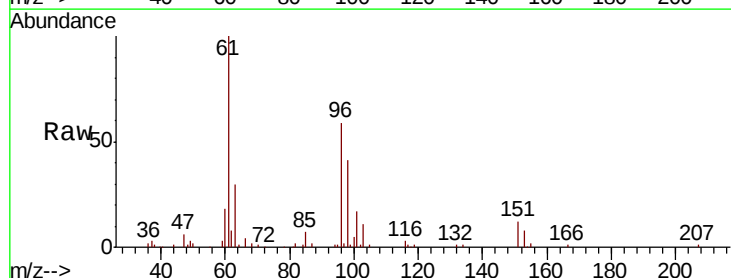
Tot Ion: 59 Resp: 26883
 Ion Ratio Lower Upper
 59 100
 57 4.7 8.6 12.8#

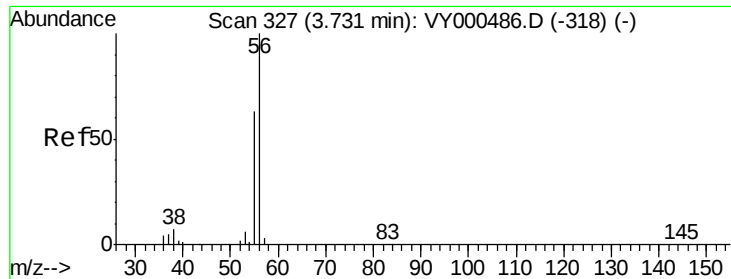


#12

1,1-Dichloroethene
 Concen: 20.334 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 96 Resp: 54386
 Ion Ratio Lower Upper
 96 100
 61 168.6 119.2 178.8
 98 68.4 48.6 73.0





#13

Acrolein

Concen: 79.400 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

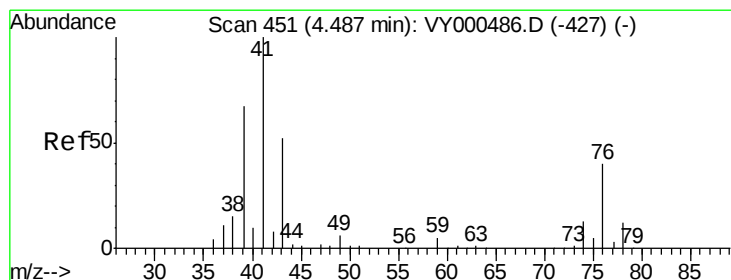
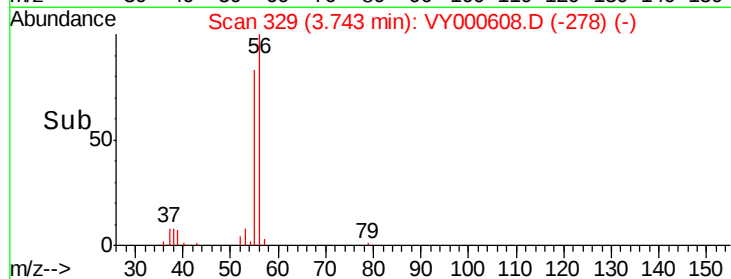
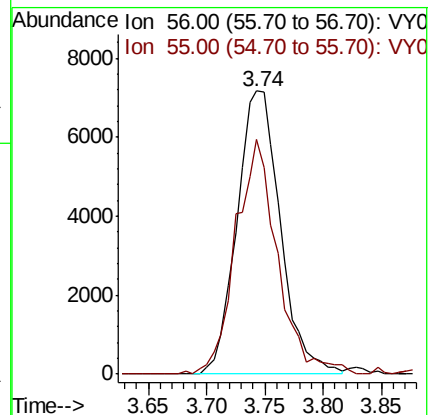
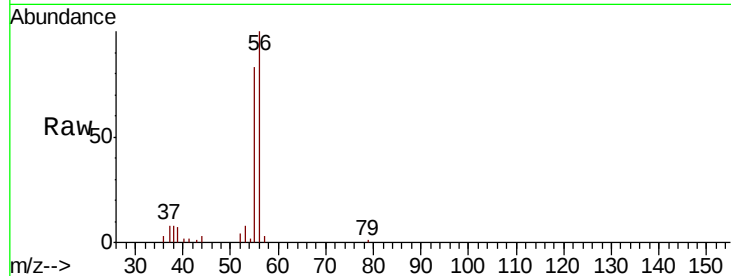
VY1108SBS01

Tot Ion: 56 Resp: 18656

Ion Ratio Lower Upper

56 100

55 79.9 57.0 85.6



#14

Allyl chloride

Concen: 21.856 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

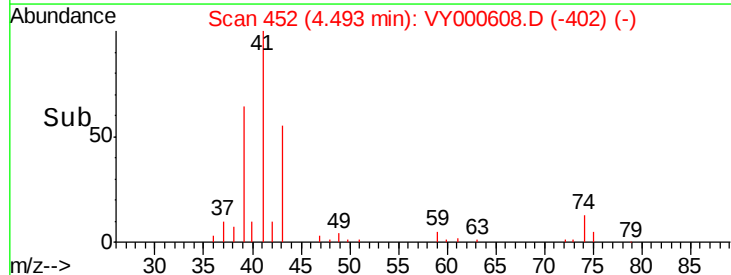
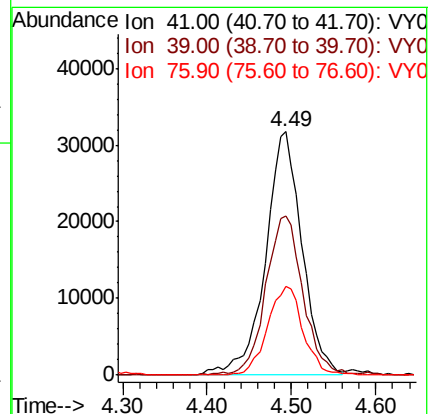
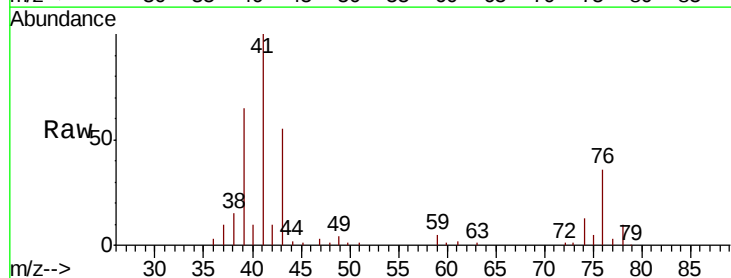
Tgt Ion: 41 Resp: 95055

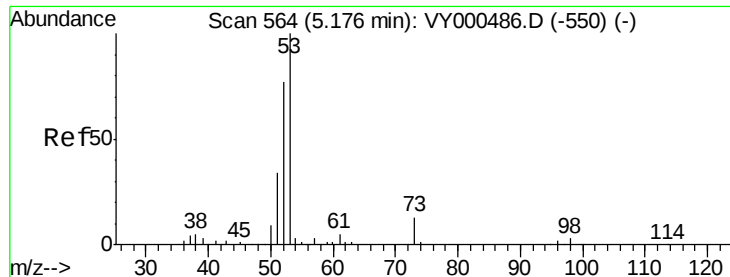
Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 35.5 29.8 44.6





#15

Acrylonitrile

Concen: 111.756 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

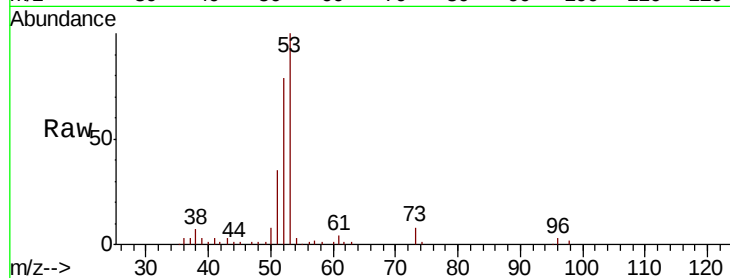
Tot Ion: 53 Resp: 92631

Ion Ratio Lower Upper

53 100

52 78.8 64.9 97.3

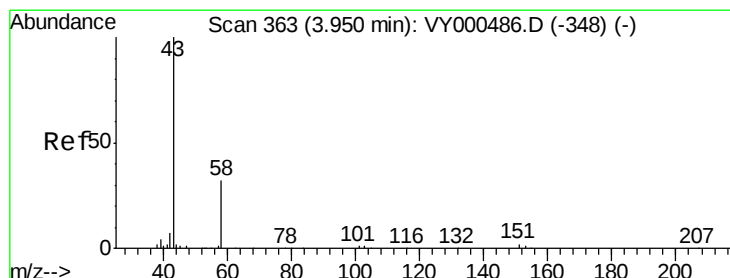
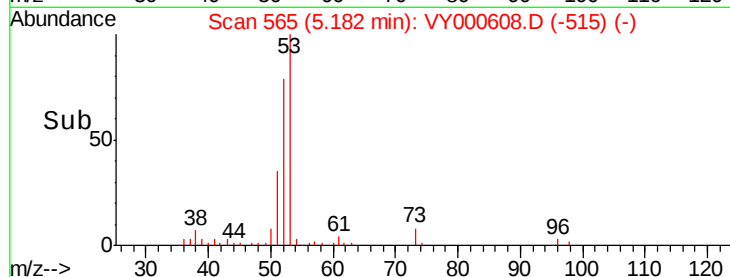
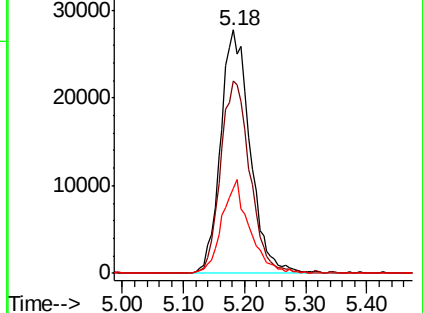
51 36.0 27.6 41.4



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

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

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



#16

Acetone

Concen: 88.743 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000608.D

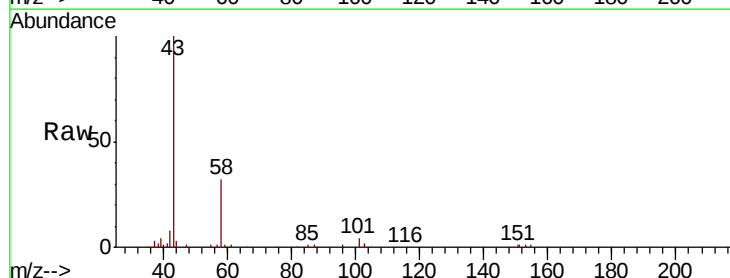
Acq: 08 Nov 2019 11:52

Tgt Ion: 43 Resp: 67776

Ion Ratio Lower Upper

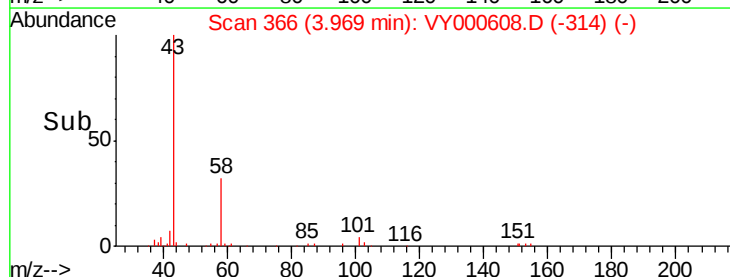
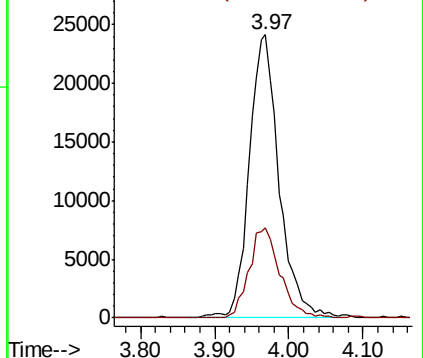
43 100

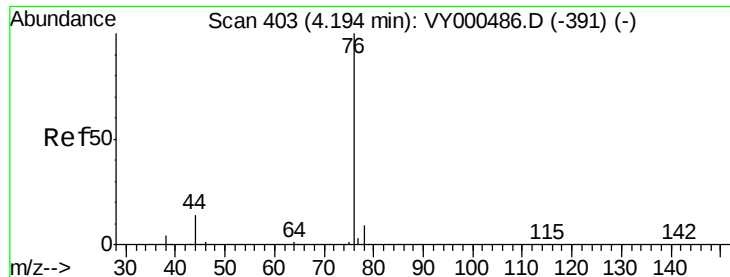
58 31.7 25.8 38.6



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

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





#17

Carbon Disulfide

Concen: 19.866 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

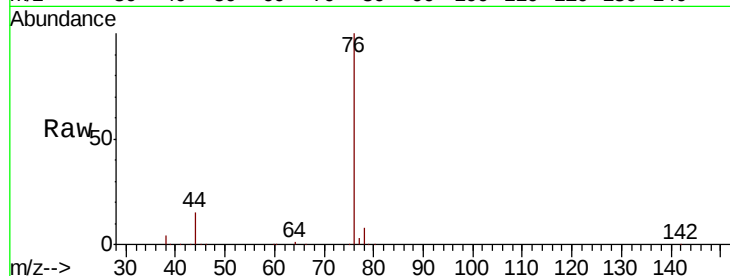
VY1108SBSD01

Tot Ion: 76 Resp: 167590

Ion Ratio Lower Upper

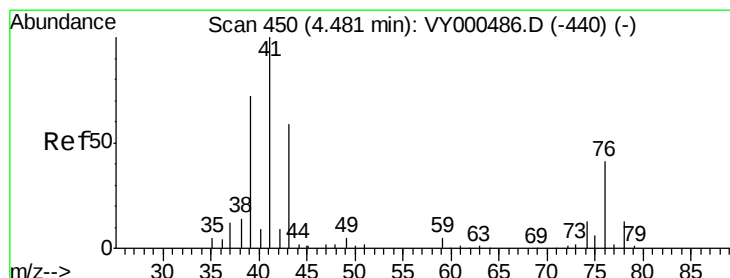
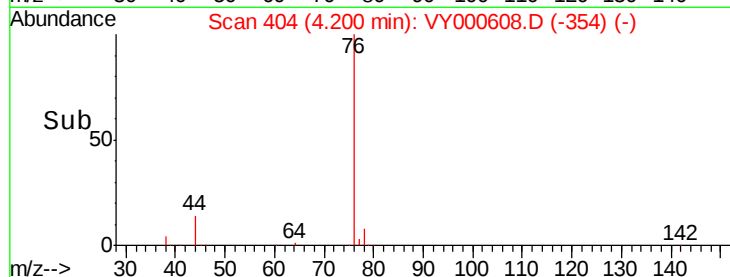
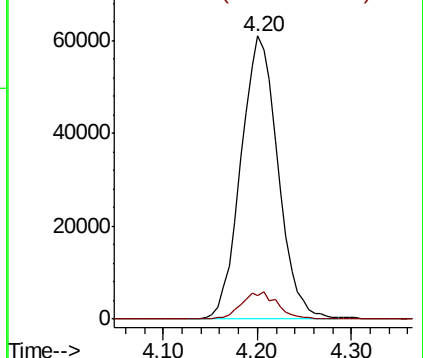
76 100

78 8.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.526 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000608.D

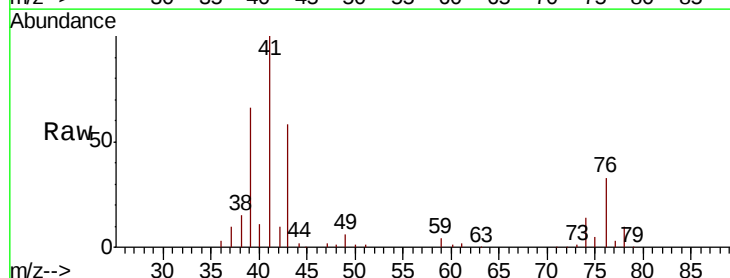
Acq: 08 Nov 2019 11:52

Tgt Ion: 43 Resp: 55866

Ion Ratio Lower Upper

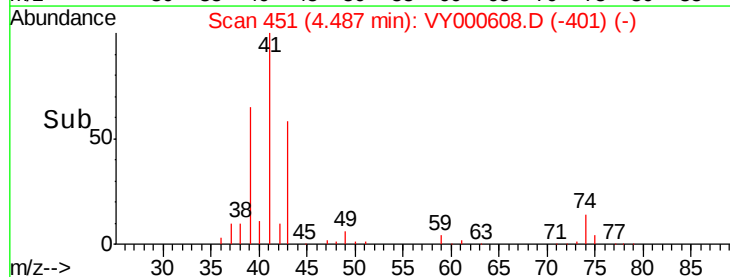
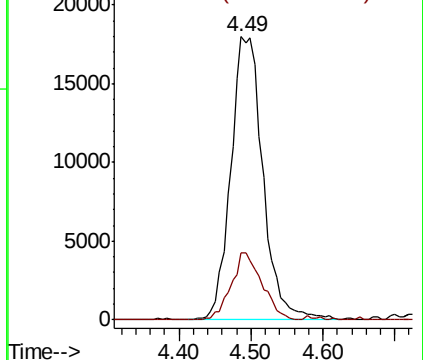
43 100

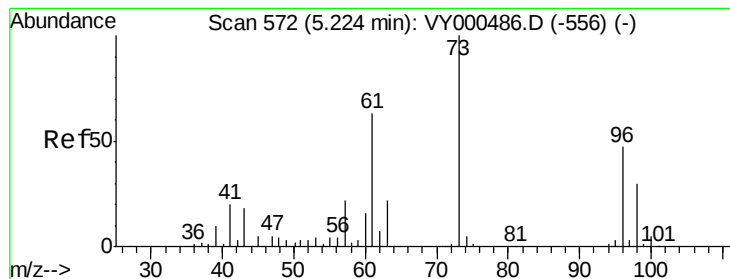
74 22.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



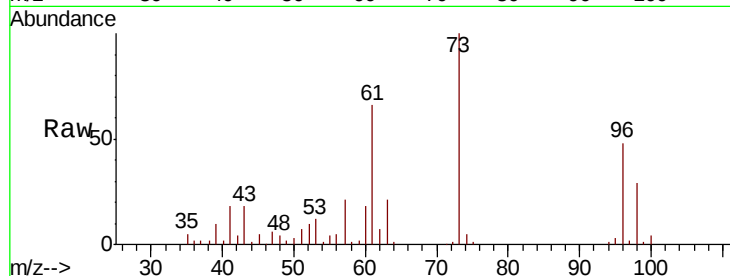


#19

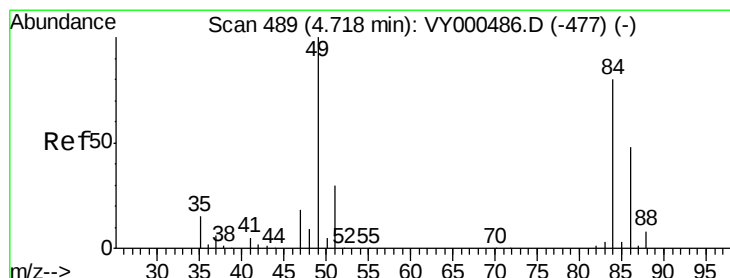
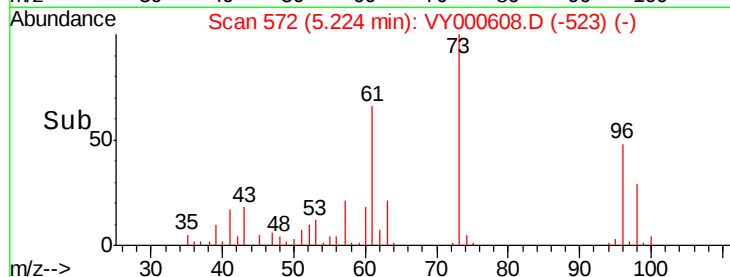
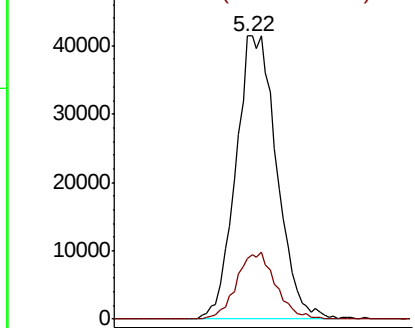
Methyl tert-butyl Ether
 Concen: 21.485 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 73 Resp: 159779
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.4 26.0



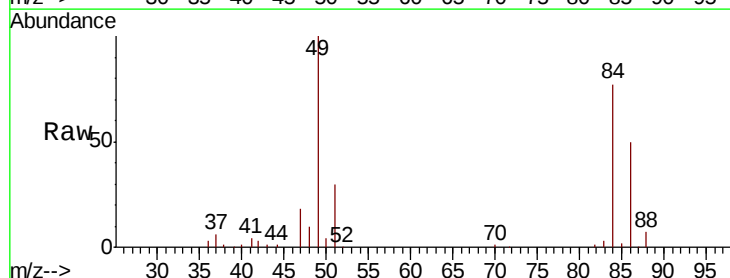
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



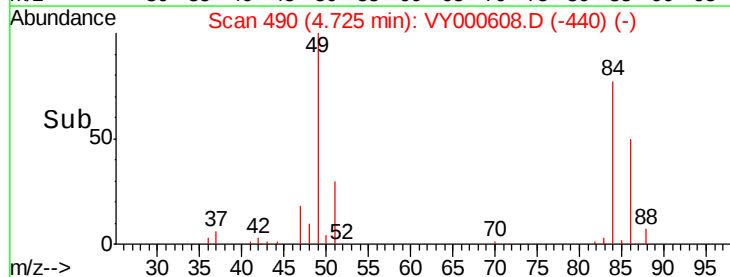
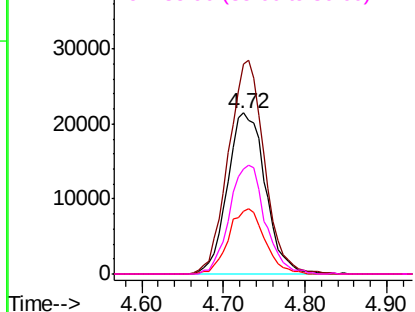
#20

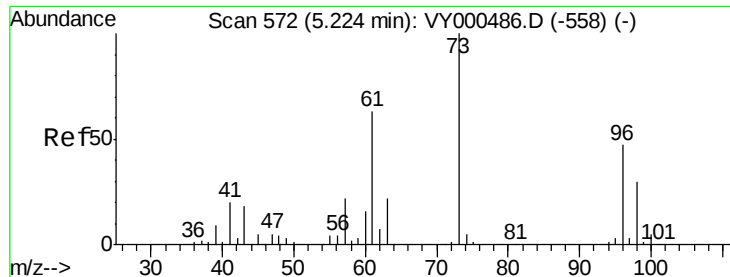
Methylene Chloride
 Concen: 21.167 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 84 Resp: 69269
 Ion Ratio Lower Upper
 84 100
 49 130.5 100.2 150.4
 51 39.3 29.6 44.4
 86 65.5 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0
 Ion 48.90 (48.60 to 49.60): VY0
 Ion 50.90 (50.60 to 51.60): VY0
 Ion 85.90 (85.60 to 86.60): VY0

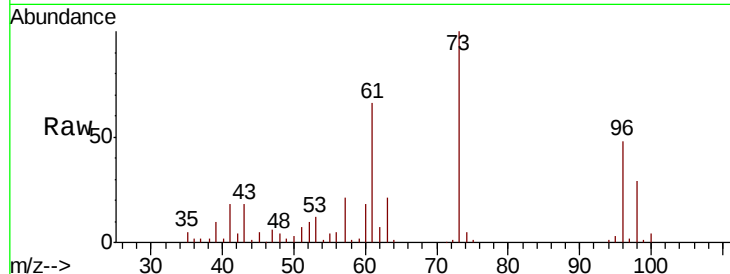




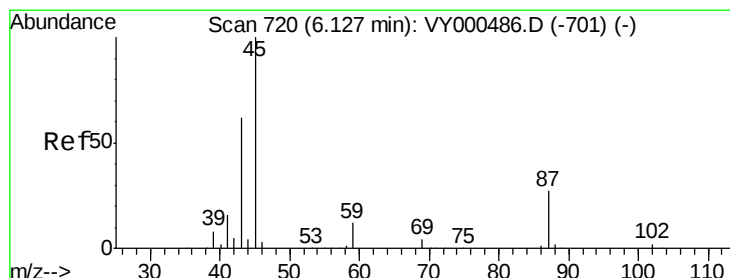
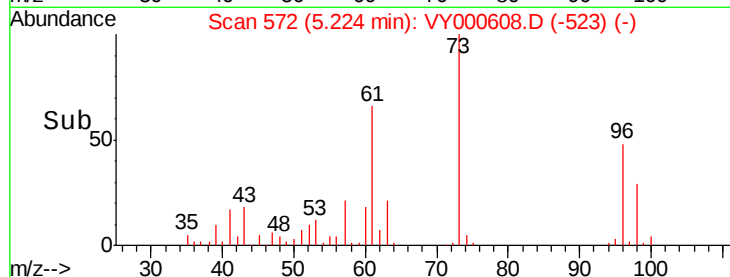
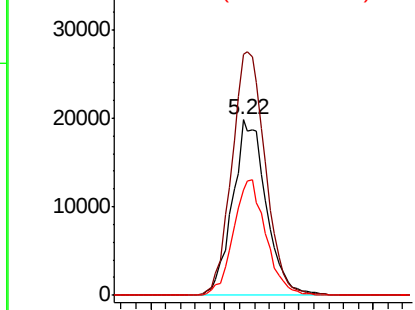
#21
trans-1,2-Dichloroethene
Concen: 20.707 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBSD01

Tot Ion: 96 Resp: 62614
Ion Ratio Lower Upper
96 100
61 137.3 106.6 160.0
98 60.0 50.6 76.0

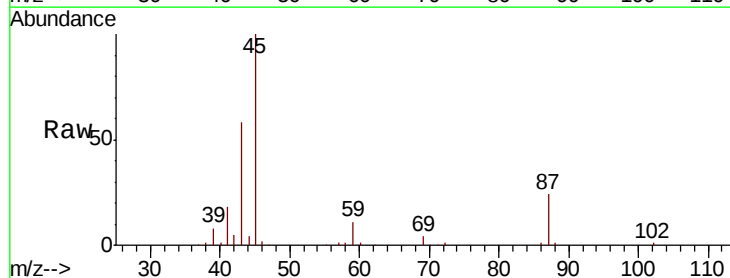


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

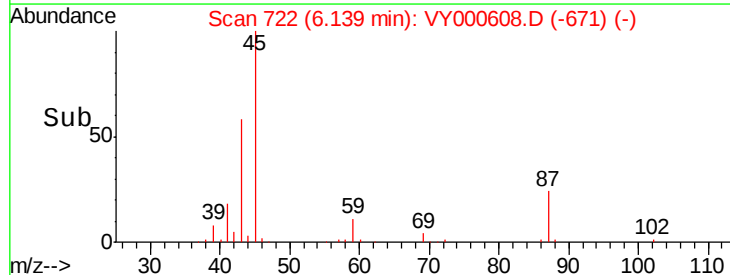
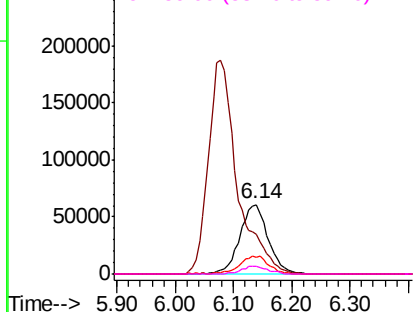


