

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001730.D
 Acq On : 20 Feb 2020 17:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 08:06:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	199444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	328572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152321	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	107730	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	7.75	113	96761	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	10.19	98	405862	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.49	95	147956	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	108469	55.793	ug/l	99
3) Chloromethane	2.13	50	135582	51.849	ug/l	99
4) Vinyl Chloride	2.26	62	136038	51.578	ug/l	100
5) Bromomethane	2.66	94	88944	53.958	ug/l	98
6) Chloroethane	2.81	64	85577	52.654	ug/l	100
7) Trichlorofluoromethane	3.15	101	178671	52.930	ug/l	99
8) Diethyl Ether	3.55	74	71274	53.560	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	113086	53.299	ug/l	100
10) Methyl Iodide	4.11	142	132511	51.031	ug/l	99
11) Tert butyl alcohol	4.99	59	66603	270.016	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	114798	53.049	ug/l	98
13) Acrolein	3.75	56	55620	256.709	ug/l	99
14) Allyl chloride	4.51	41	208806	54.217	ug/l	98
15) Acrylonitrile	5.20	53	189291	277.511	ug/l	100
16) Acetone	3.97	43	171446	230.965	ug/l	97
17) Carbon Disulfide	4.22	76	369016	51.077	ug/l	100
18) Methyl Acetate	4.50	43	87591	54.184	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	324197	53.808	ug/l	99
20) Methylene Chloride	4.75	84	131709	49.953	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	127966	51.830	ug/l	96
22) Diisopropyl ether	6.15	45	429478	54.302	ug/l	98
23) Vinyl Acetate	6.10	43	1430436	277.267	ug/l	98
24) 1,1-Dichloroethane	6.05	63	227731	53.872	ug/l	99
25) 2-Butanone	7.02	43	259360	257.203	ug/l	99
26) 2,2-Dichloropropane	7.02	77	192529	52.349	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	144655	53.079	ug/l	99
28) Bromochloromethane	7.36	49	101723	57.767	ug/l	98
29) Tetrahydrofuran	7.38	42	170255	279.340	ug/l	98
30) Chloroform	7.53	83	217613	52.685	ug/l	100
31) Cyclohexane	7.81	56	231558	51.376	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	185807	53.523	ug/l	99
36) 1,1-Dichloropropene	7.94	75	180023	51.940	ug/l	99
37) Ethyl Acetate	7.11	43	111120	53.716	ug/l	100
38) Carbon Tetrachloride	7.92	117	156482	51.401	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	237664	51.687	ug/l	98
40) Benzene	8.19	78	531128	52.104	ug/l	98
41) Methacrylonitrile	7.37	41	150969	145.345	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	147306	53.044	ug/l	100
43) Isopropyl Acetate	8.30	43	214397	54.623	ug/l	99
44) Trichloroethene	8.96	130	130432	51.258	ug/l	99
45) 1,2-Dichloropropane	9.24	63	136821	53.595	ug/l	100
46) Dibromomethane	9.32	93	70840	53.054	ug/l	98
47) Bromodichloromethane	9.52	83	169845	52.704	ug/l	99
48) Methyl methacrylate	9.31	41	96268	54.232	ug/l	99
49) 1,4-Dioxane	9.31	88	19729	1046.129	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	552016	273.732	ug/l	98
52) Toluene	10.26	92	330954	52.049	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	189467	53.182	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	215988	52.676	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	104237	52.942	ug/l	99
56) Ethyl methacrylate	10.52	69	162103	54.882	ug/l	98
57) 1,3-Dichloropropane	10.80	76	186318	53.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	291843	263.785	ug/l	99
59) 2-Hexanone	10.85	43	392734	259.555	ug/l	99
60) Dibromochloromethane	11.00	129	112242	51.708	ug/l	99
61) 1,2-Dibromoethane	11.10	107	100891	54.195	ug/l	99
64) Tetrachloroethene	10.74	164	104165	50.501	ug/l	97
65) Chlorobenzene	11.53	112	336604	51.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	116170	52.498	ug/l	99
67) Ethyl Benzene	11.61	91	633643	52.050	ug/l	99
68) m/p-Xylenes	11.72	106	471565	103.700	ug/l	99
69) o-Xylene	12.04	106	226050	52.288	ug/l	98
70) Styrene	12.06	104	393691	52.399	ug/l	99
71) Bromoform	12.22	173	65880	52.095	ug/l #	99
73) Isopropylbenzene	12.34	105	605877	52.212	ug/l	100
74) N-amyl acetate	12.16	43	200554	54.154	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	134812	54.410	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	173496	99.293	ug/l #	100
77) Bromobenzene	12.62	156	129207	51.363	ug/l	99
78) n-propylbenzene	12.69	91	751847	53.199	ug/l	100
79) 2-Chlorotoluene	12.77	91	418623	52.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	503639	52.431	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	48952	53.150	ug/l	96
82) 4-Chlorotoluene	12.87	91	441153	52.769	ug/l	100
83) tert-Butylbenzene	13.09	119	426517	53.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	506050	52.843	ug/l	100
85) sec-Butylbenzene	13.27	105	619007	52.389	ug/l	100
86) p-Isopropyltoluene	13.38	119	535277	52.148	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	251916	51.636	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	251148	50.927	ug/l	99
89) n-Butylbenzene	13.71	91	553961	52.816	ug/l	99
90) Hexachloroethane	13.97	117	101863	52.671	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	230582	51.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	22442	54.883	ug/l	96

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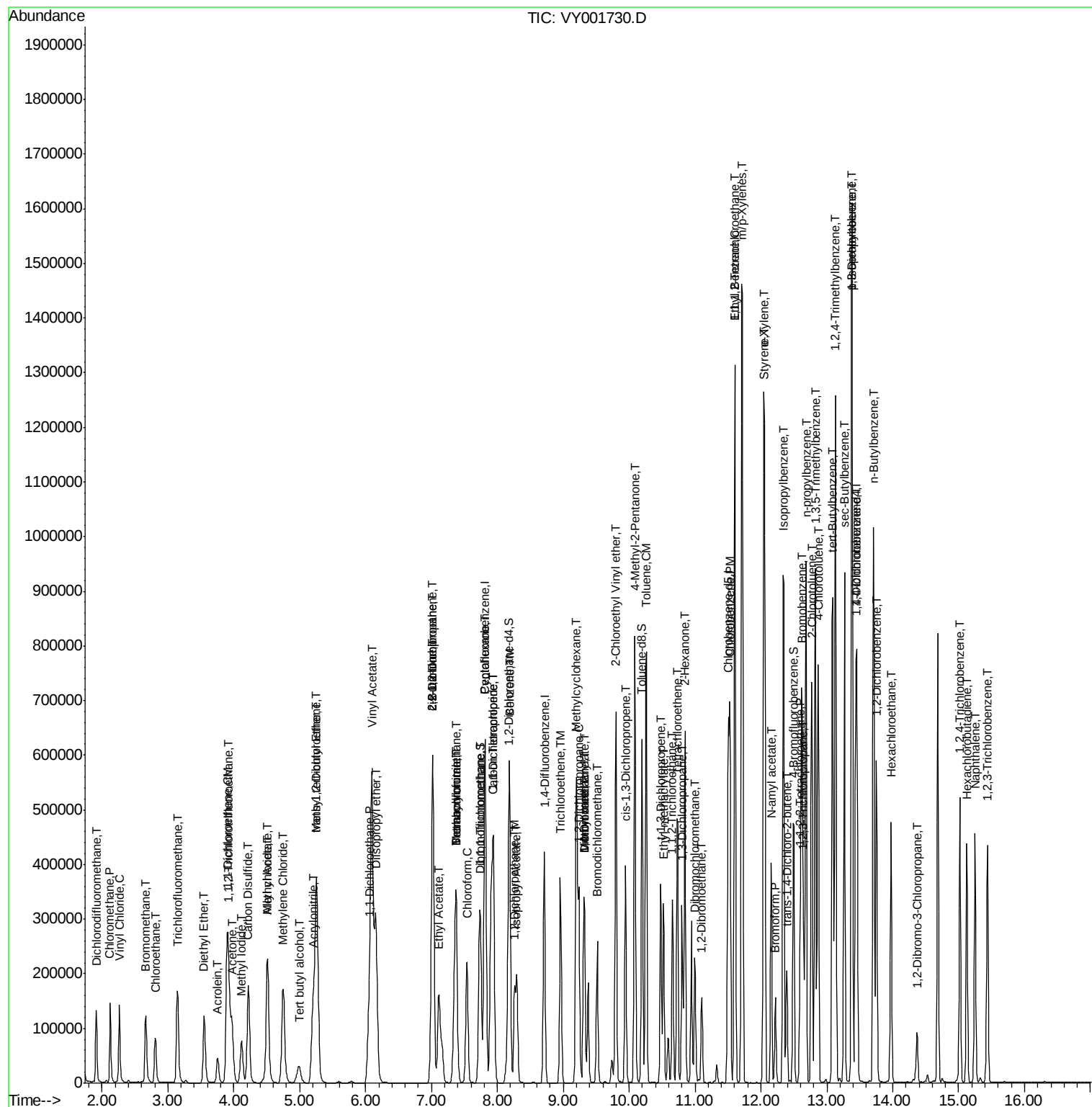
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	151017	50.616	ug/l	99
94) Hexachlorobutadiene	15.12	225	72470	48.841	ug/l	100
95) Naphthalene	15.25	128	365832	53.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	132465	50.466	ug/l	100

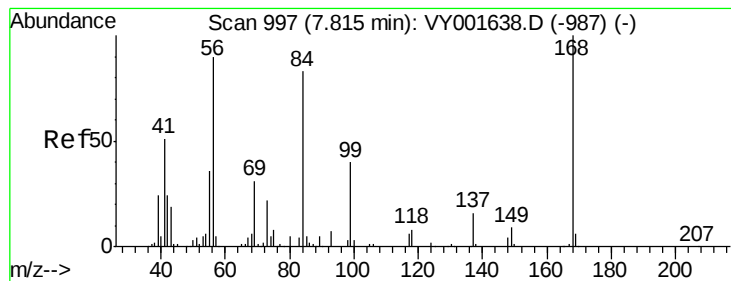
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

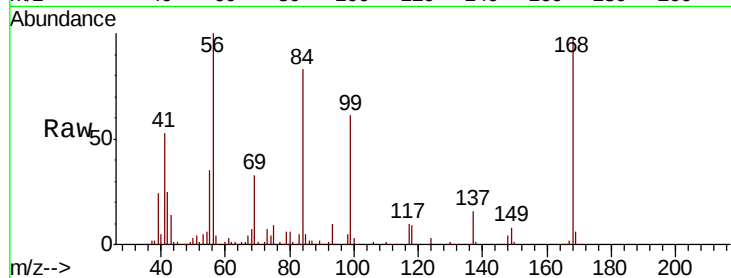
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 199444

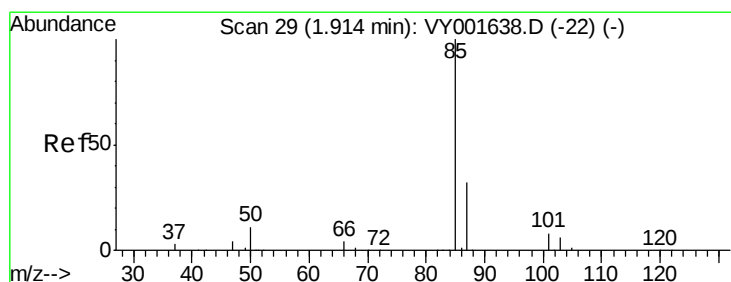
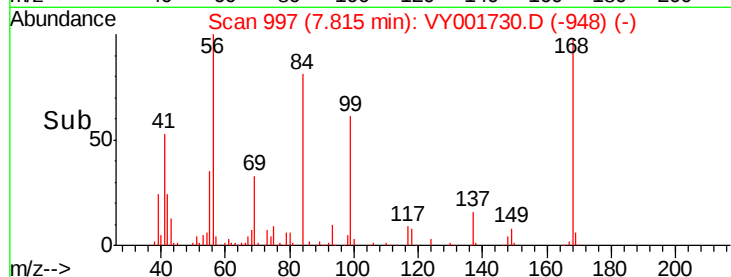
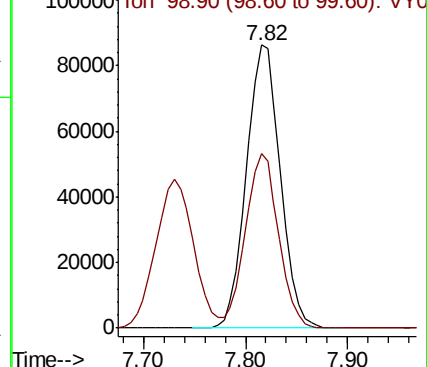
Ion Ratio Lower Upper

168 100

99 61.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001730.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 55.793 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001730.D

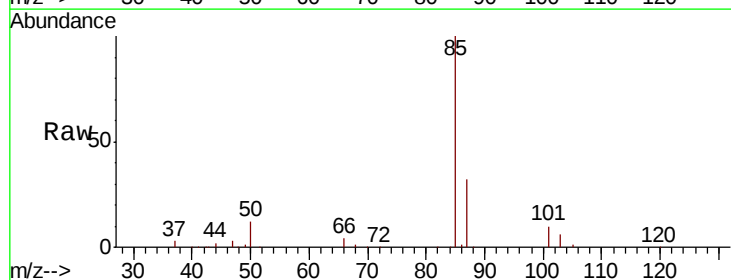
Acq: 20 Feb 2020 17:54

Tgt Ion: 85 Resp: 108469

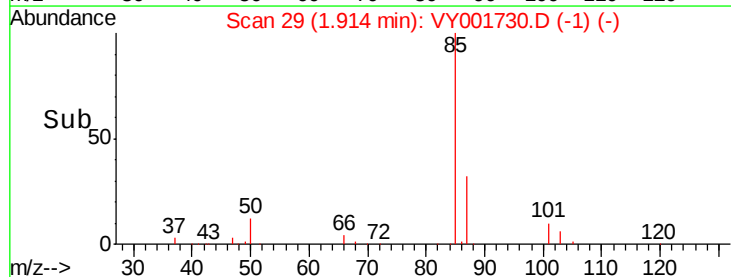
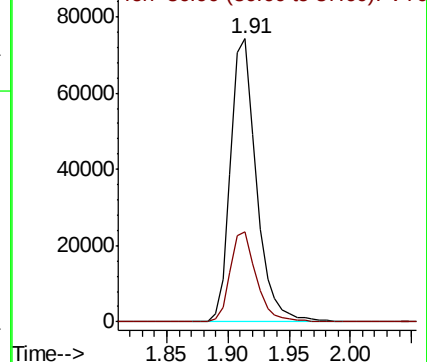
Ion Ratio Lower Upper

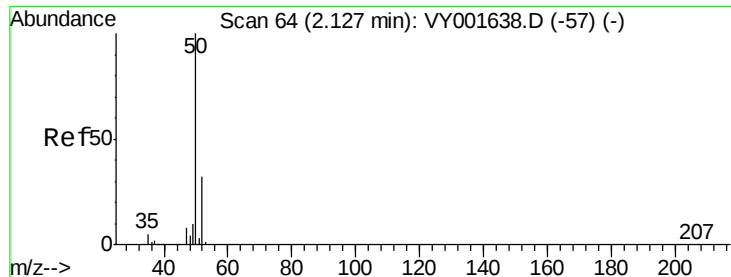
85 100

87 31.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001730.D (-1) (-)





#3

Chloromethane

Concen: 51.849 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

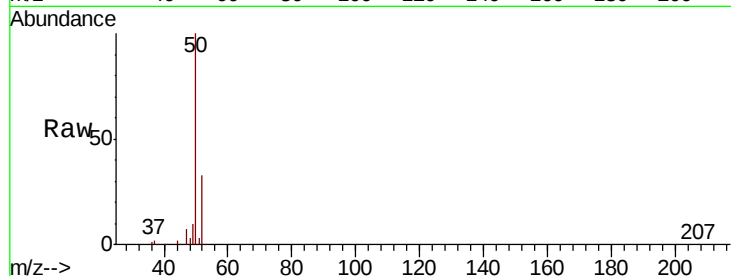
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 135582

Ion Ratio Lower Upper

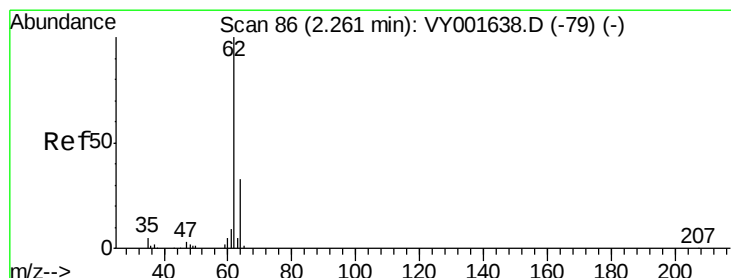
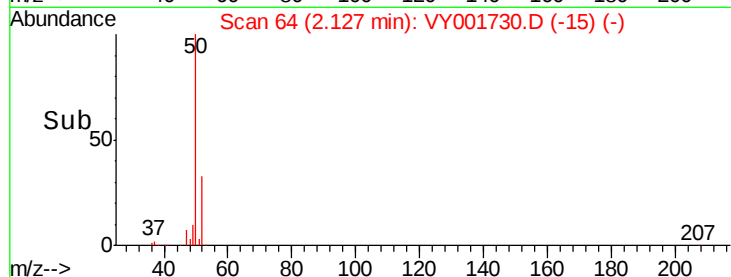
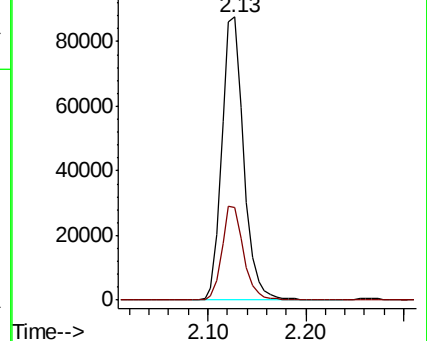
50 100

52 32.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001730.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001730.D (-57) (-)



#4

Vinyl Chloride

Concen: 51.578 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001730.D

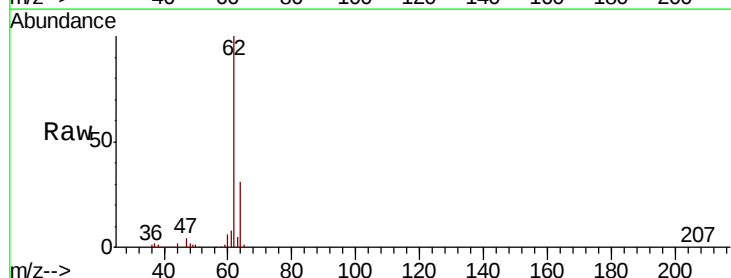
Acq: 20 Feb 2020 17:54

Tgt Ion: 62 Resp: 136038

Ion Ratio Lower Upper

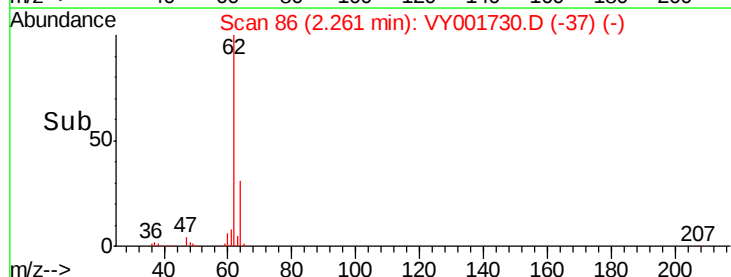
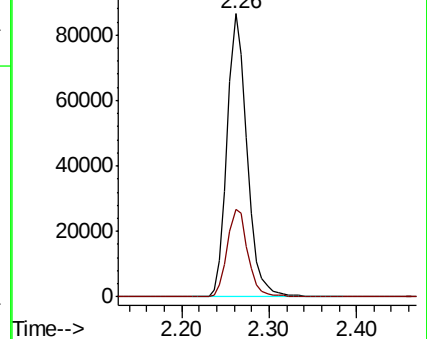
62 100

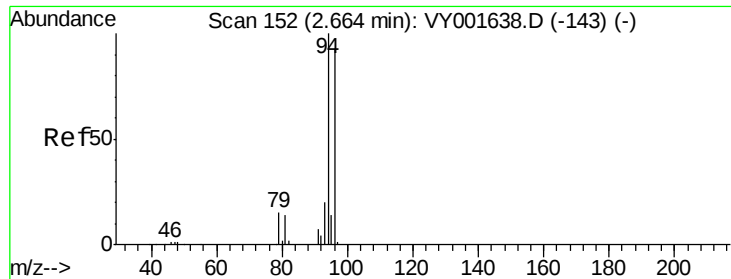
64 31.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY001730.D (-79) (-)

Ion 63.90 (63.60 to 64.60): VY001730.D (-79) (-)





#5

Bromomethane

Concen: 53.958 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

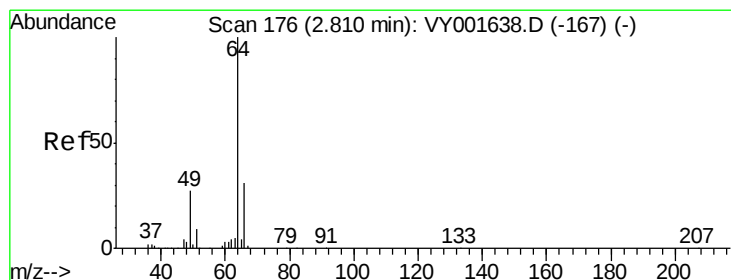
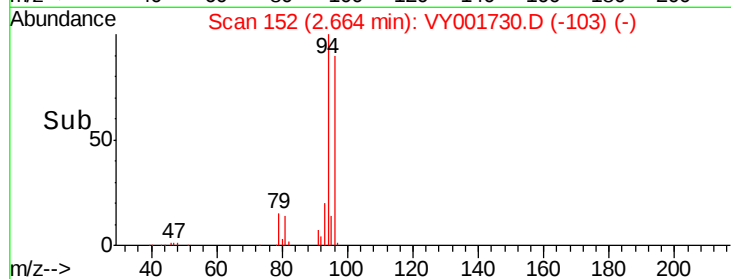
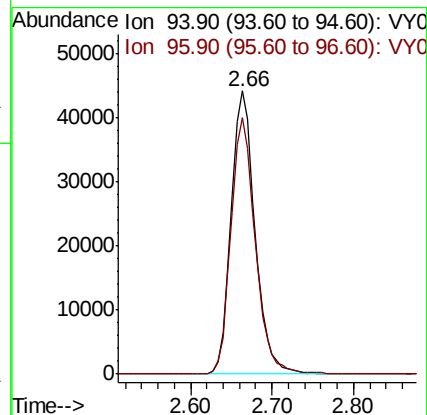
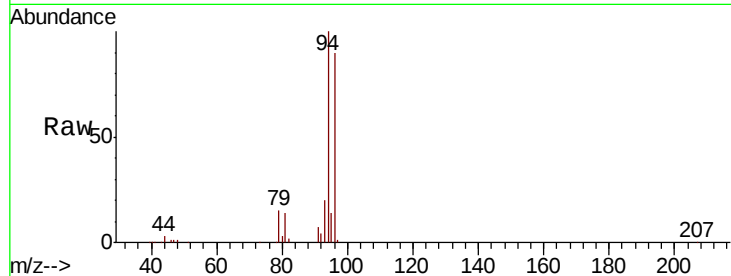
ClientSampleId :

Tot Ion: 94 Resp: 88944

Ion Ratio Lower Upper

94 100

96 90.4 73.7 110.5



#6

Chloroethane

Concen: 52.654 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001730.D

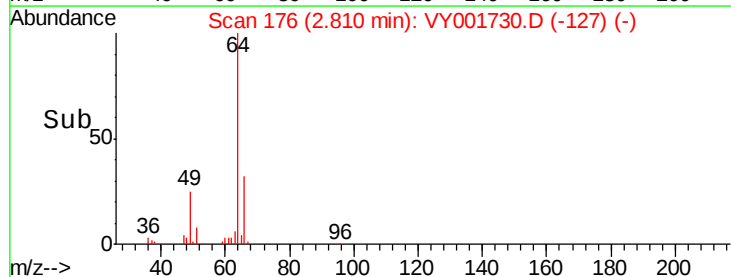
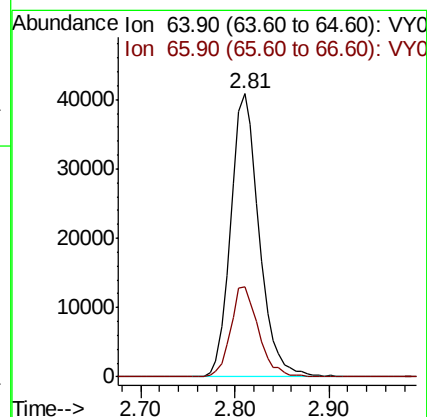
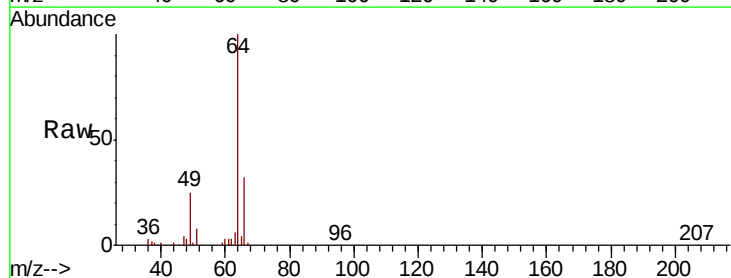
Acq: 20 Feb 2020 17:54

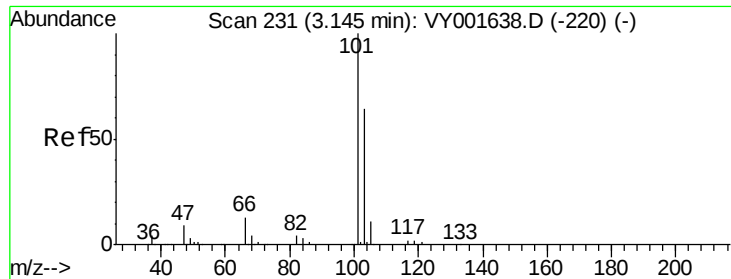
Tgt Ion: 64 Resp: 85577

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



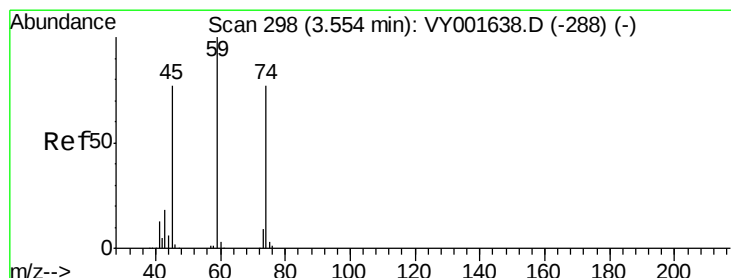
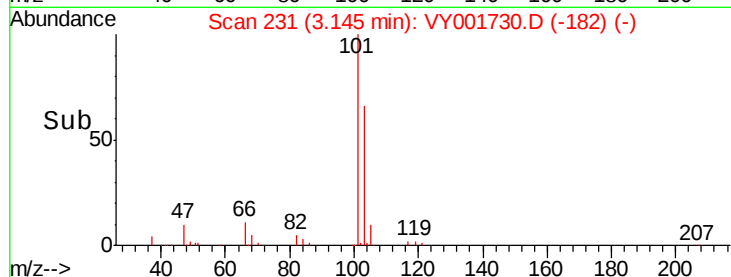
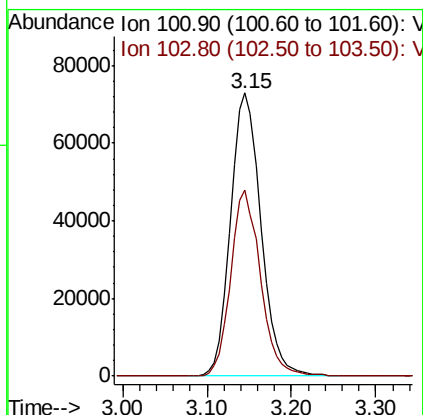
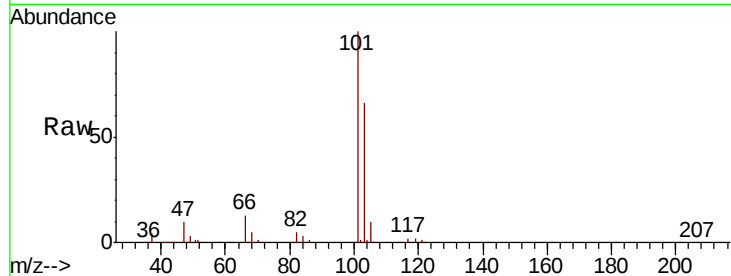