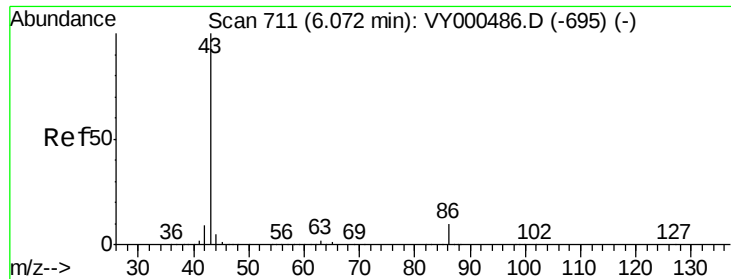
#22
Diisopropyl ether
Concen: 21.610 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 45 Resp: 204280
Ion Ratio Lower Upper
45 100
43 57.8 50.0 75.0
87 23.9 21.6 32.4
59 11.1 9.5 14.3



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





#23

Vinyl Acetate

Concen: 108.030 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

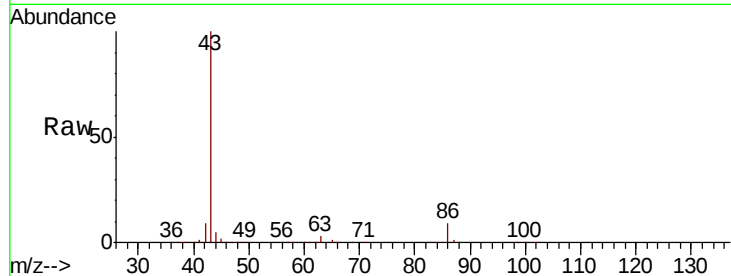
VY1108SBS01

Tot Ion: 43 Resp: 644653

Ion Ratio Lower Upper

43 100

86 9.3 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

200000

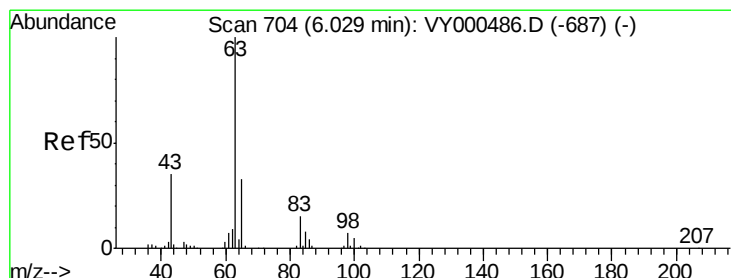
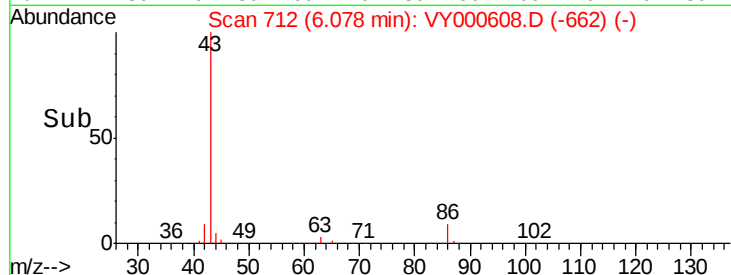
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.414 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

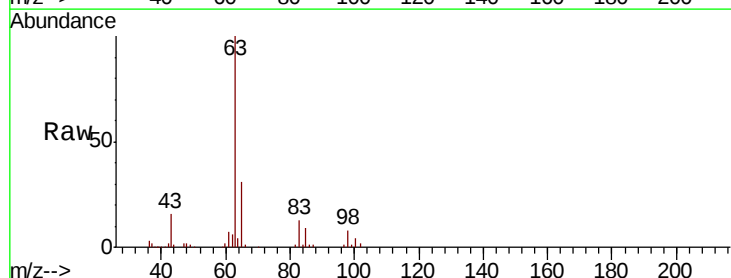
Tgt Ion: 63 Resp: 109665

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

100 4.5 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

6.03

50000

40000

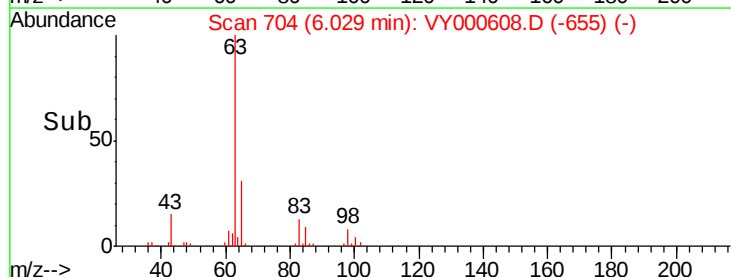
30000

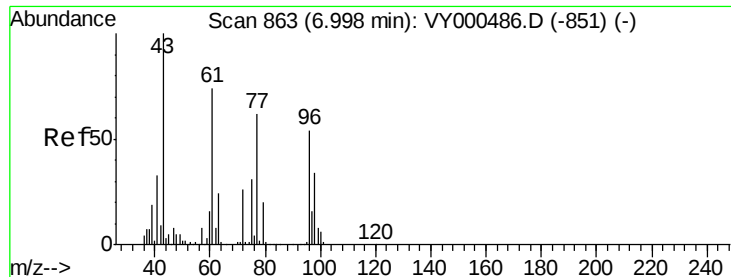
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.956 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

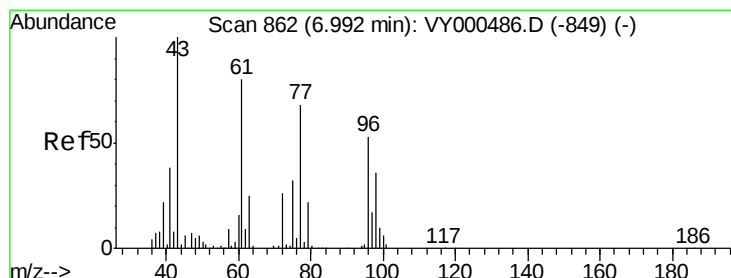
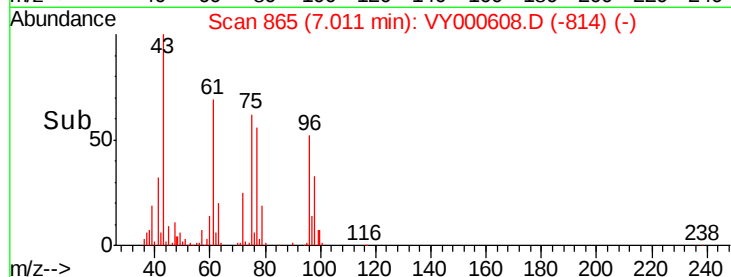
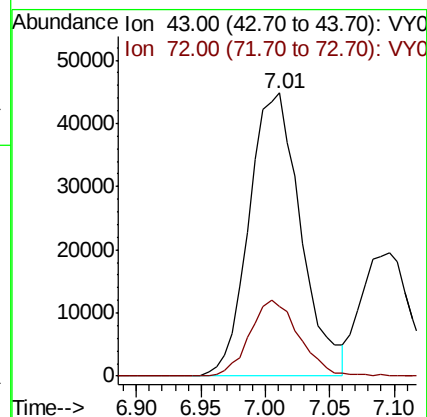
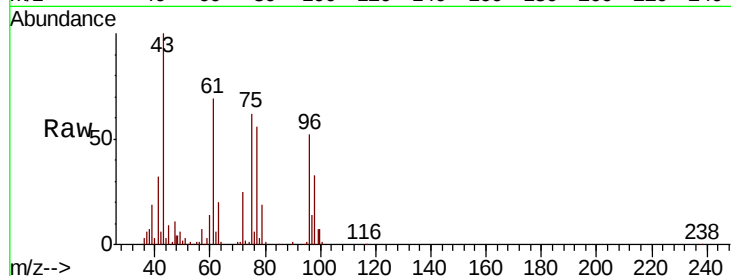
VY1108SBS01

Tot Ion: 43 Resp: 124271

Ion Ratio Lower Upper

43 100

72 24.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.061 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000608.D

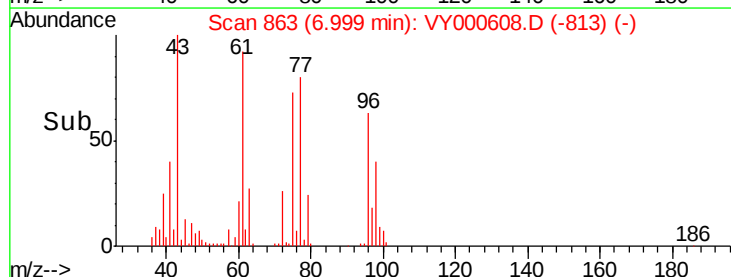
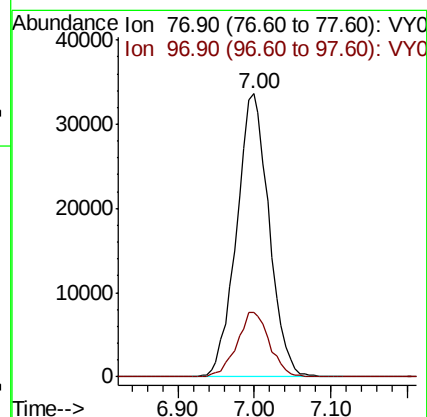
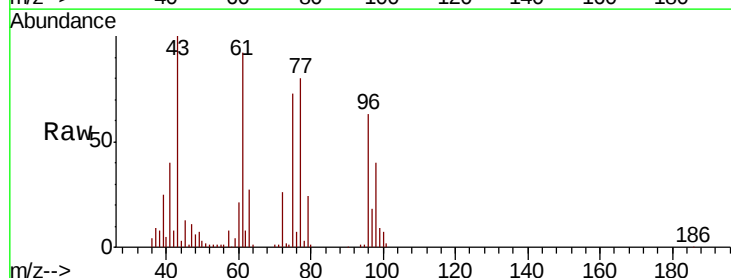
Acq: 08 Nov 2019 11:52

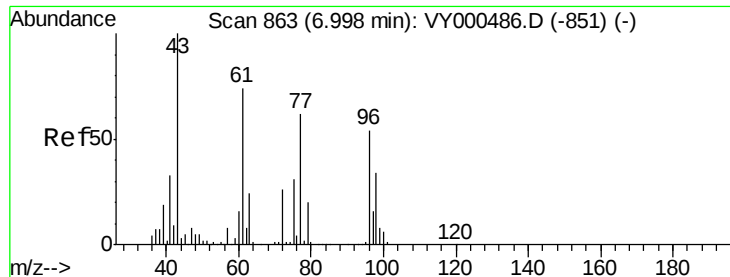
Tgt Ion: 77 Resp: 98566

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.4



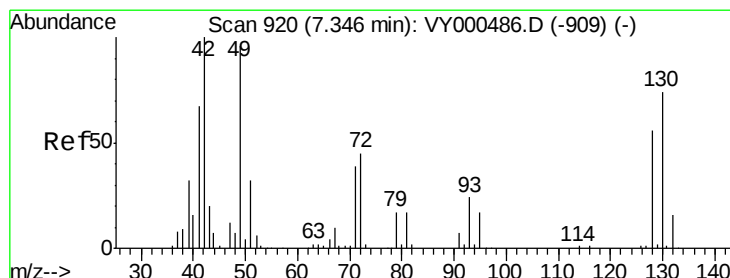
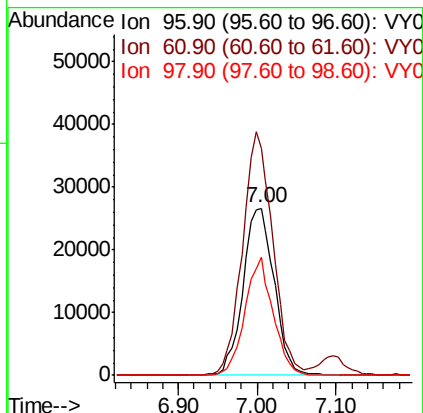
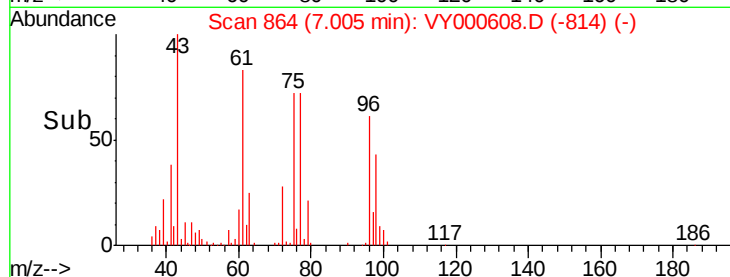
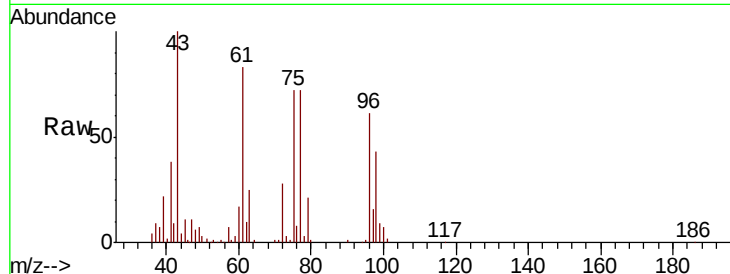


#27

cis-1,2-Dichloroethene
Concen: 22.132 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

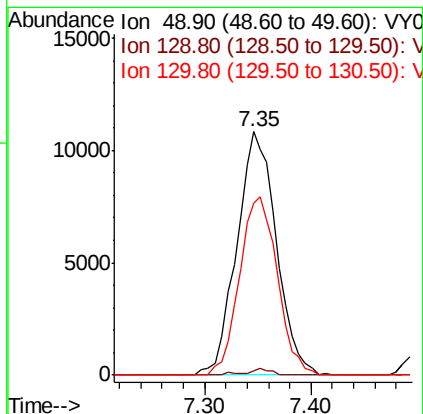
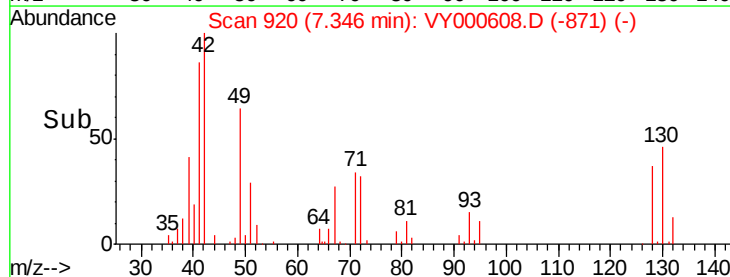
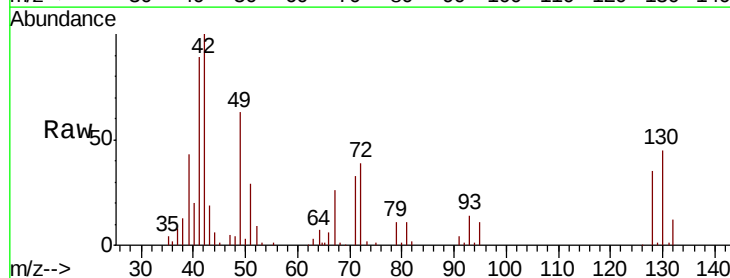
Tot Ion: 96 Resp: 73180
Ion Ratio Lower Upper
96 100
61 141.2 0.0 287.0
98 63.5 0.0 129.4

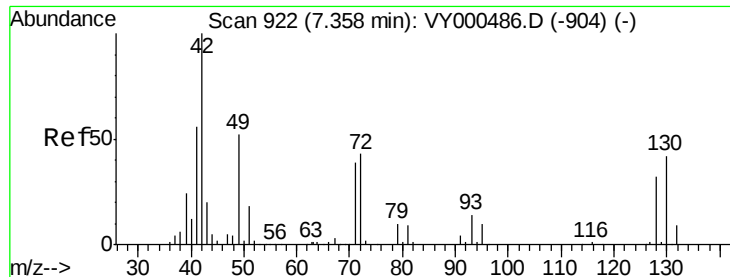


#28

Bromochloromethane
Concen: 15.169 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 49 Resp: 28176
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 70.1 59.4 89.0

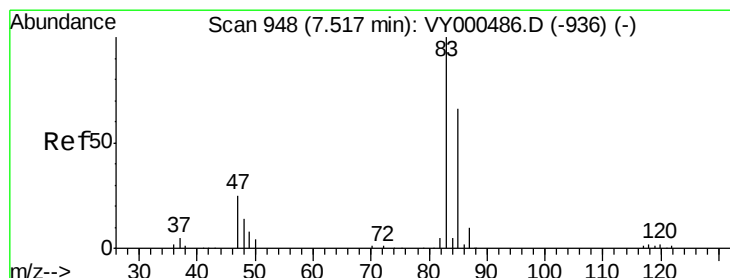
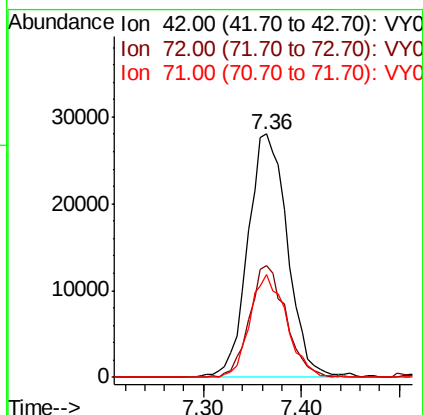
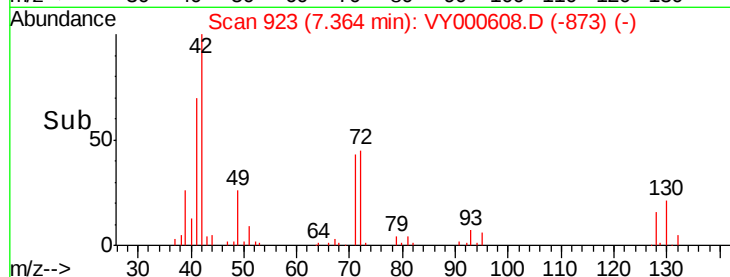
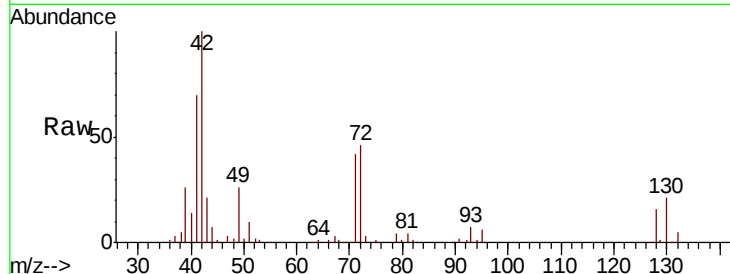




#29
Tetrahydrofuran
Concen: 106.272 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

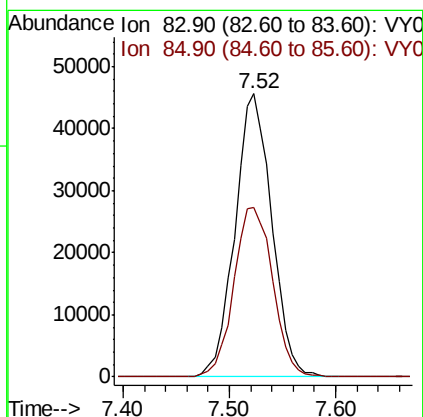
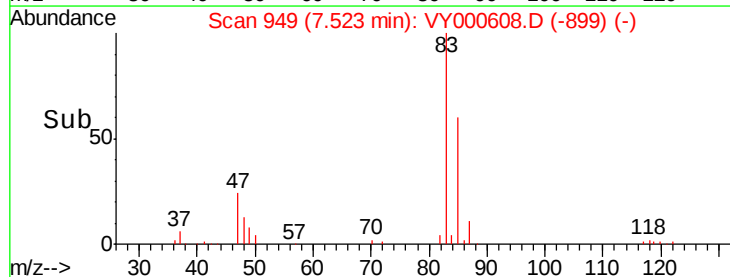
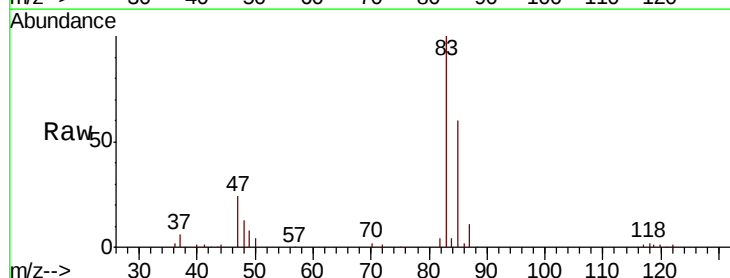
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

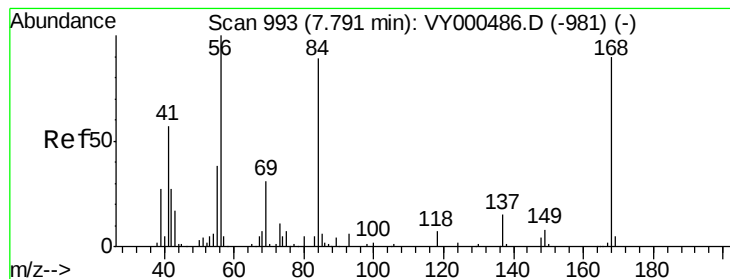
Tot Ion: 42 Resp: 79242
Ion Ratio Lower Upper
42 100
72 42.3 34.0 51.0
71 39.0 30.8 46.2



#30
Chloroform
Concen: 21.325 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 83 Resp: 110480
Ion Ratio Lower Upper
83 100
85 60.0 53.0 79.4





#31

Cyclohexane

Concen: 20.108 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBSD01

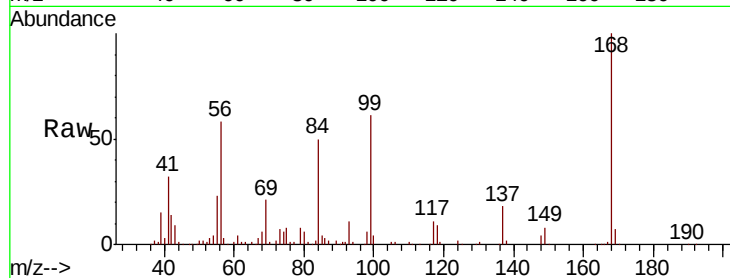
Tot Ion: 56 Resp: 107854

Ion Ratio Lower Upper

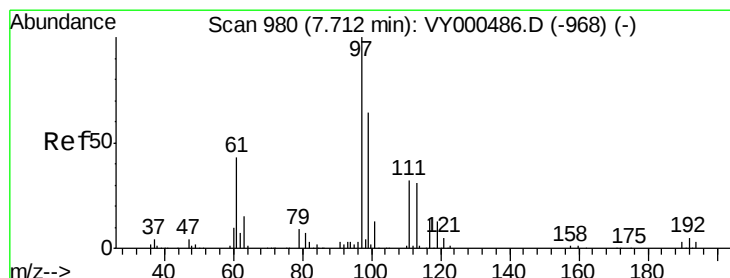
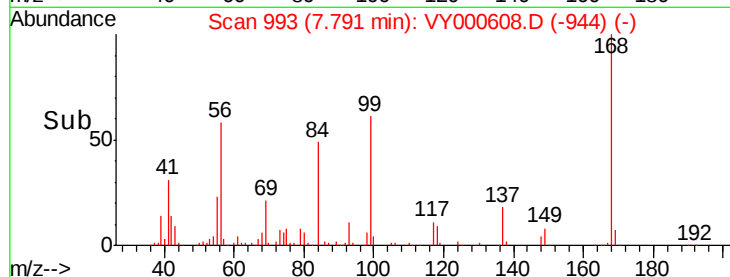
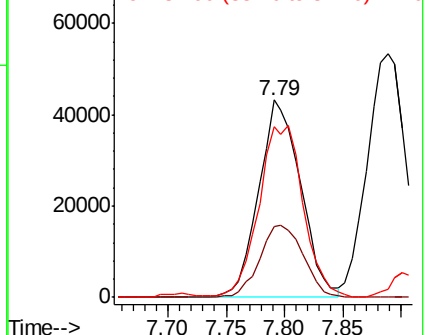
56 100

69 35.7 25.0 37.6

84 85.0 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 21.558 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

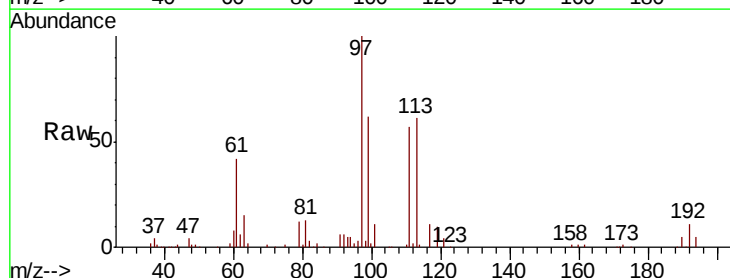
Tgt Ion: 97 Resp: 99536

Ion Ratio Lower Upper

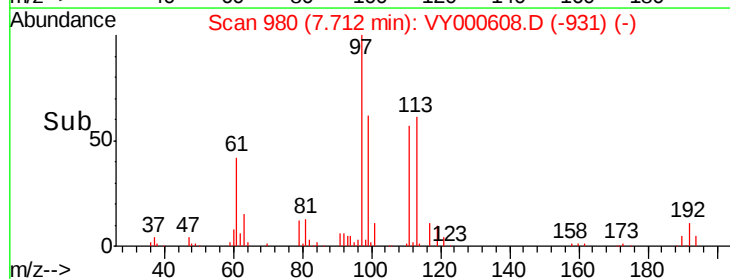
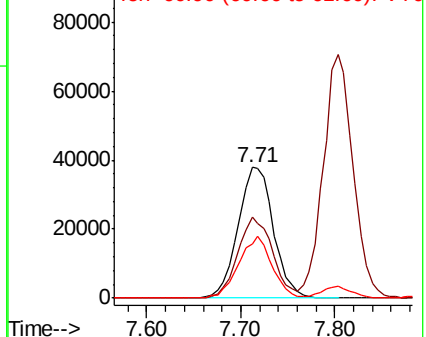
97 100

99 60.9 50.9 76.3

61 44.1 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

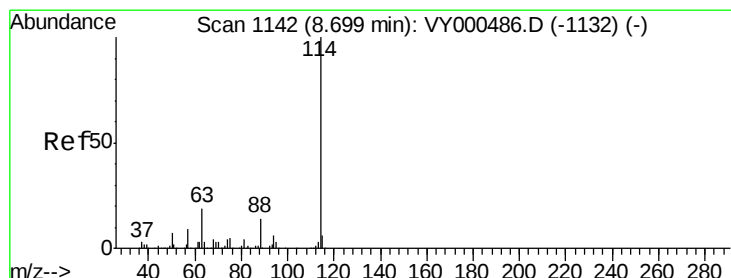
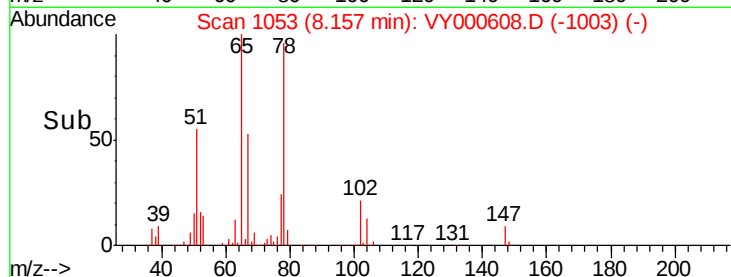
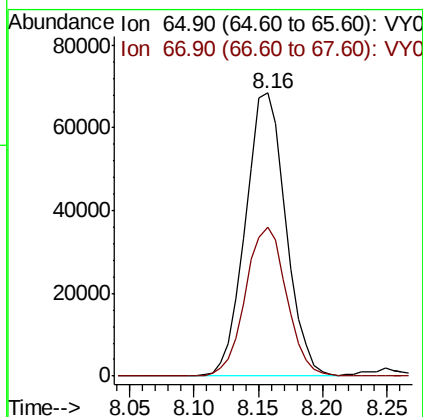
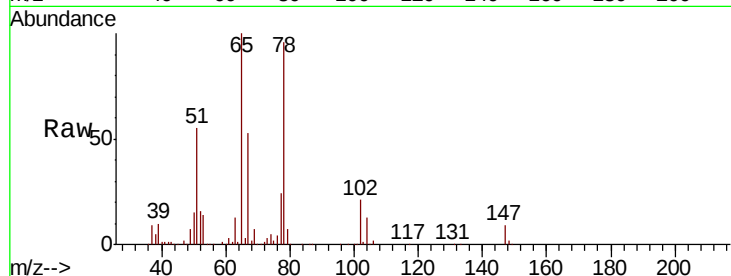




#33
 1,2-Dichloroethane-d4
 Concen: 53.678 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

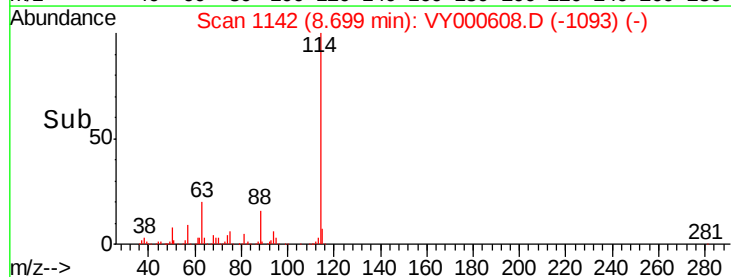
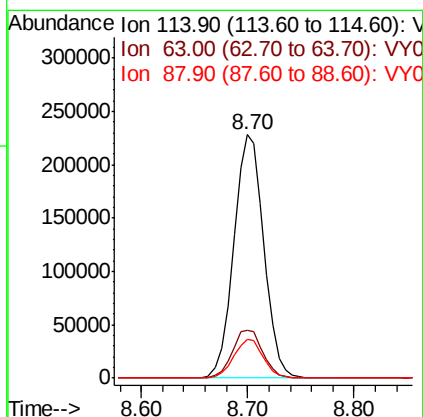
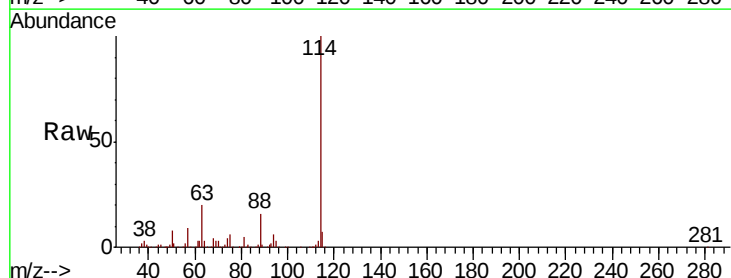
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

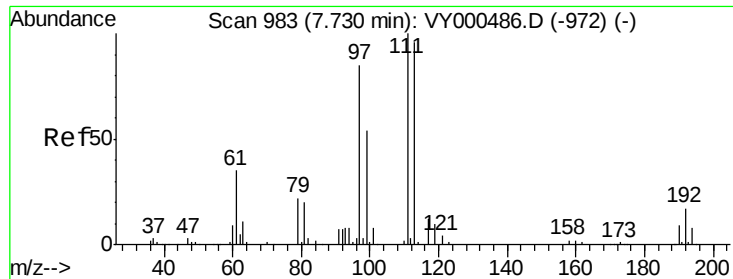
Tot Ion: 65 Resp: 148743
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 114 Resp: 449533
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 16.0 0.0 28.6

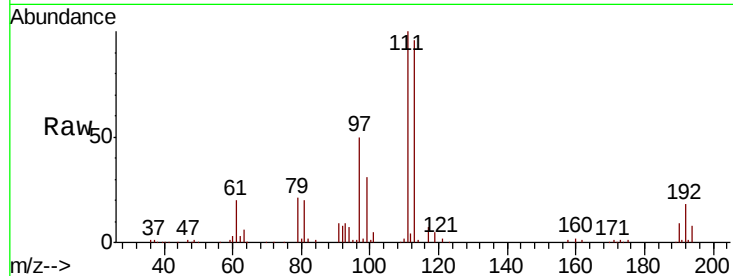




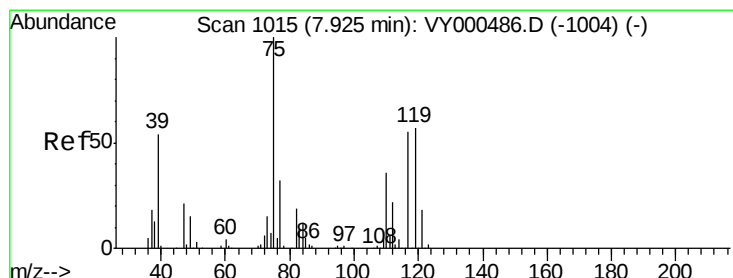
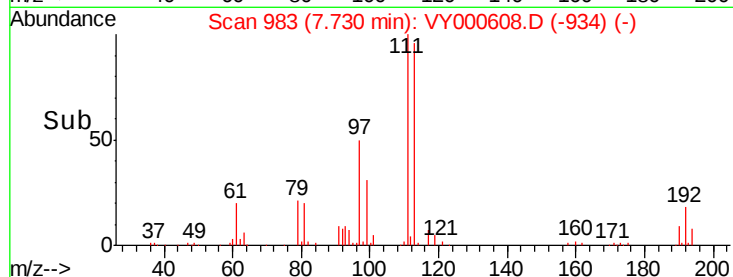
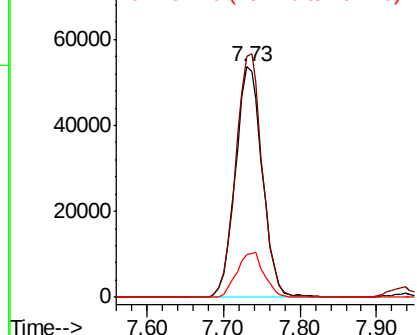
#35
 Dibromofluoromethane
 Concen: 49.426 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBSD01

Tot Ion:113 Resp: 130439
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 19.8 15.0 22.4

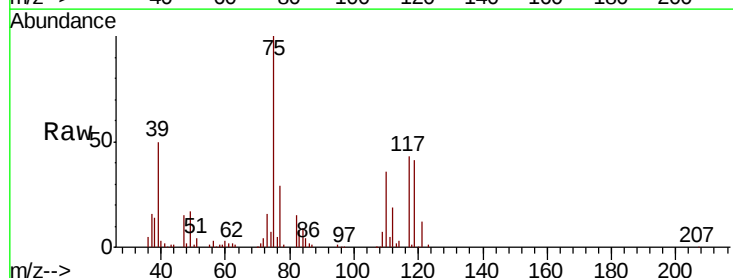


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

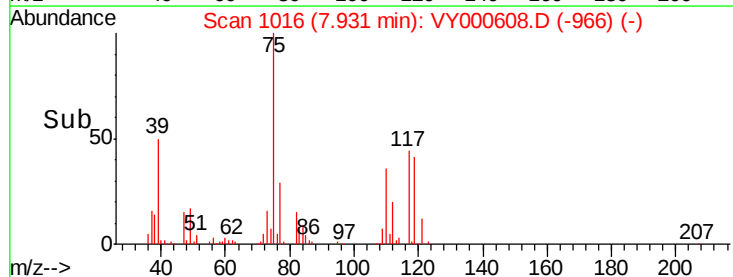
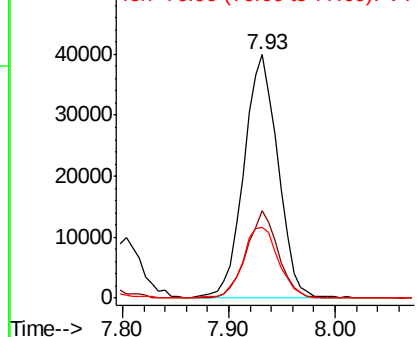


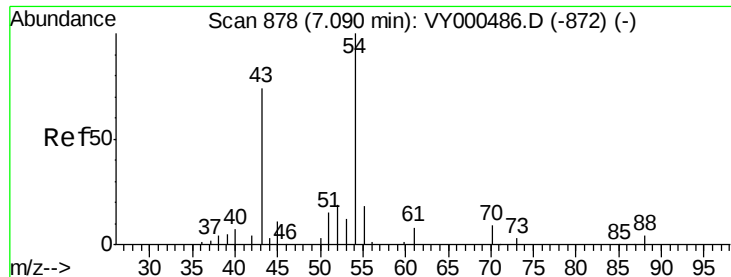
#36
 1,1-Dichloropropene
 Concen: 21.192 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 75 Resp: 90057
 Ion Ratio Lower Upper
 75 100
 110 33.2 18.1 54.1
 77 30.6 25.0 37.6



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

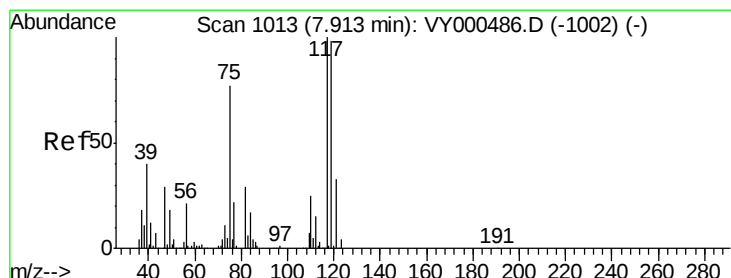
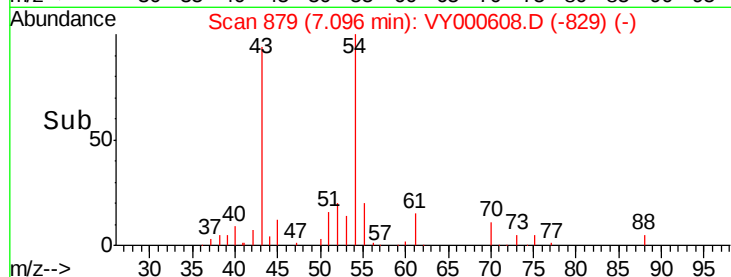
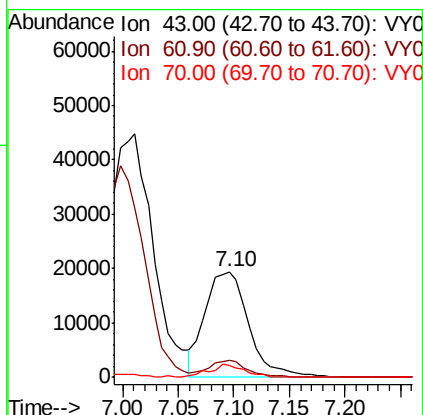
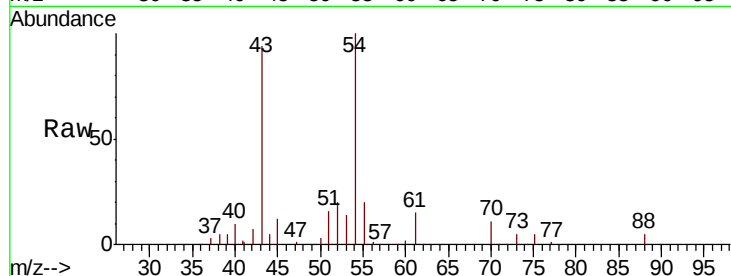




#37
Ethyl Acetate
Concen: 20.821 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

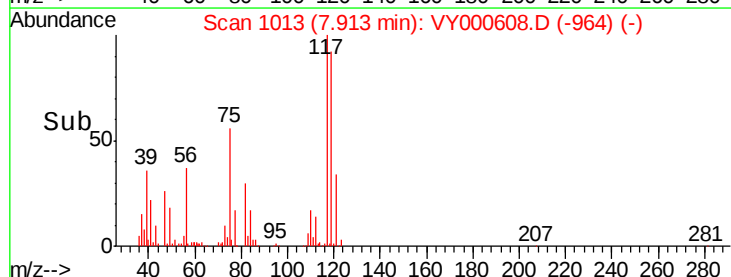
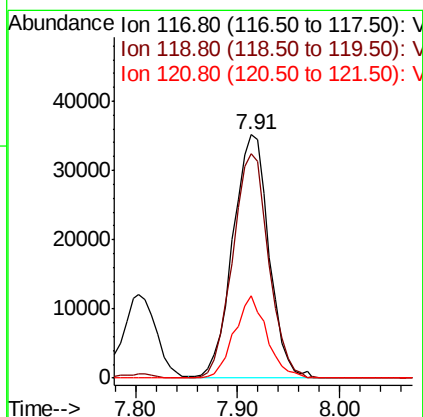
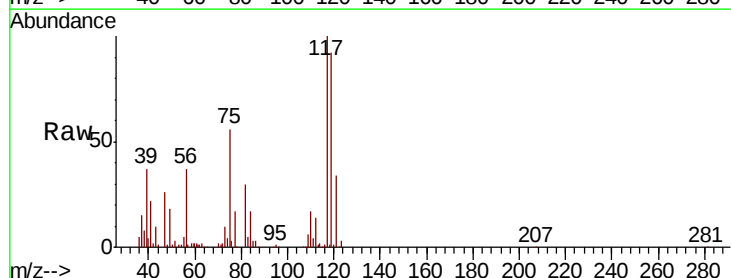
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

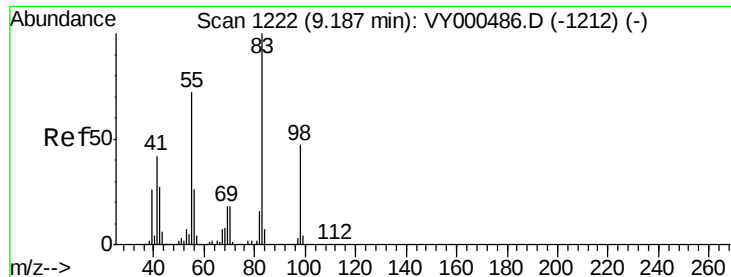
Tot Ion: 43 Resp: 52531
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.106 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 117 Resp: 86305
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0
121 33.8 26.6 40.0

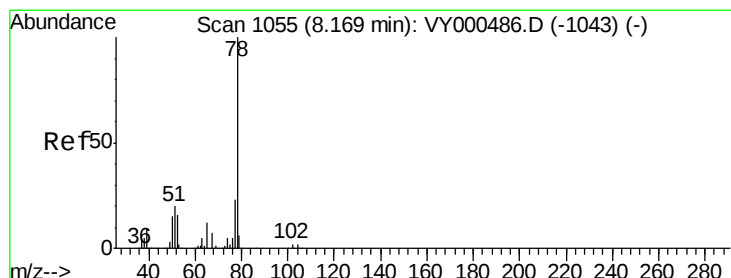
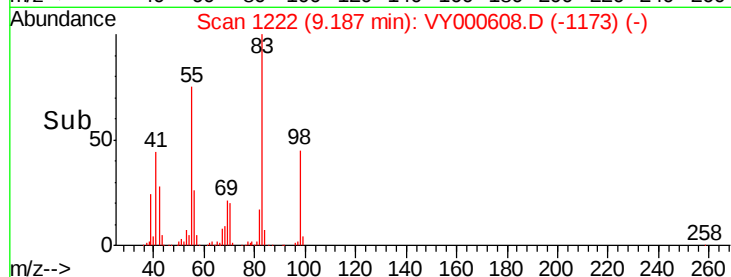
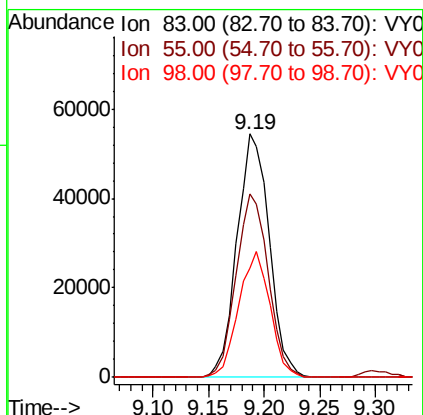
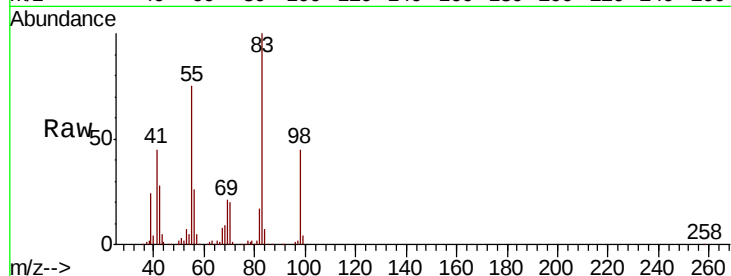




#39
Methvlcvclohexane
Concen: 19.913 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

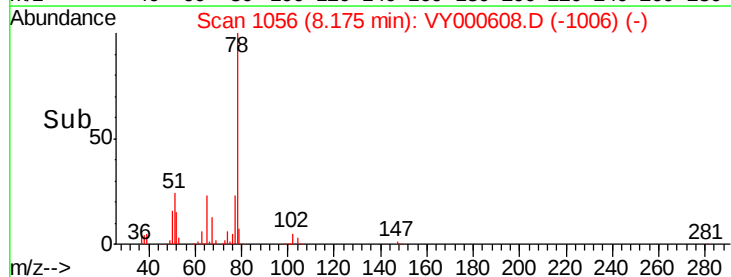
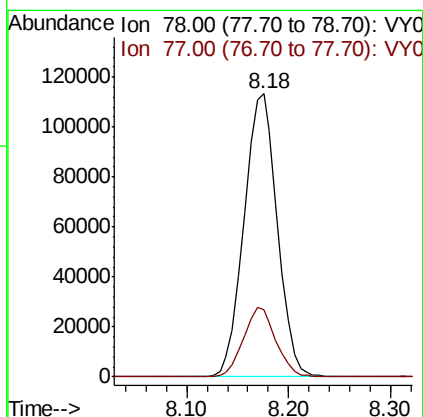
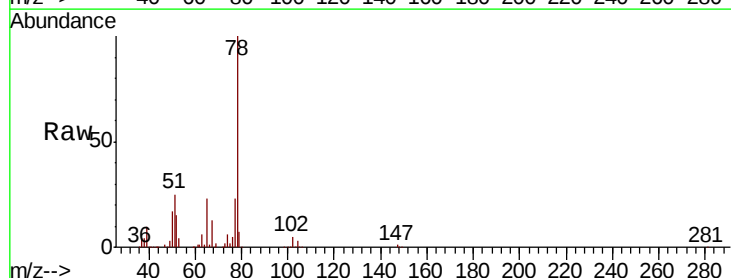
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

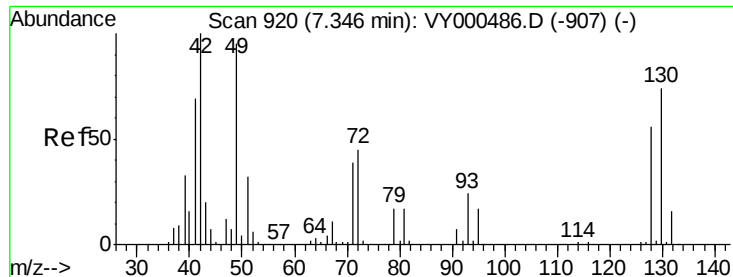
Tot Ion: 83 Resp: 109327
Ion Ratio Lower Upper
83 100
55 75.2 57.5 86.3
98 45.1 38.0 57.0



#40
Benzene
Concen: 20.622 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 78 Resp: 256936
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41

Methacrylonitrile

Concen: 52.678 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 41 Resp: 74145

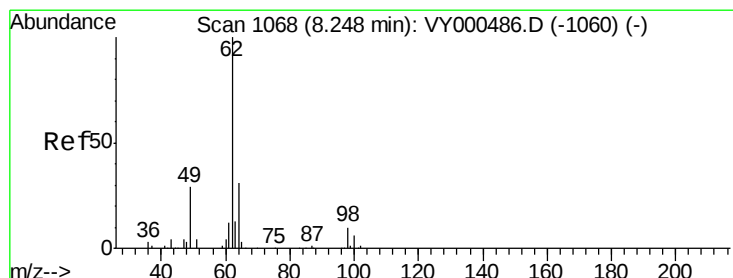
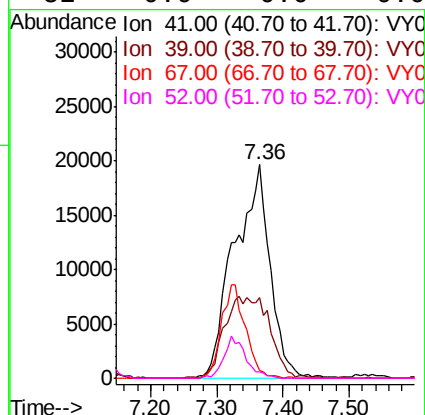
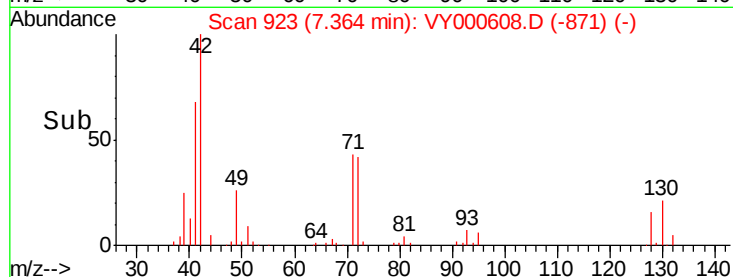
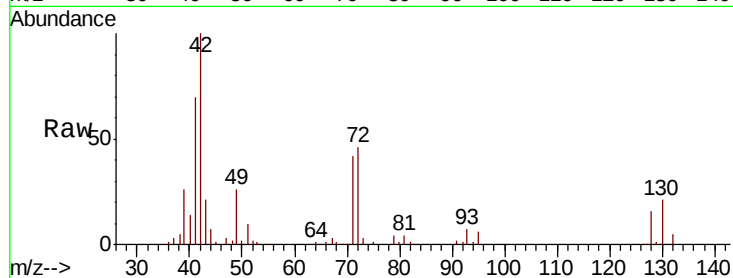
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 21.041 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000608.D

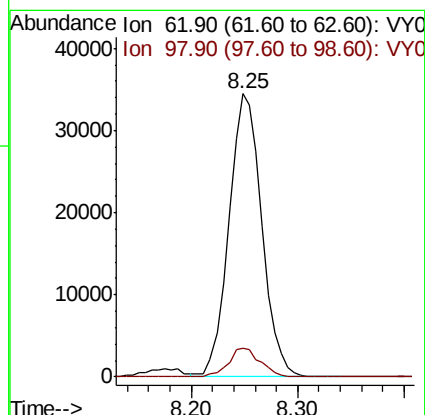
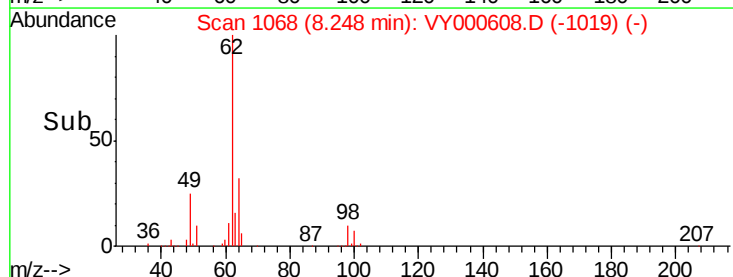
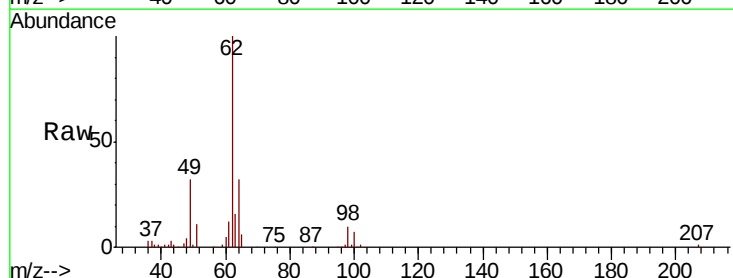
Acq: 08 Nov 2019 11:52

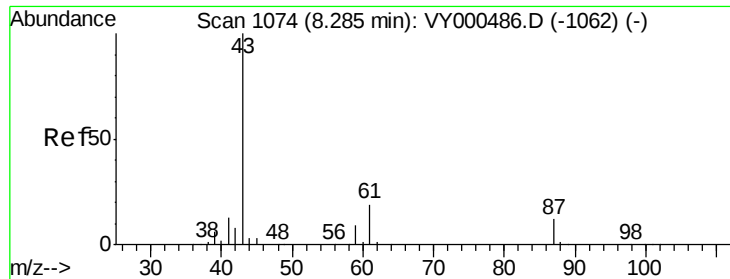
Tgt Ion: 62 Resp: 74354

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.174 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

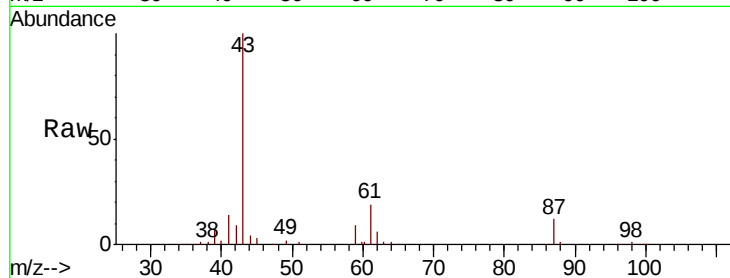
Tot Ion: 43 Resp: 100357

Ion Ratio Lower Upper

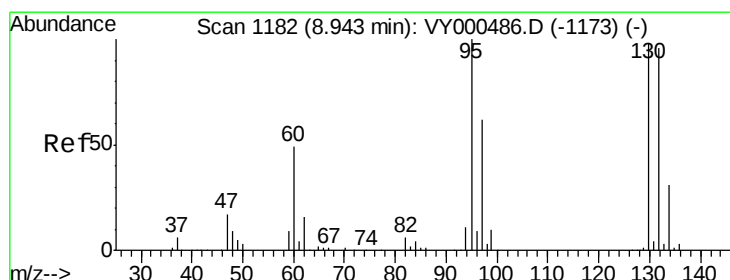
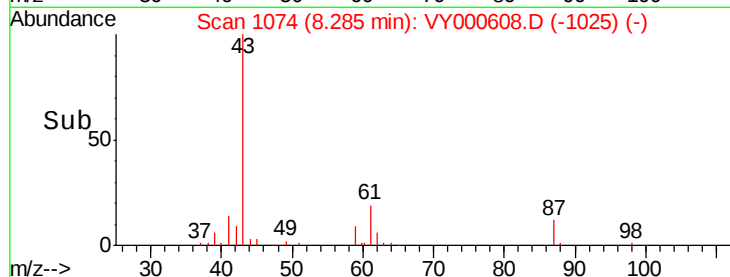
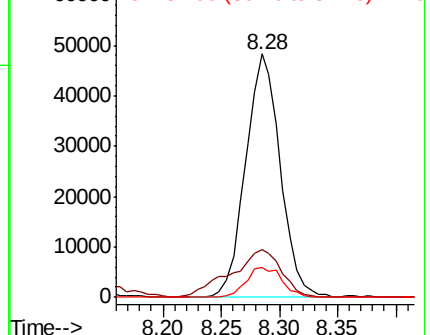
43 100