#7

Trichlorofluoromethane
 Concen: 52.930 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
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 ClientSampleId :

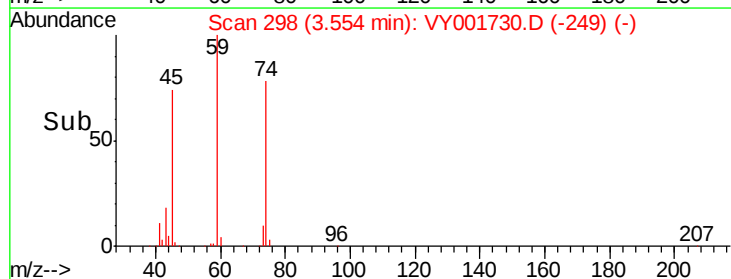
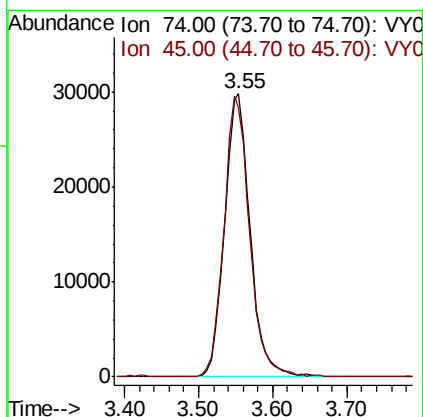
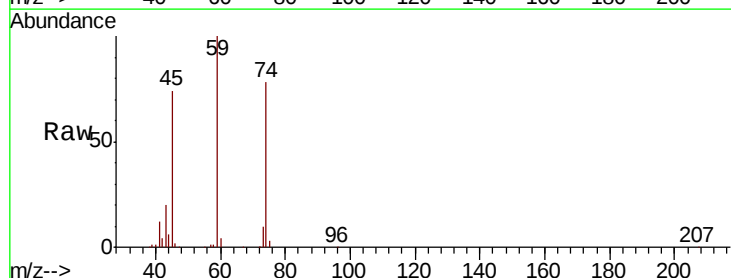
Tot Ion:101 Resp: 178671
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.2

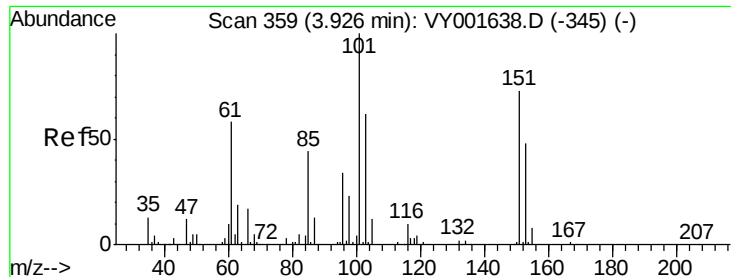


#8

Diethyl Ether
 Concen: 53.560 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 74 Resp: 71274
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.299 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

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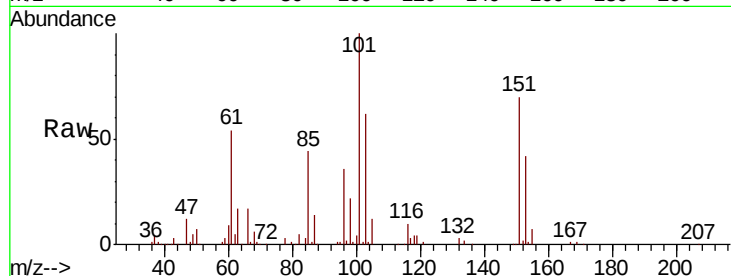
Tot Ion:101 Resp: 113086

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

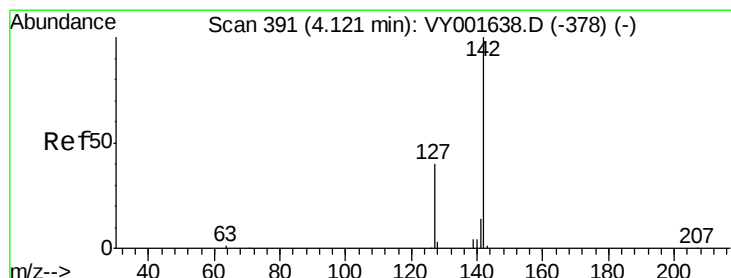
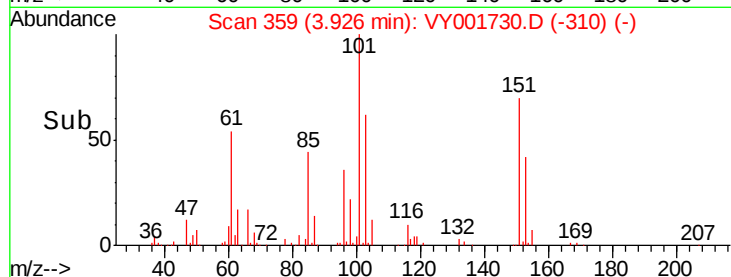
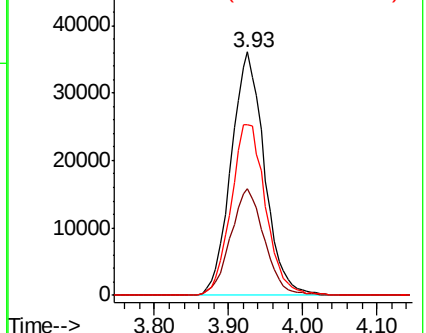
151 73.2 58.4 87.6



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: 51.031 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

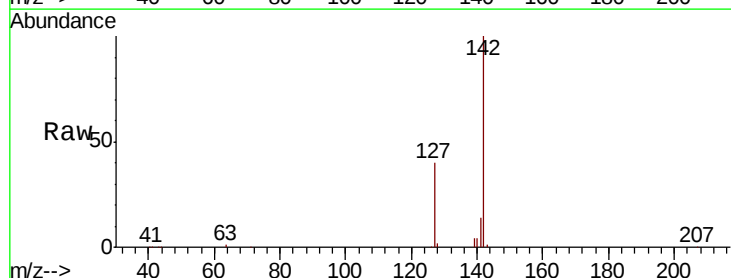
Tgt Ion:142 Resp: 132511

Ion Ratio Lower Upper

142 100

127 40.5 32.1 48.1

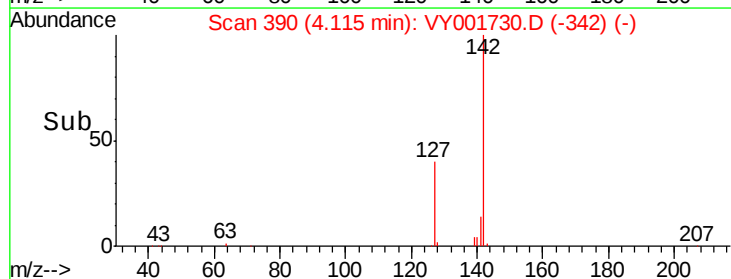
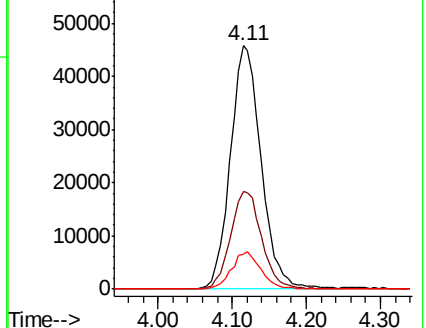
141 14.6 11.3 16.9

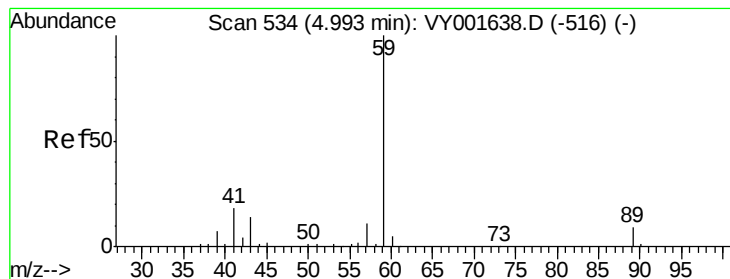


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



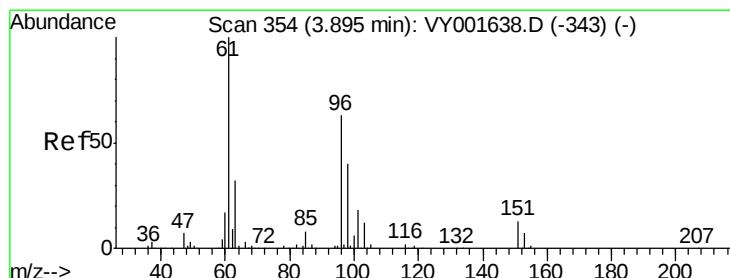
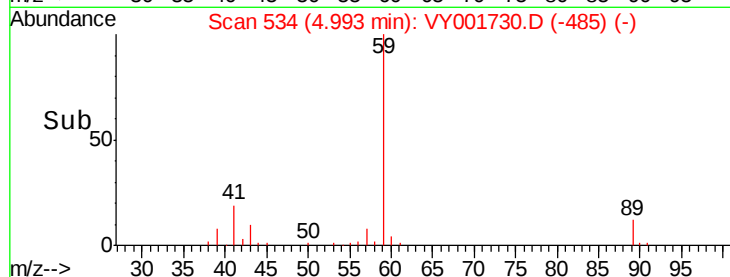
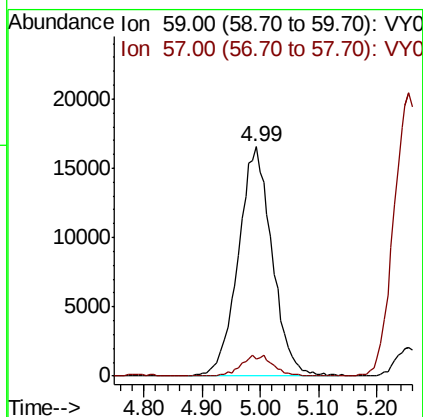
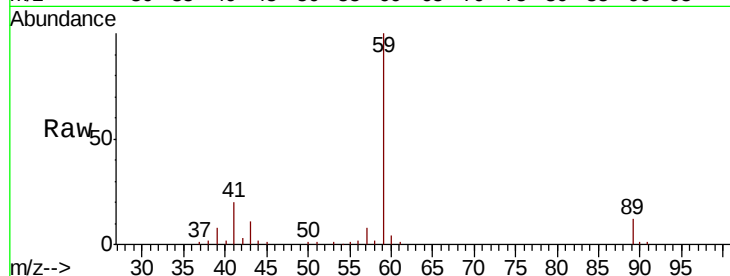


#11

Tert butyl alcohol
 Concen: 270.016 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :

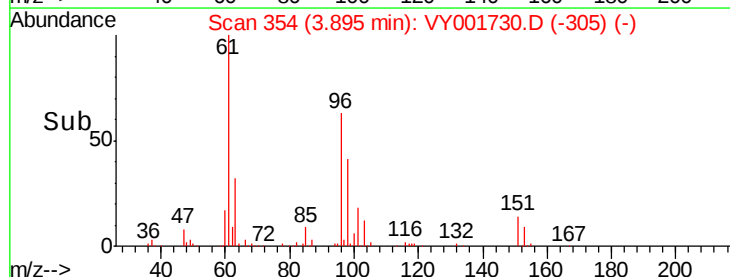
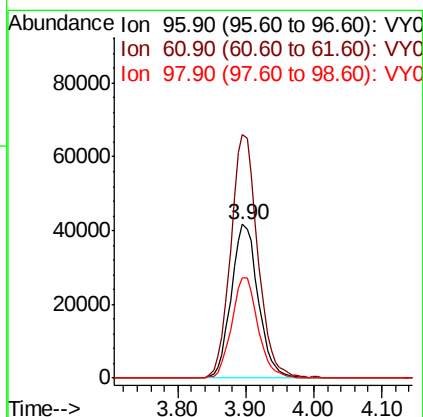
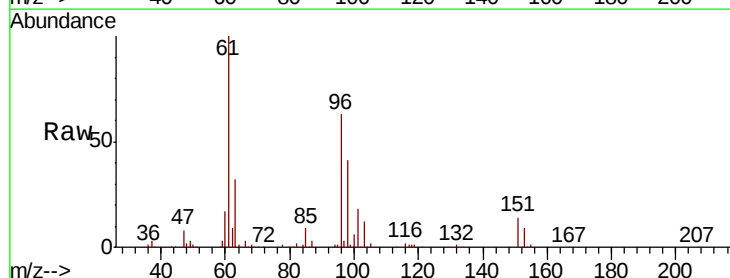
Tot Ion: 59 Resp: 66603
 Ion Ratio Lower Upper
 59 100
 57 4.4 7.4 11.2#

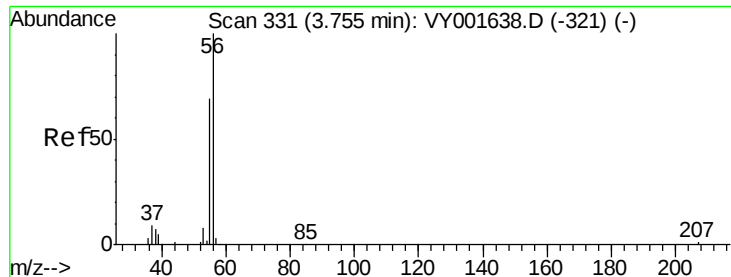


#12

1,1-Dichloroethene
 Concen: 53.049 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 96 Resp: 114798
 Ion Ratio Lower Upper
 96 100
 61 158.5 128.7 193.1
 98 65.0 50.7 76.1





#13

Acrolein

Concen: 256.709 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

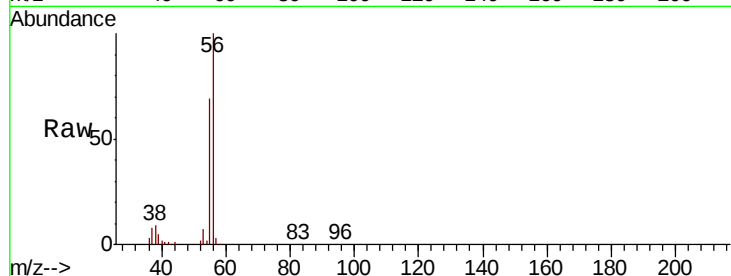
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 55620

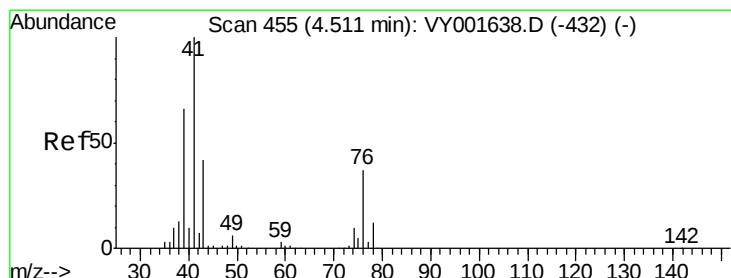
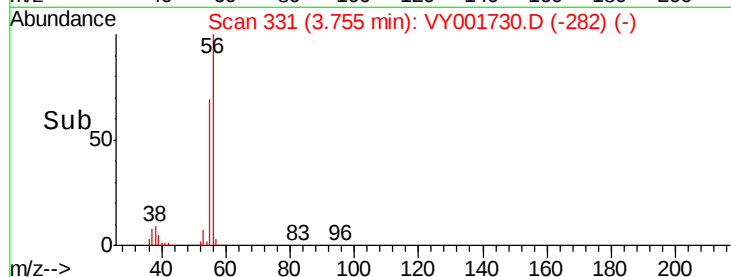
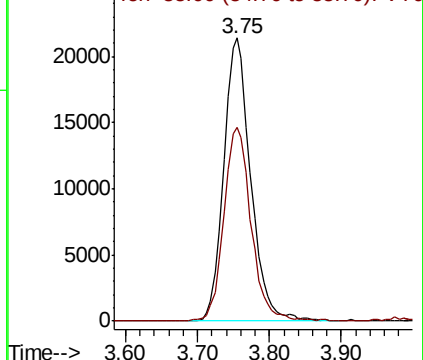
Ion Ratio Lower Upper

56 100

55 69.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 54.217 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

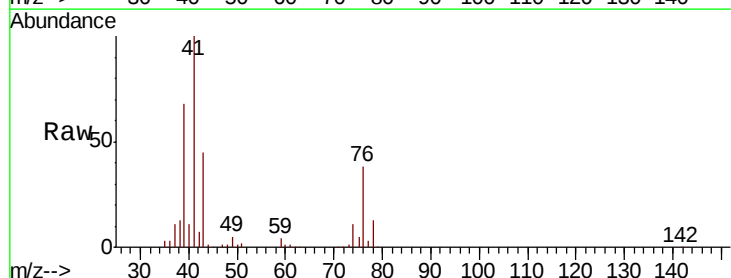
Tgt Ion: 41 Resp: 208806

Ion Ratio Lower Upper

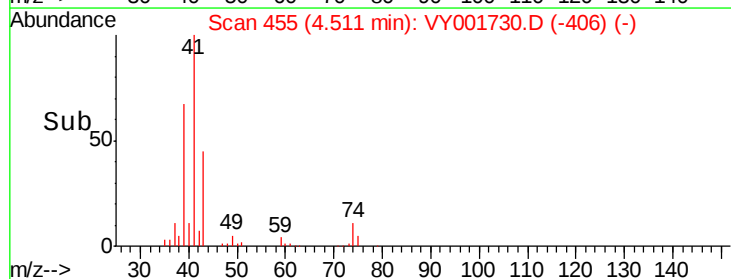
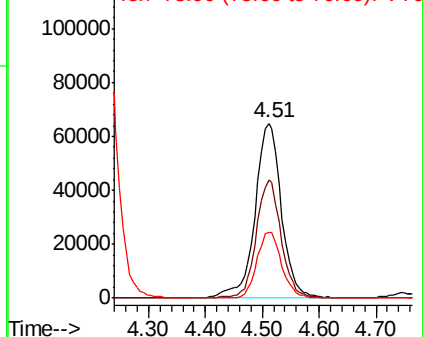
41 100

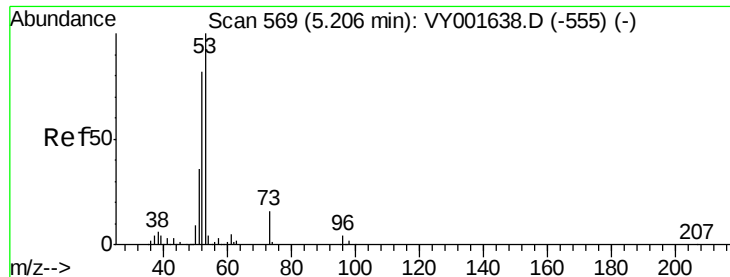
39 63.7 49.4 74.0

76 35.5 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 277.511 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

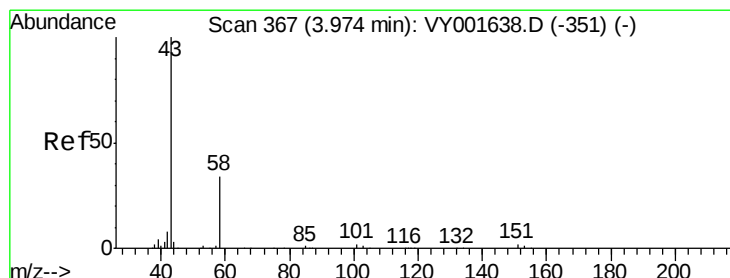
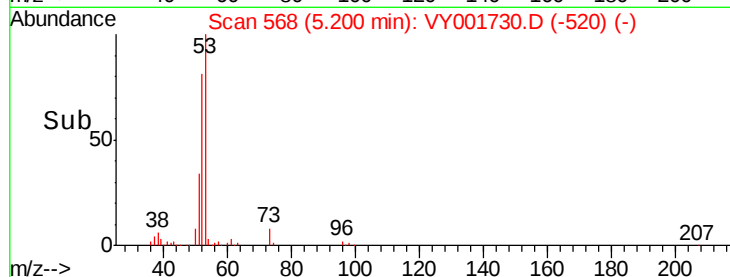
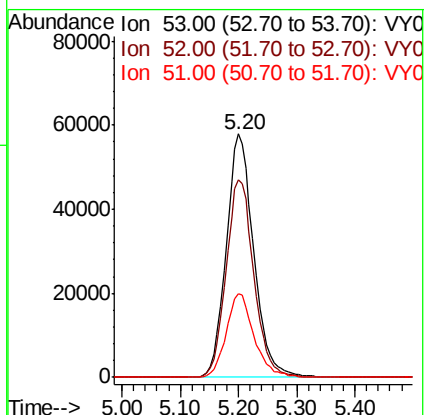
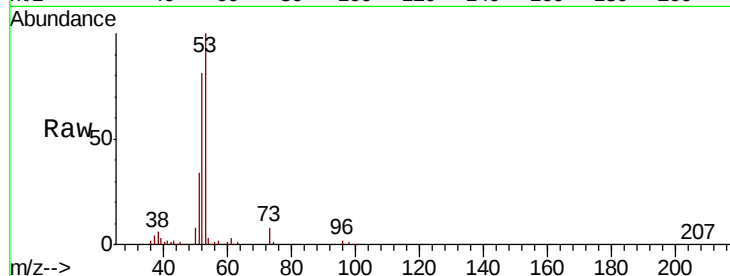
Tot Ion: 53 Resp: 189291

Ion Ratio Lower Upper

53 100

52 81.9 65.4 98.0

51 34.9 28.0 42.0



#16

Acetone

Concen: 230.965 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001730.D

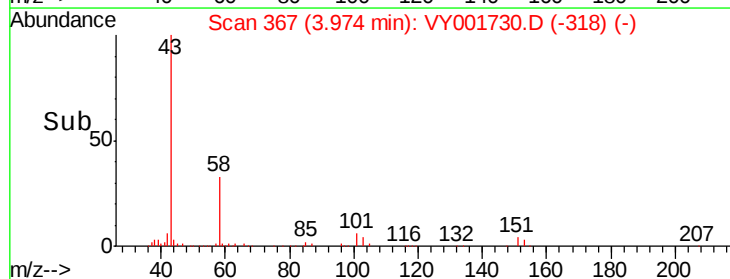
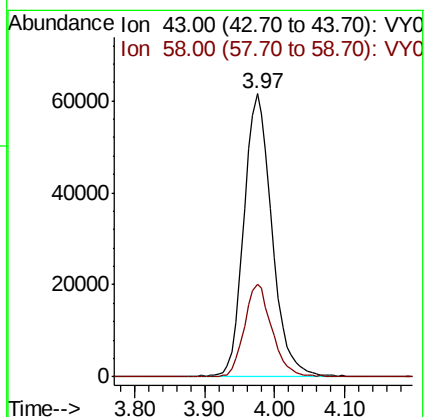
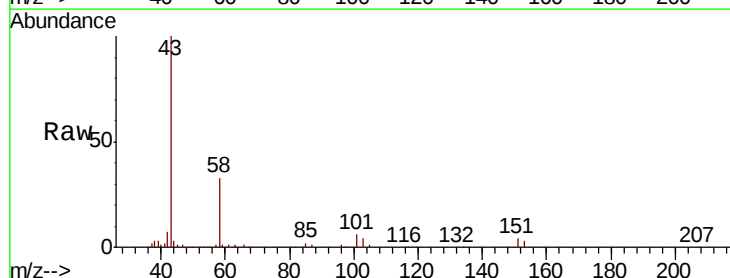
Acq: 20 Feb 2020 17:54

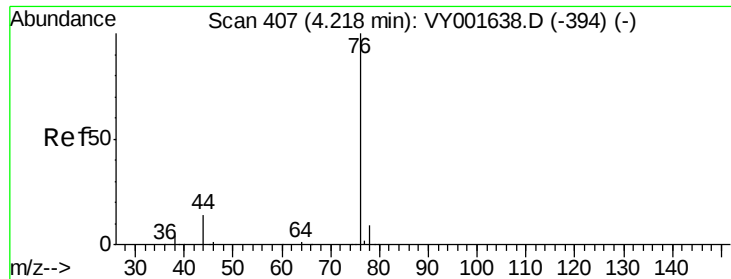
Tgt Ion: 43 Resp: 171446

Ion Ratio Lower Upper

43 100

58 32.6 27.3 40.9

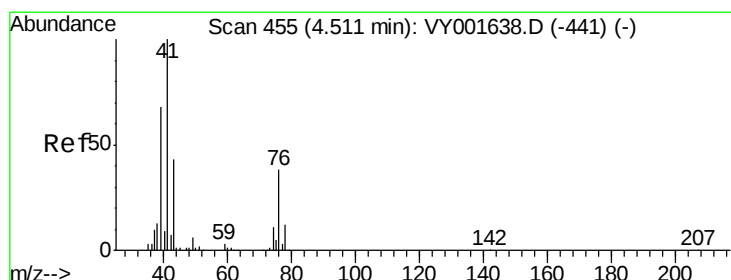
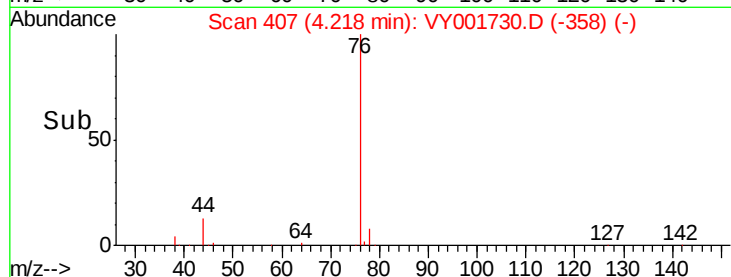
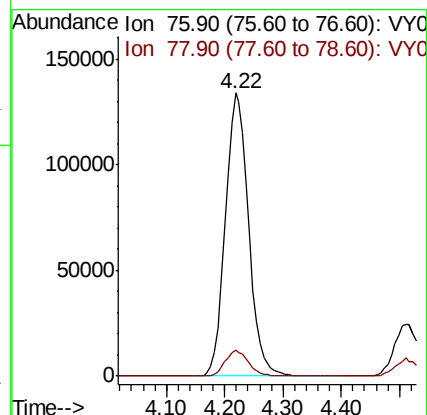
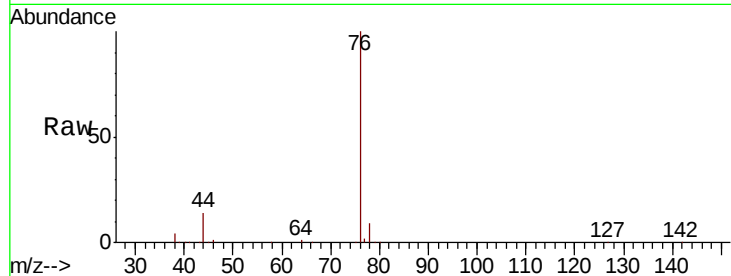




#17
Carbon Disulfide
Concen: 51.077 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

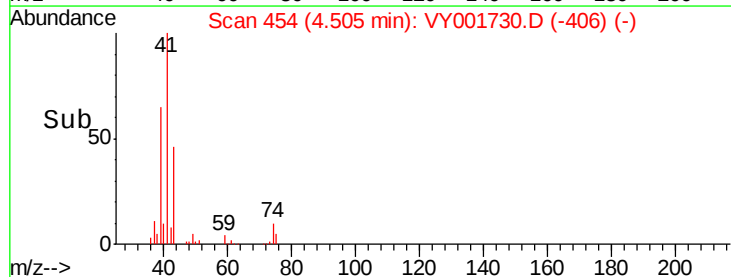
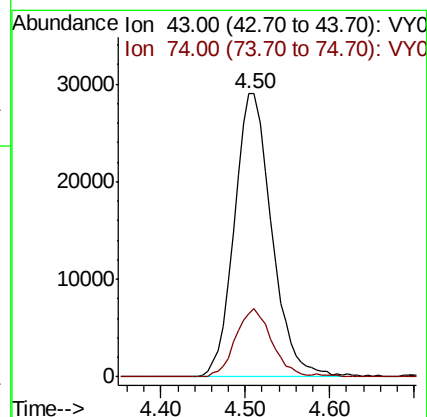
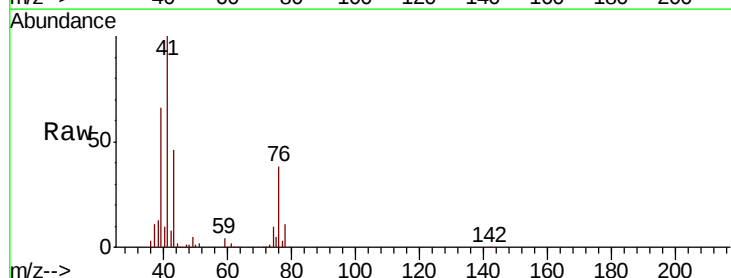
Instrument :
MSVOA_Y
ClientSampled :

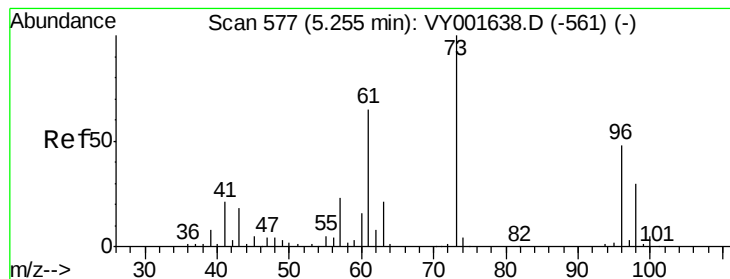
Tot Ion: 76 Resp: 369016
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 54.184 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 43 Resp: 87591
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7



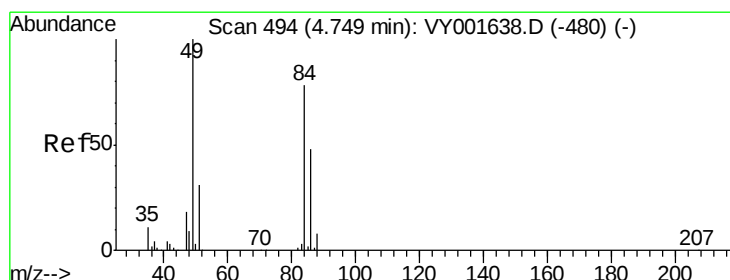
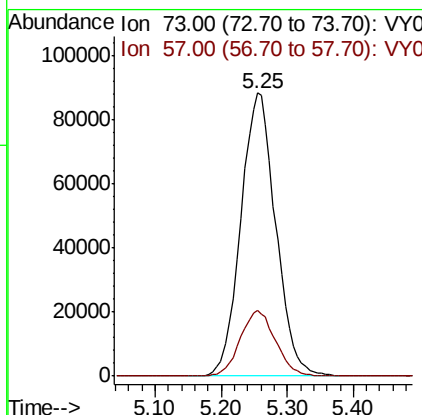
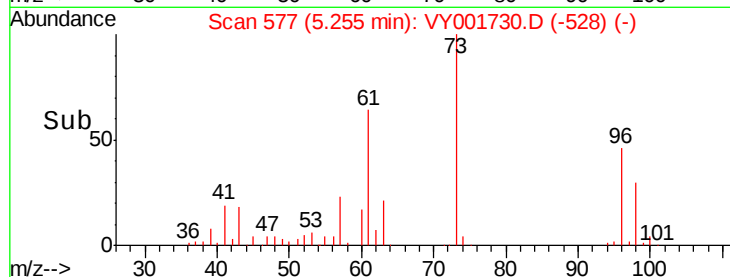
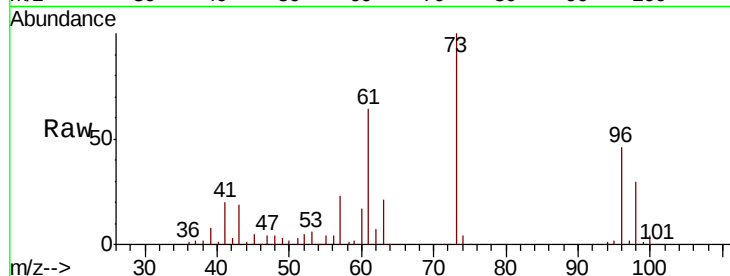


#19

Methyl tert-butyl Ether
 Concen: 53.808 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampled :

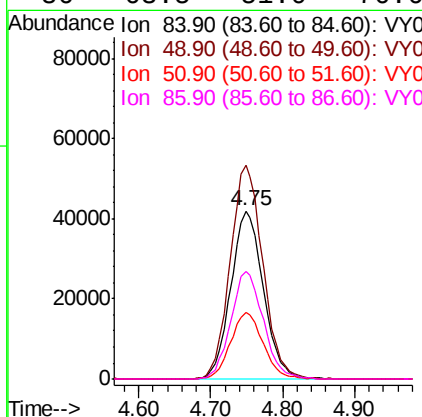
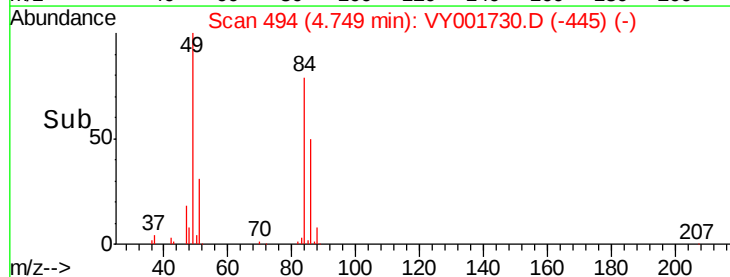
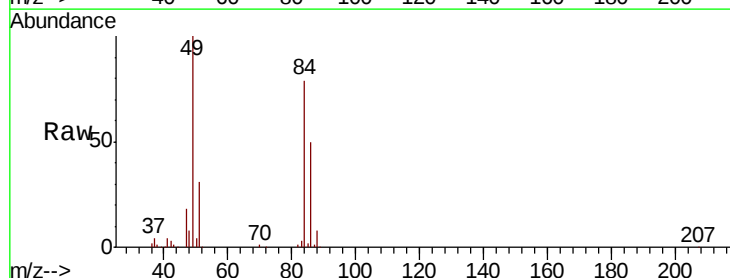
Tot Ion: 73 Resp: 324197
 Ion Ratio Lower Upper
 73 100
 57 23.1 19.0 28.6

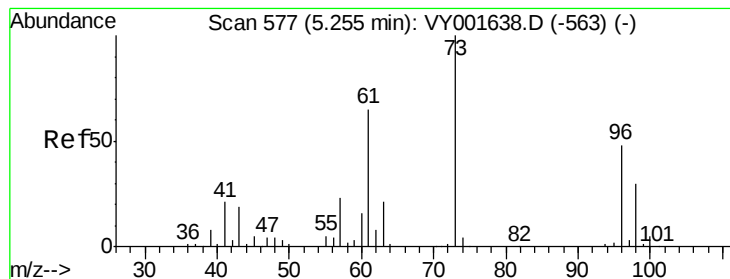


#20

Methylene Chloride
 Concen: 49.953 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 84 Resp: 131709
 Ion Ratio Lower Upper
 84 100
 49 126.9 99.2 148.8
 51 39.8 31.5 47.3
 86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.830 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :
MSVOA_Y
ClientSampled :

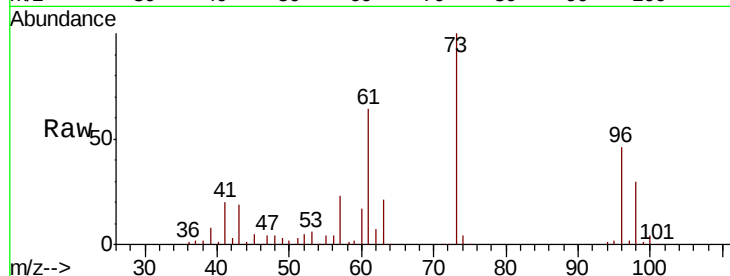
Tot Ion: 96 Resp: 127966

Ion Ratio Lower Upper

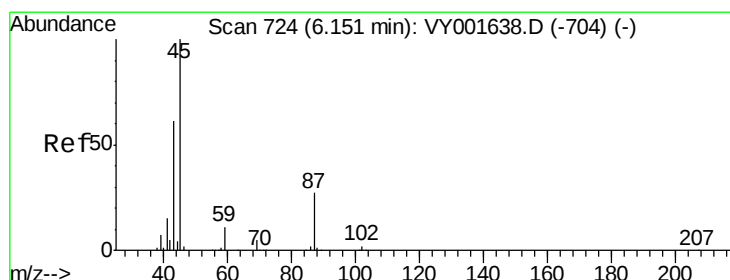
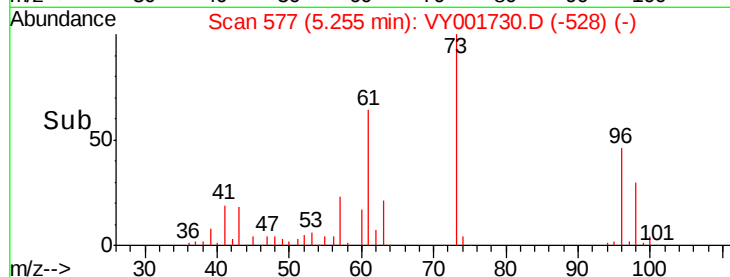
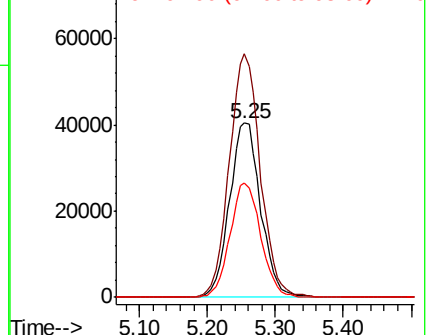
96 100

61 140.0 107.9 161.9

98 65.5 49.8 74.8



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: 54.302 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Tgt Ion: 45 Resp: 429478

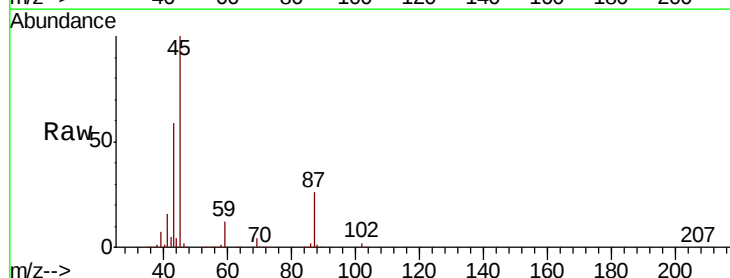
Ion Ratio Lower Upper

45 100

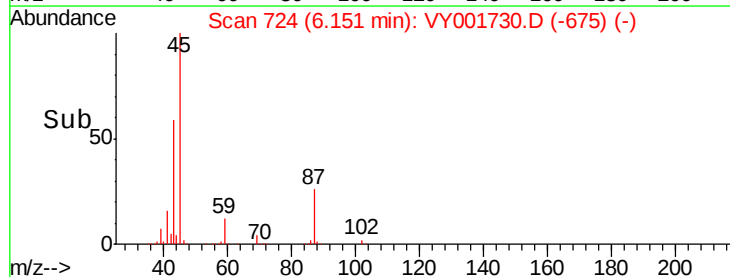
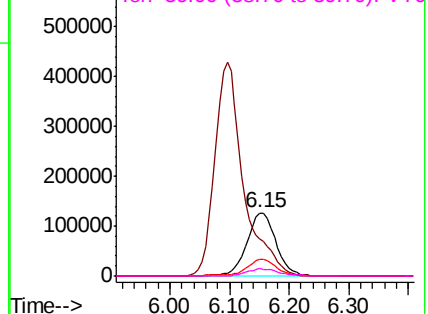
43 59.1 46.4 69.6

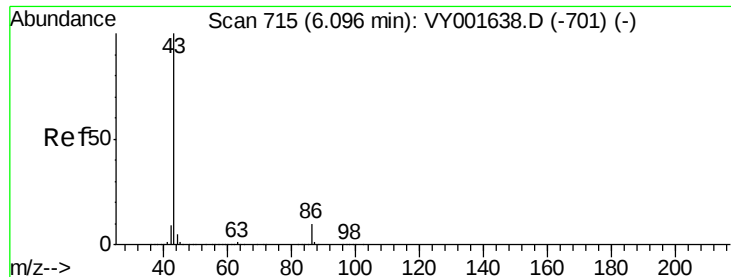
87 25.6 22.1 33.1

59 11.5 9.4 14.0



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: 277.267 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

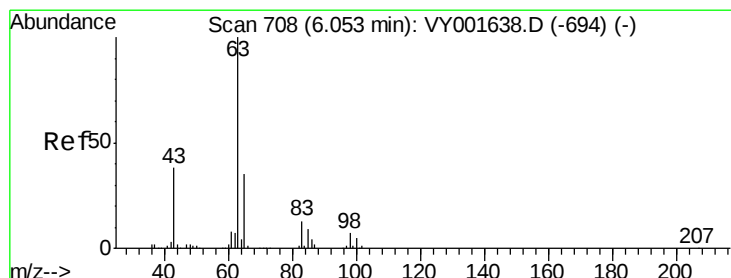
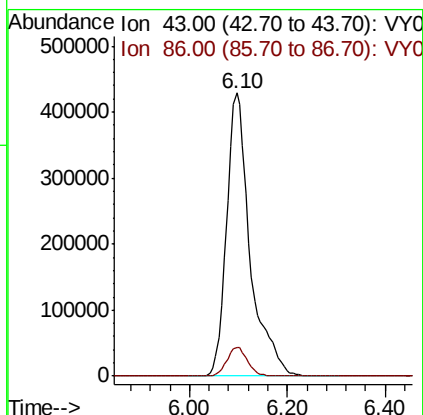
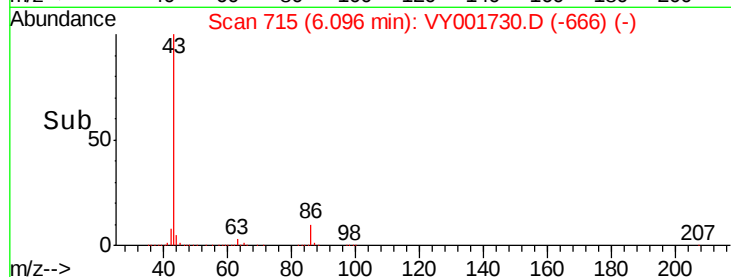
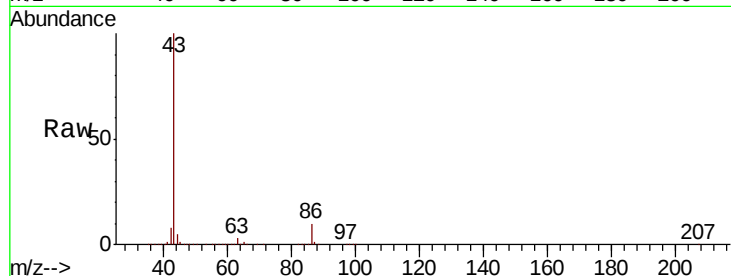
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1430436

Ion Ratio Lower Upper

43 100

86 10.2 8.8 13.2



#24

1,1-Dichloroethane

Concen: 53.872 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

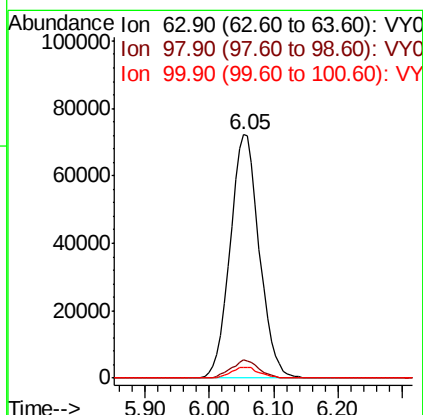
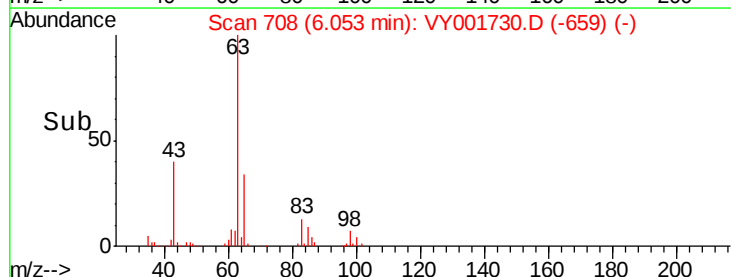
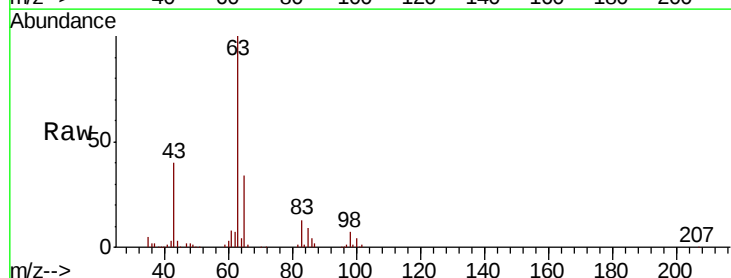
Tgt Ion: 63 Resp: 227731

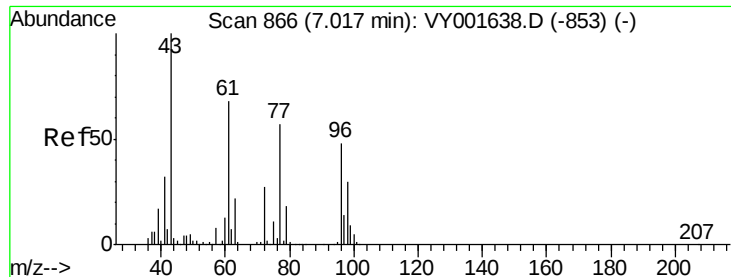
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 257.203 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

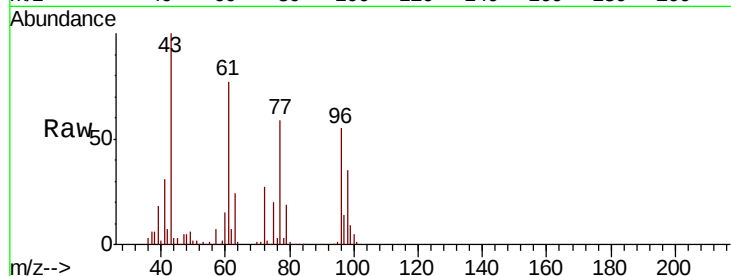
ClientSampled :

Tot Ion: 43 Resp: 259360

Ion Ratio Lower Upper

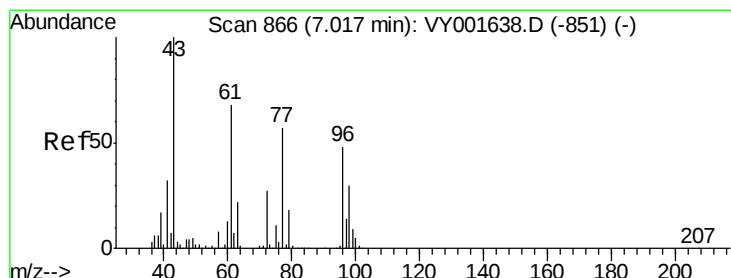
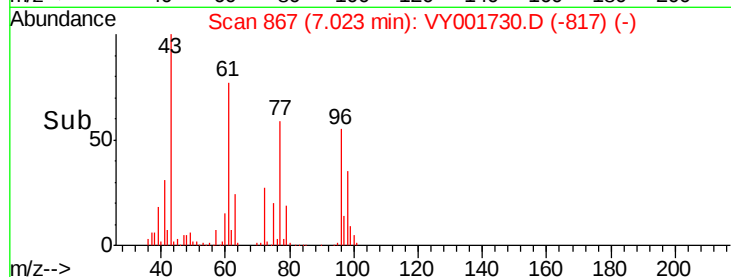
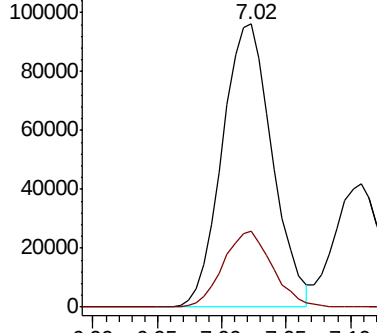
43 100

72 27.0 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 52.349 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001730.D

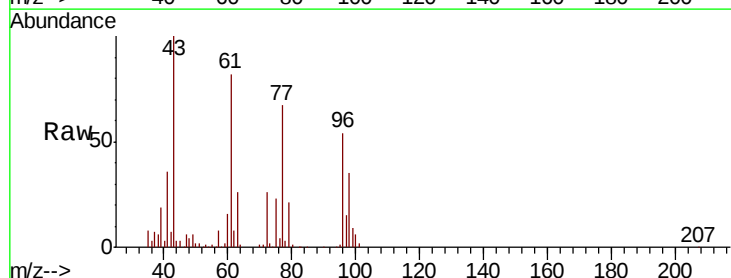
Acq: 20 Feb 2020 17:54

Tgt Ion: 77 Resp: 192529

Ion Ratio Lower Upper

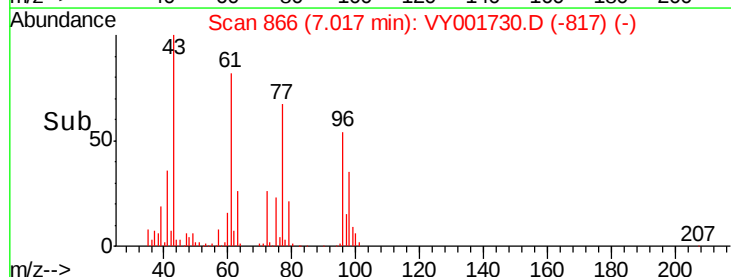
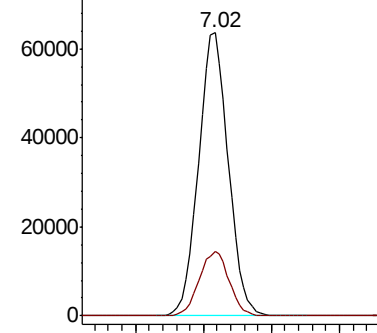
77 100

97 22.9 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



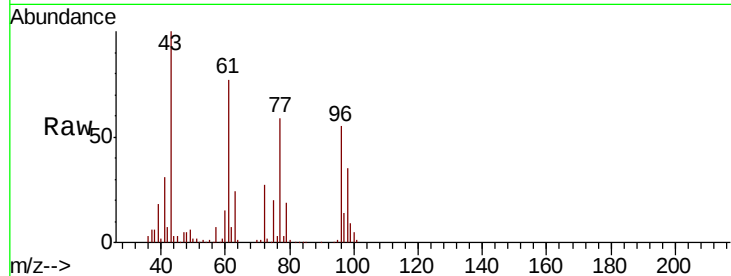


#27

cis-1,2-Dichloroethene
 Concen: 53.079 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	290.8
98	64.1	0.0	128.6

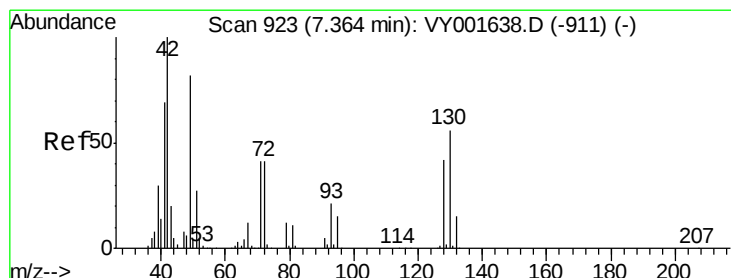
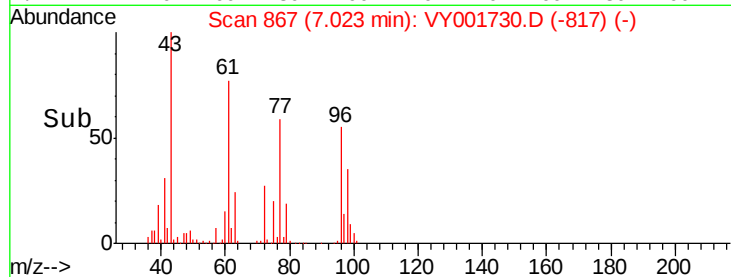
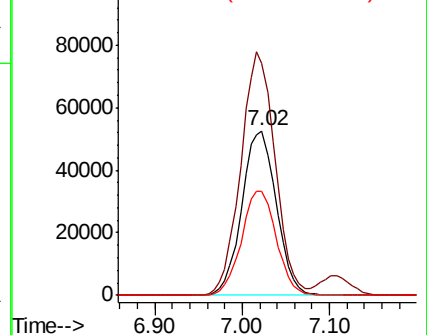


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

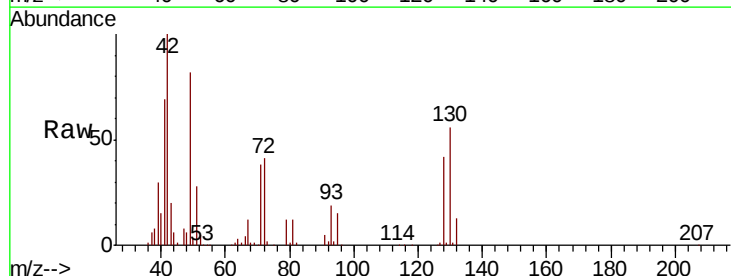
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 57.767 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	68.5	56.2	84.4