61 28.3 23.0 34.4

87 12.9 10.5 15.7



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



#44

Trichloroethene

Concen: 20.267 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000608.D

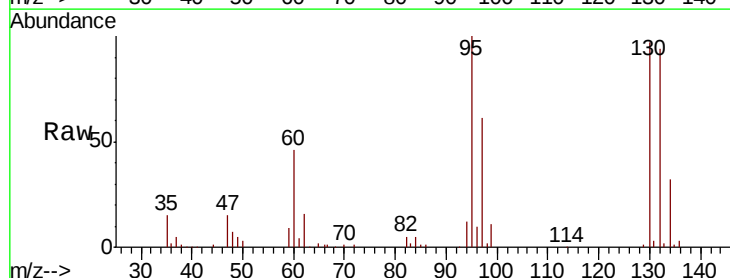
Acq: 08 Nov 2019 11:52

Tgt Ion:130 Resp: 66578

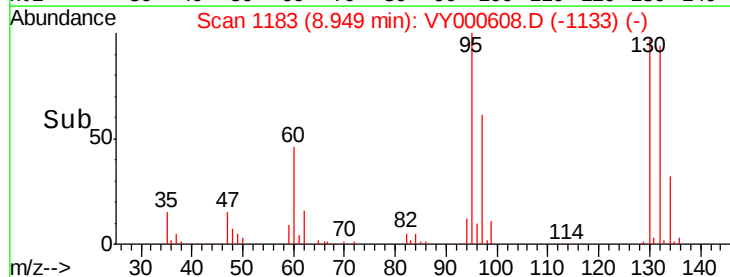
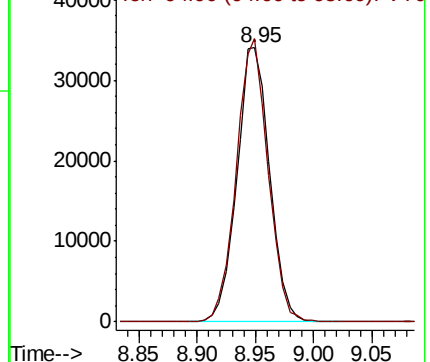
Ion Ratio Lower Upper

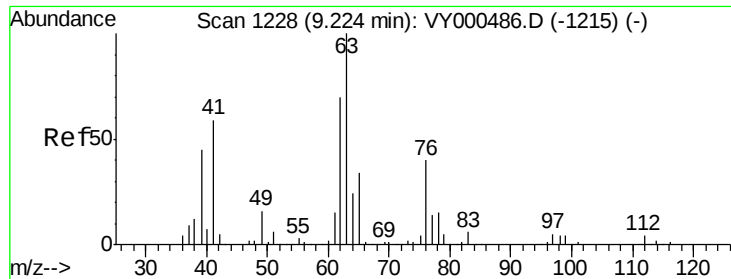
130 100

95 103.4 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

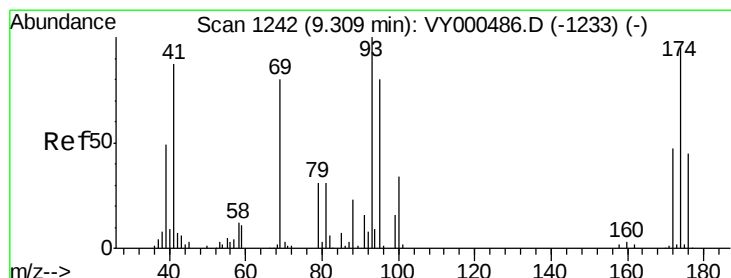
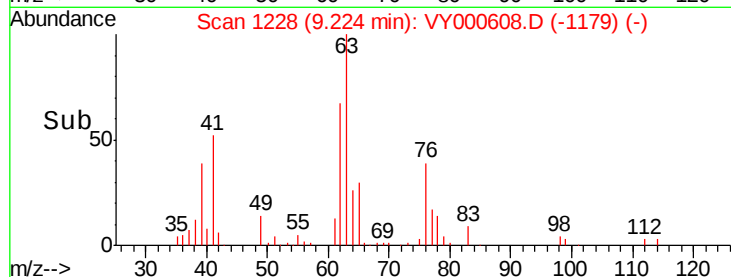
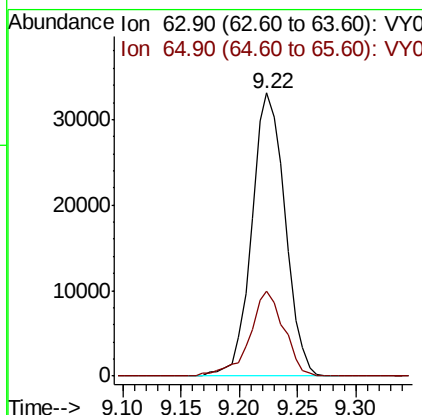
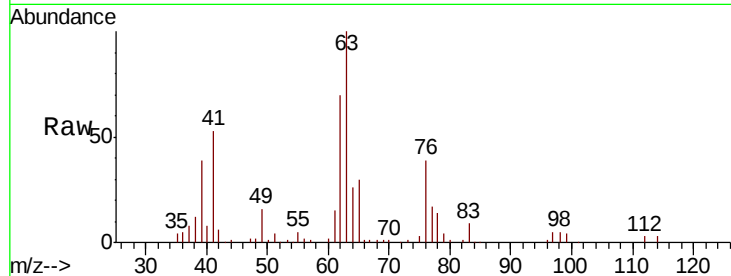




#45
 1,2-Dichloropropane
 Concen: 21.449 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

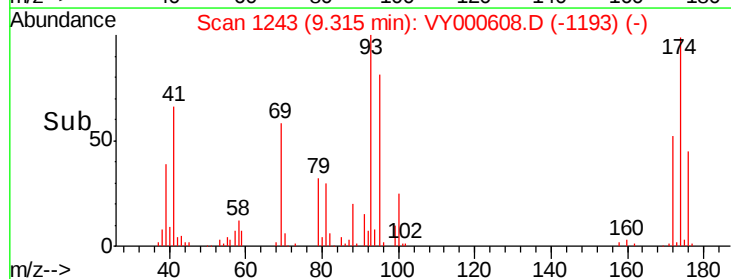
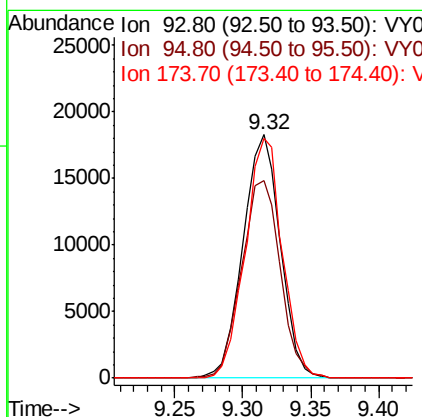
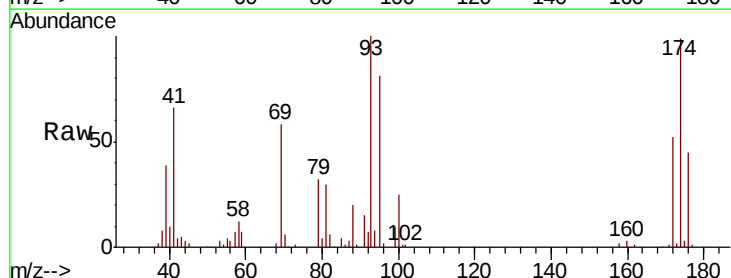
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

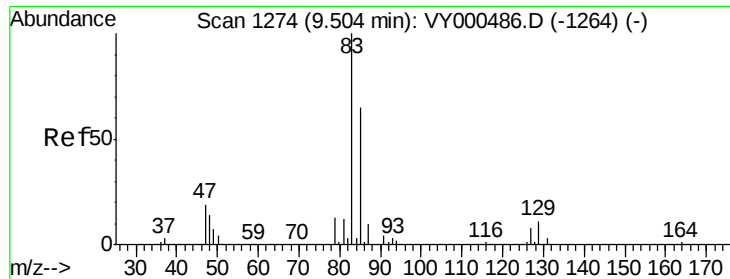
Tot Ion: 63 Resp: 65770
 Ion Ratio Lower Upper
 63 100
 65 30.2 27.0 40.4



#46
 Dibromomethane
 Concen: 20.881 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 93 Resp: 35214
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 97.4 77.1 115.7





#47

Bromodichloromethane

Concen: 20.111 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

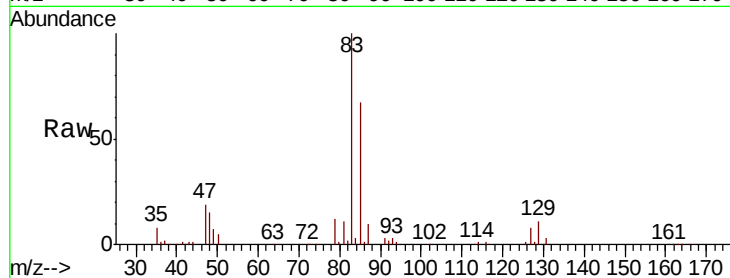
Tot Ion: 83 Resp: 80473

Ion Ratio Lower Upper

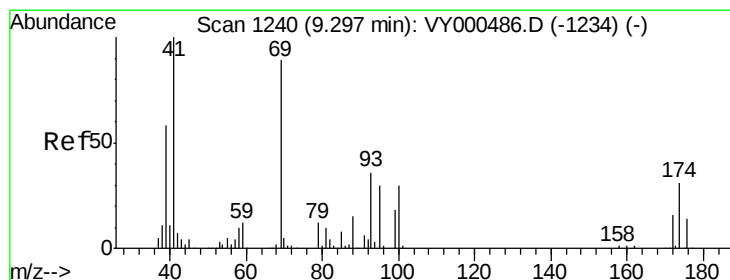
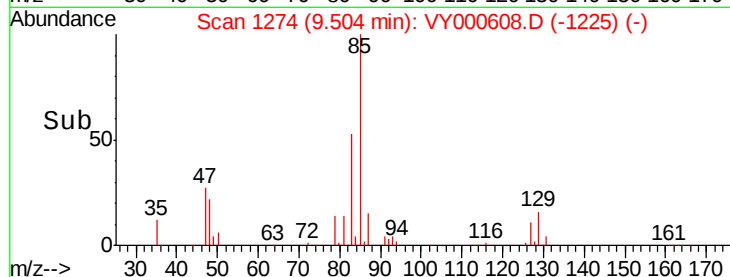
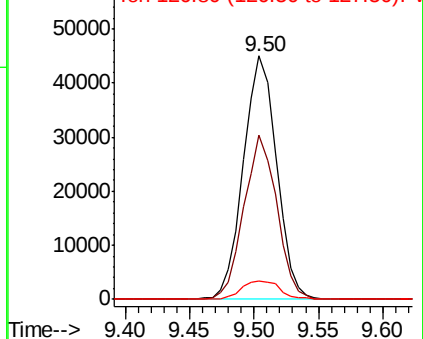
83 100

85 67.5 51.8 77.8

127 7.5 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: 21.651 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

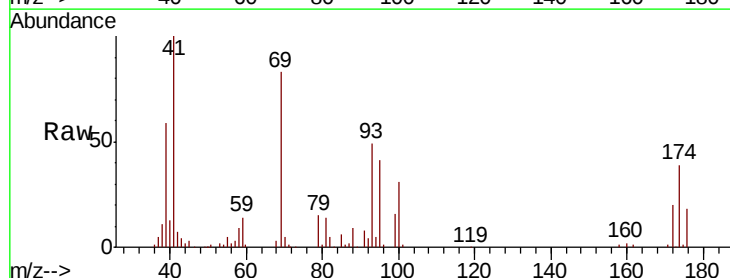
Tgt Ion: 41 Resp: 44836

Ion Ratio Lower Upper

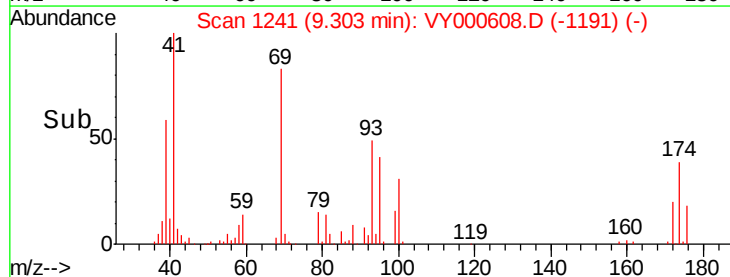
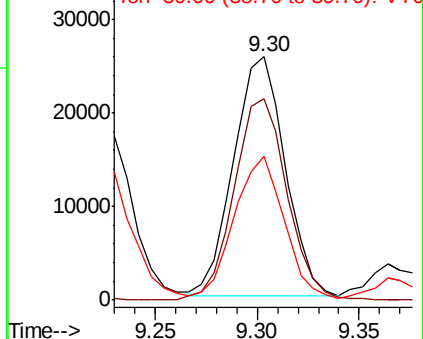
41 100

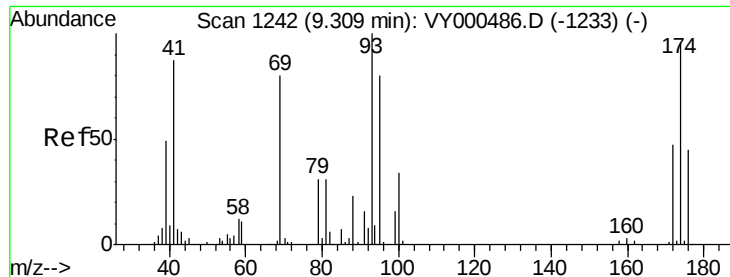
69 86.7 72.5 108.7

39 59.0 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: 385.126 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

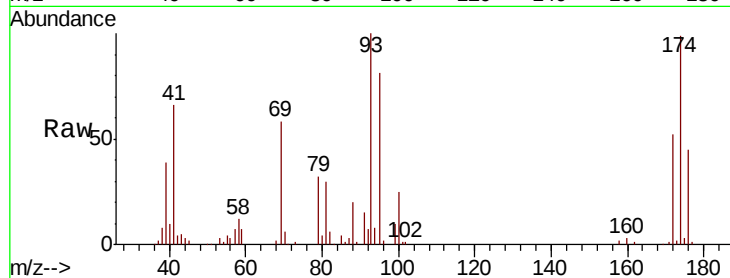
Tot Ion: 88 Resp: 8741

Ion Ratio Lower Upper

88 100

43 27.1 25.1 37.7

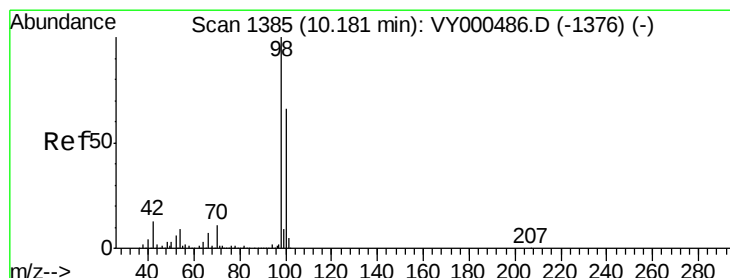
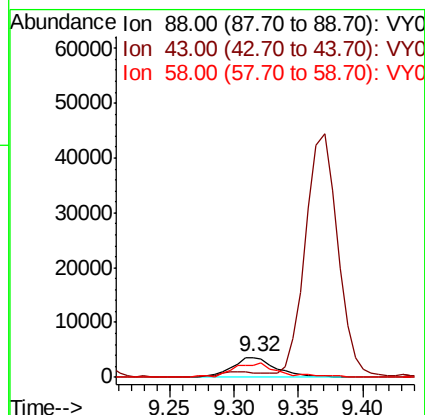
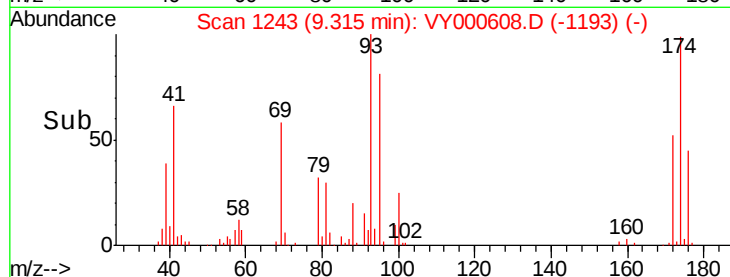
58 76.5 50.6 75.8#



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: 53.333 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000608.D

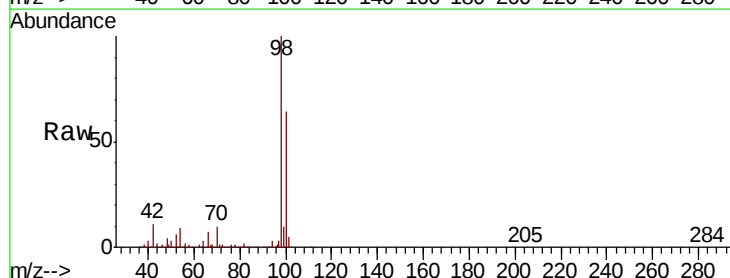
Acq: 08 Nov 2019 11:52

Tgt Ion: 98 Resp: 534061

Ion Ratio Lower Upper

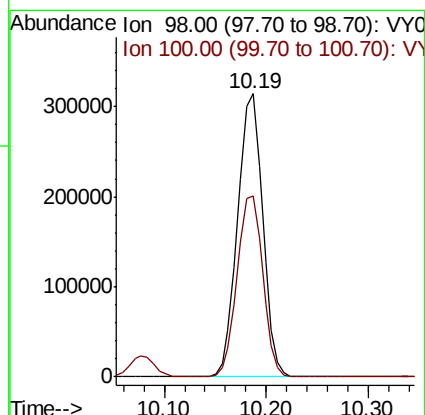
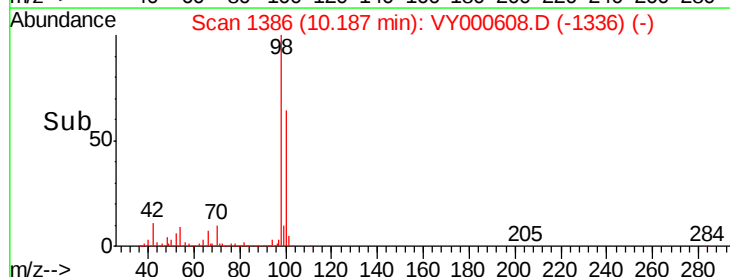
98 100

100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

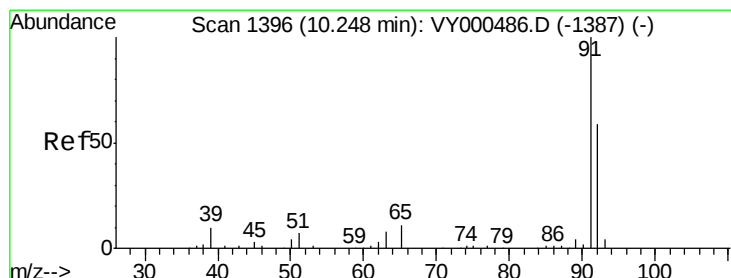
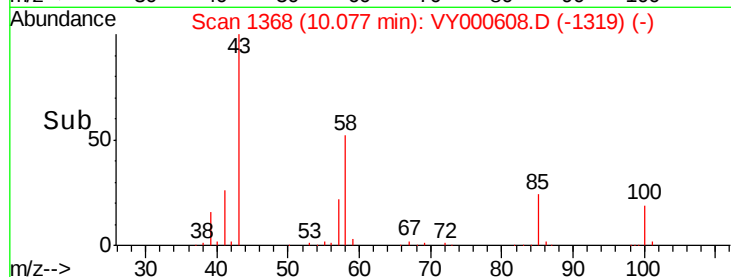
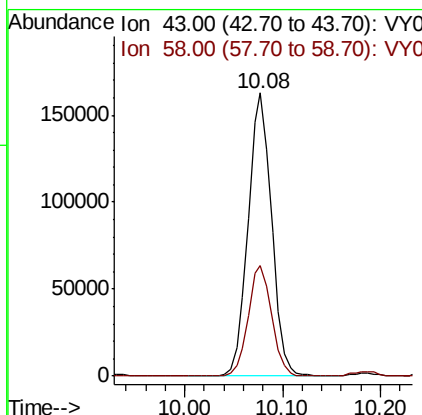
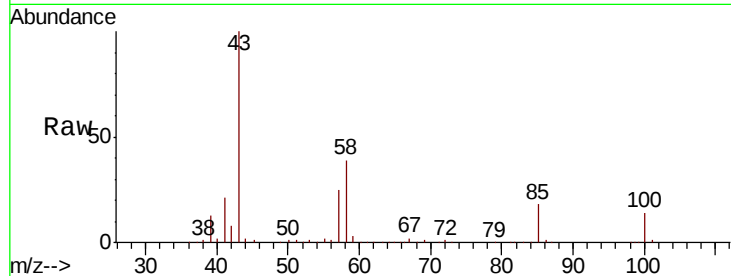




#51
 4-Methyl-2-Pentanone
 Concen: 107.485 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

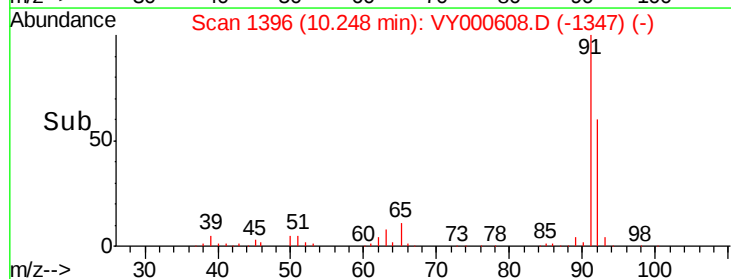
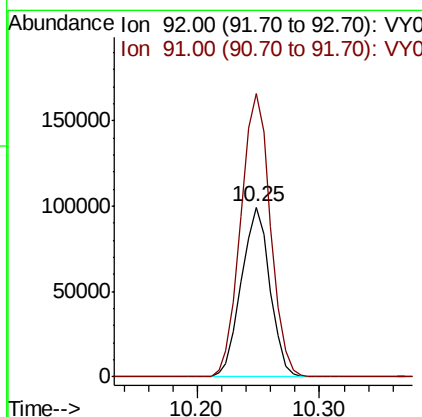
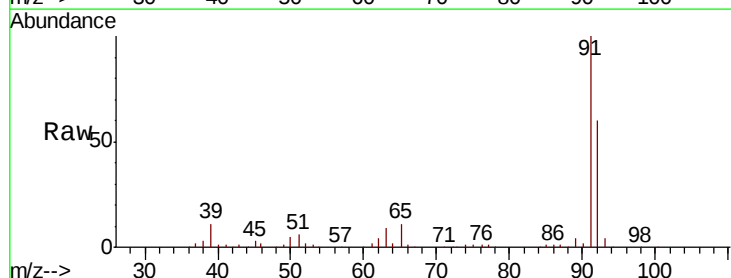
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

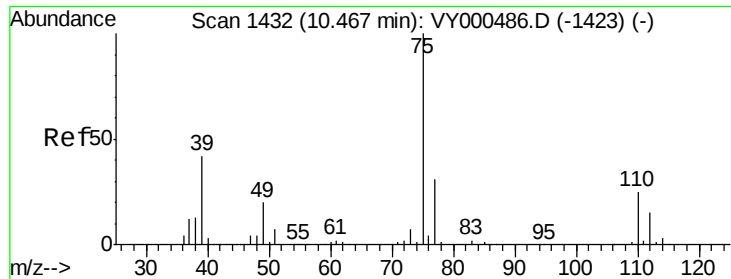
Tot Ion: 43 Resp: 270852
 Ion Ratio Lower Upper
 43 100
 58 39.1 30.2 45.4



#52
 Toluene
 Concen: 20.489 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 92 Resp: 161395
 Ion Ratio Lower Upper
 92 100
 91 172.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.780 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

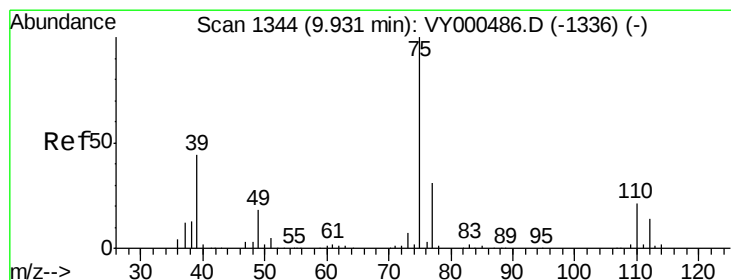
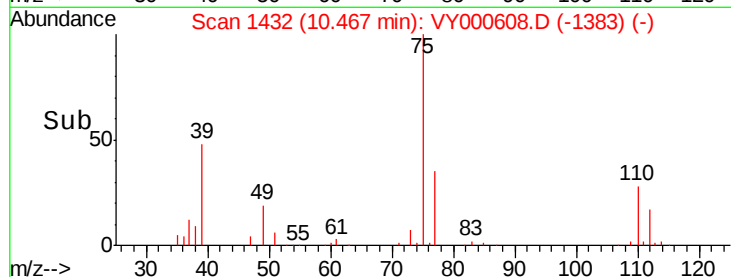
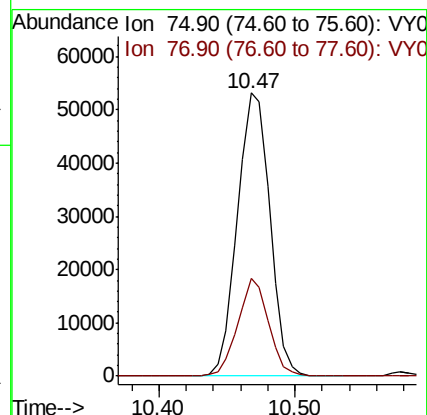
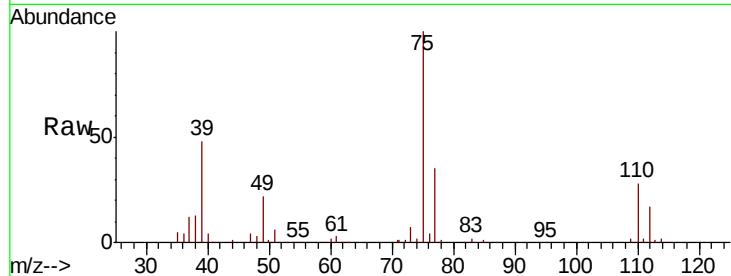
VY1108SBS01

Tot Ion: 75 Resp: 88847

Ion Ratio Lower Upper

75 100

77 34.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.923 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

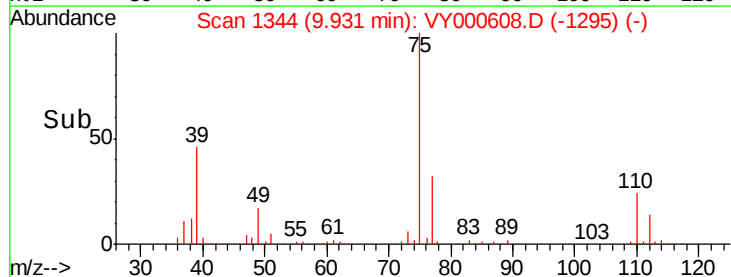
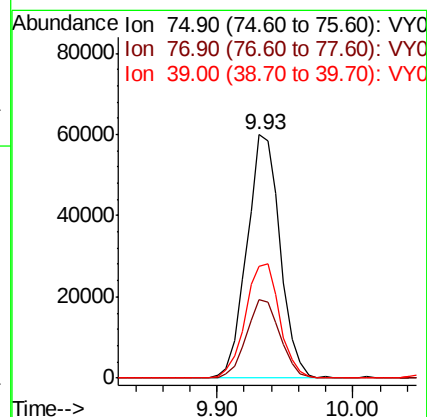
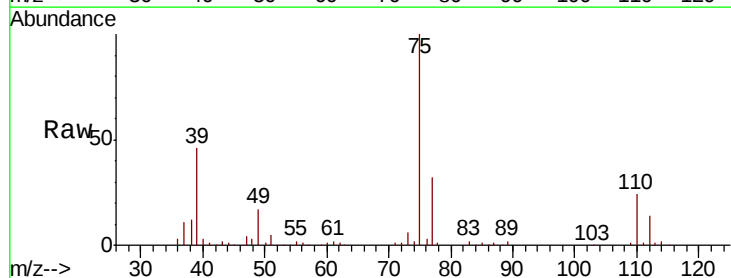
Tgt Ion: 75 Resp: 102482

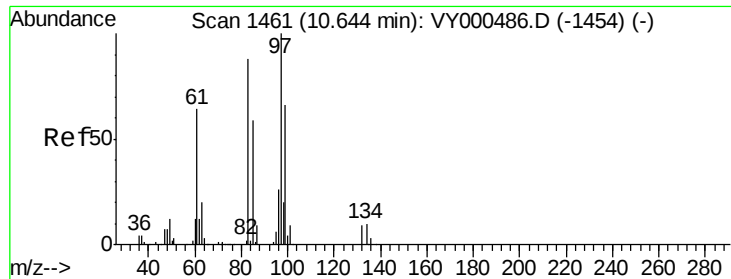
Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7

39 46.0 35.4 53.2

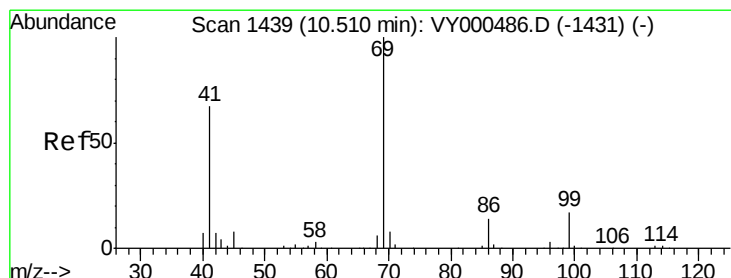
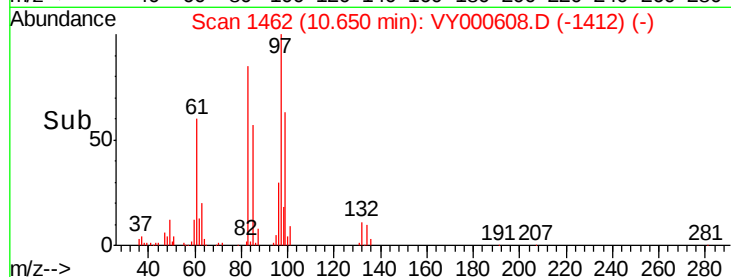
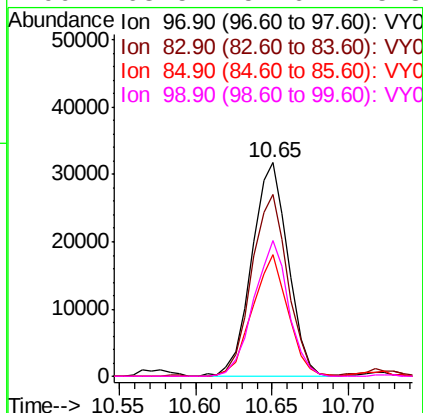
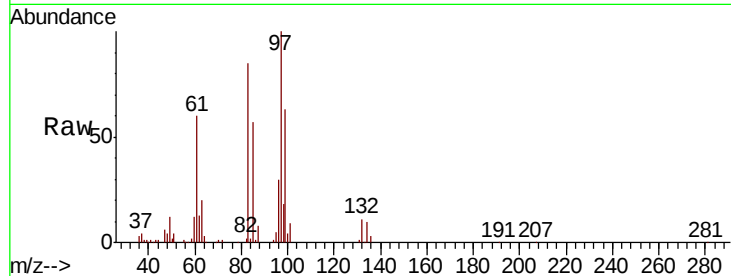




#55
 1,1,2-Trichloroethane
 Concen: 21.461 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

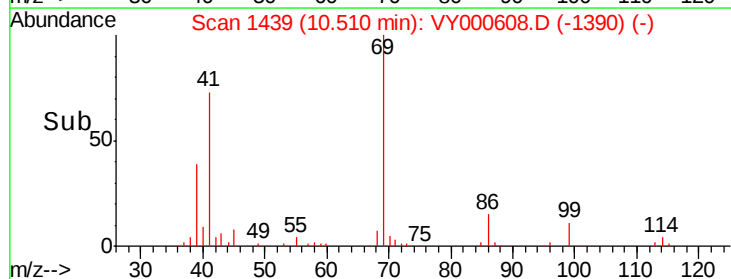
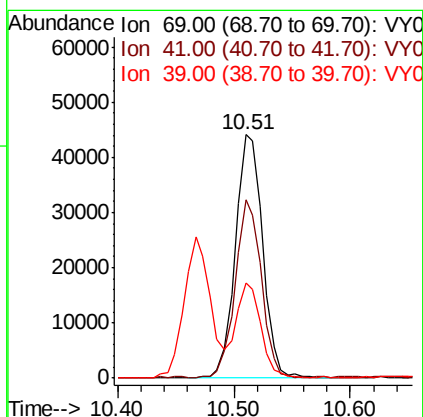
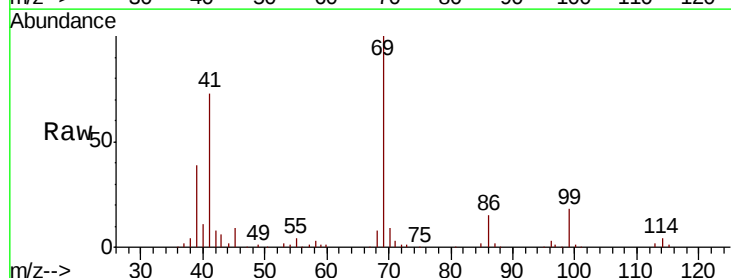
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

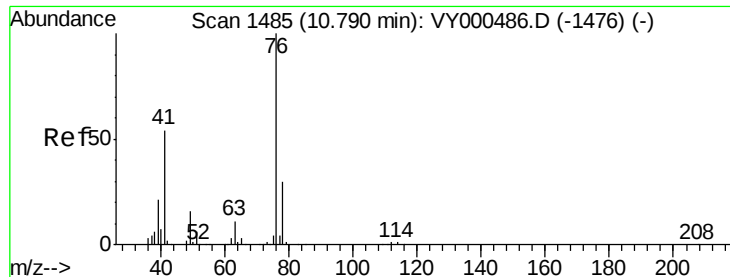
Tot Ion: 97 Resp: 52348
 Ion Ratio Lower Upper
 97 100
 83 84.8 70.2 105.4
 85 57.2 46.9 70.3
 99 63.5 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 20.803 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 69 Resp: 71920
 Ion Ratio Lower Upper
 69 100
 41 69.5 53.3 79.9
 39 36.2 28.0 42.0





#57

1,3-Dichloropropane

Concen: 21.056 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

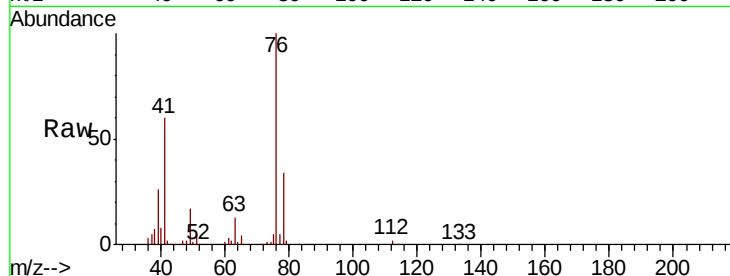
VY1108SBS01

Tot Ion: 76 Resp: 89889

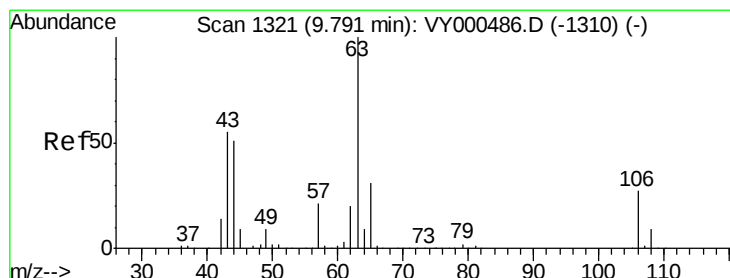
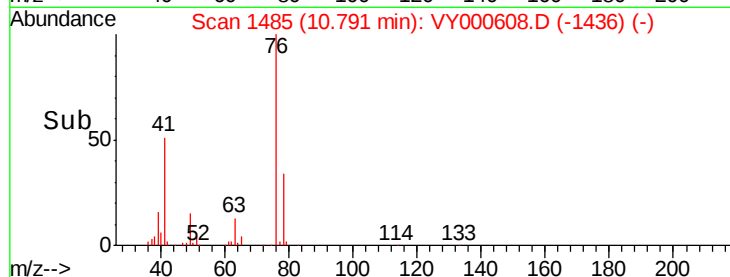
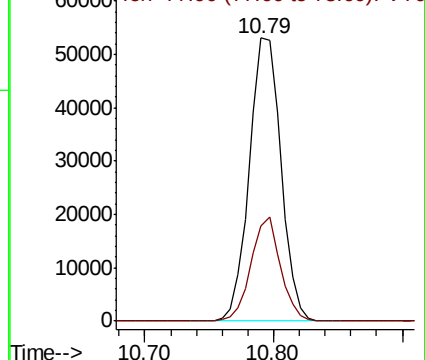
Ion Ratio Lower Upper

76 100

78 34.2 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: 107.468 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000608.D

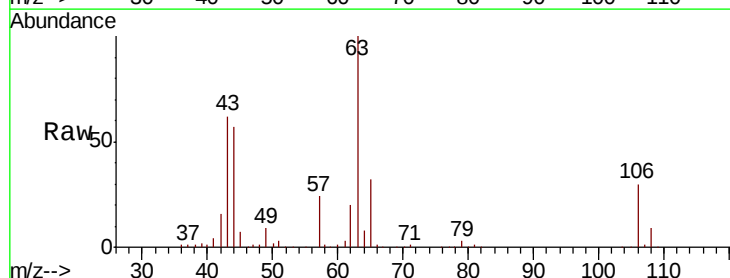
Acq: 08 Nov 2019 11:52

Tgt Ion: 63 Resp: 167966

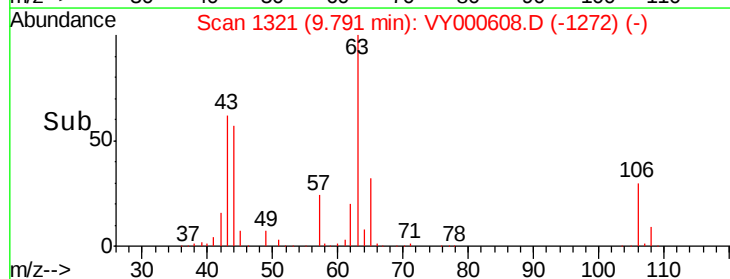
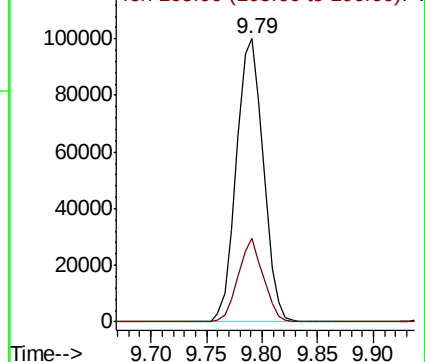
Ion Ratio Lower Upper

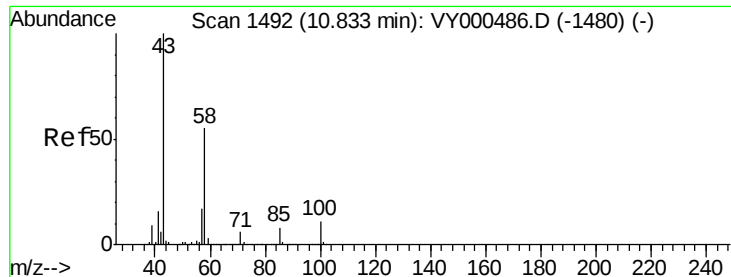
63 100

106 27.3 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 105.90 (105.60 to 106.60): V

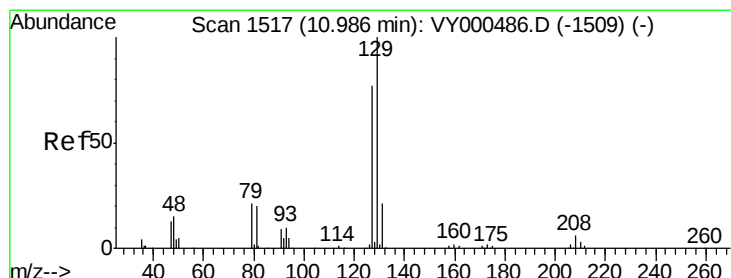
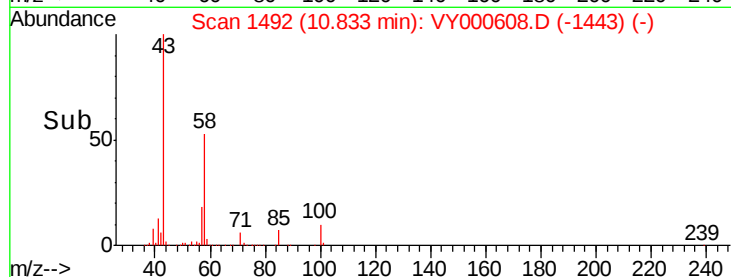
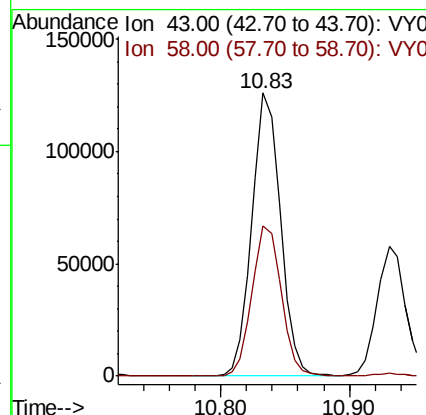
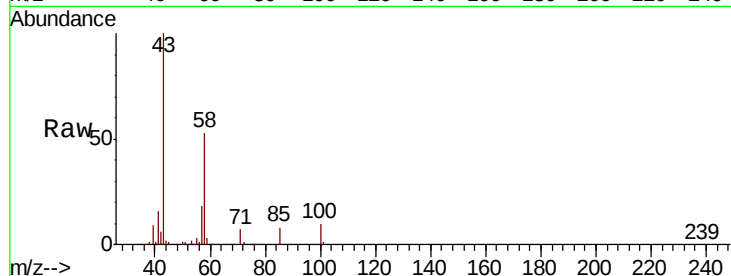




#59
2-Hexanone
Concen: 105.127 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

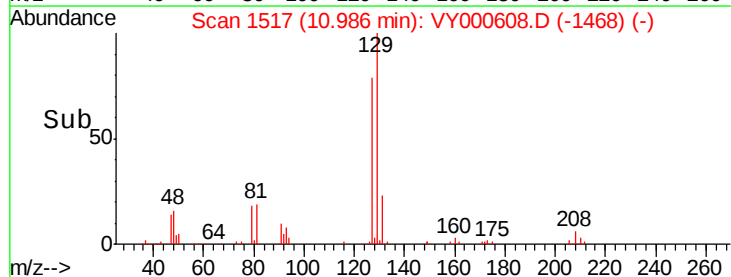
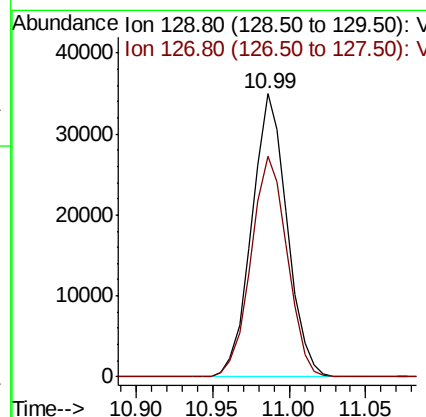
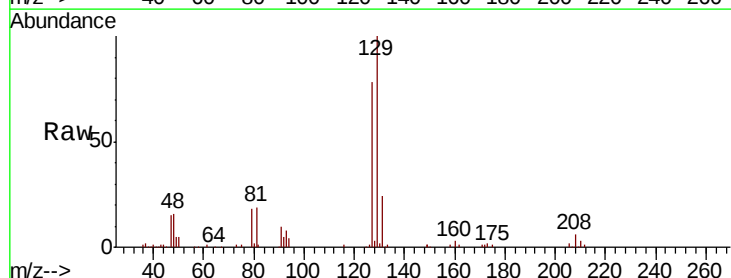
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

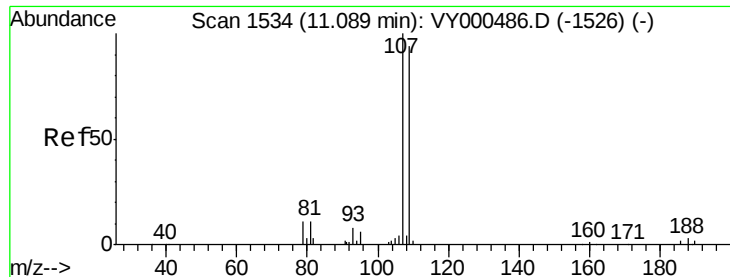
Tot Ion: 43 Resp: 193012
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 20.105 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 129 Resp: 56171
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.2

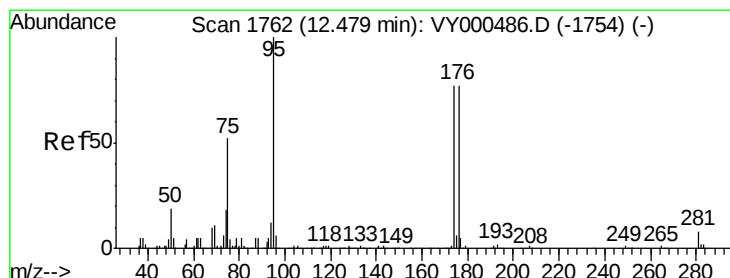
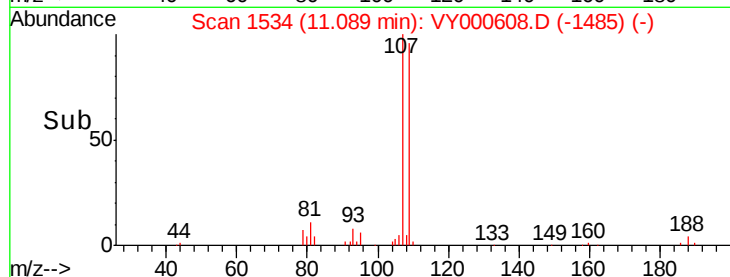
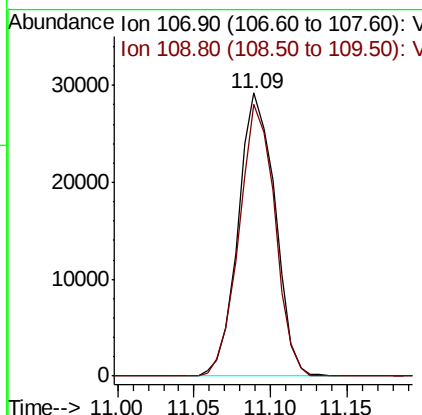
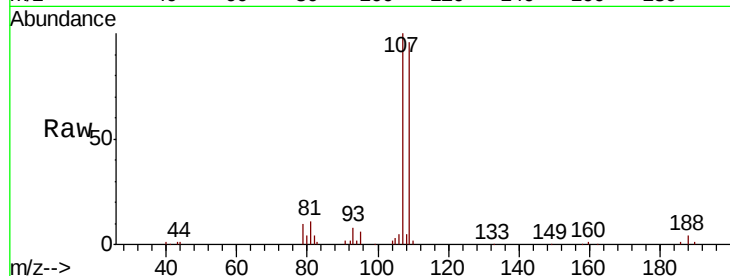




#61
 1,2-Dibromoethane
 Concen: 20.839 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

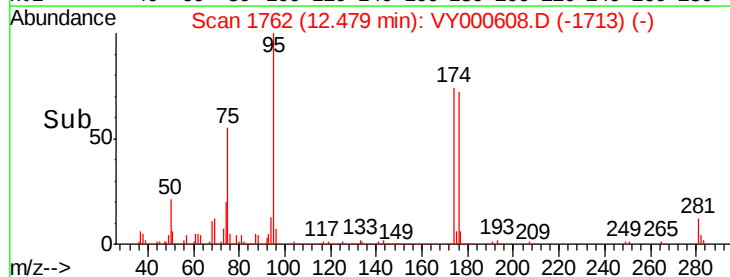
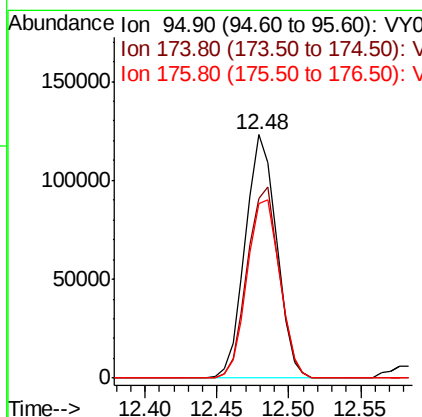
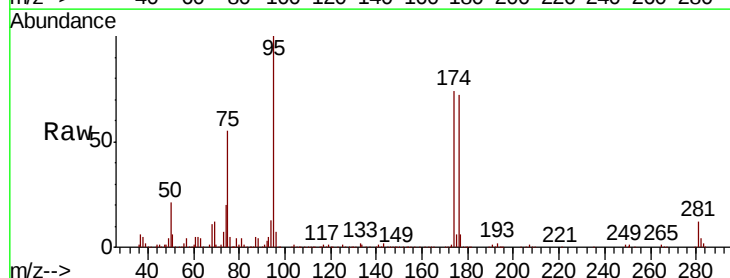
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 107 Resp: 48873
 Ion Ratio Lower Upper
 107 100
 109 93.3 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.719 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 95 Resp: 185728
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 161.6
 176 76.6 0.0 157.8

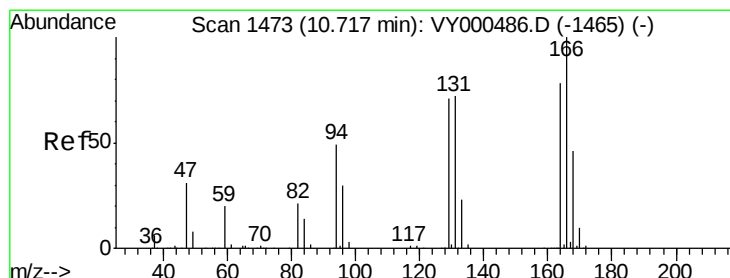
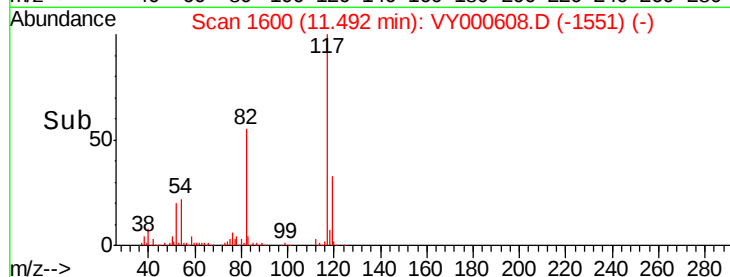
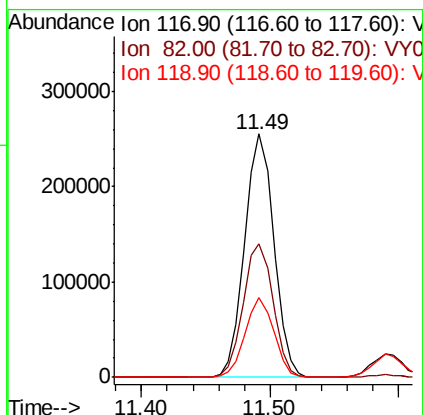
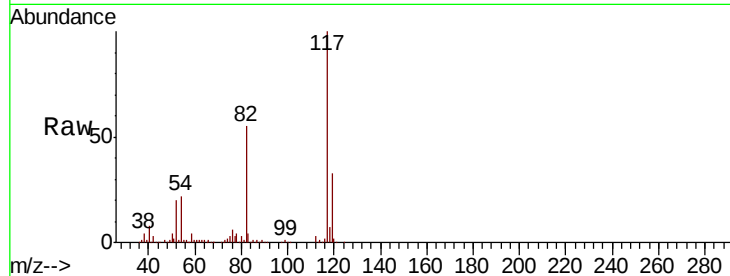