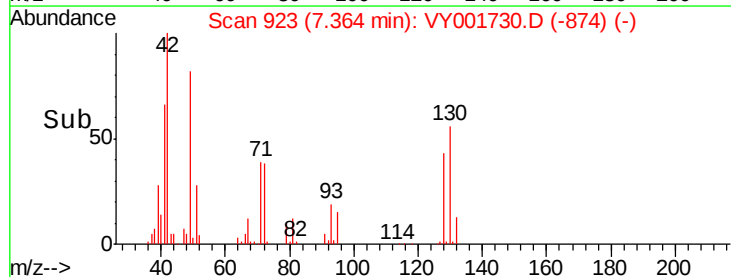
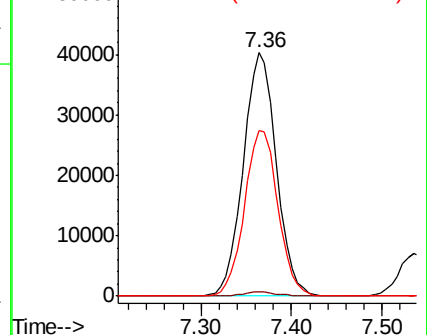


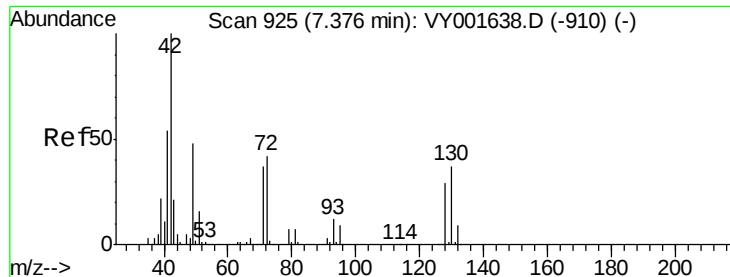
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

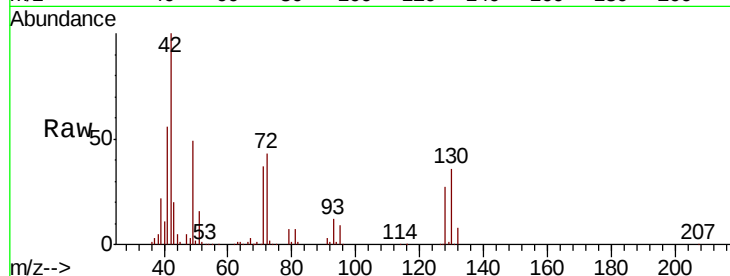




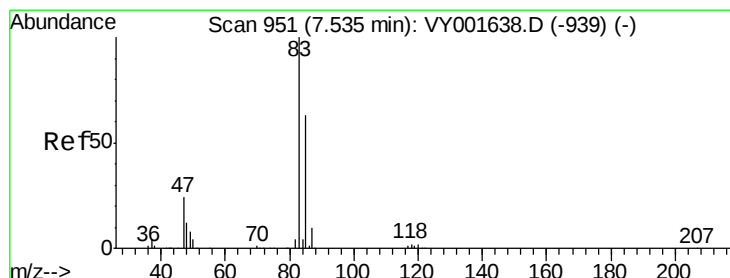
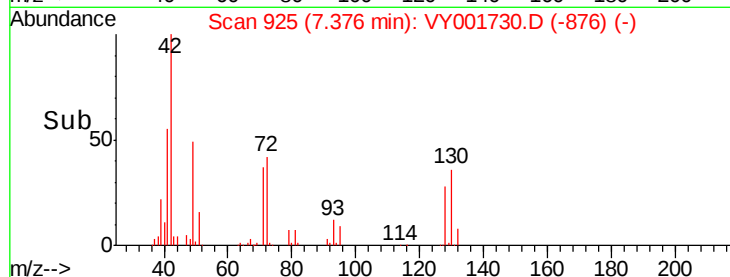
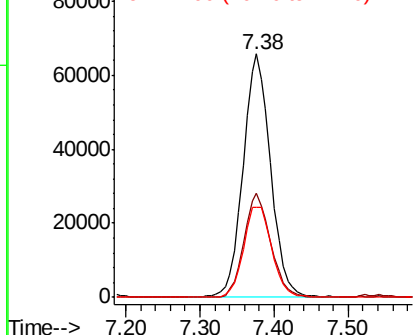
#29
Tetrahydrofuran
Concen: 279.340 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 170255
Ion Ratio Lower Upper
42 100
72 41.3 34.4 51.6
71 38.5 31.8 47.8

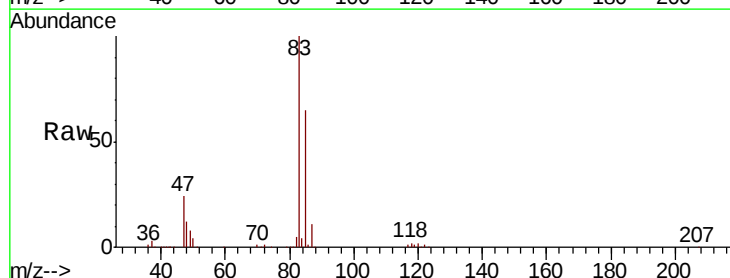


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

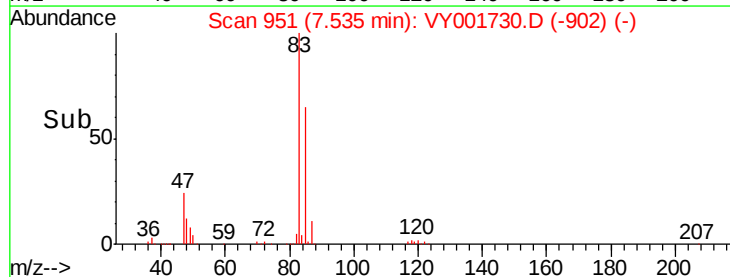
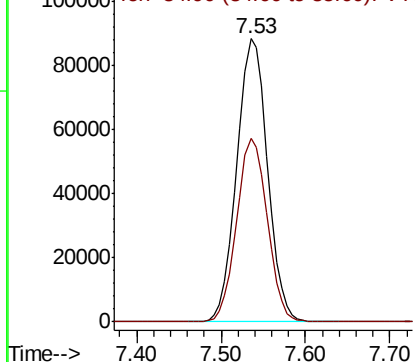


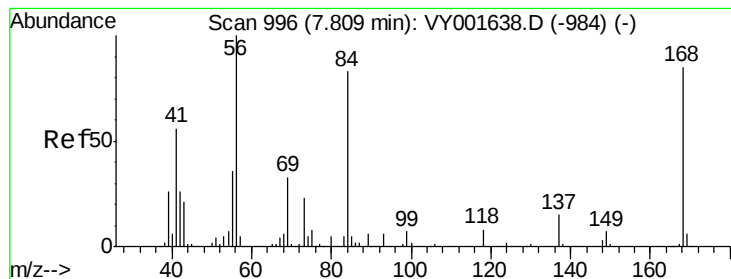
#30
Chloroform
Concen: 52.685 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 83 Resp: 217613
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4



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





#31

Cyclohexane

Concen: 51.376 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :
MSVOA_Y
ClientSampled :

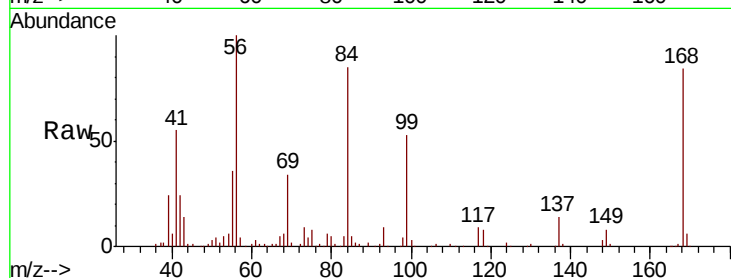
Tot Ion: 56 Resp: 231558

Ion Ratio Lower Upper

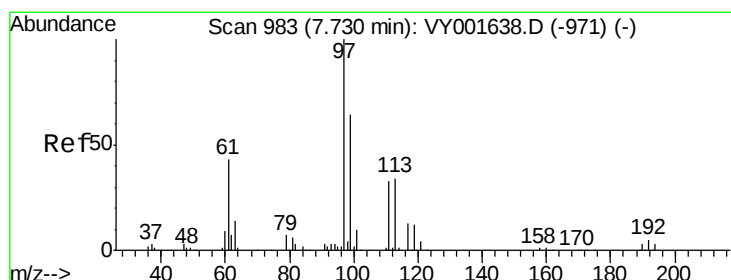
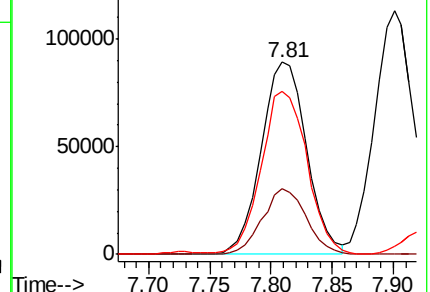
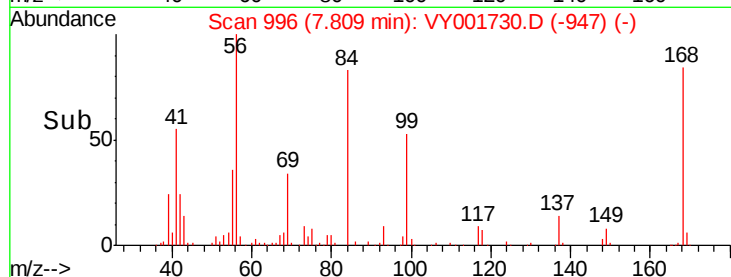
56 100

69 34.2 25.1 37.7

84 83.5 66.9 100.3



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: 53.523 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

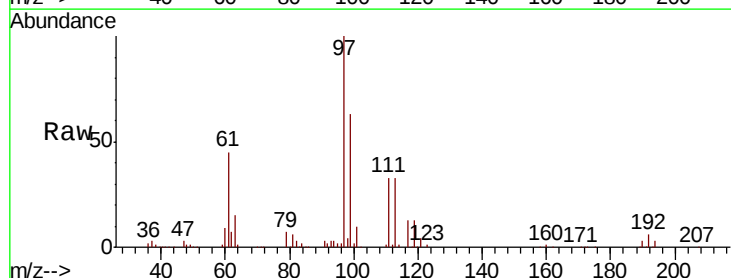
Tgt Ion: 97 Resp: 185807

Ion Ratio Lower Upper

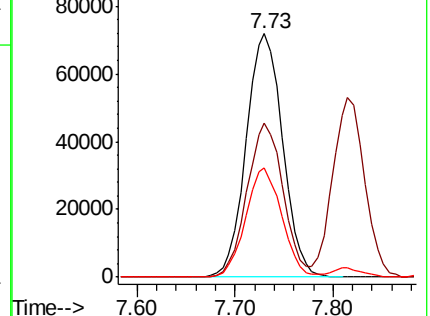
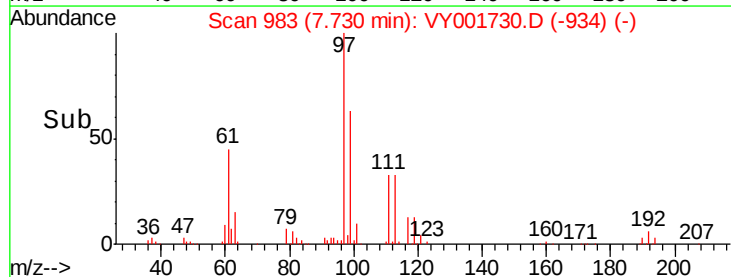
97 100

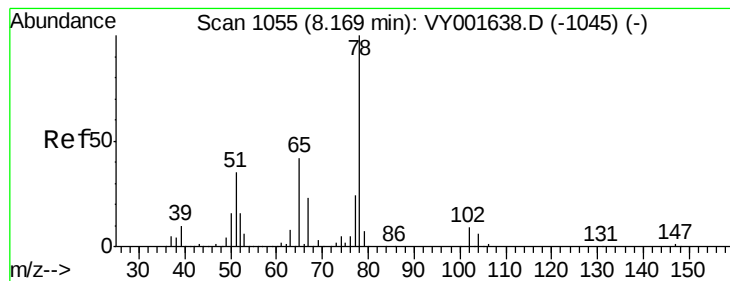
99 63.4 51.2 76.8

61 44.2 35.0 52.6



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: 50.217 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

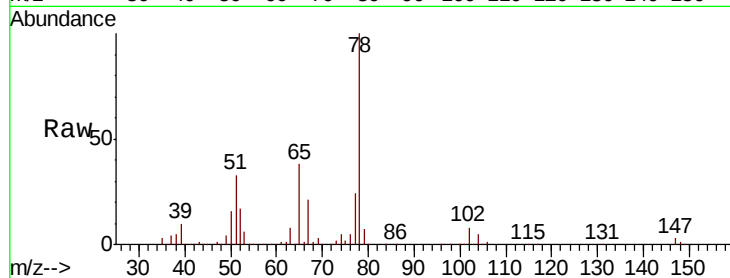
ClientSampled :

Tot Ion: 65 Resp: 107730

Ion Ratio Lower Upper

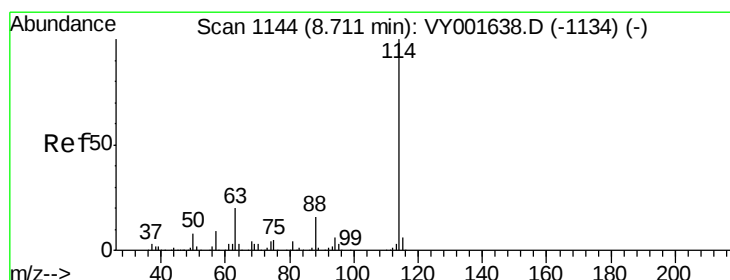
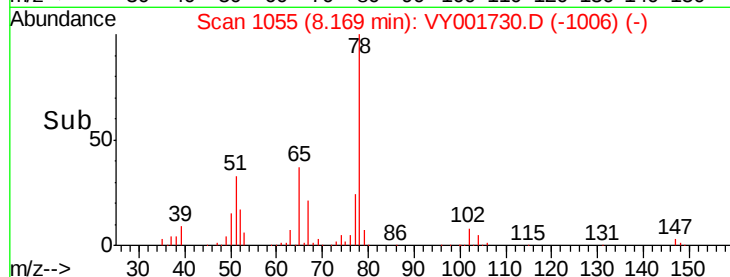
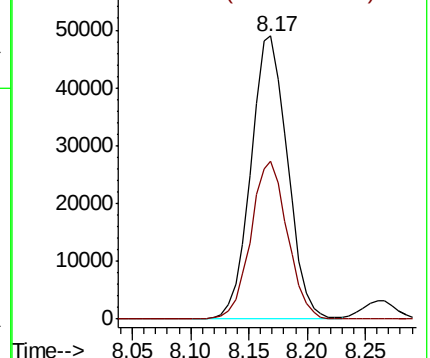
65 100

67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

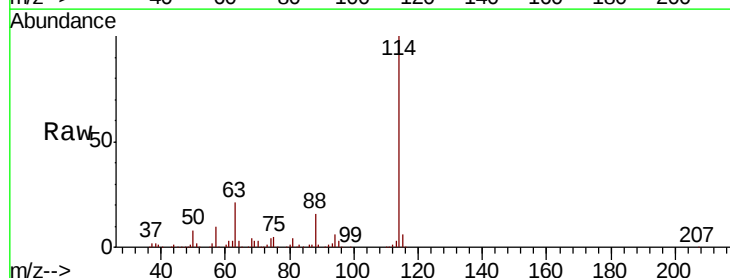
Tgt Ion: 114 Resp: 362854

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

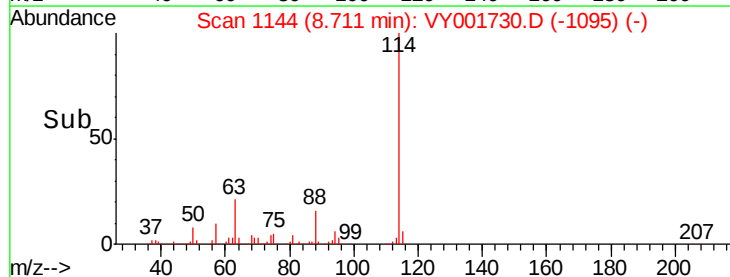
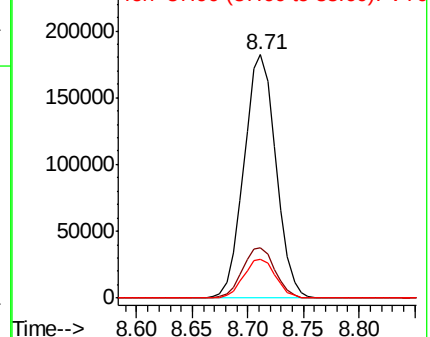
88 16.0 0.0 32.8

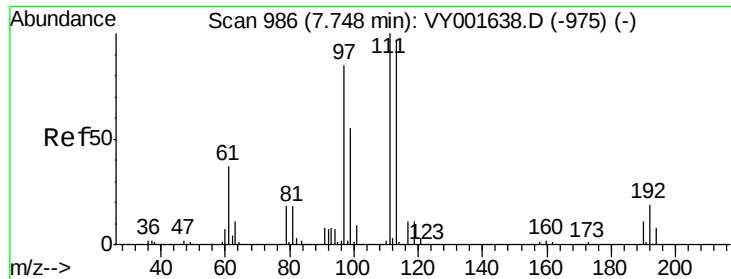


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

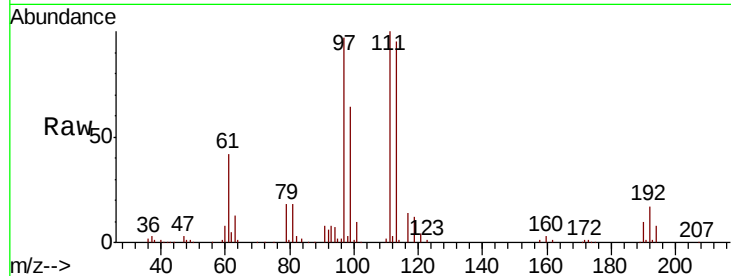




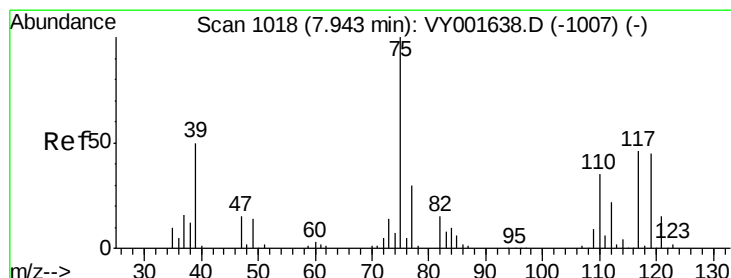
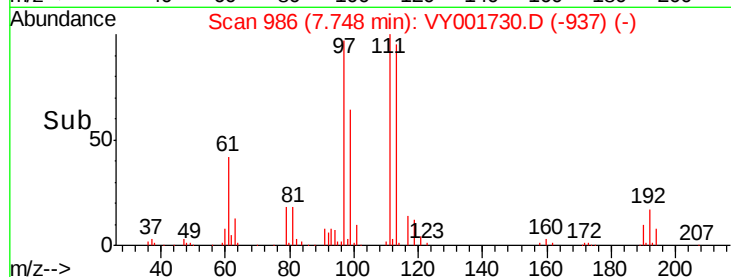
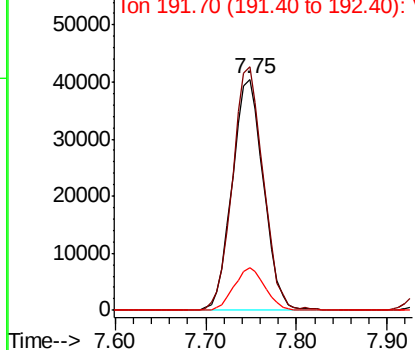
#35
 Dibromofluoromethane
 Concen: 46.558 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 96761
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 18.1 14.3 21.5

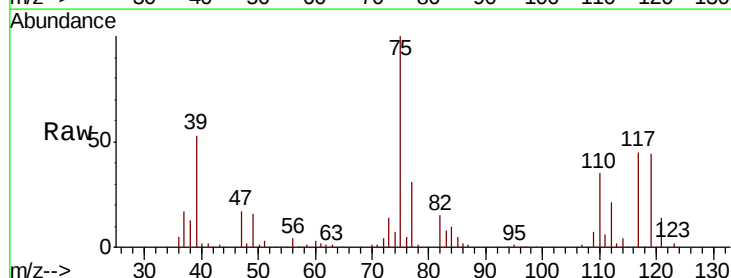


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

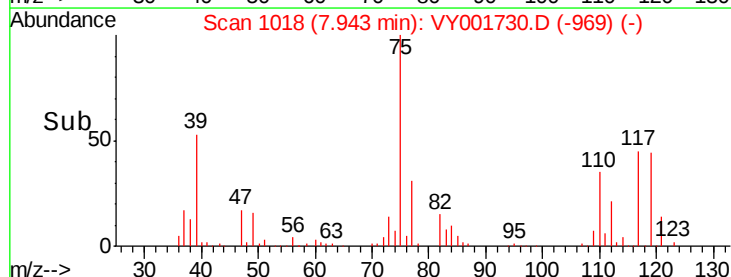
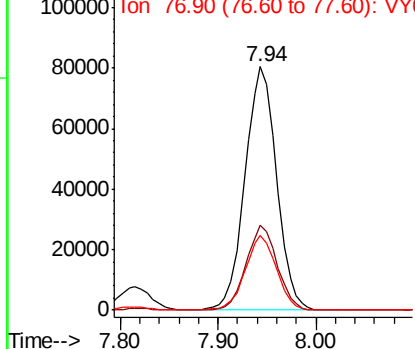


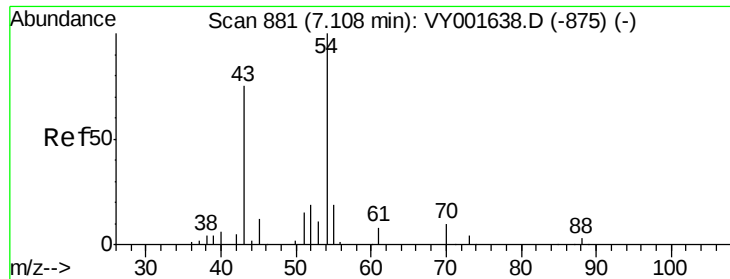
#36
 1,1-Dichloropropene
 Concen: 51.940 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 75 Resp: 180023
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.2 51.6
 77 30.5 24.8 37.2



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

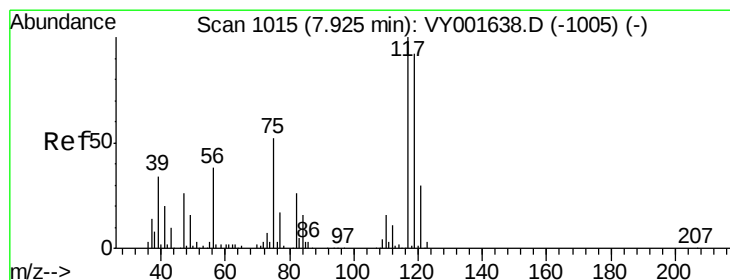
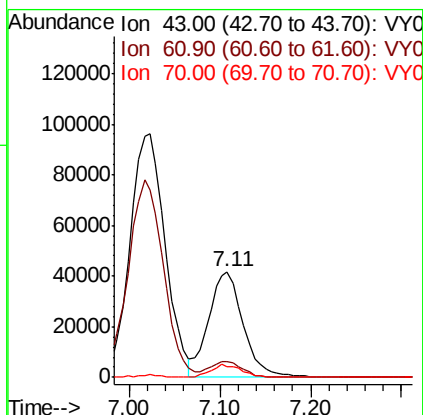
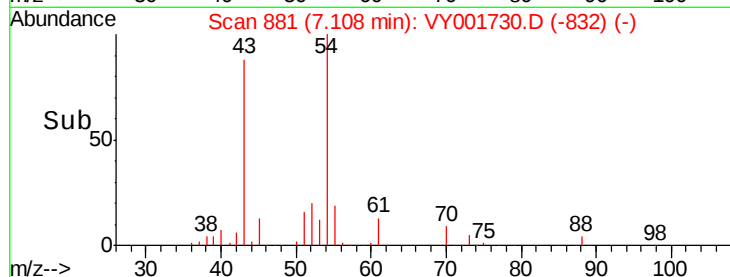
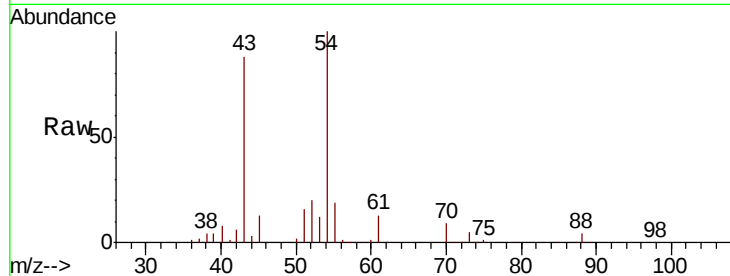




#37
Ethyl Acetate
Concen: 53.716 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

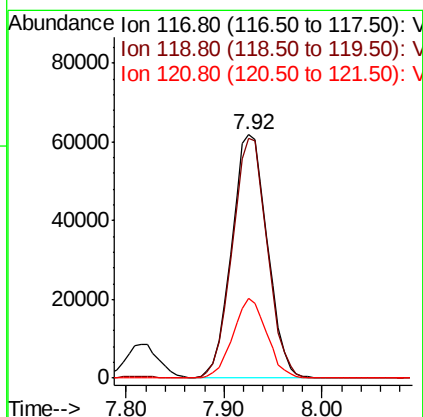
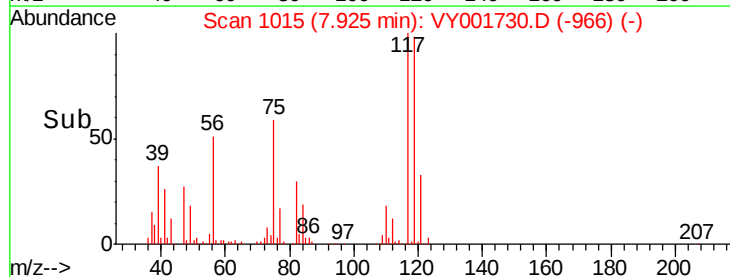
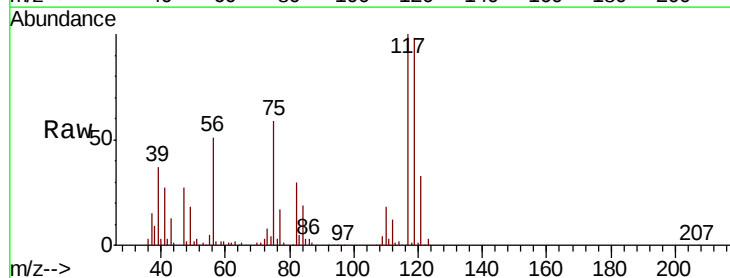
Instrument :
MSVOA_Y
ClientSampled :