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

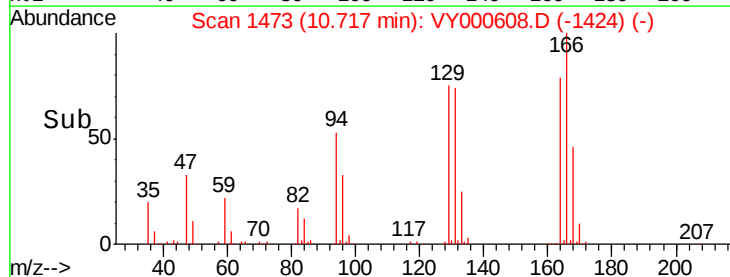
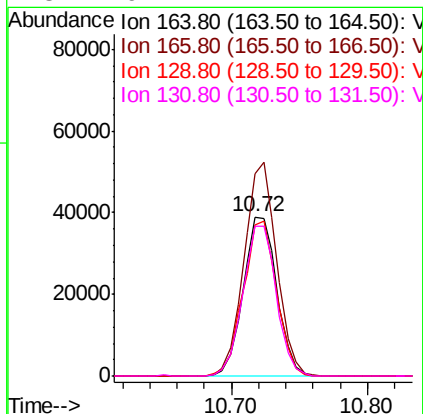
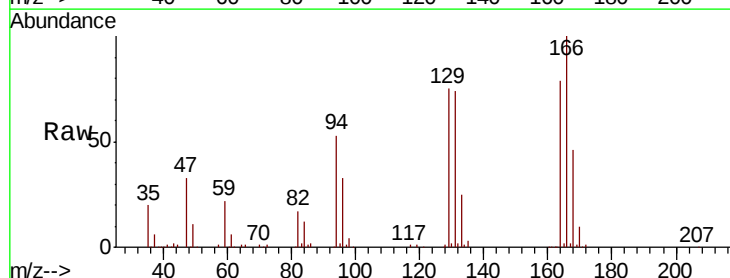
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBSD01

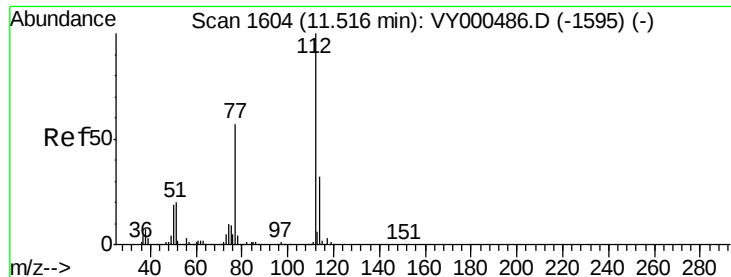
Tot Ion:117 Resp: 400687
Ion Ratio Lower Upper
117 100
82 55.0 40.8 61.2
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 20.383 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion:164 Resp: 67534
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 95.3 73.2 109.8
131 94.1 74.2 111.2





#65

Chlorobenzene

Concen: 20.734 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

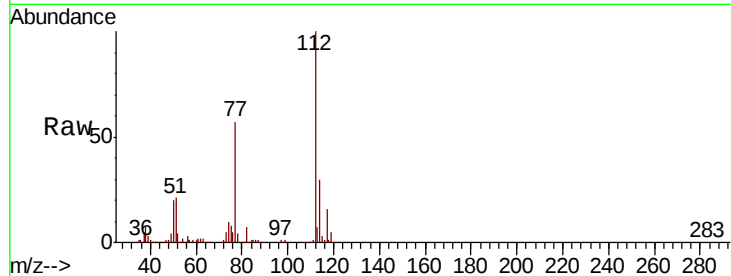
VY1108SBSD01

Tot Ion:112 Resp: 168440

Ion Ratio Lower Upper

112 100

114 30.0 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

120000

100000

80000

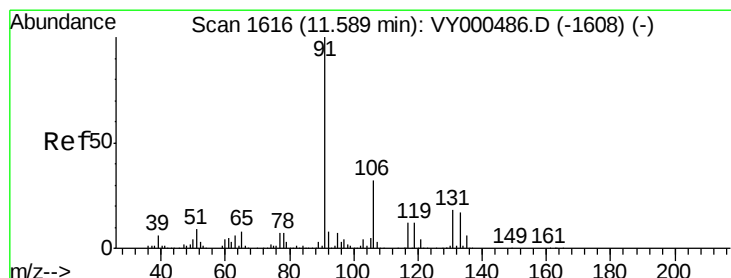
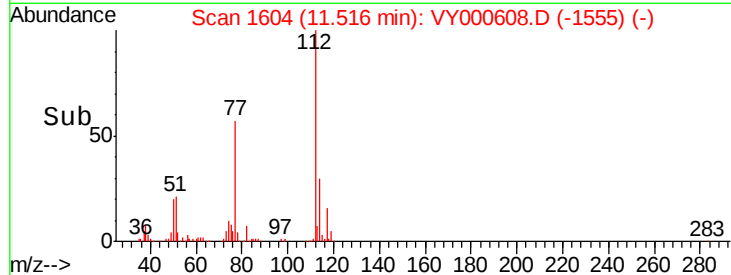
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.655 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

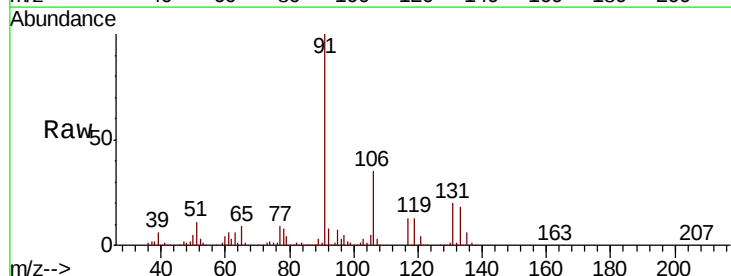
Tgt Ion:131 Resp: 61013

Ion Ratio Lower Upper

131 100

133 90.8 47.9 143.8

119 64.1 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

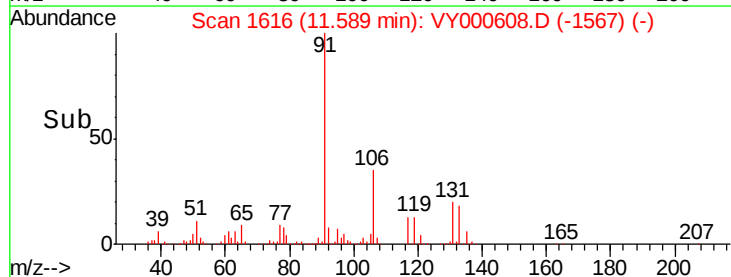
60000

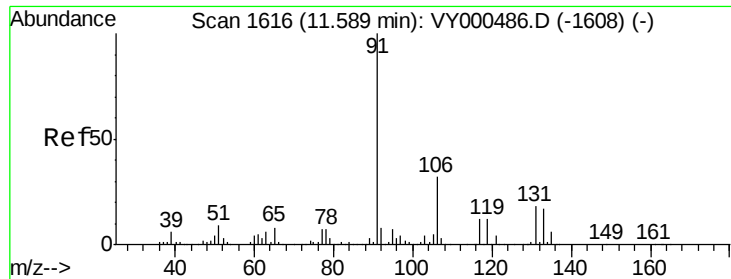
40000

20000

0

Time-->

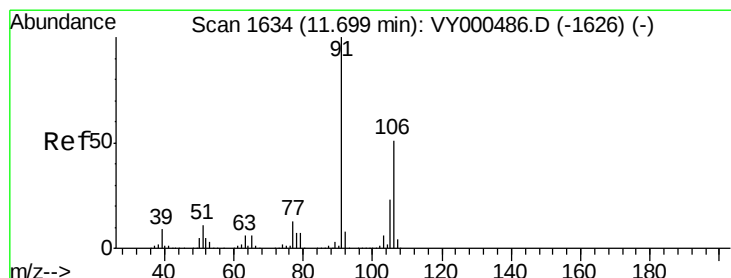
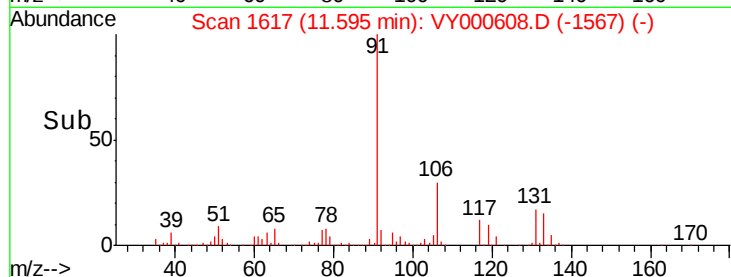
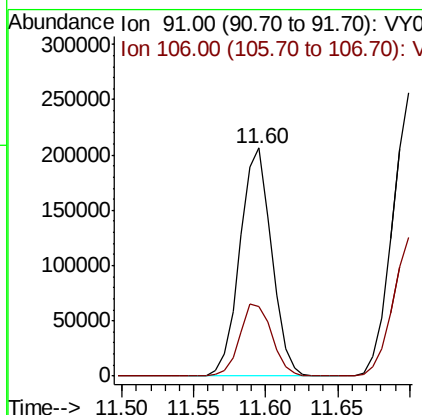
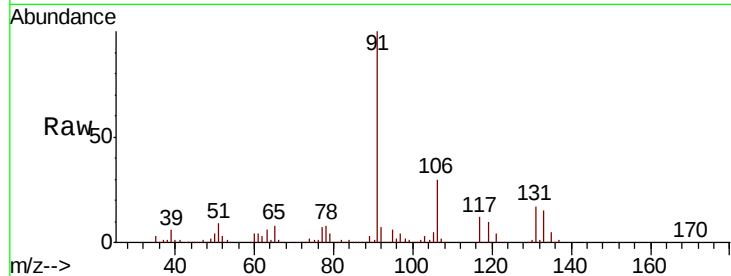




#67
Ethyl Benzene
Concen: 20.985 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

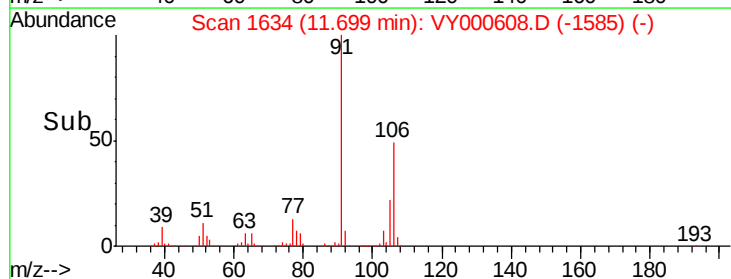
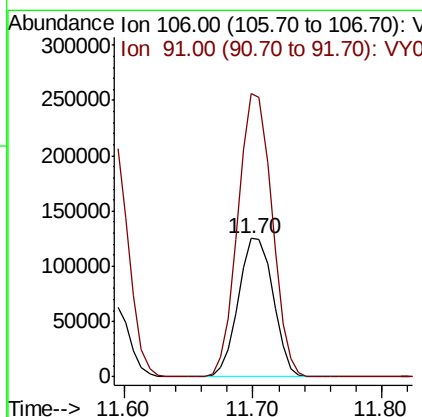
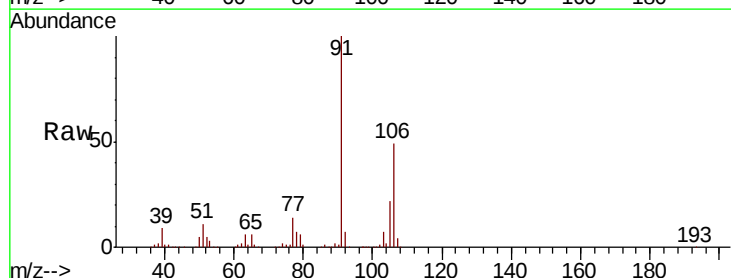
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

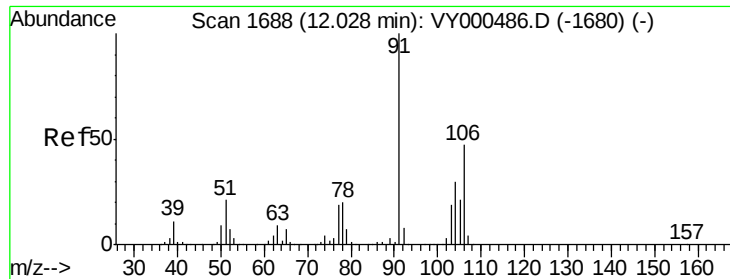
Tot Ion: 91 Resp: 313750
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0



#68
m/p-Xylenes
Concen: 40.617 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion: 106 Resp: 235040
Ion Ratio Lower Upper
106 100
91 200.9 155.9 233.9

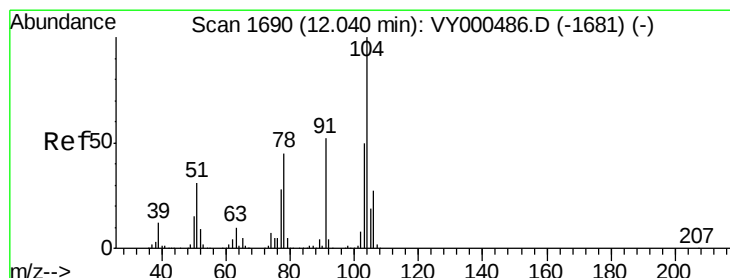
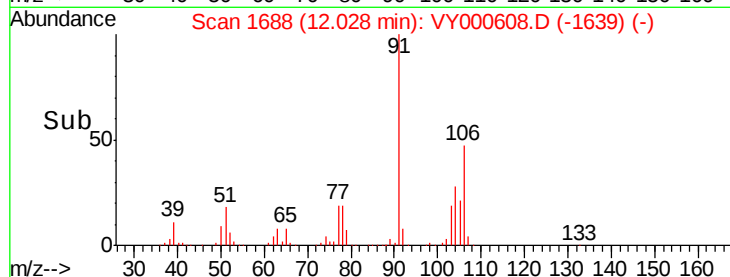
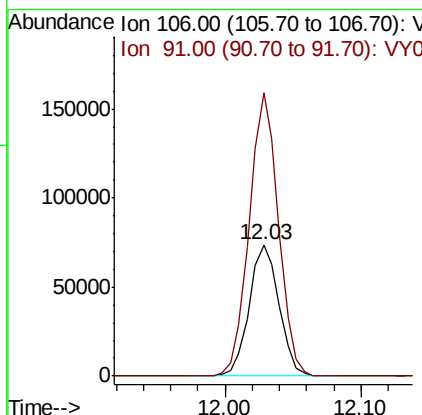
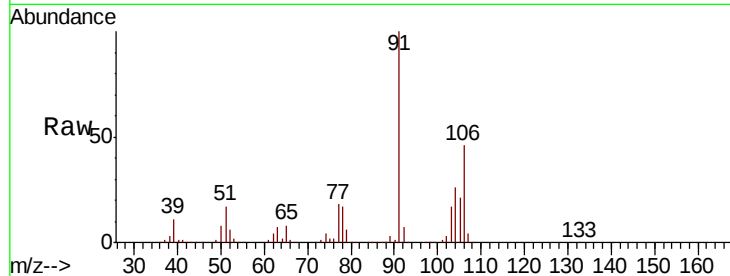




#69
o-Xylene
Concen: 20.790 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

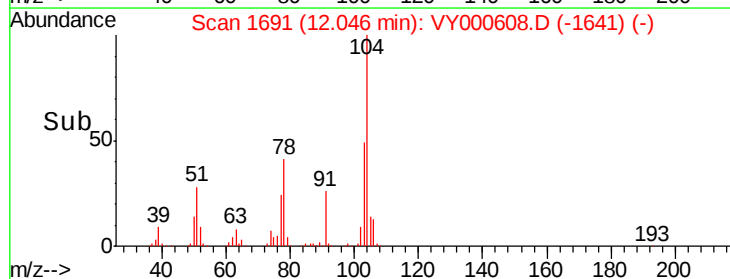
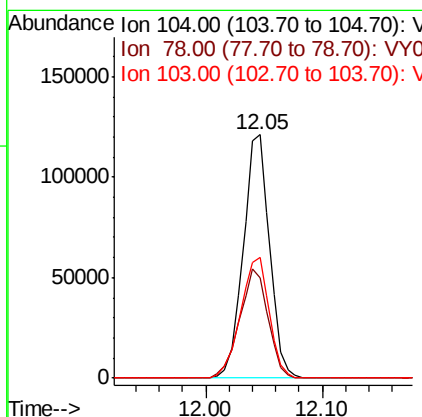
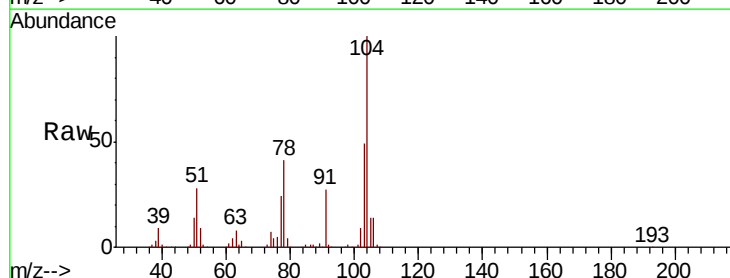
Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

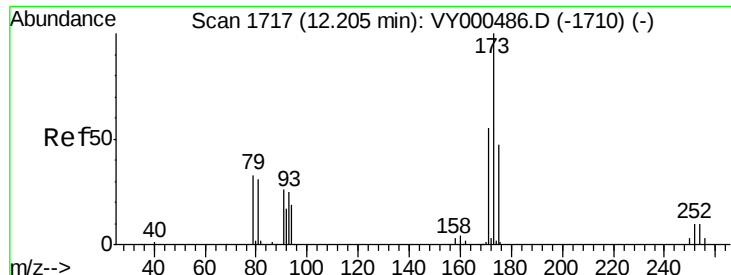
Tot Ion:106 Resp: 113068
Ion Ratio Lower Upper
106 100
91 211.5 106.5 319.6



#70
Styrene
Concen: 20.491 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion:104 Resp: 190831
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 54.0 42.5 63.7





#71

Bromoform

Concen: 20.393 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBSD01

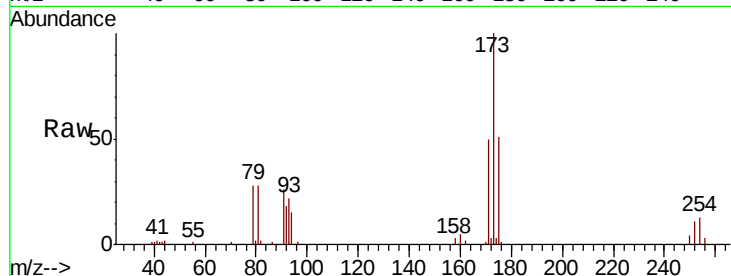
Tot Ion:173 Resp: 33047

Ion Ratio Lower Upper

173 100

175 50.1 24.4 73.2

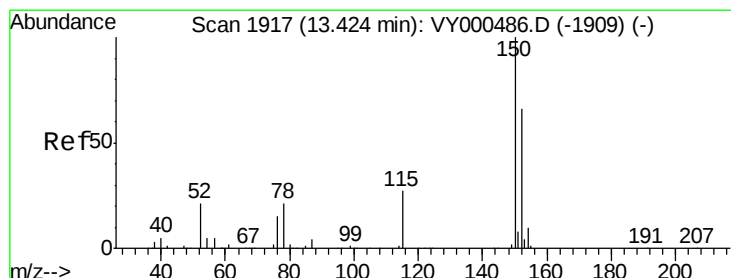
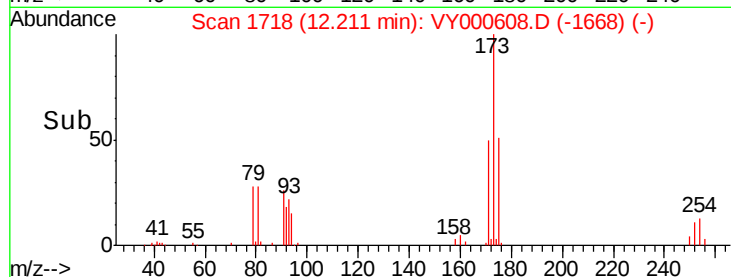
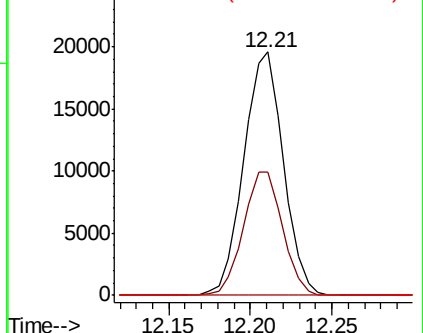
254 0.0 0.1 0.1#



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: VY000608.D

Acq: 08 Nov 2019 11:52

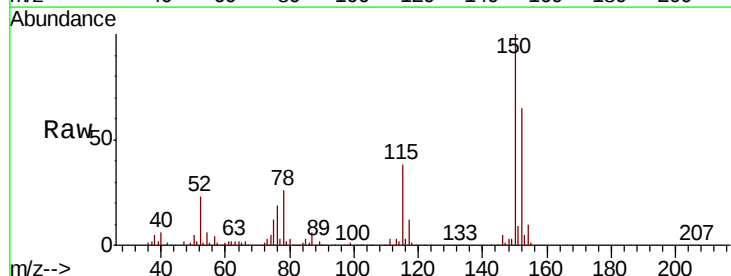
Tgt Ion:152 Resp: 195293

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.4

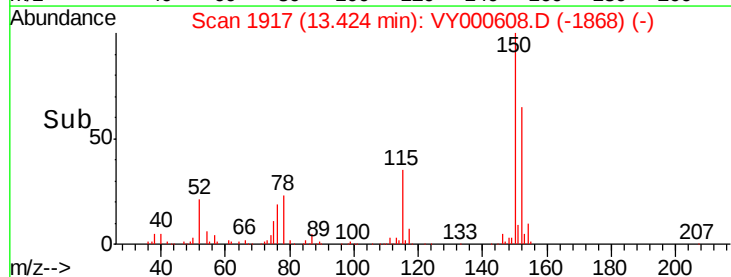
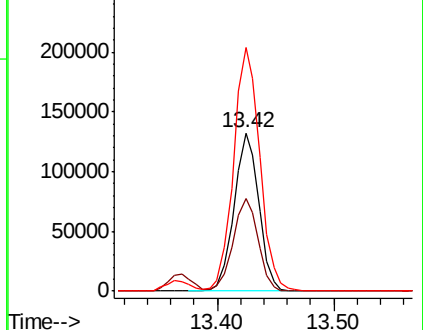
150 163.3 0.0 348.8

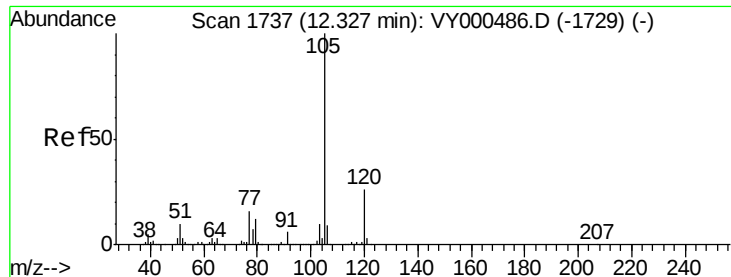


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.720 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

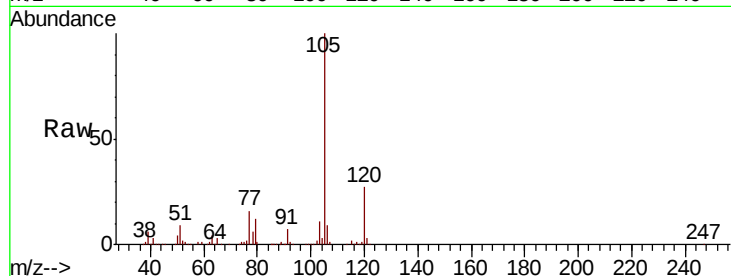
VY1108SBS01

Tot Ion:105 Resp: 299067

Ion Ratio Lower Upper

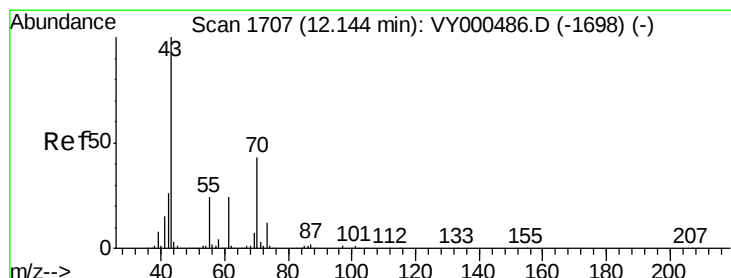
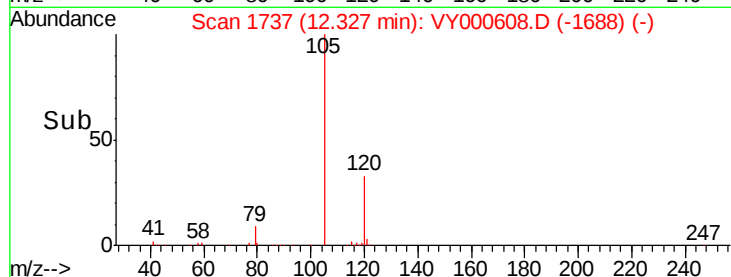
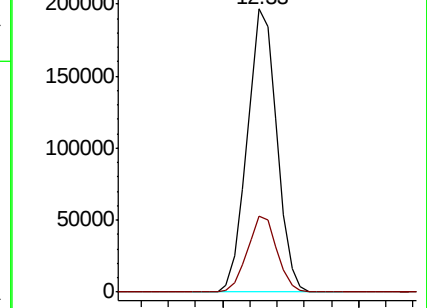
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.931 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Tgt Ion: 43 Resp: 86526

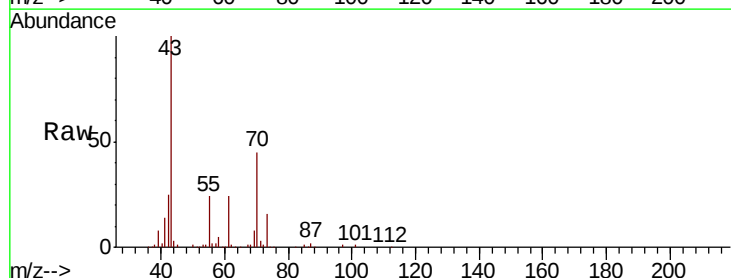
Ion Ratio Lower Upper

43 100

70 42.7 33.1 49.7

55 23.1 18.0 27.0

61 25.1 19.1 28.7

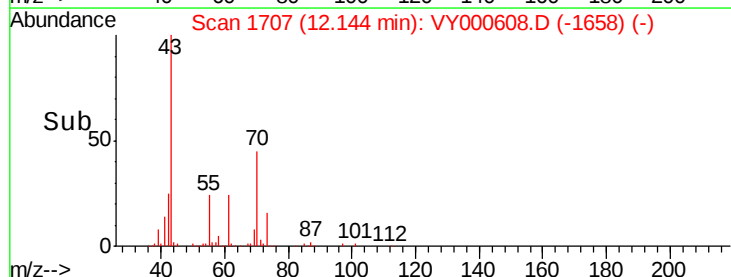
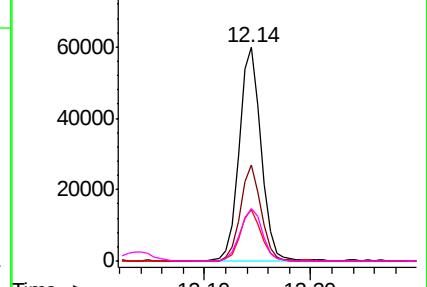