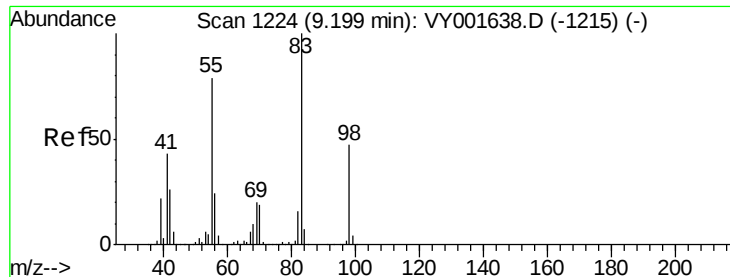
Tot Ion: 43 Resp: 111120
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.401 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 117 Resp: 156482
Ion Ratio Lower Upper
117 100
119 98.3 74.8 112.2
121 32.6 23.8 35.6

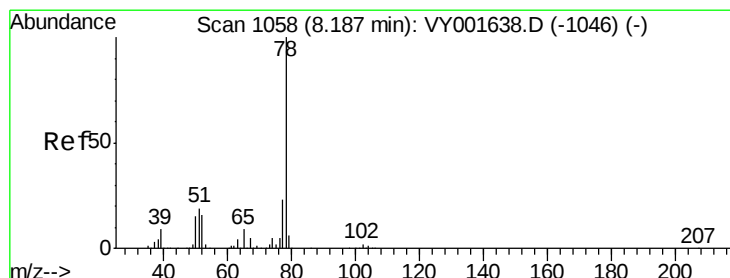
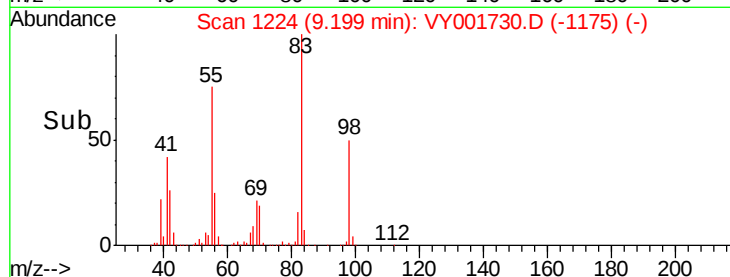
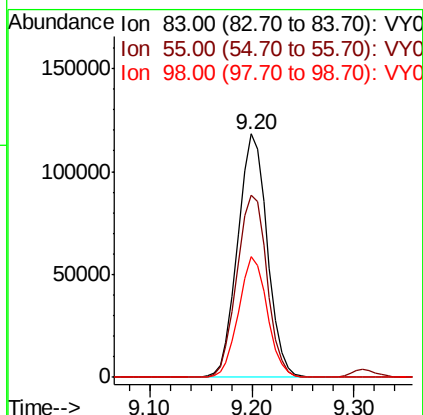
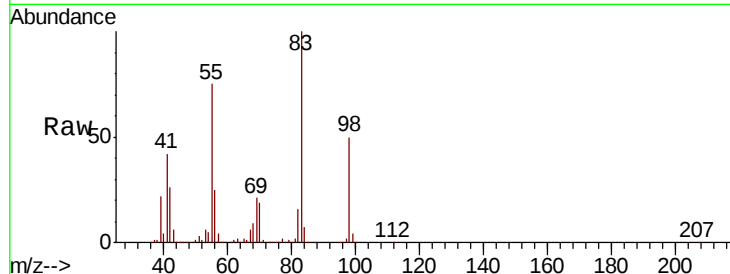




#39
Methvlcvclohexane
Concen: 51.687 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

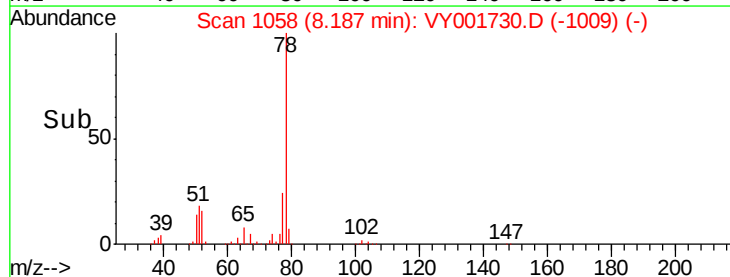
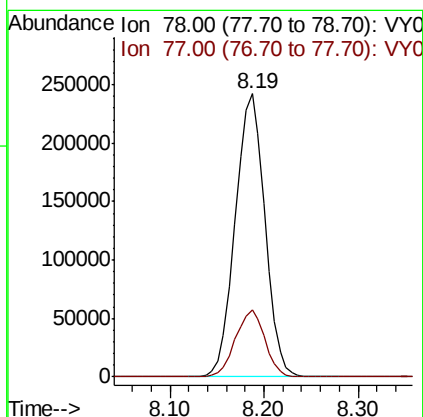
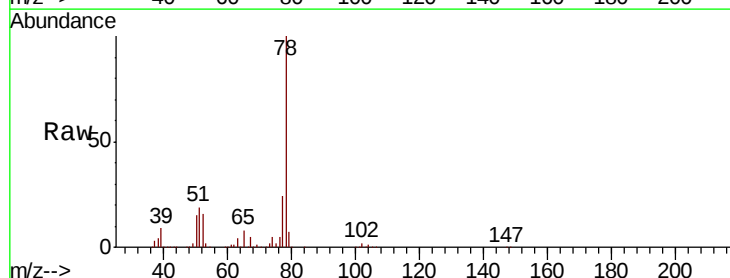
Instrument :
MSVOA_Y
ClientSampleId :

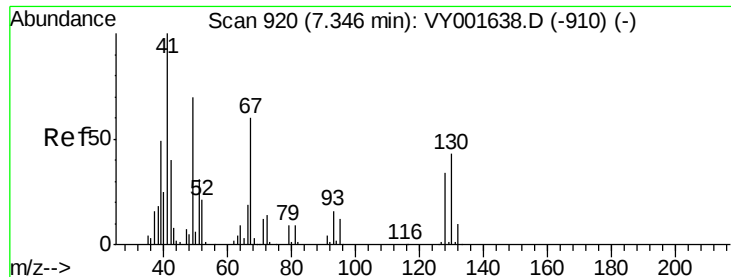
Tot Ion: 83 Resp: 237664
Ion Ratio Lower Upper
83 100
55 75.0 61.3 91.9
98 49.8 38.0 57.0



#40
Benzene
Concen: 52.104 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 78 Resp: 531128
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.4

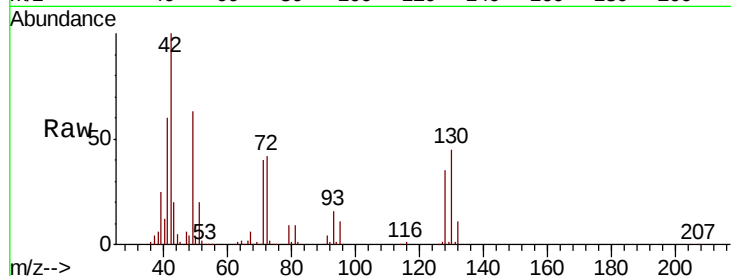




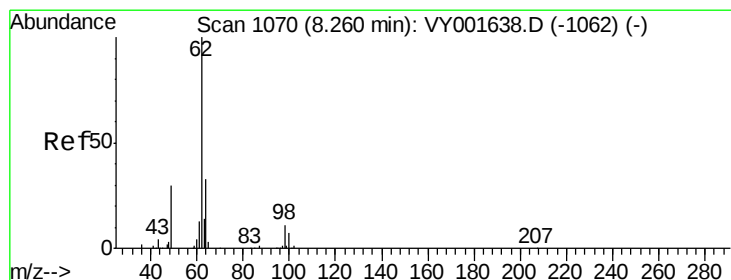
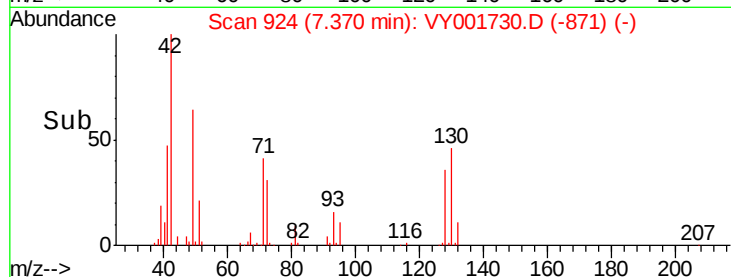
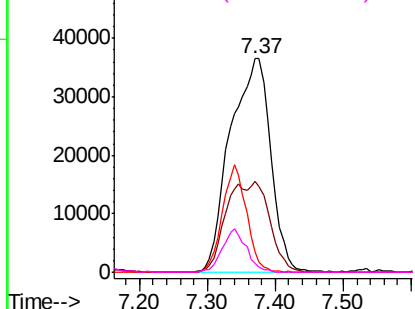
#41
Methacrylonitrile
Concen: 145.345 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 150969
Ion Ratio Lower Upper
41 100
39 0.0 36.0 54.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

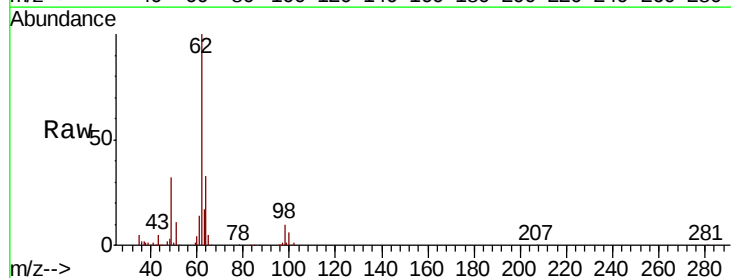


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

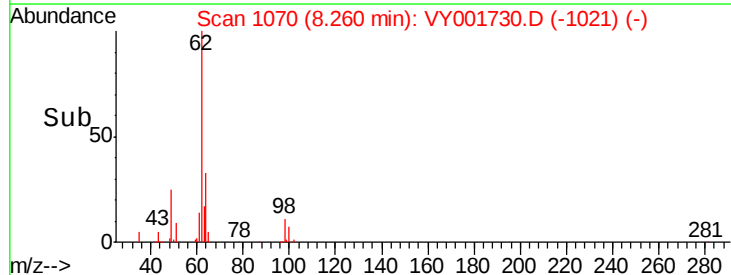
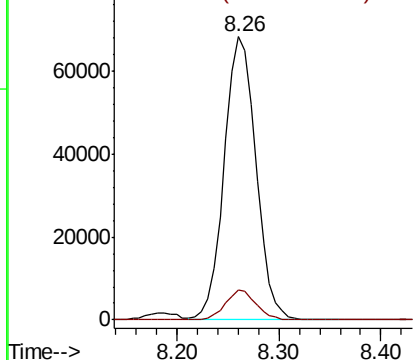


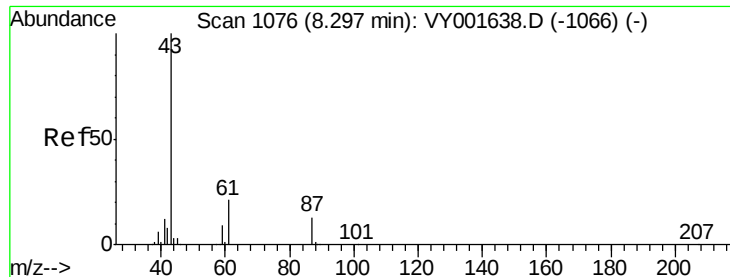
#42
1,2-Dichloroethane
Concen: 53.044 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 62 Resp: 147306
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.623 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampled :

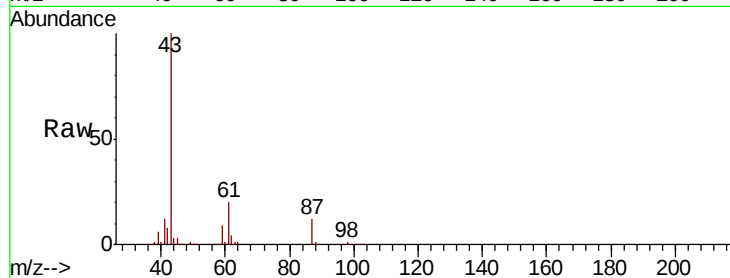
Tot Ion: 43 Resp: 214397

Ion Ratio Lower Upper

43 100

61 28.7 23.0 34.4

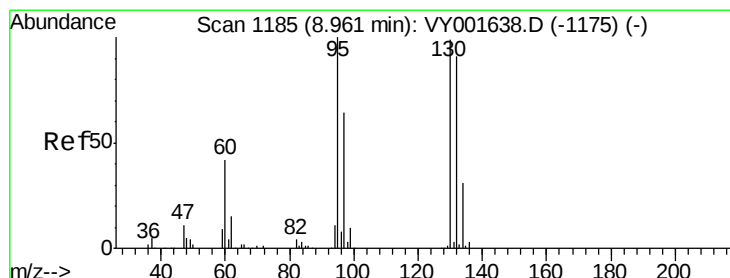
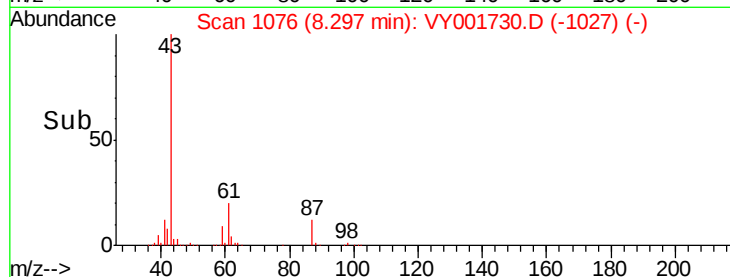
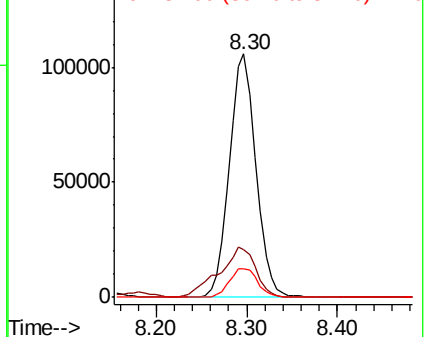
87 12.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001730.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001730.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001730.D (-1066) (-)



#44

Trichloroethene

Concen: 51.258 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001730.D

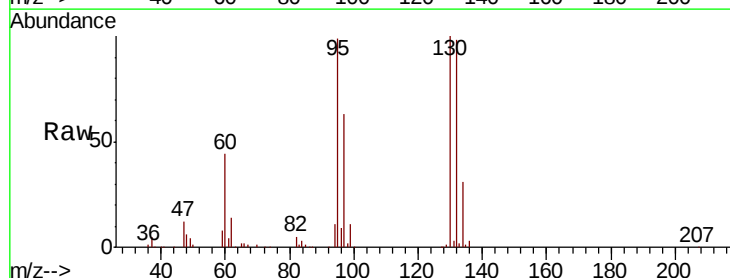
Acq: 20 Feb 2020 17:54

Tgt Ion:130 Resp: 130432

Ion Ratio Lower Upper

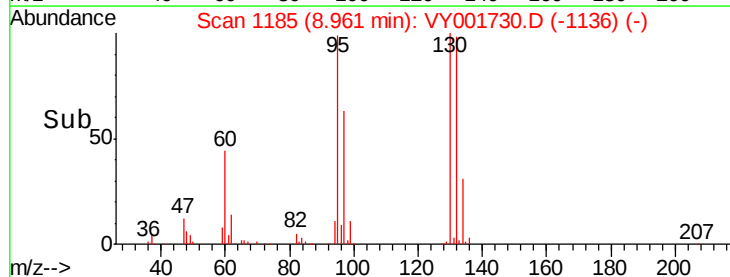
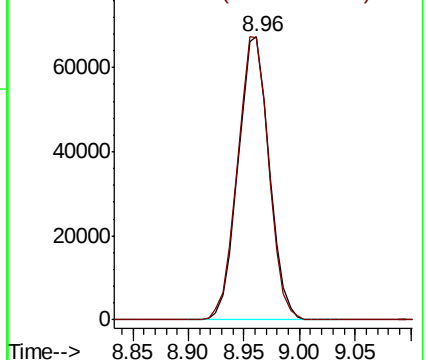
130 100

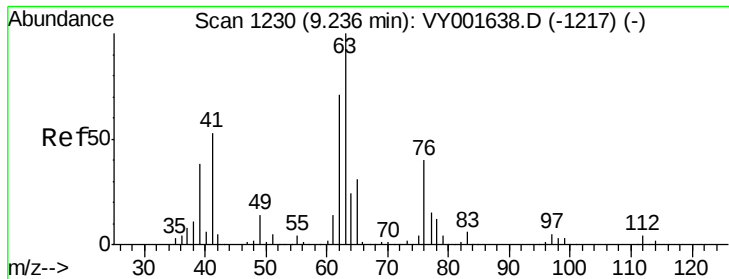
95 99.5 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001730.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001730.D (-1136) (-)

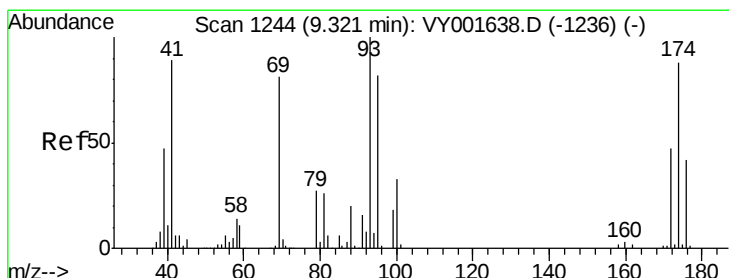
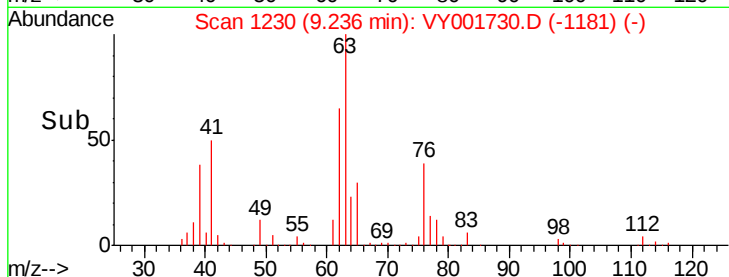
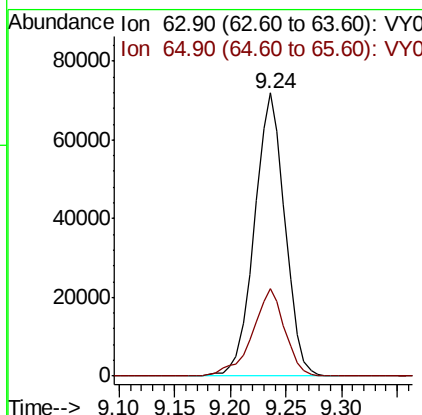
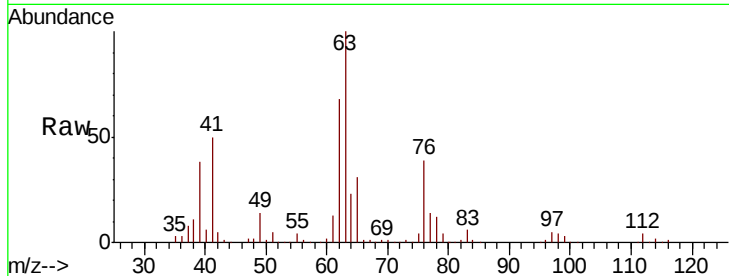




#45
 1,2-Dichloropropane
 Concen: 53.595 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

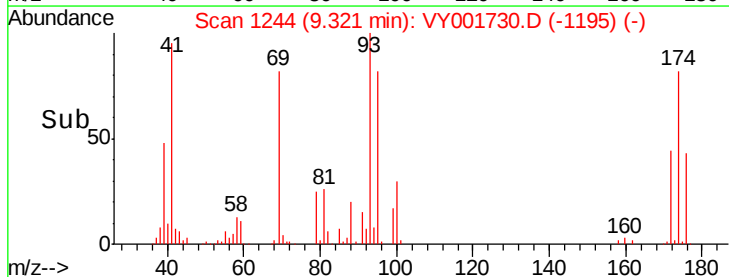
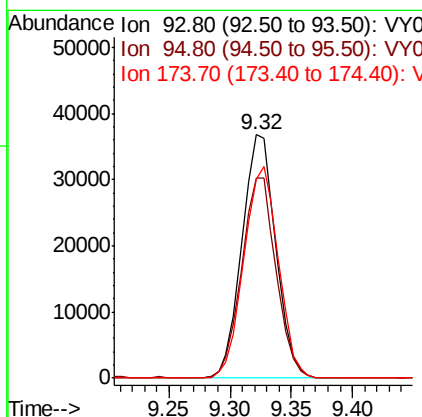
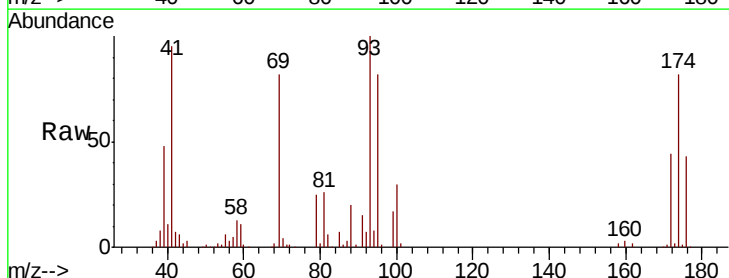
Instrument :
 MSVOA_Y
 ClientSampled :

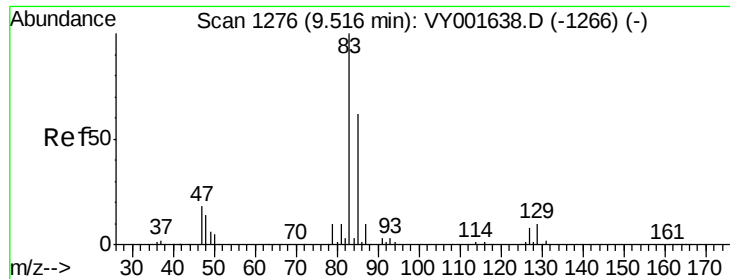
Tot Ion: 63 Resp: 136821
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 53.054 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 93 Resp: 70840
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.1 99.1
 174 88.5 72.5 108.7

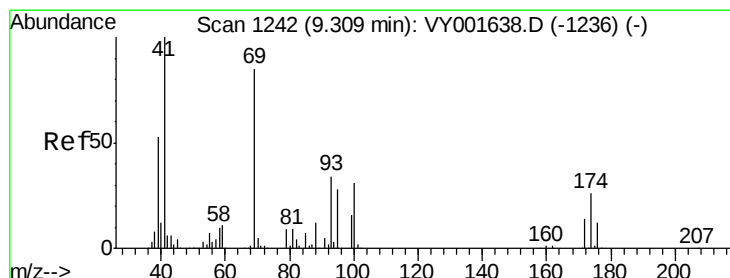
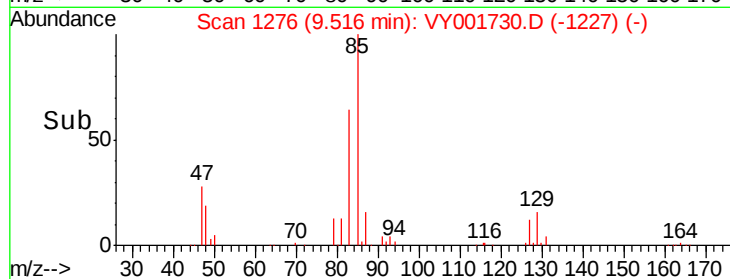
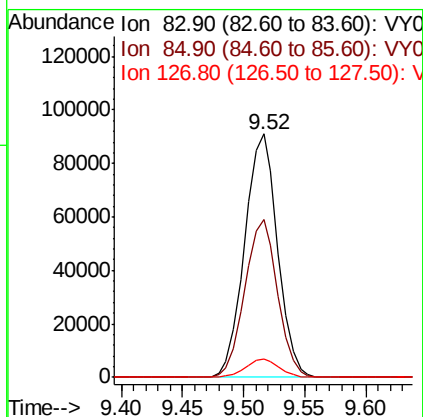
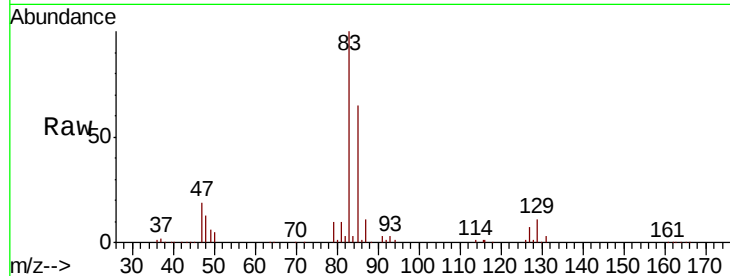




#47
Bromodichloromethane
Concen: 52.704 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

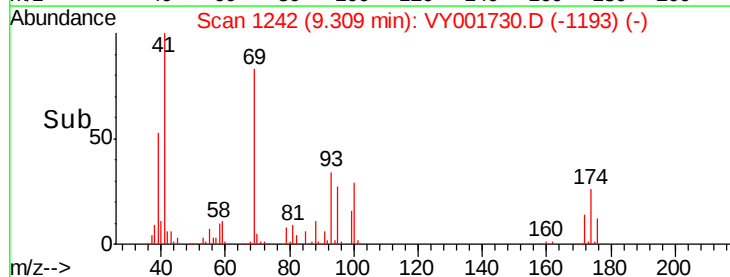
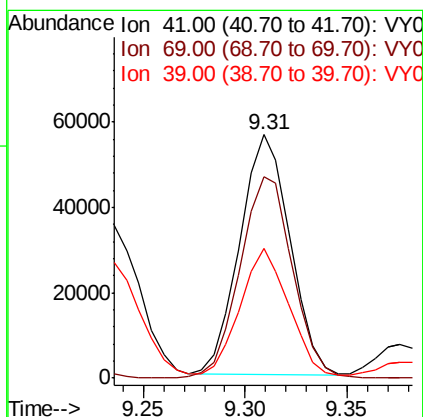
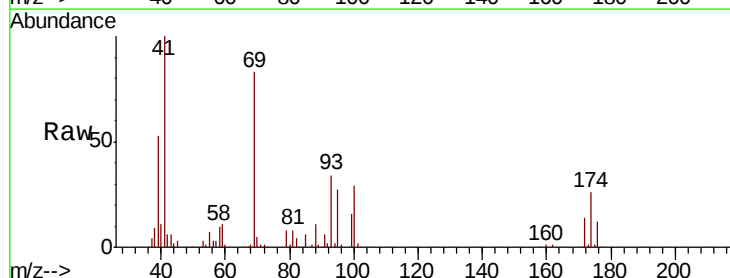
Instrument :
MSVOA_Y
ClientSampleId :

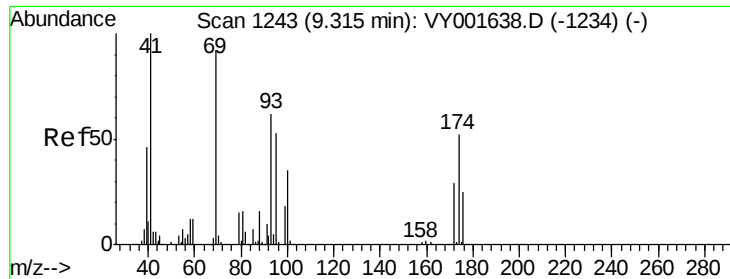
Tot Ion: 83 Resp: 169845
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.0
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 54.232 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 41 Resp: 96268
Ion Ratio Lower Upper
41 100
69 87.9 70.7 106.1
39 50.8 42.2 63.2

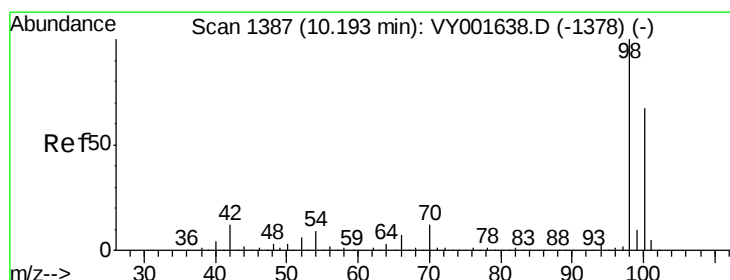
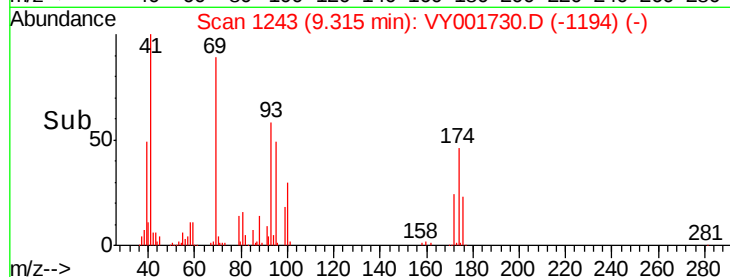
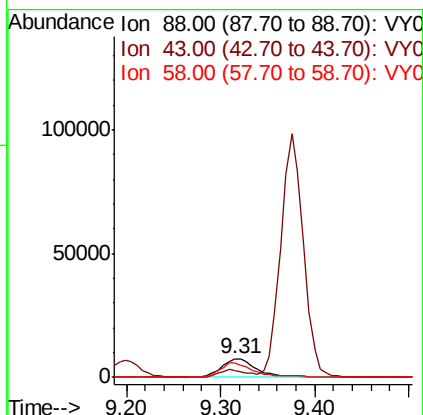
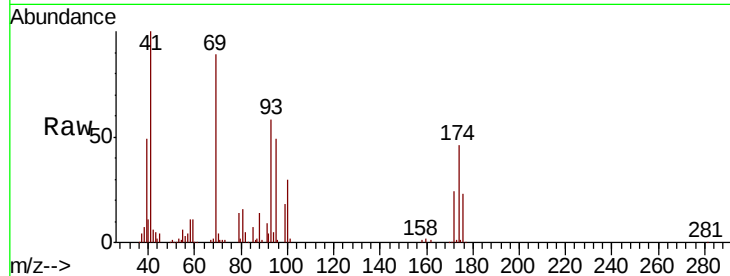




#49
1,4-Dioxane
Concen: 1046.129 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

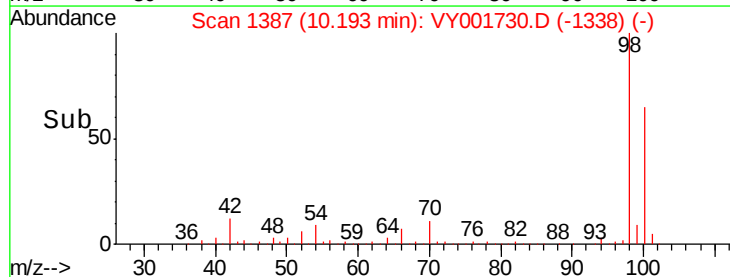
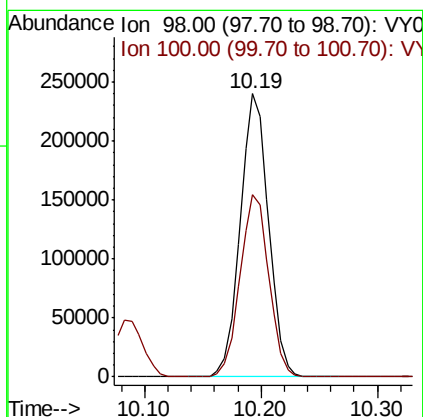
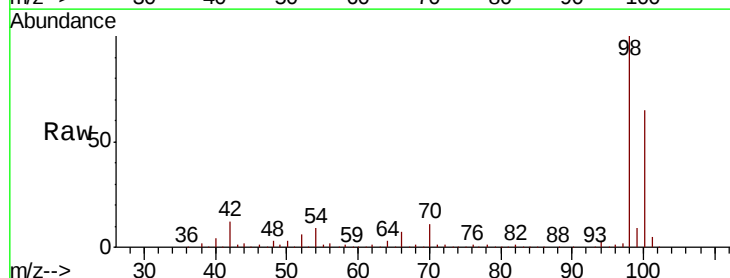
Instrument :
MSVOA_Y
ClientSampled :

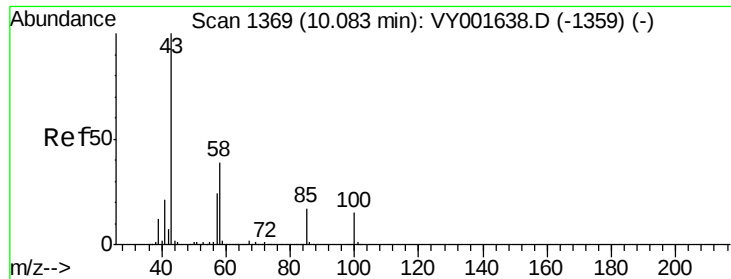
Tot Ion: 88 Resp: 19729
Ion Ratio Lower Upper
88 100
43 32.6 23.1 34.7
58 75.7 58.1 87.1



#50
Toluene-d8
Concen: 49.848 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 98 Resp: 405862
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 273.732 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

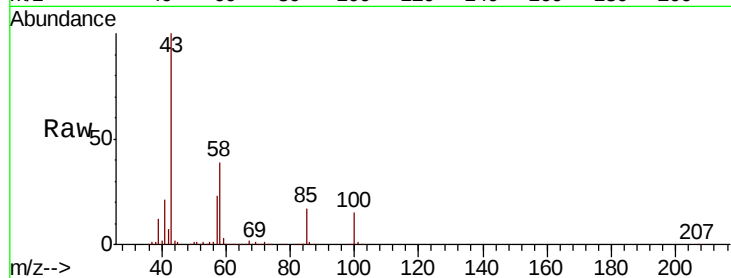
ClientSampled :

Tot Ion: 43 Resp: 552016

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

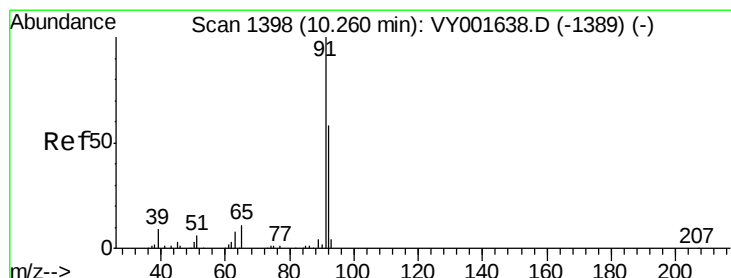
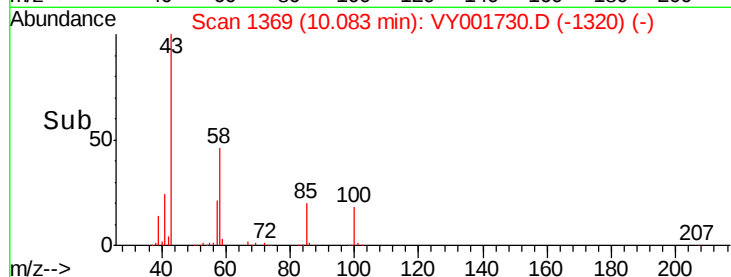
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.049 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001730.D

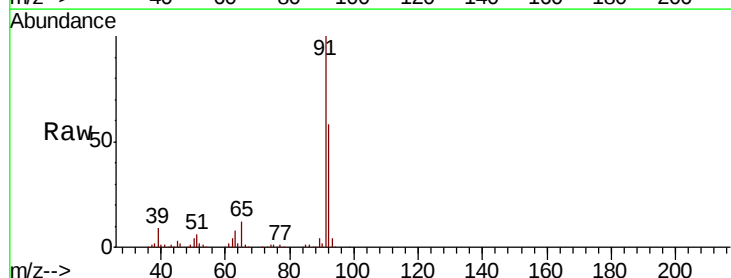
Acq: 20 Feb 2020 17:54

Tgt Ion: 92 Resp: 330954

Ion Ratio Lower Upper

92 100

91 172.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.26

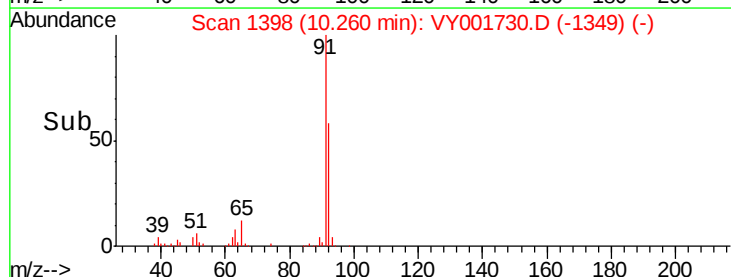
300000

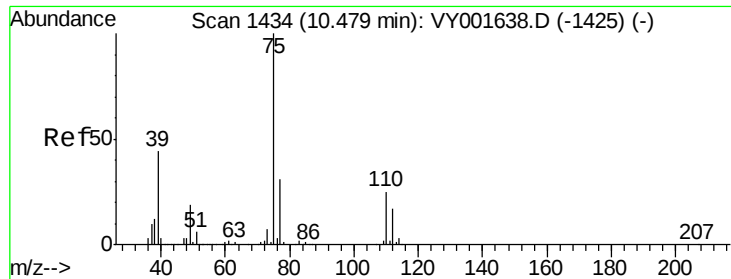
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.182 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

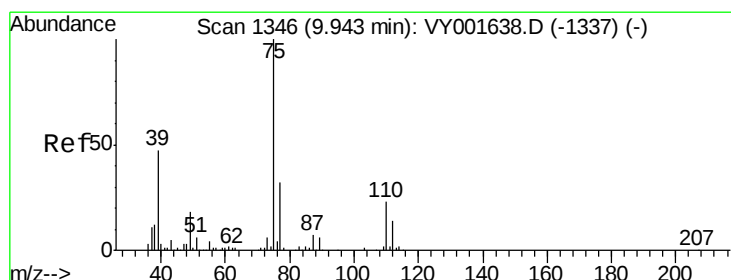
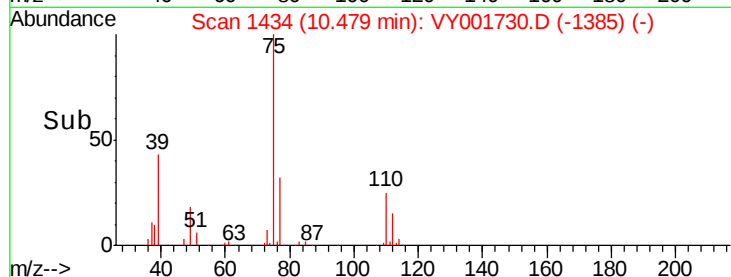
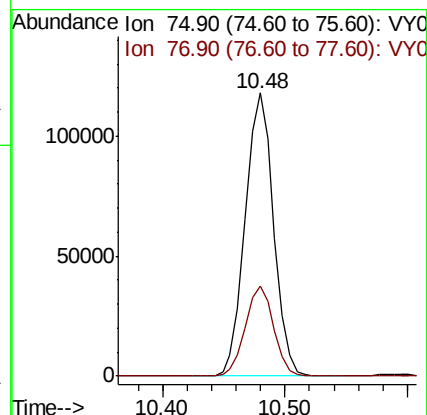
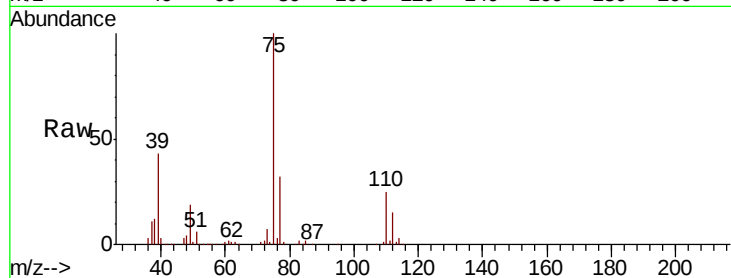
ClientSampled :

Tot Ion: 75 Resp: 189467

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.676 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

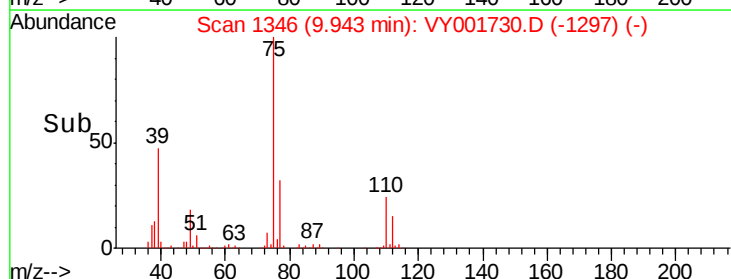
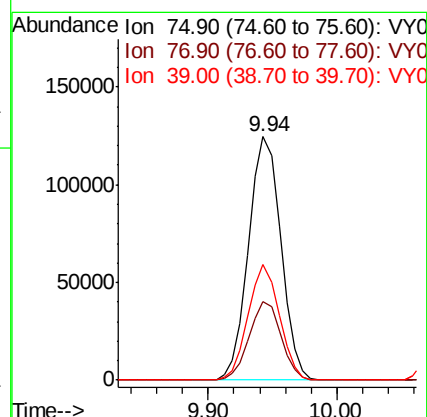
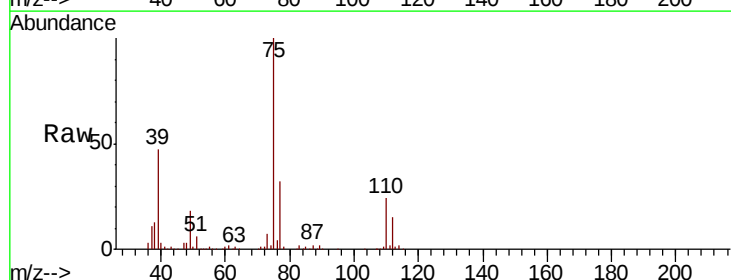
Tgt Ion: 75 Resp: 215988

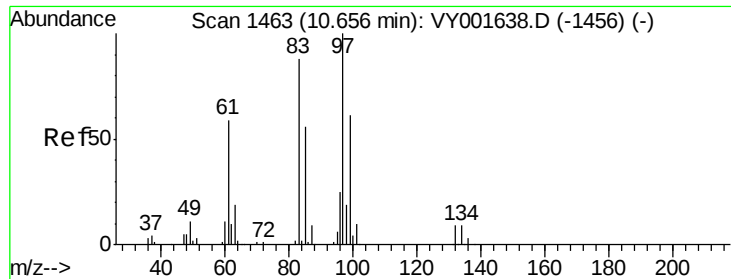
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 47.2 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 52.942 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 104237

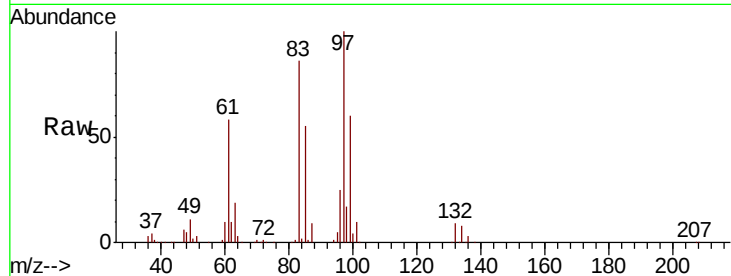
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.7	104.5
85	55.2	44.5	66.7
99	60.3	49.6	74.4

97 100

83 86.1 69.7 104.5

85 55.2 44.5 66.7

99 60.3 49.6 74.4



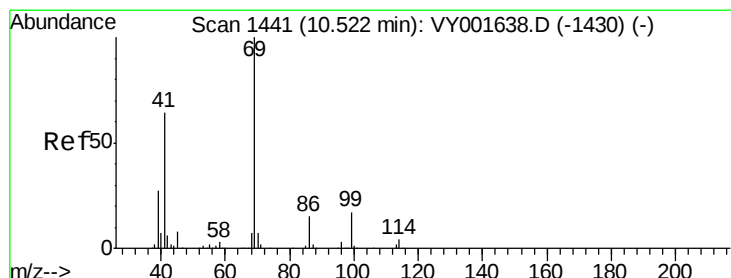
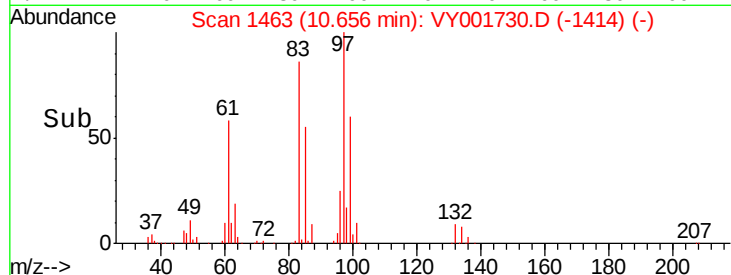
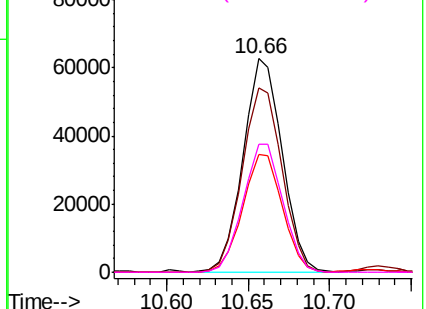
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.882 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

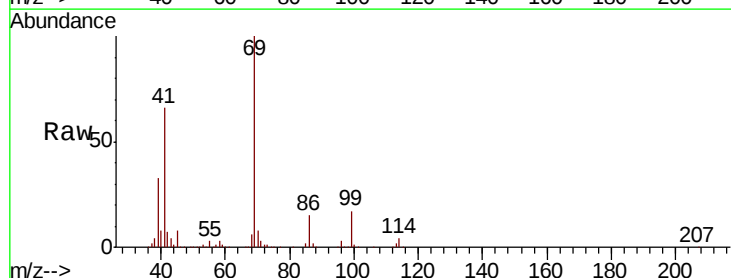
Tgt Ion: 69 Resp: 162103

Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.0	76.4
39	30.3	24.7	37.1

69 100

41 65.6 51.0 76.4

39 30.3 24.7 37.1

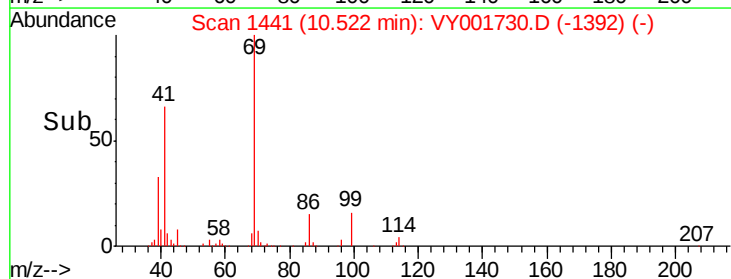
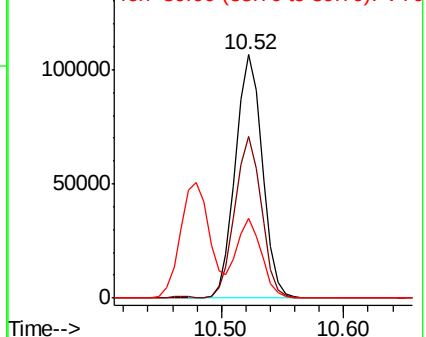


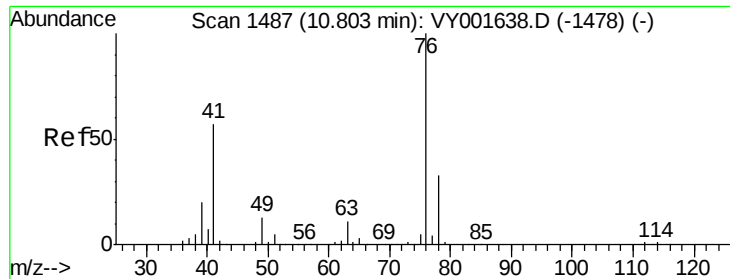
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 53.259 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

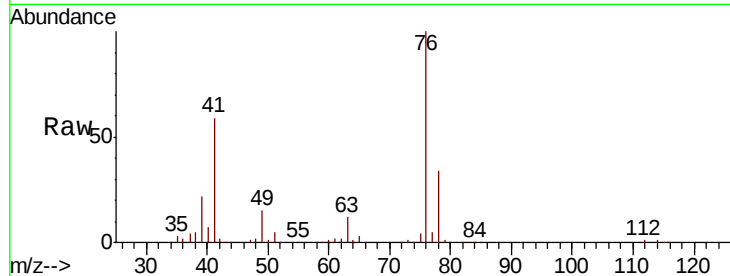
ClientSampleId :

Tot Ion: 76 Resp: 186318

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

120000

100000

80000

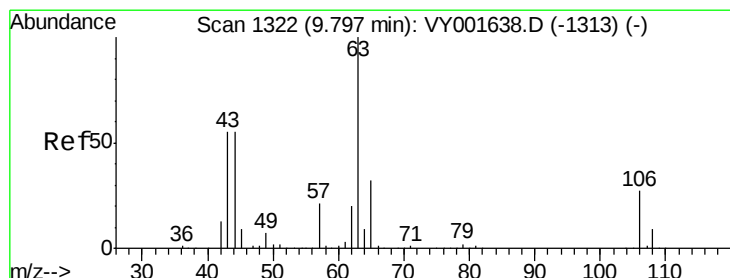
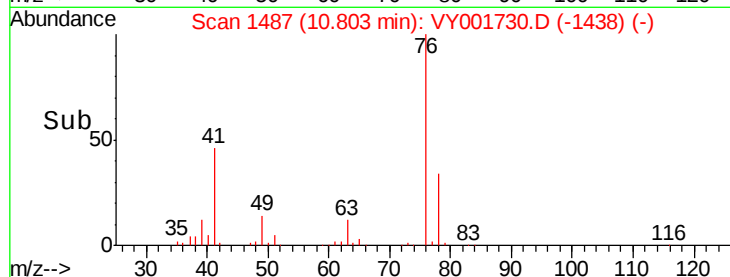
60000

40000

20000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 263.785 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001730.D

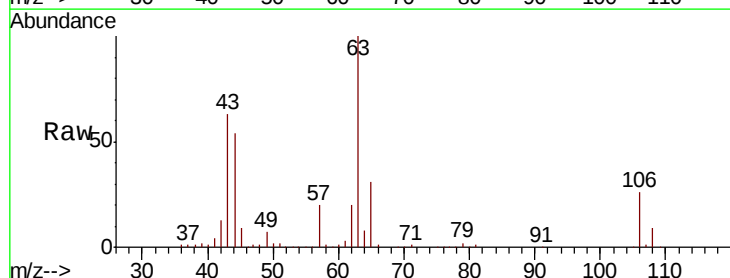
Acq: 20 Feb 2020 17:54

Tgt Ion: 63 Resp: 291843

Ion Ratio Lower Upper

63 100

106 26.6 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

200000

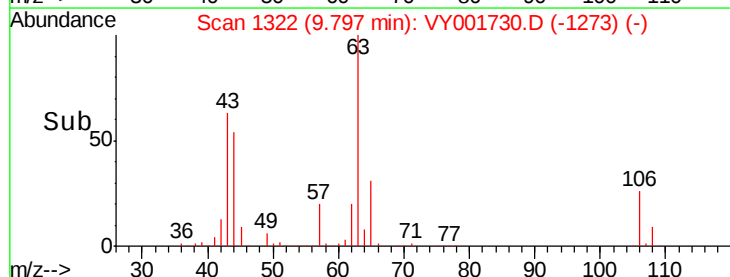
150000

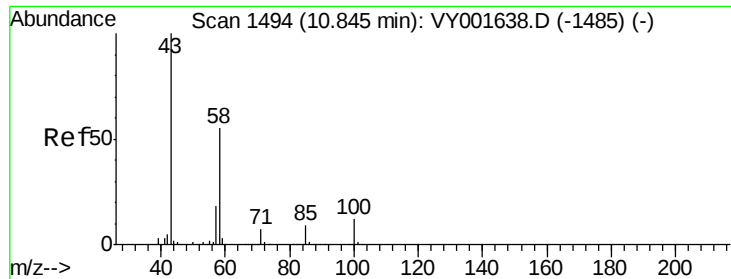
100000

50000

0

Time--> 9.70 9.75 9.80 9.85 9.90

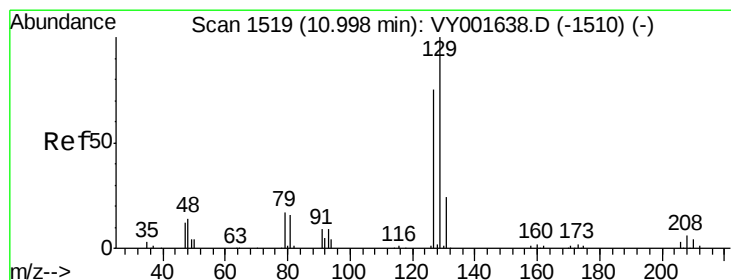
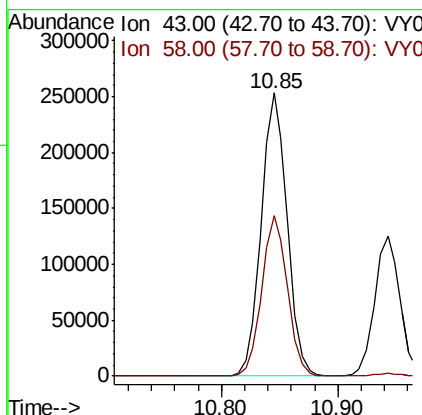
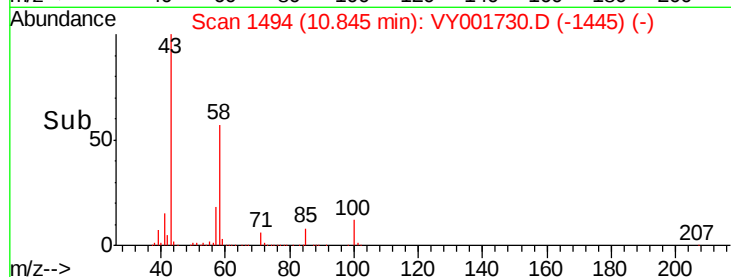
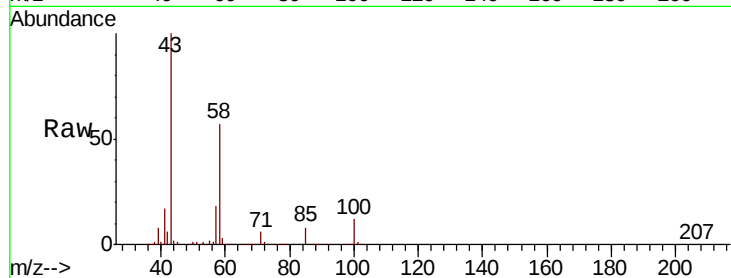




#59
2-Hexanone
Concen: 259.555 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