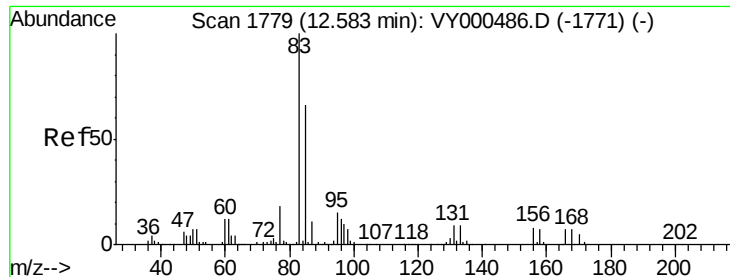
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.018 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

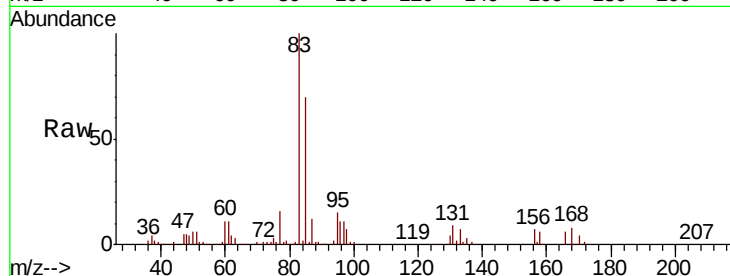
MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 83 Resp: 60067

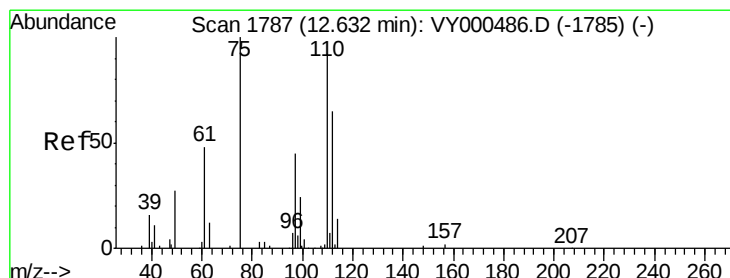
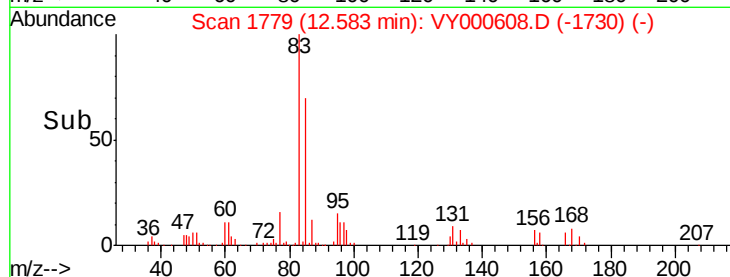
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.0	14.9
85	67.0	32.3	96.9



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: 38.355 ug/l

RT: 12.63 min Scan# 1787

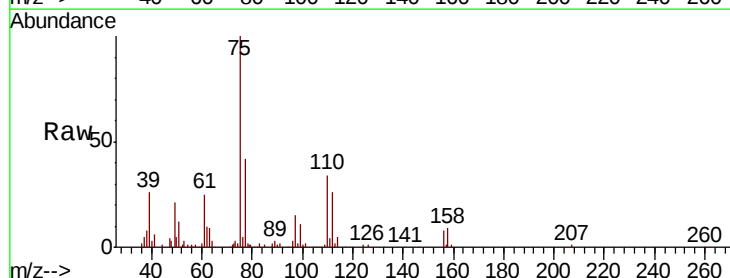
Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

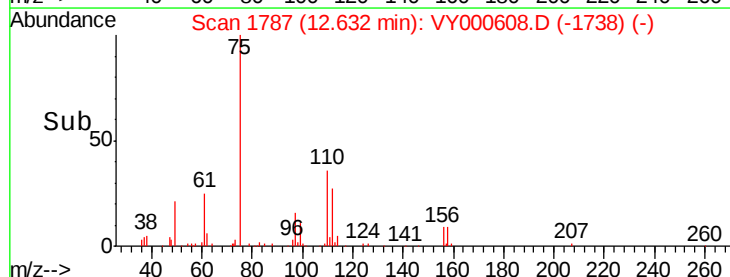
Tgt Ion: 75 Resp: 85290

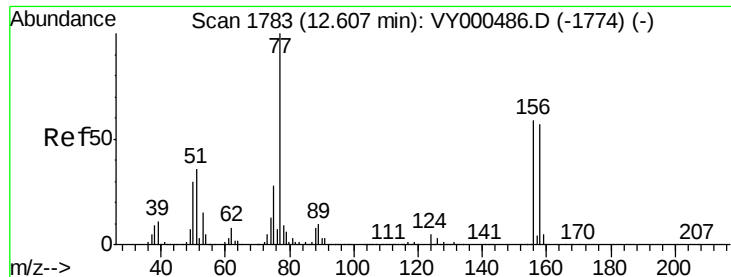
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.618 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBSD01

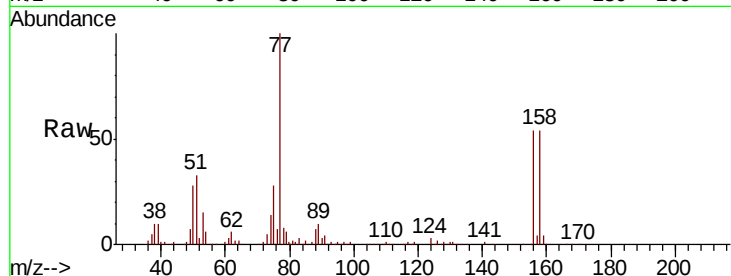
Tot Ion:156 Resp: 67484

Ion Ratio Lower Upper

156 100

77 199.9 98.2 294.4

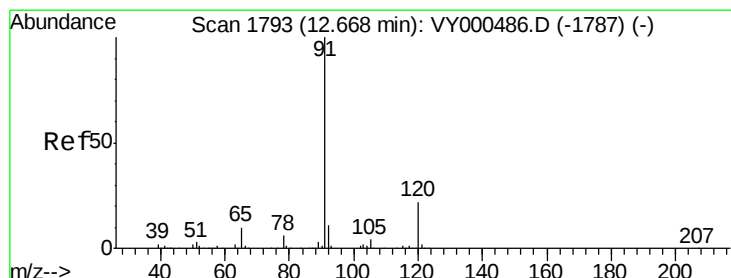
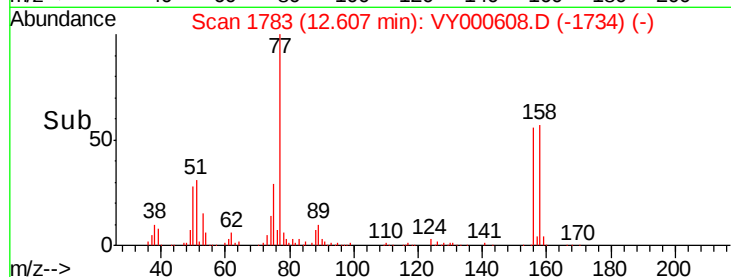
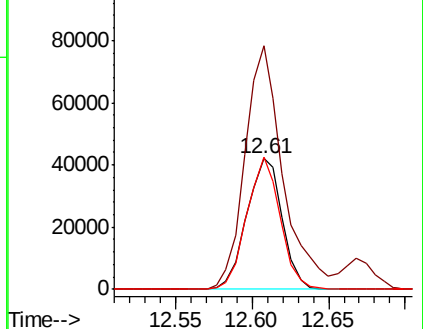
158 95.3 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.128 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000608.D

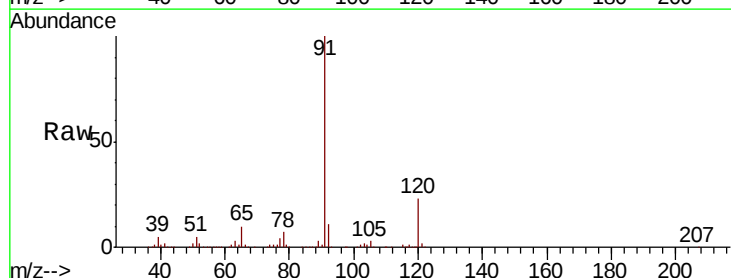
Acq: 08 Nov 2019 11:52

Tgt Ion: 91 Resp: 367954

Ion Ratio Lower Upper

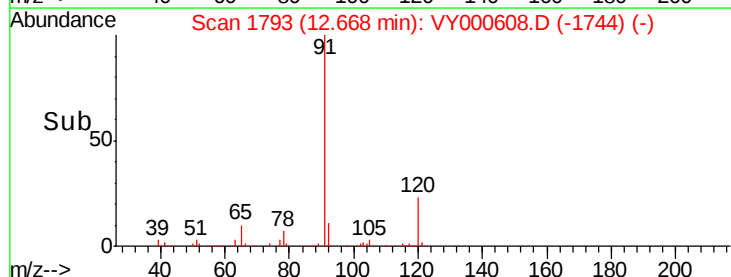
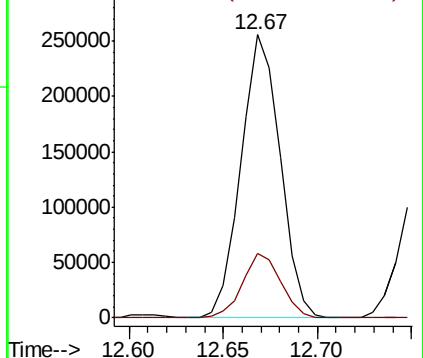
91 100

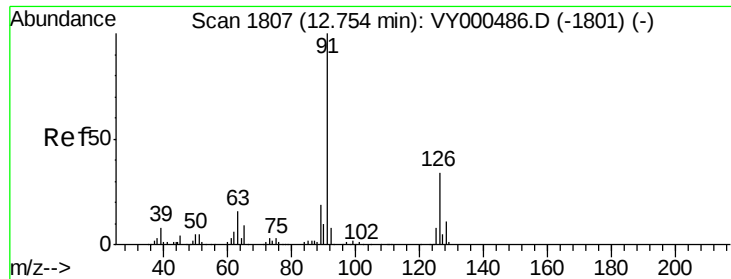
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

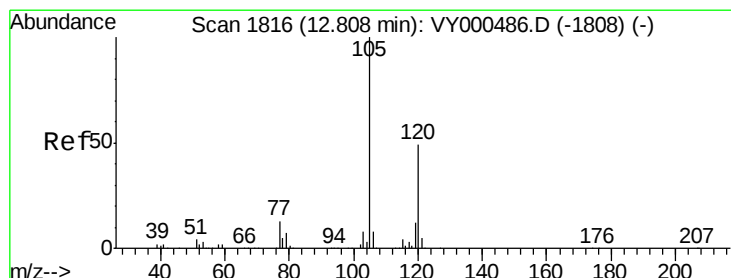
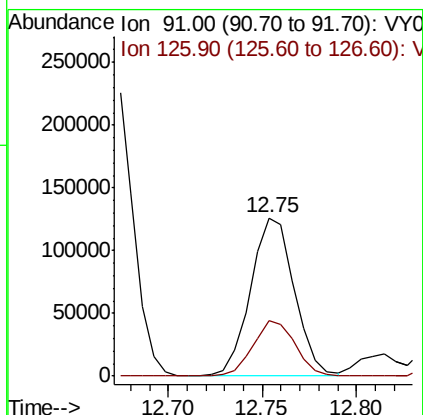
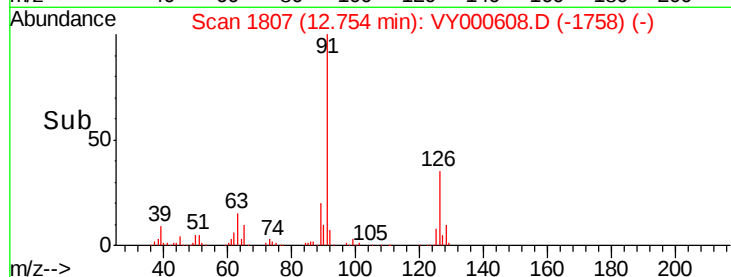
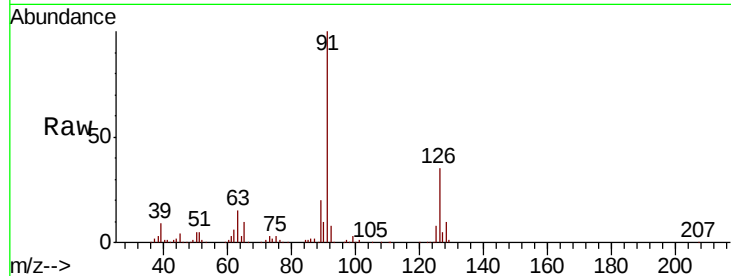




#79
 2-Chlorotoluene
 Concen: 20.958 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

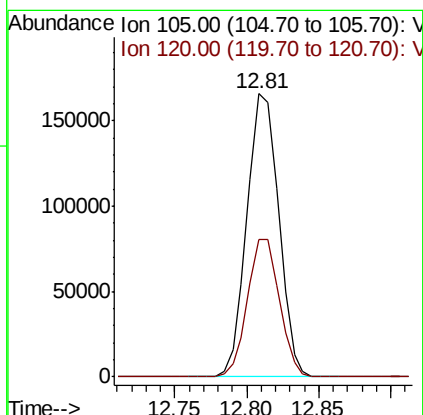
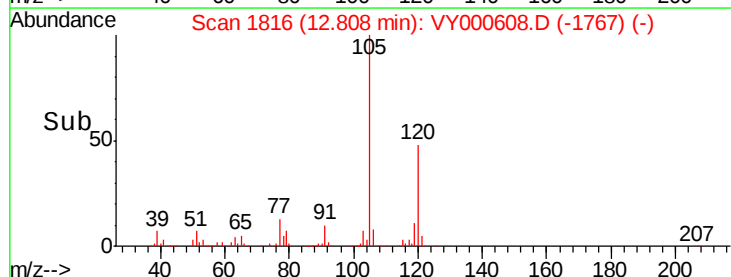
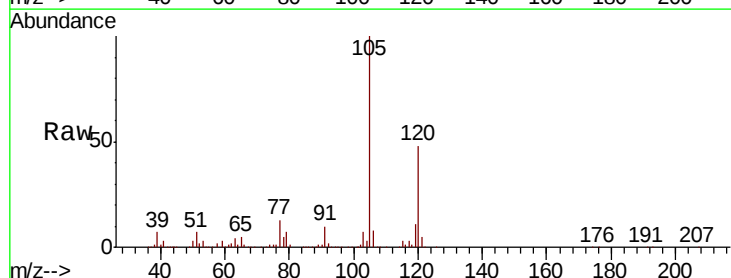
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

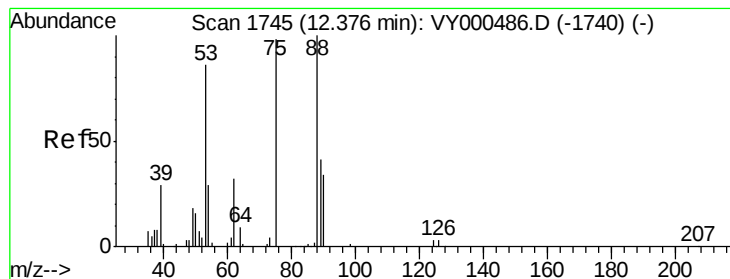
Tot Ion: 91 Resp: 202623
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.154 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion: 105 Resp: 254295
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.001 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBSD01

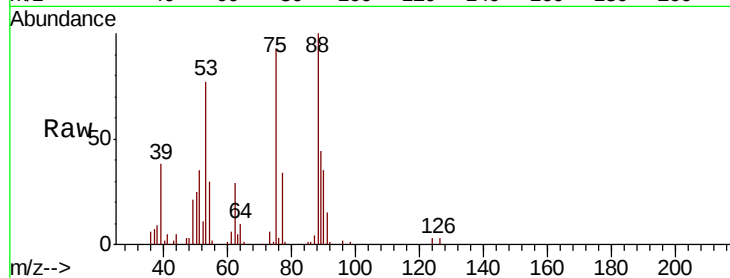
Tot Ion: 75 Resp: 19836

Ion Ratio Lower Upper

75 100

53 92.9 73.2 109.8

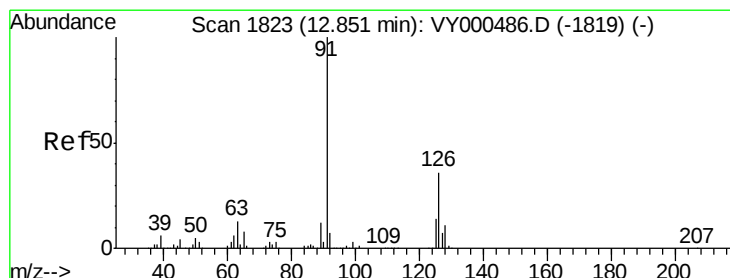
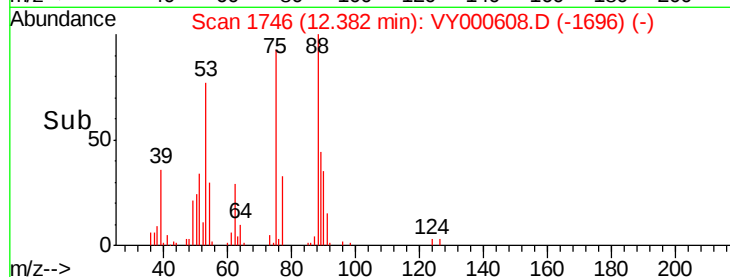
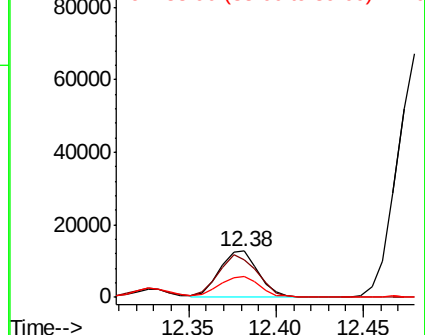
89 47.6 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.203 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000608.D

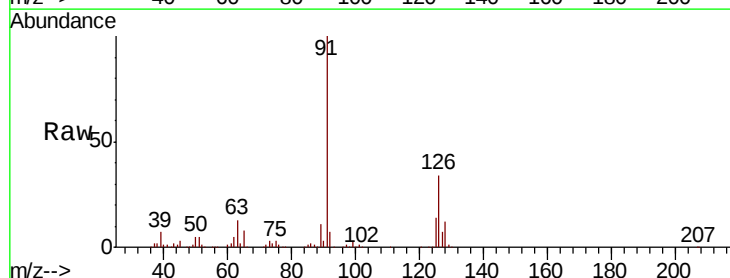
Acq: 08 Nov 2019 11:52

Tgt Ion: 91 Resp: 212491

Ion Ratio Lower Upper

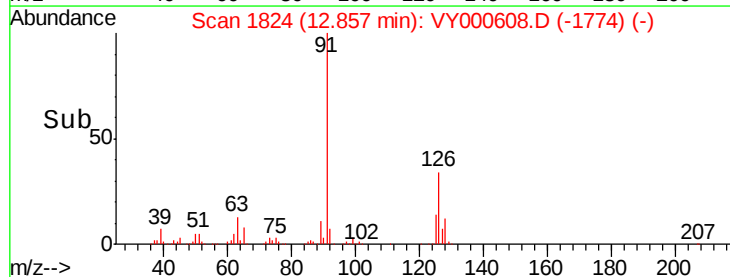
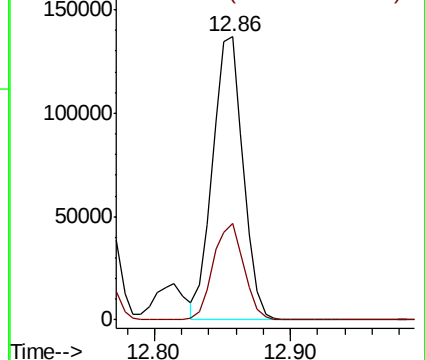
91 100

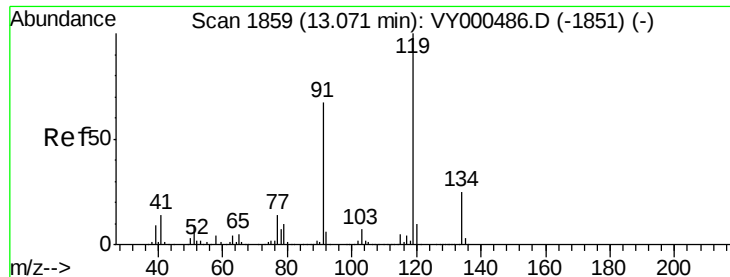
126 34.2 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

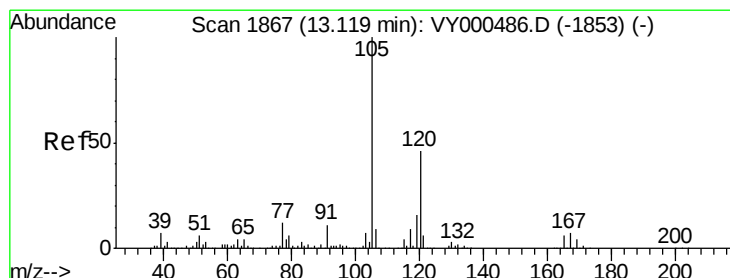
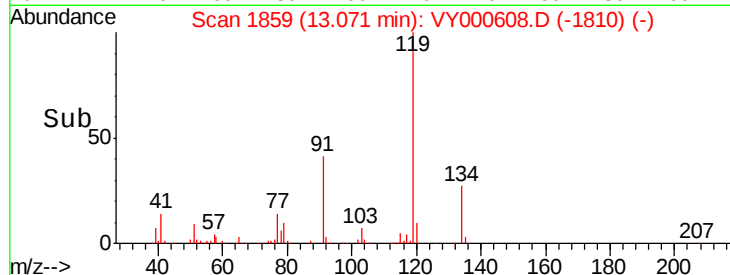
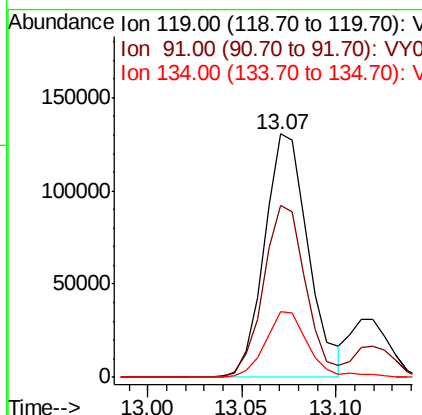
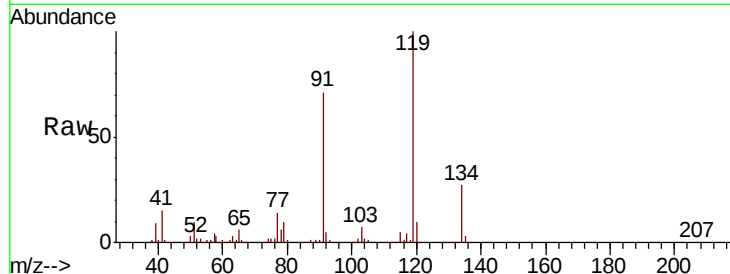




#83
 tert-Butylbenzene
 Concen: 20.526 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

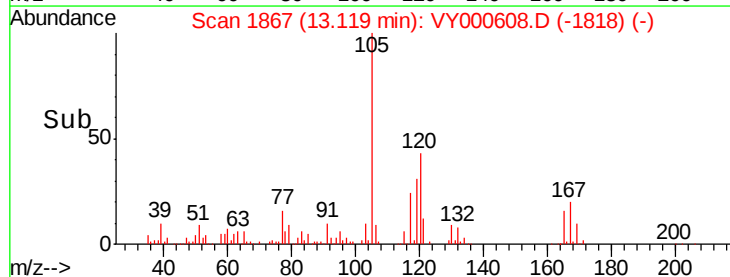
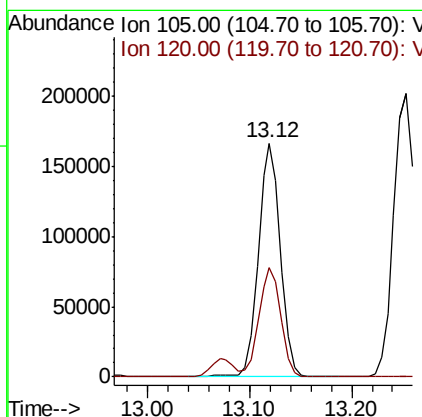
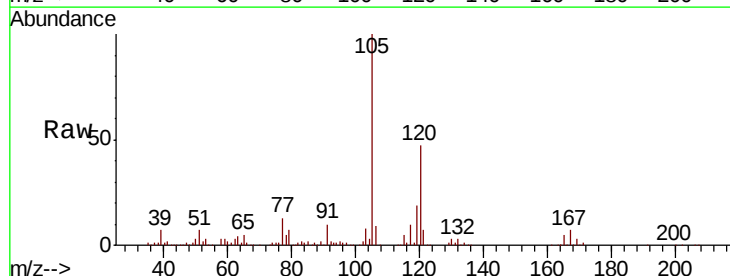
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBSD01

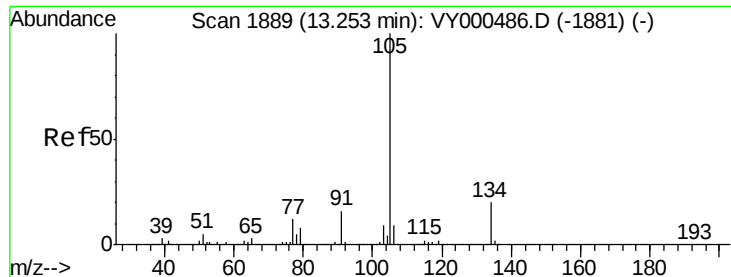
Tot Ion:119 Resp: 210682
 Ion Ratio Lower Upper
 119 100
 91 68.3 32.1 96.3
 134 26.7 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.919 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion:105 Resp: 250383
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.648 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

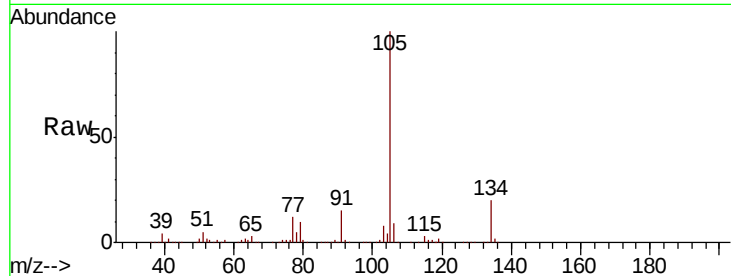
VY1108SBS01

Tot Ion:105 Resp: 301939

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

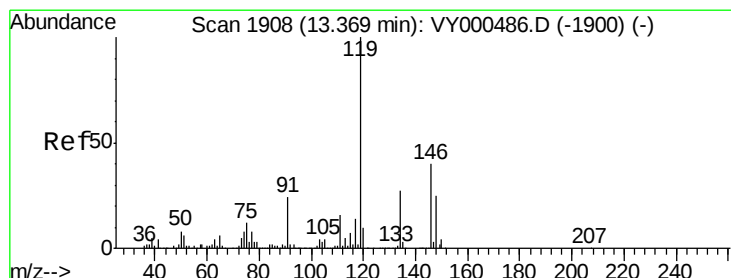
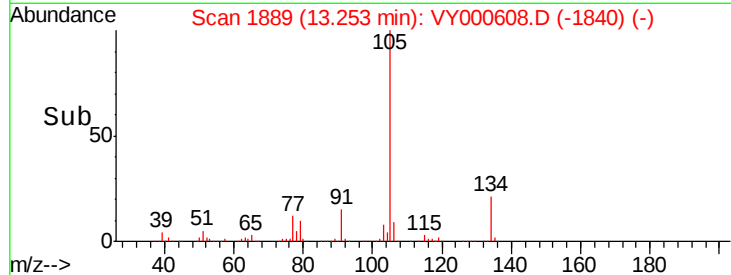
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.821 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