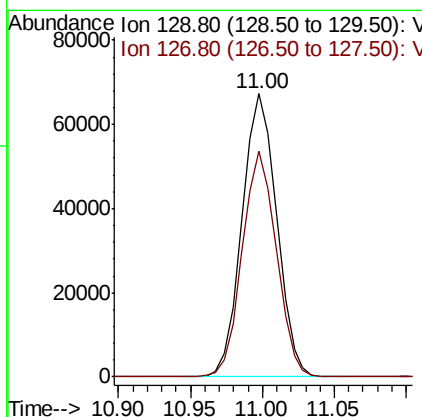
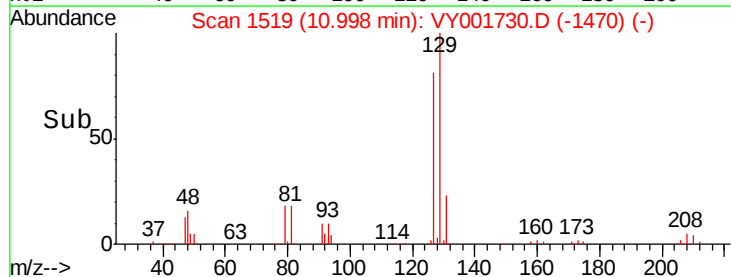
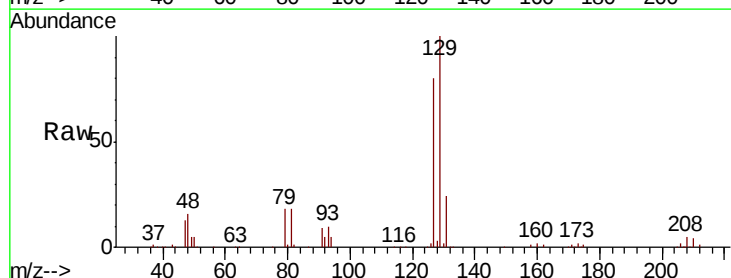
Instrument :
MSVOA_Y
ClientSampled :

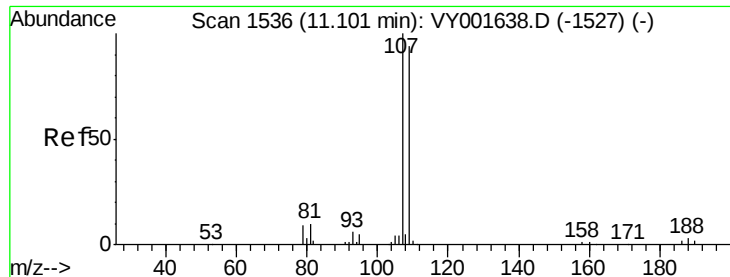
Tot Ion: 43 Resp: 392734
Ion Ratio Lower Upper
43 100
58 56.0 28.4 85.2



#60
Dibromochloromethane
Concen: 51.708 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 129 Resp: 112242
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

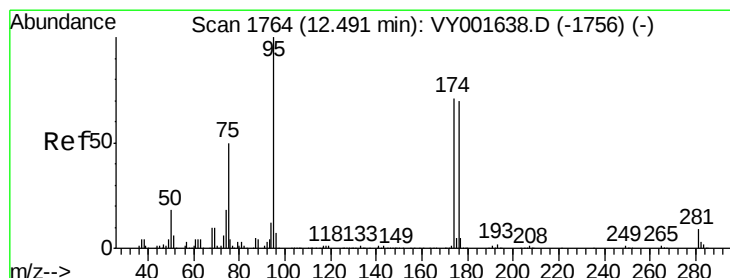
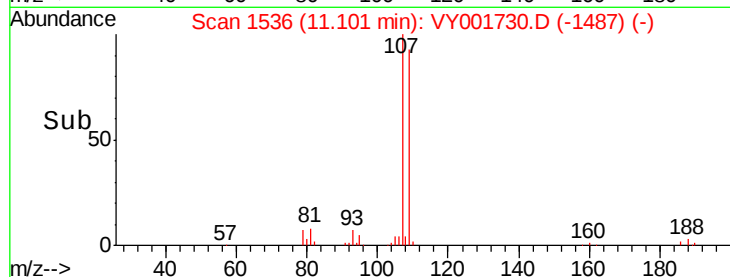
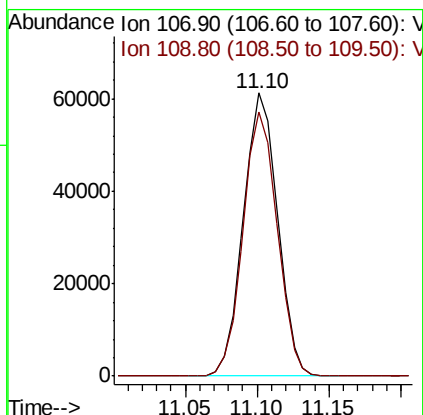
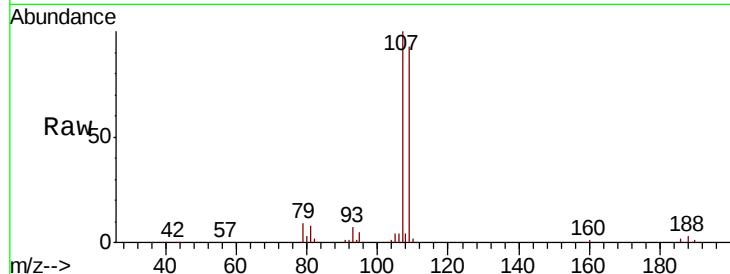




#61
 1,2-Dibromoethane
 Concen: 54.195 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

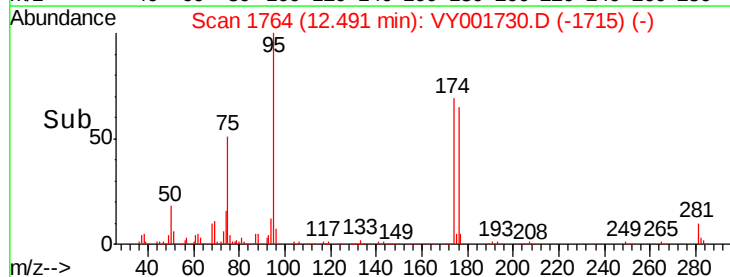
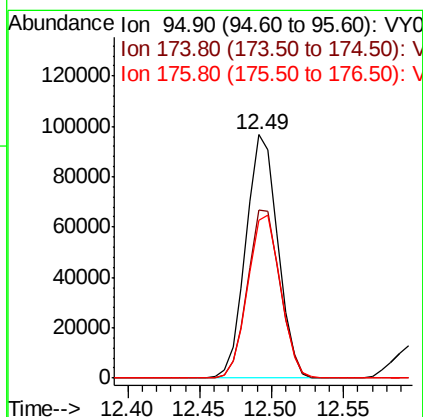
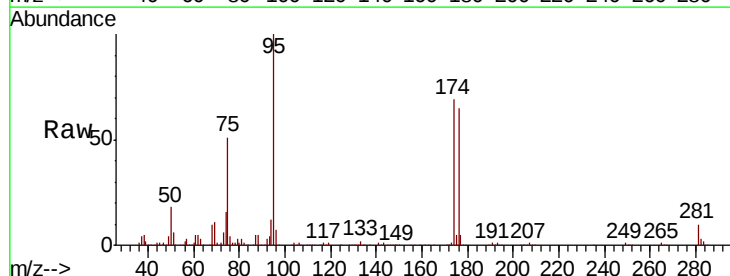
Instrument :
 MSVOA_Y
 ClientSampleId :

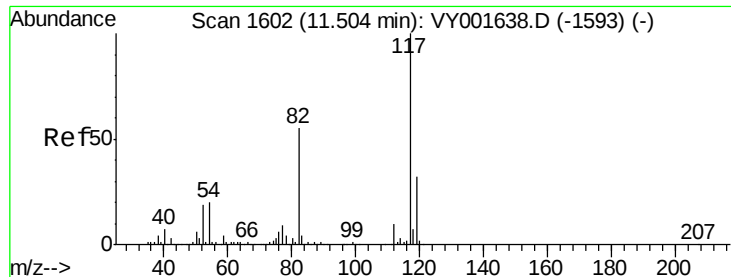
Tot Ion: 107 Resp: 100891
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.776 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion: 95 Resp: 147956
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 138.4
 176 68.5 0.0 131.8

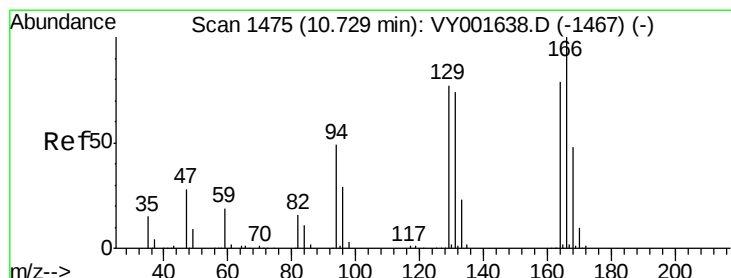
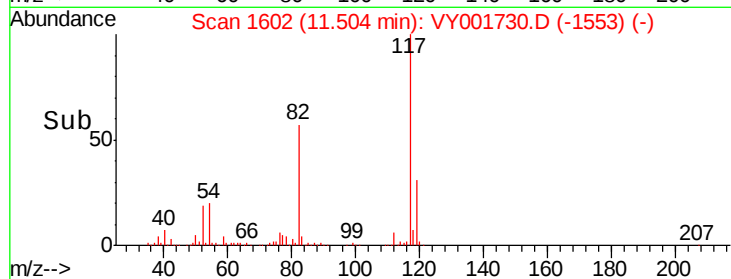
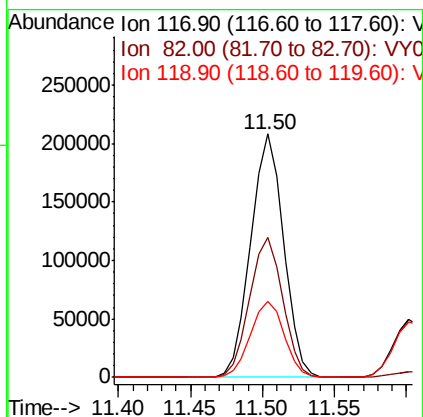
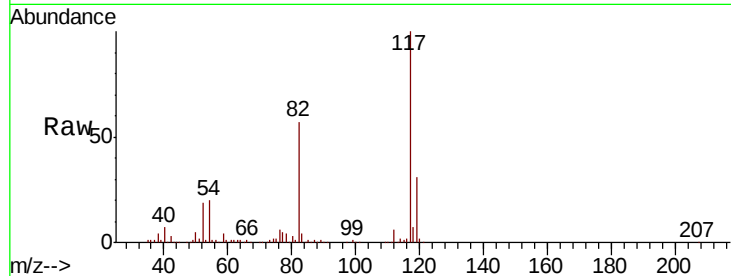




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

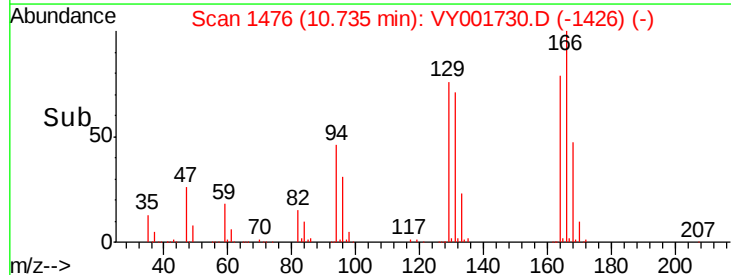
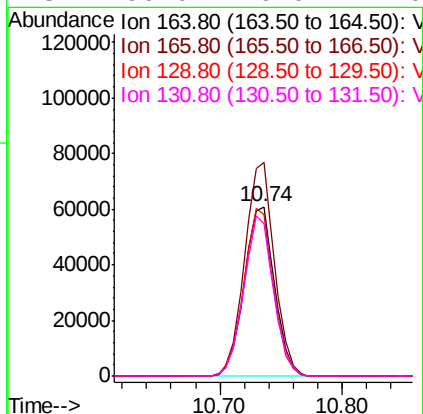
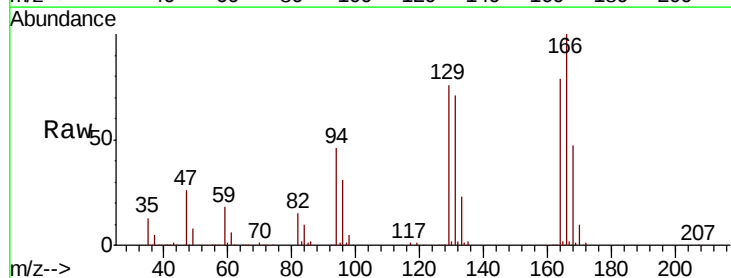
Instrument :
MSVOA_Y
ClientSampleId :

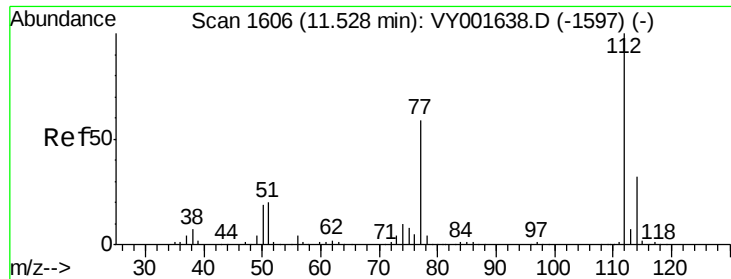
Tot Ion:117 Resp: 328572
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 50.501 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion:164 Resp: 104165
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 95.4 78.7 118.1
131 90.0 76.0 114.0

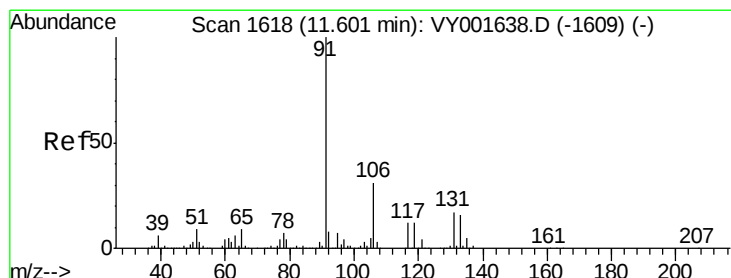
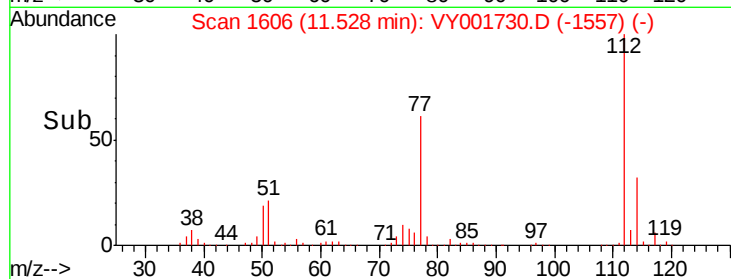
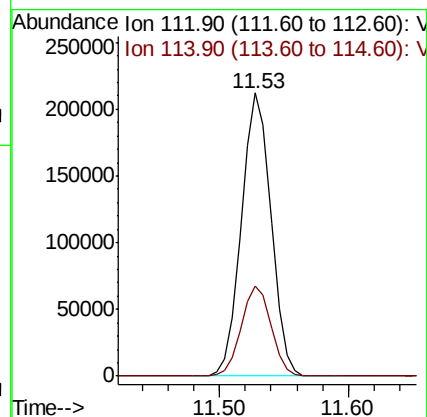
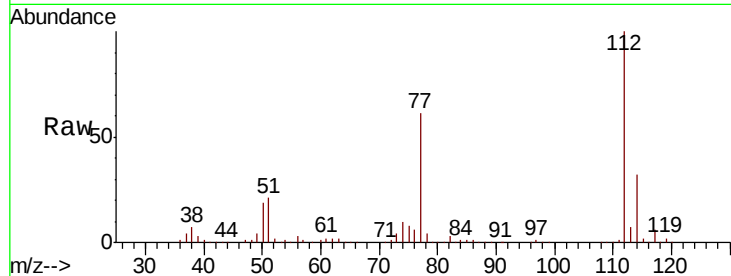




#65
Chlorobenzene
Concen: 51.312 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

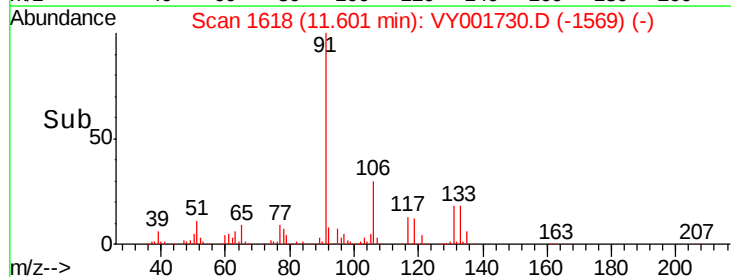
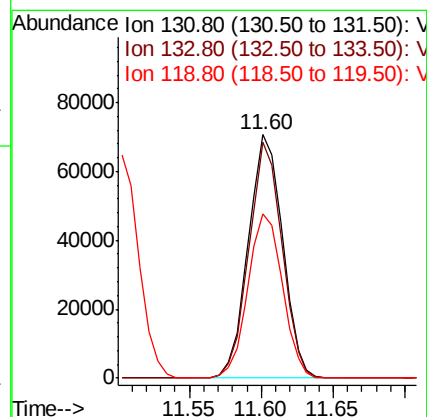
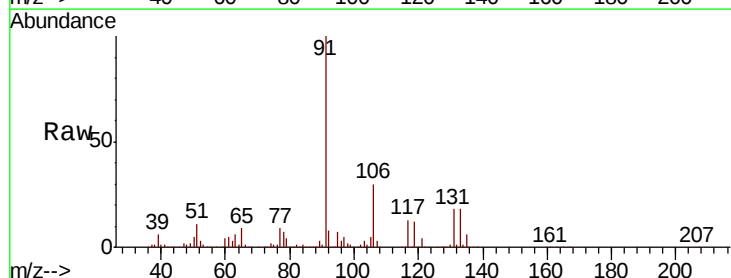
Instrument :
MSVOA_Y
ClientSampled :

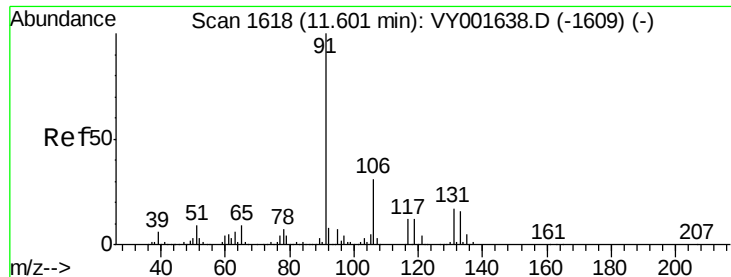
Tot Ion:112 Resp: 336604
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.498 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion:131 Resp: 116170
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.2
119 68.0 34.4 103.1

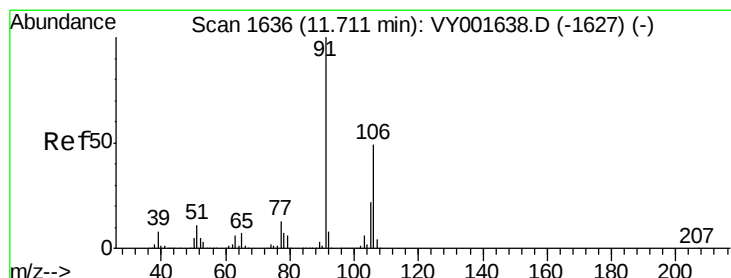
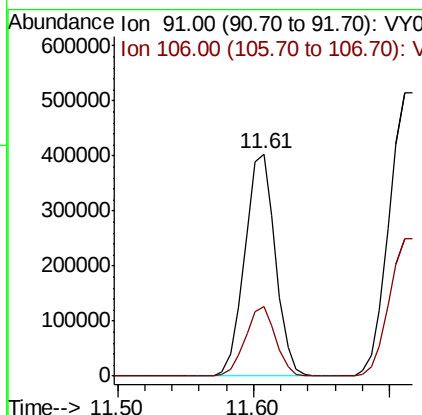
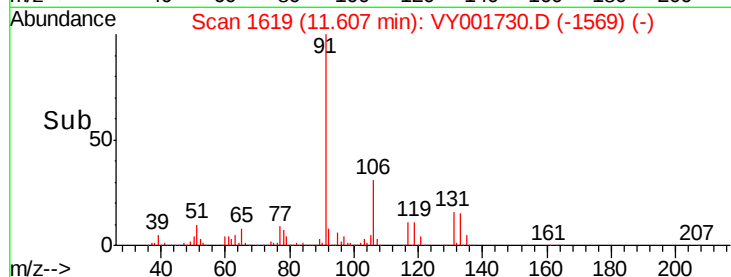
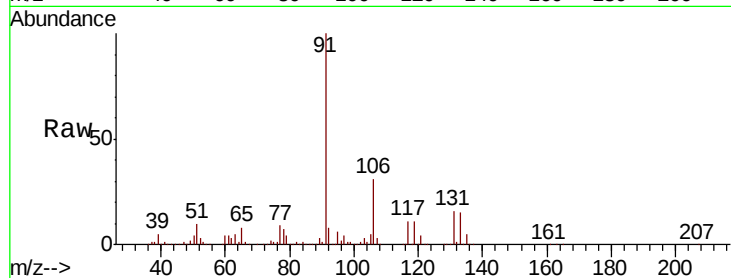




#67
Ethvl Benzene
Concen: 52.050 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

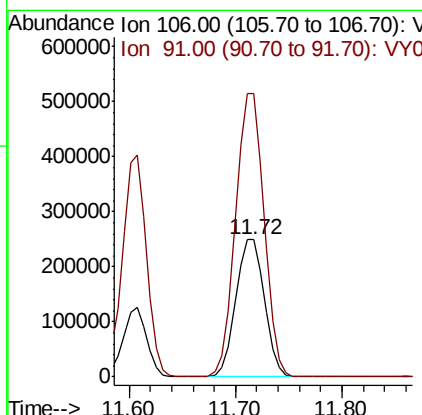
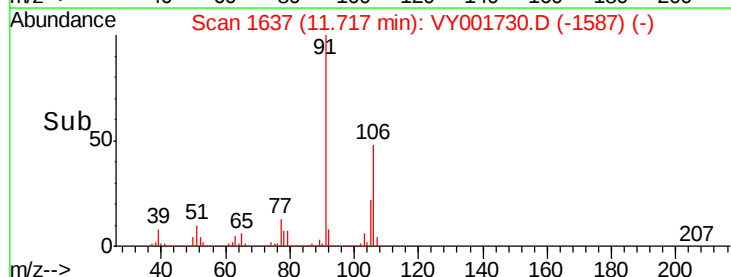
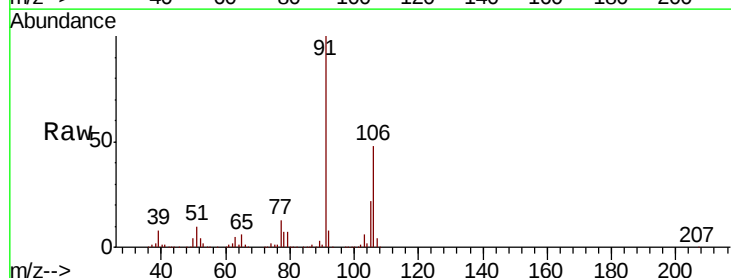
Instrument :
MSVOA_Y
ClientSampleId :

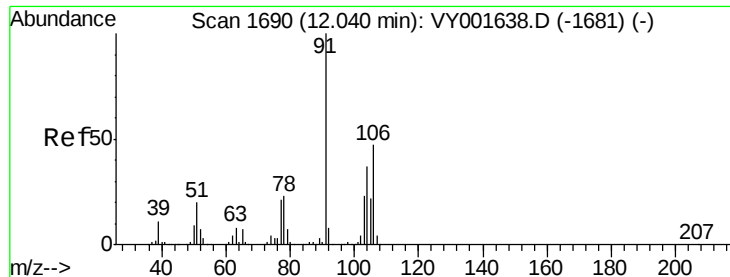
Tot Ion: 91 Resp: 633643
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 103.700 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 106 Resp: 471565
Ion Ratio Lower Upper
106 100
91 205.6 163.3 244.9

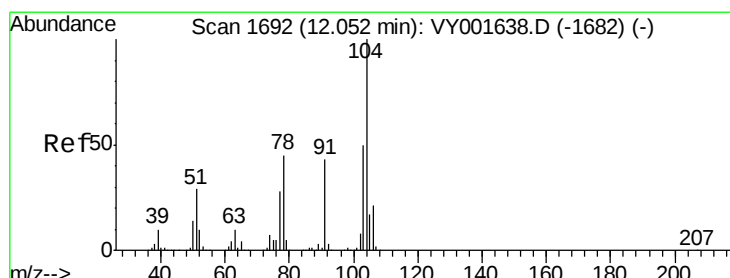
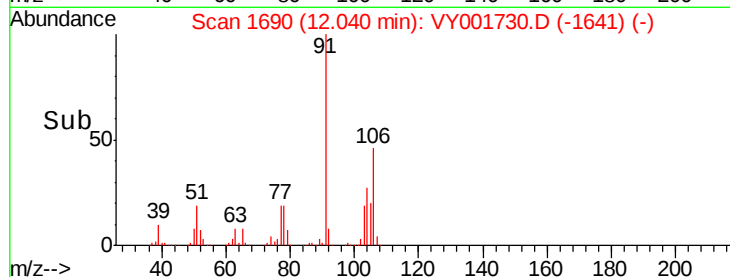
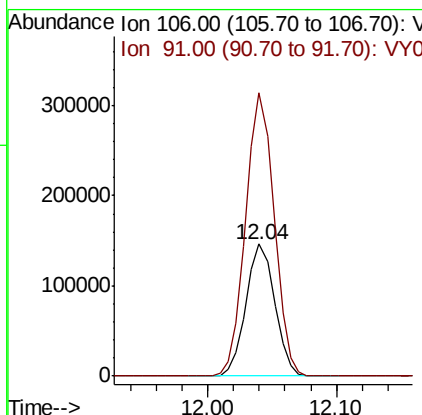
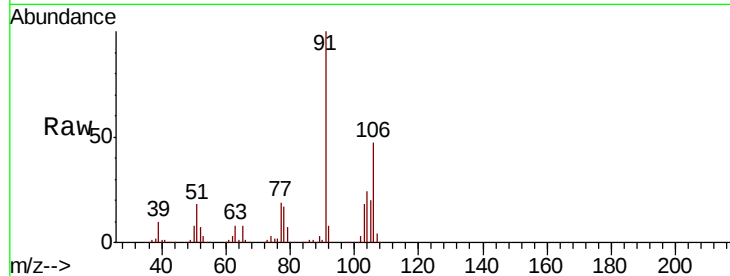




#69
o-Xylene
Concen: 52.288 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