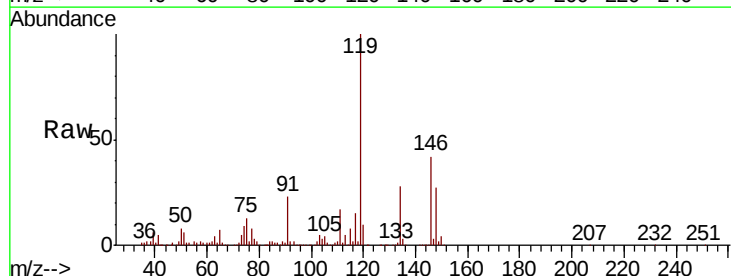
Tgt Ion:119 Resp: 271363

Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.8

91 23.7 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

250000

200000

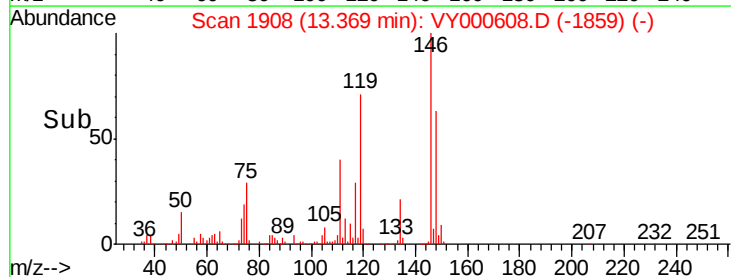
150000

100000

50000

0

Time-->

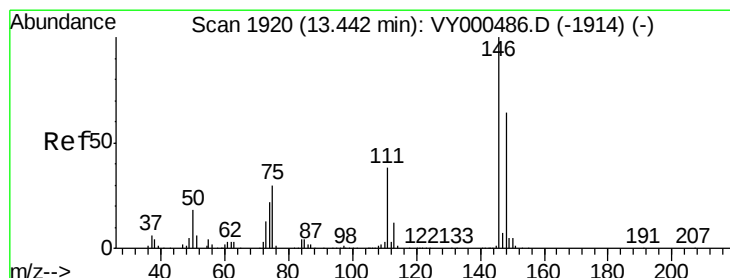
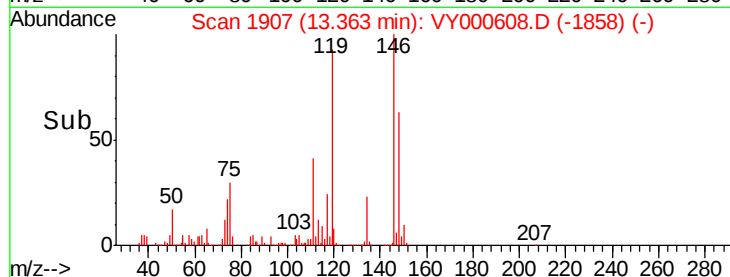
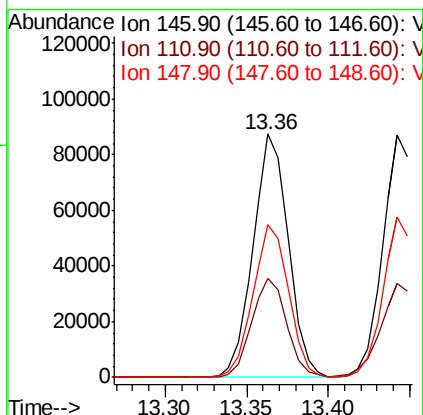
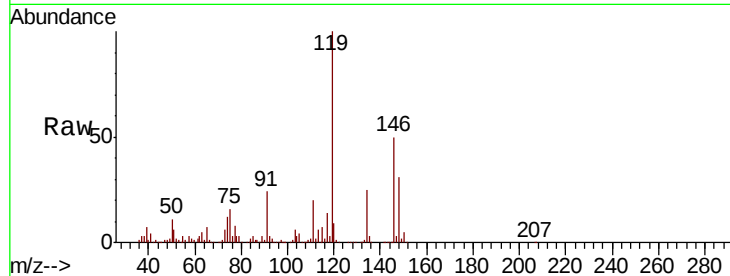




#87
 1,3-Dichlorobenzene
 Concen: 20.466 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

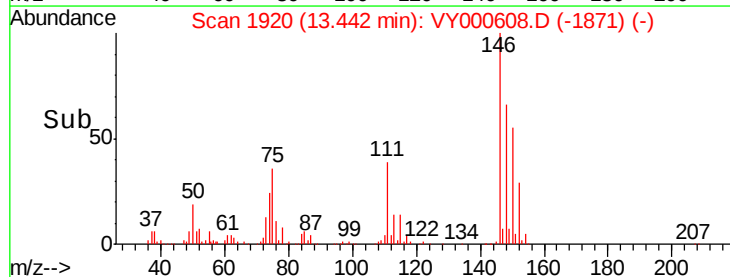
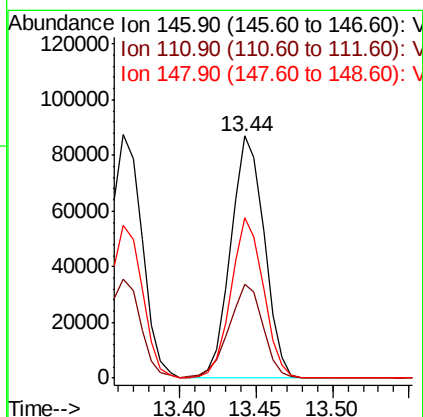
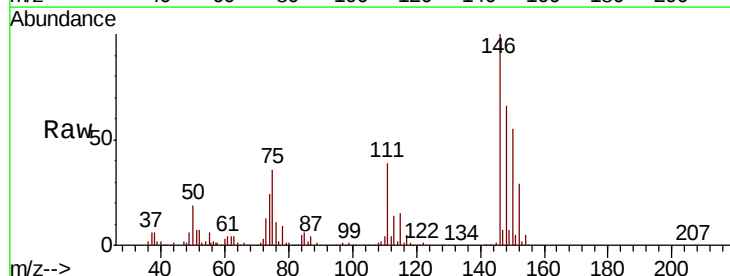
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBSD01

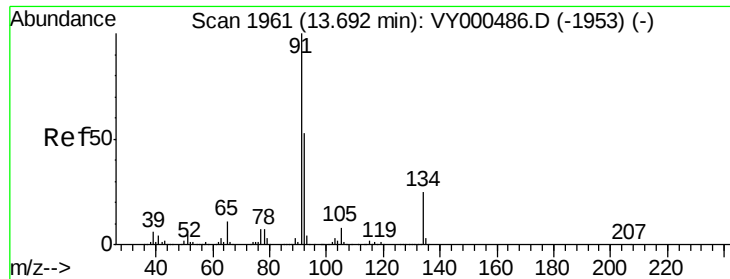
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.8
148	63.1	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.574 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

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





#89

n-Butylbenzene

Concen: 20.656 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000608.D

Acq: 08 Nov 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

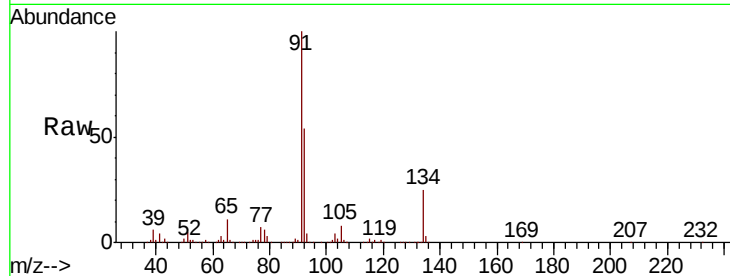
Tot Ion: 91 Resp: 265526

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

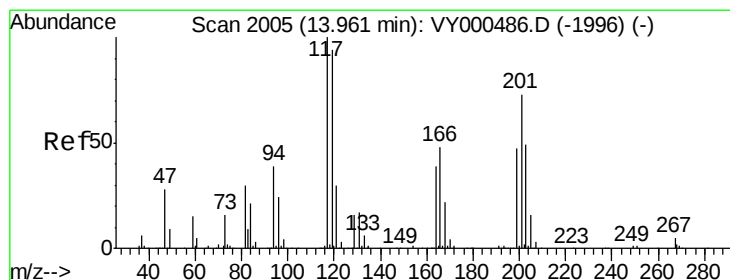
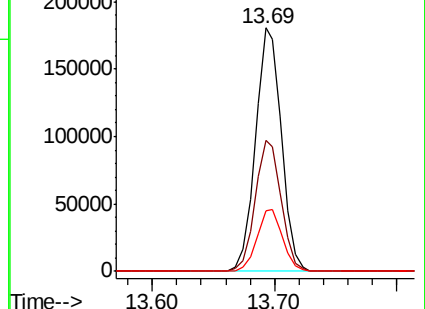
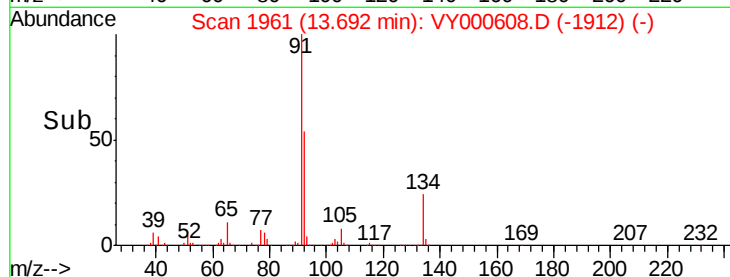
134 25.3 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000608.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY000608.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY000608.D (-1953) (-)



#90

Hexachloroethane

Concen: 20.839 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000608.D

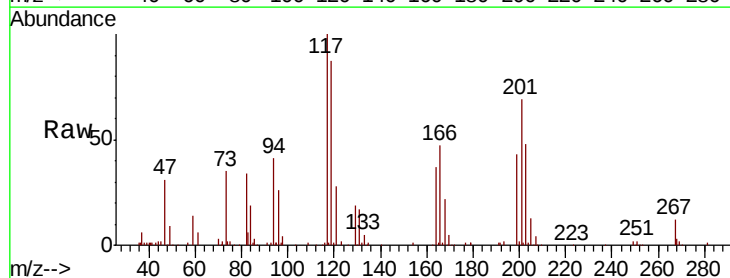
Acq: 08 Nov 2019 11:52

Tgt Ion: 117 Resp: 50209

Ion Ratio Lower Upper

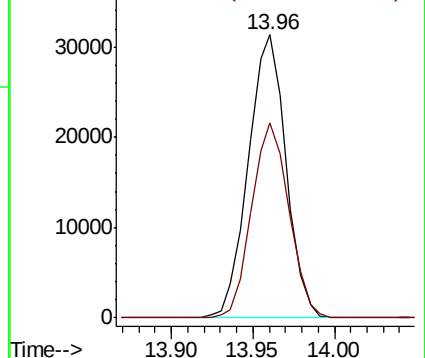
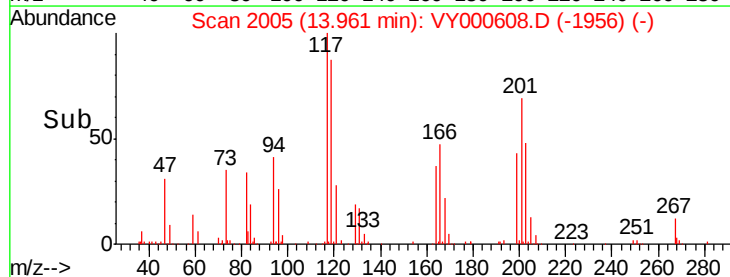
117 100

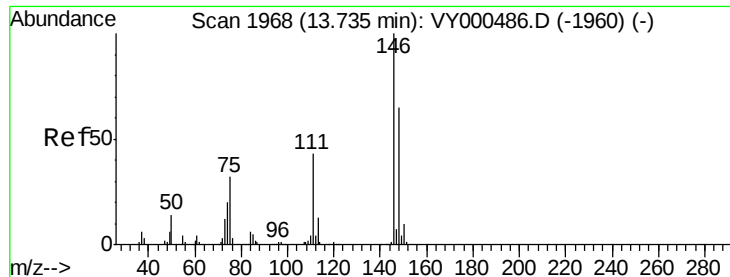
201 68.3 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000608.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000608.D (-1996) (-)

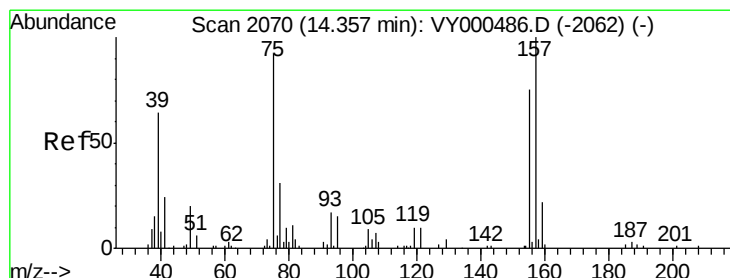
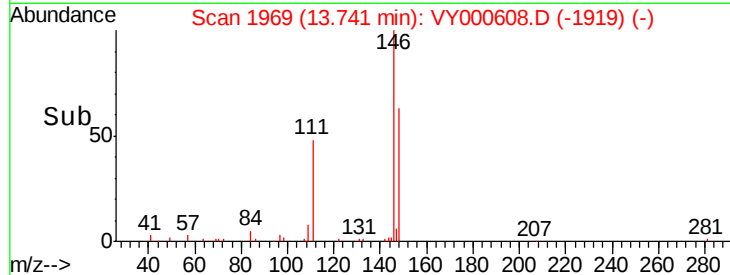
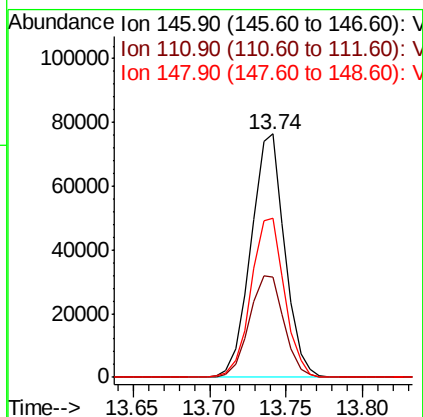
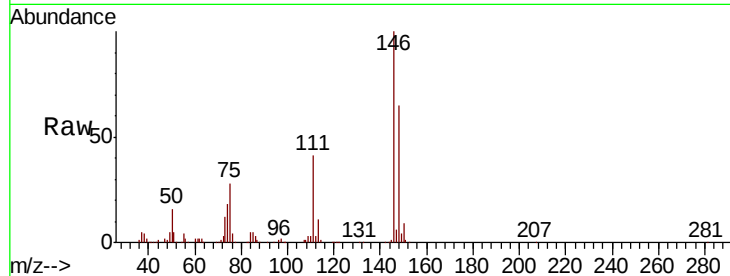




#91
 1,2-Dichlorobenzene
 Concen: 20.141 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

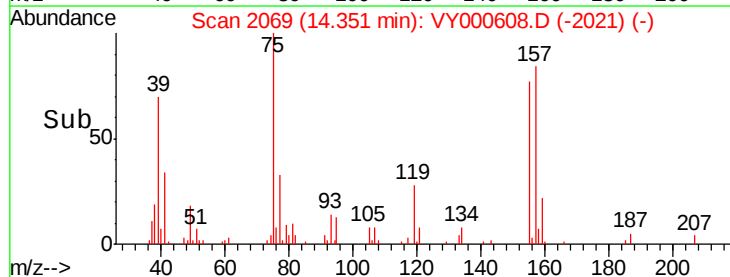
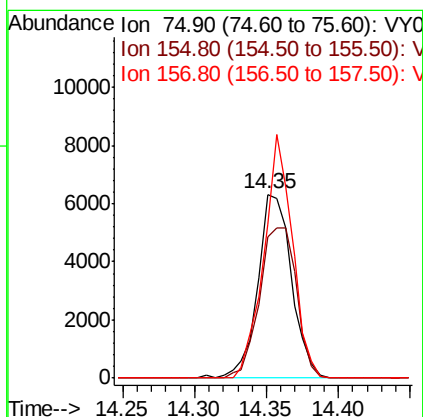
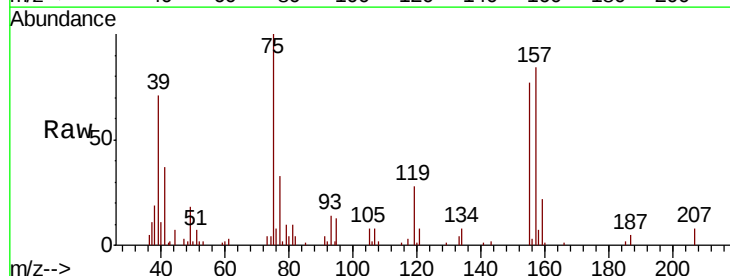
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

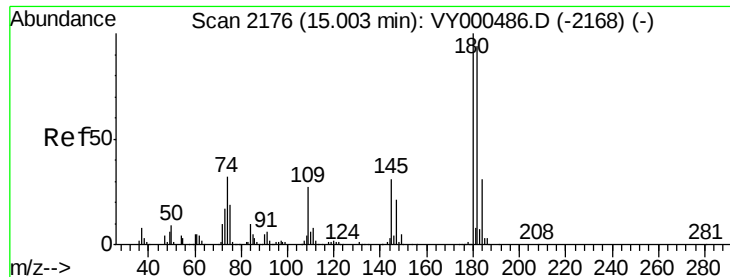
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.5	61.5
148	64.9	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.182 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	42.4	127.1
157	112.2	55.1	165.3

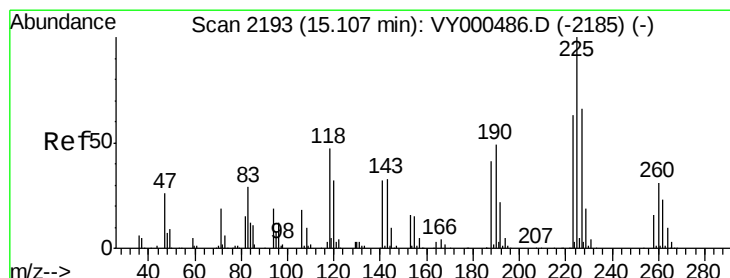
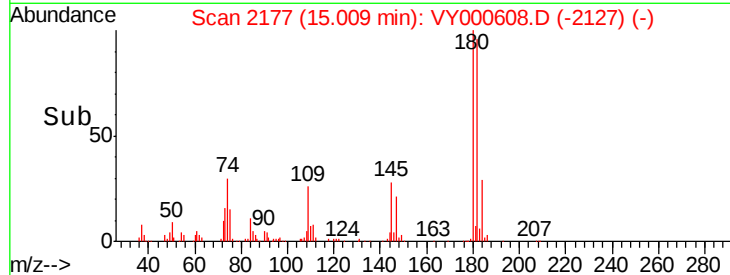
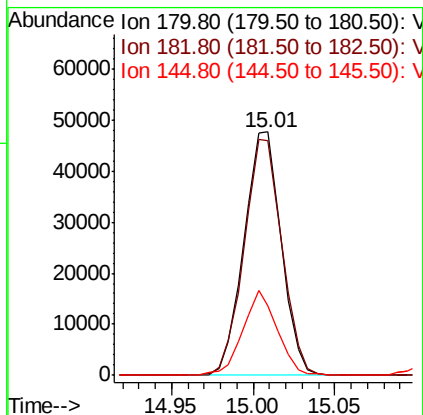
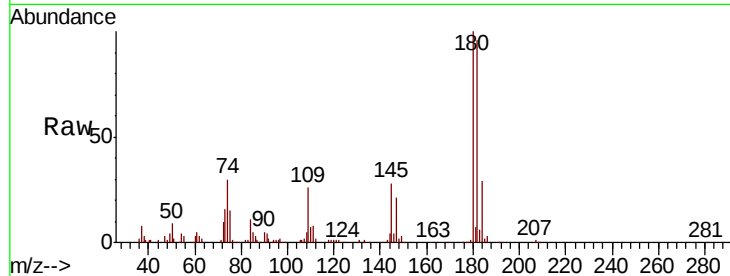




#93
 1,2,4-Trichlorobenzene
 Concen: 19.209 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

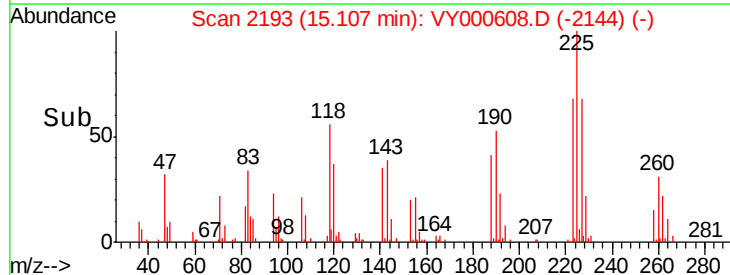
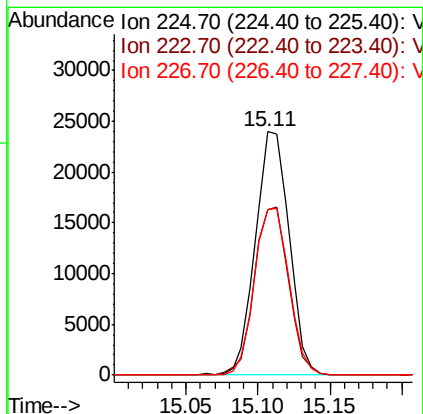
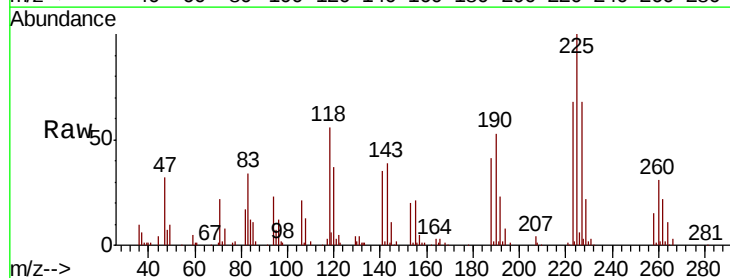
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBSD01

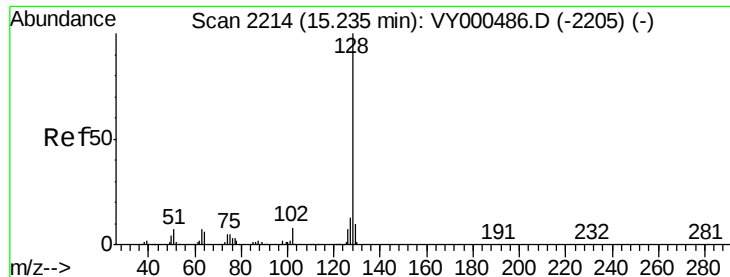
Tot Ion:180 Resp: 76078
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.8 143.4
 145 32.0 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 19.038 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000608.D
 Acq: 08 Nov 2019 11:52

Tgt Ion:225 Resp: 38868
 Ion Ratio Lower Upper
 225 100
 223 69.9 31.3 93.8
 227 69.8 32.4 97.0

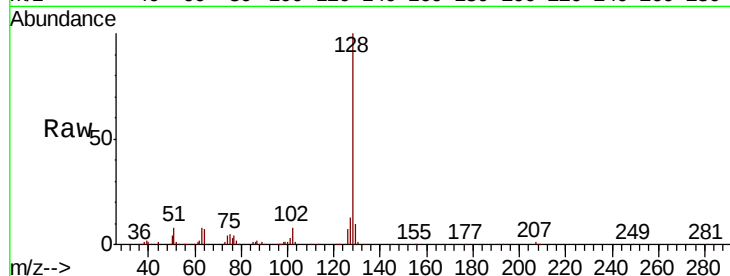




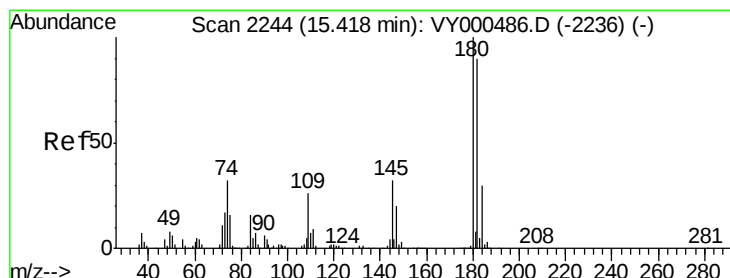
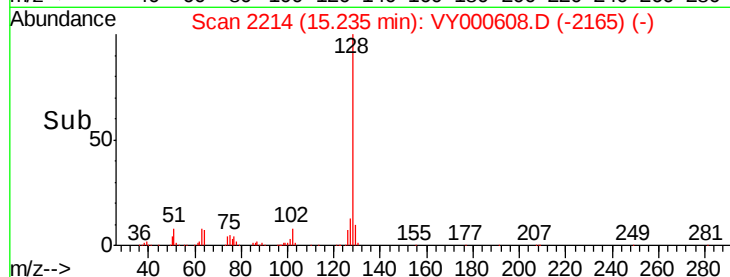
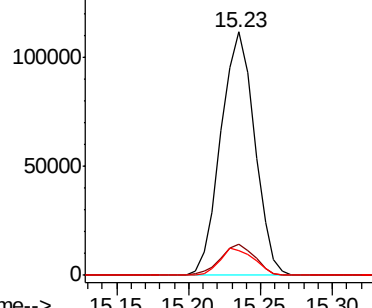
#95
Naphthalene
Concen: 20.601 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion:128 Resp: 181127
Ion Ratio Lower Upper
128 100
127 13.1 9.8 14.6
129 11.2 8.7 13.1

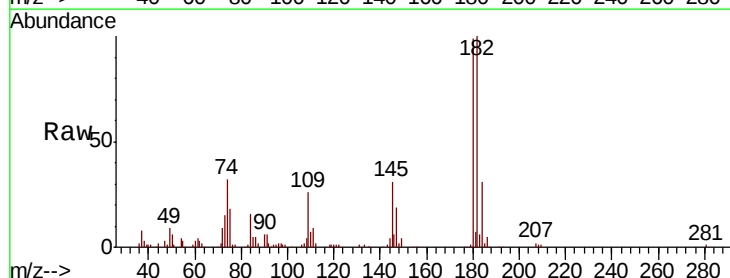


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.707 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000608.D
Acq: 08 Nov 2019 11:52

Tgt Ion:180 Resp: 70026
Ion Ratio Lower Upper
180 100
182 98.5 47.4 142.3
145 33.3 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