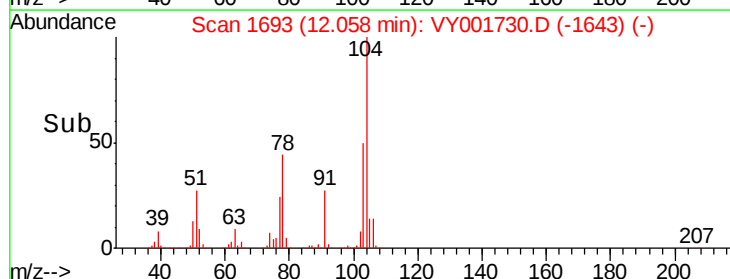
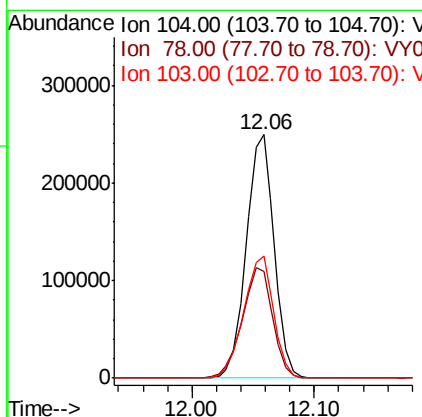
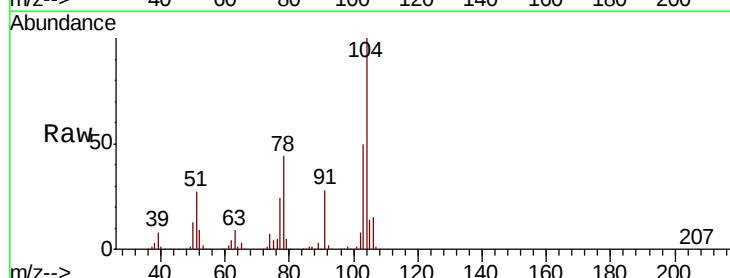
Instrument :
MSVOA_Y
ClientSampleId :

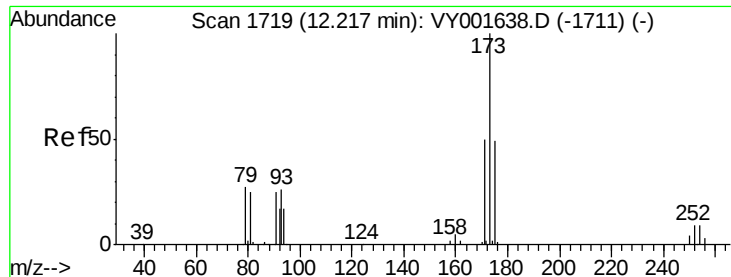
Tot Ion:106 Resp: 226050
Ion Ratio Lower Upper
106 100
91 212.7 108.3 324.9



#70
Styrene
Concen: 52.399 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion:104 Resp: 393691
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.0 43.0 64.6





#71

Bromoform

Concen: 52.095 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampled :

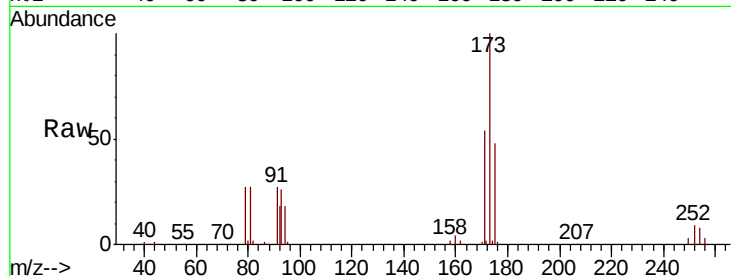
Tot Ion:173 Resp: 65880

Ion Ratio Lower Upper

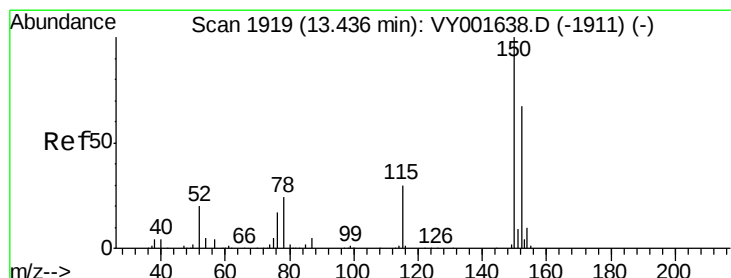
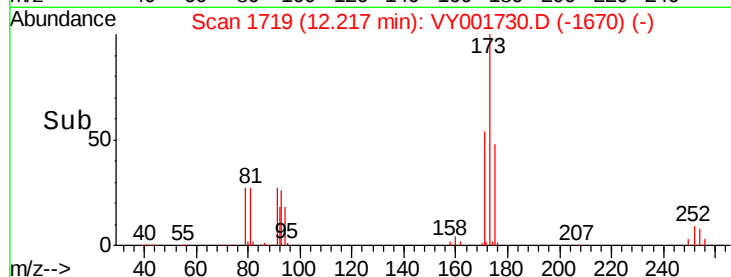
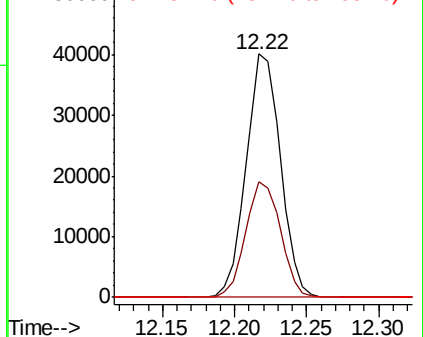
173 100

175 48.2 24.3 73.0

254 0.1 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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

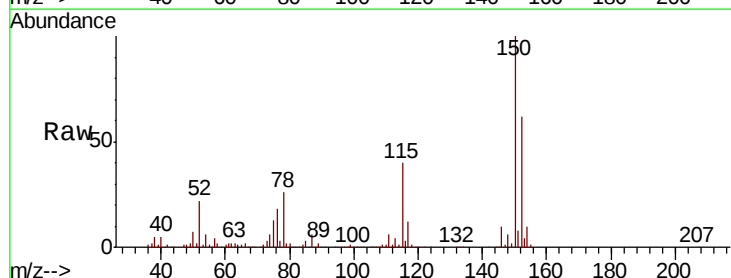
Tgt Ion:152 Resp: 152321

Ion Ratio Lower Upper

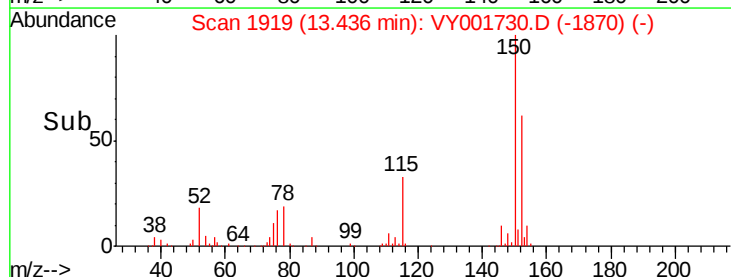
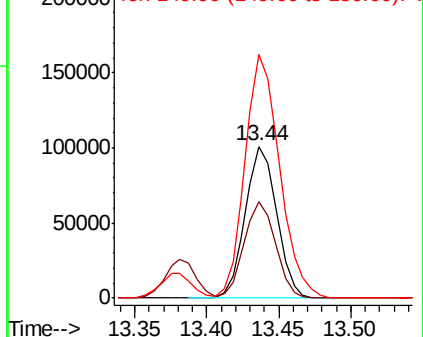
152 100

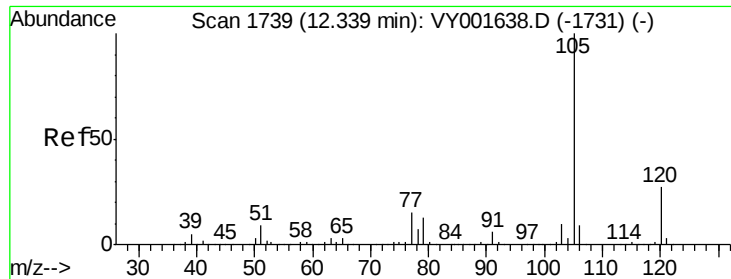
115 63.9 31.4 94.2

150 177.0 0.0 407.2



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: 52.212 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

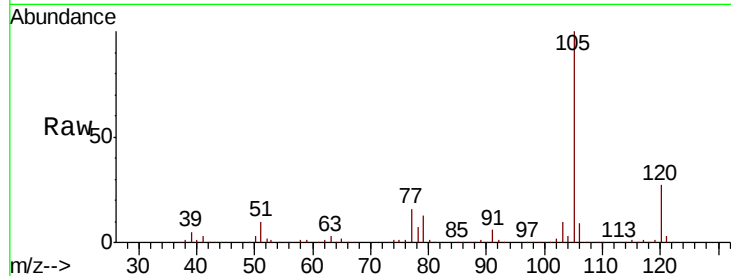
ClientSampleId :

Tot Ion:105 Resp: 605877

Ion Ratio Lower Upper

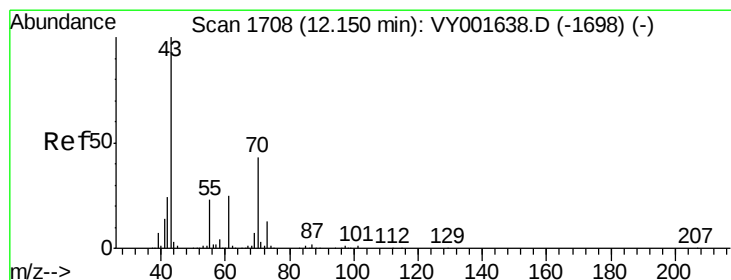
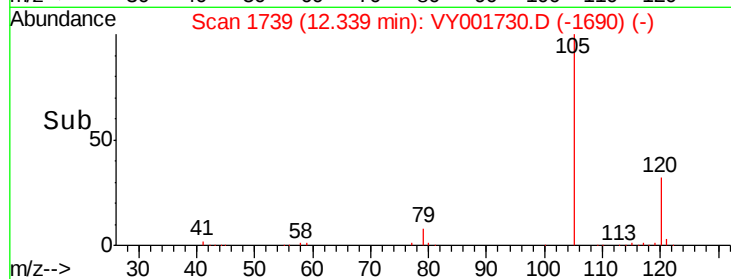
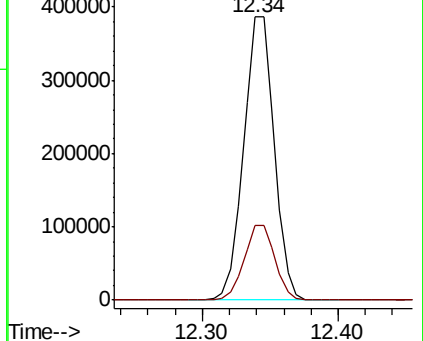
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.154 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Tgt Ion: 43 Resp: 200554

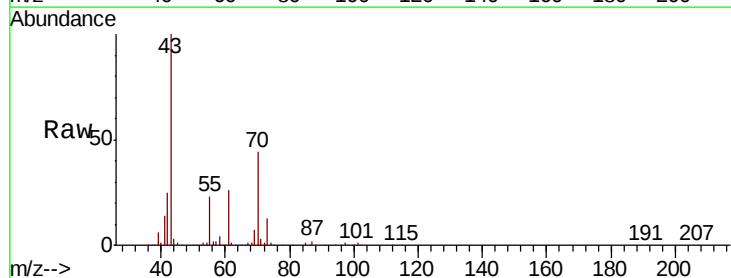
Ion Ratio Lower Upper

43 100

70 43.1 35.9 53.9

55 22.9 18.3 27.5

61 25.2 20.7 31.1

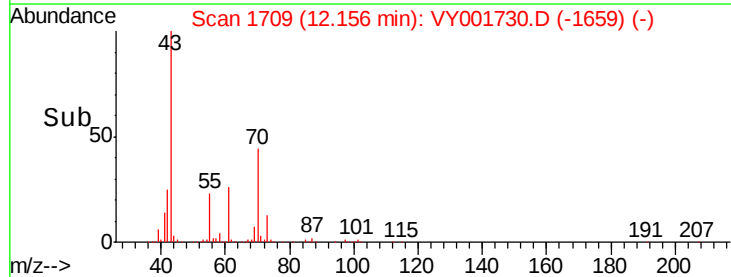
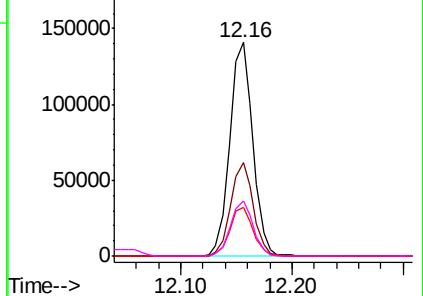


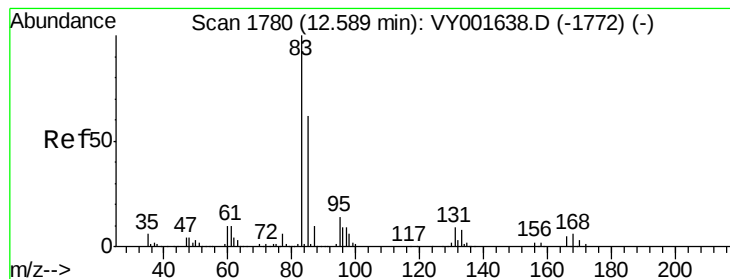
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 54.410 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

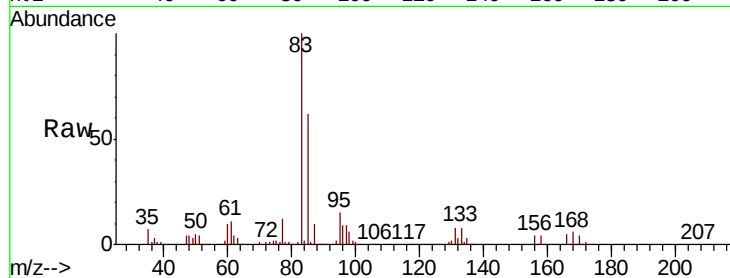
Tot Ion: 83 Resp: 134812

Ion Ratio Lower Upper

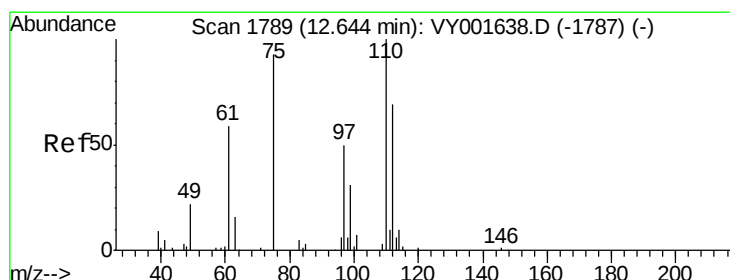
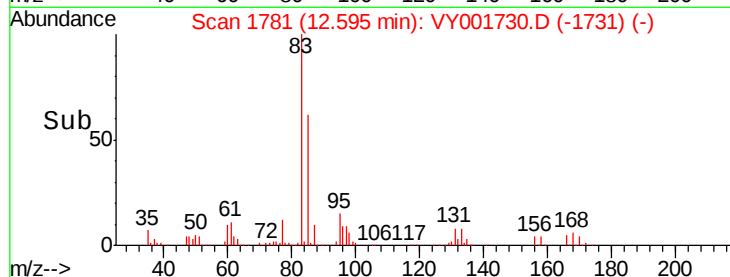
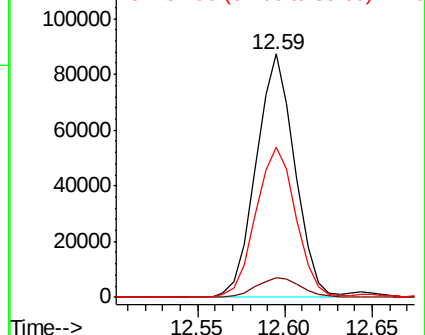
83 100

131 9.2 4.7 14.1

85 63.8 31.6 94.7



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: 99.293 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001730.D

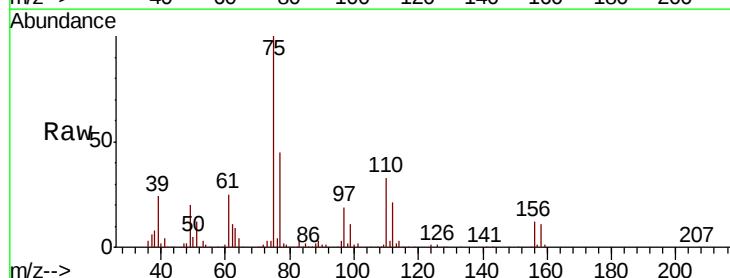
Acq: 20 Feb 2020 17:54

Tgt Ion: 75 Resp: 173496

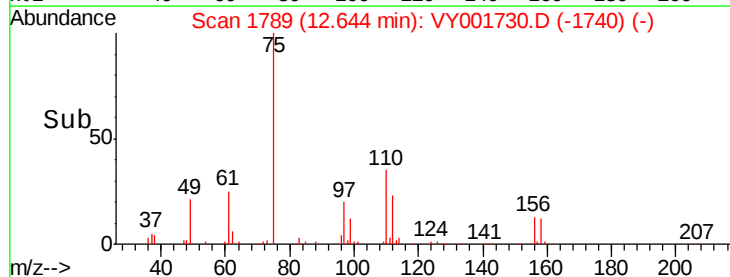
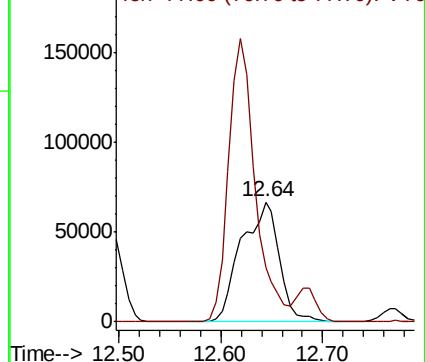
Ion Ratio Lower Upper

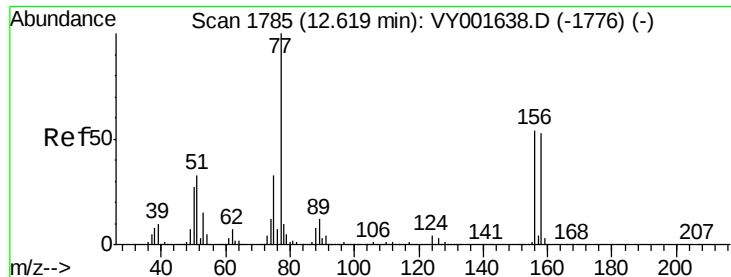
75 100

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: 51.363 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

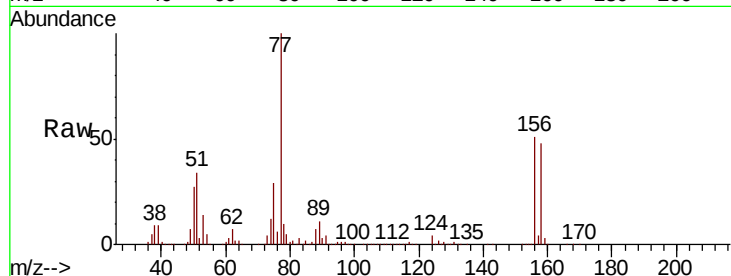
Tot Ion:156 Resp: 129207

Ion Ratio Lower Upper

156 100

77 222.1 110.1 330.1

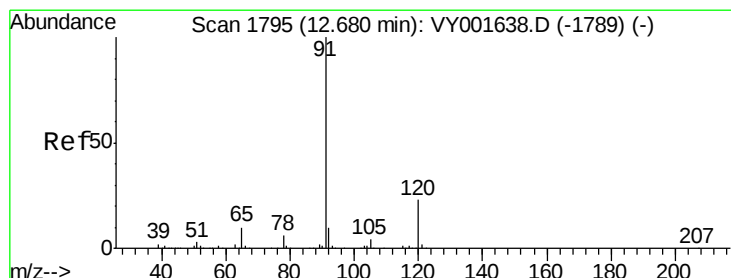
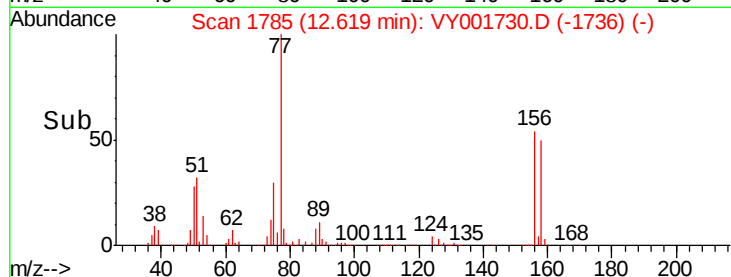
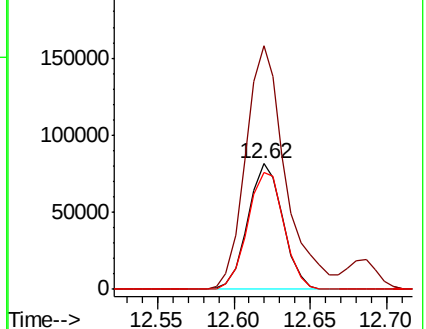
158 96.6 47.9 143.7



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: 53.199 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001730.D

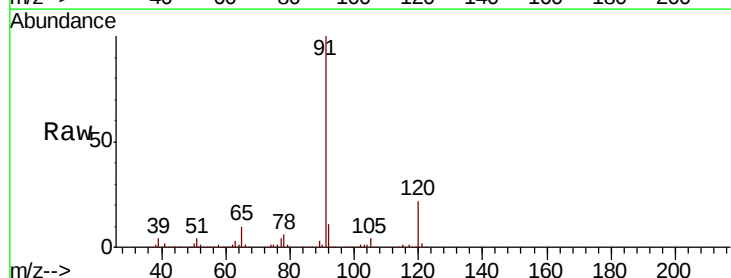
Acq: 20 Feb 2020 17:54

Tgt Ion: 91 Resp: 751847

Ion Ratio Lower Upper

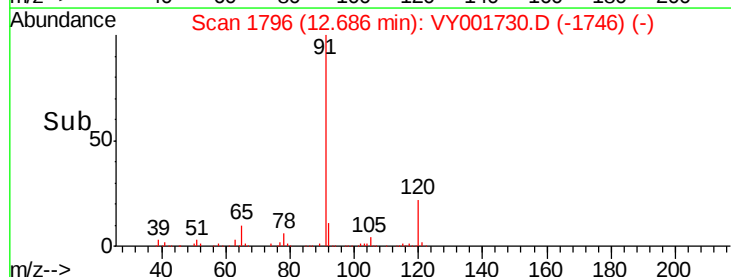
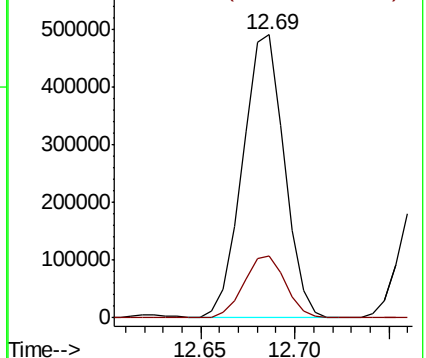
91 100

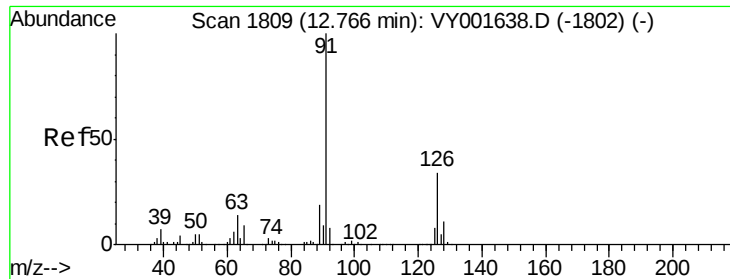
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.813 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

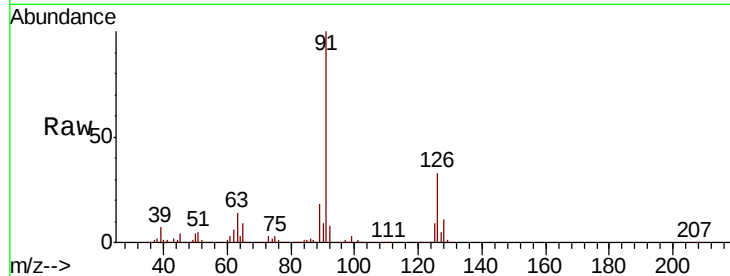
ClientSampleId :

Tot Ion: 91 Resp: 418623

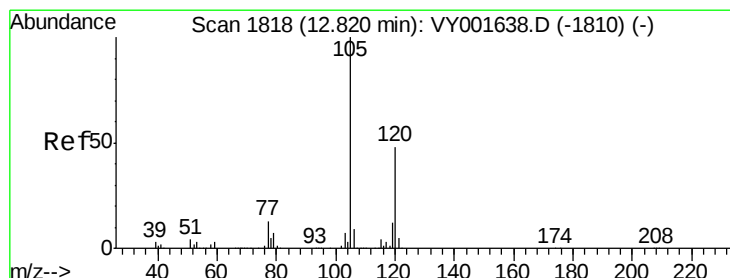
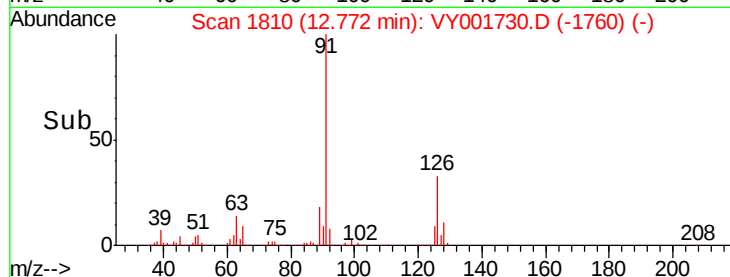
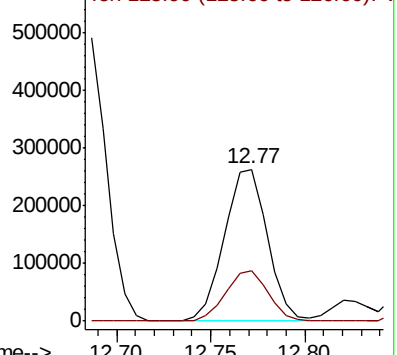
Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY001730.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.431 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001730.D

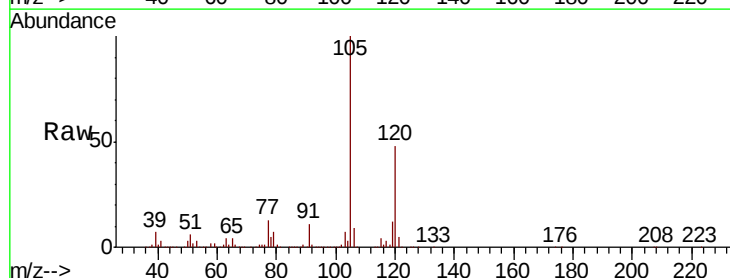
Acq: 20 Feb 2020 17:54

Tgt Ion: 105 Resp: 503639

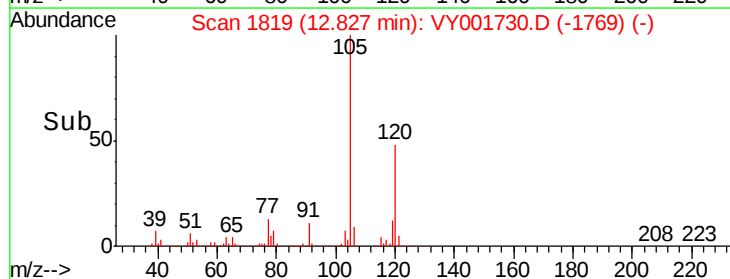
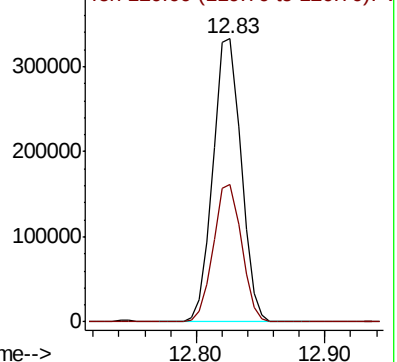
Ion Ratio Lower Upper

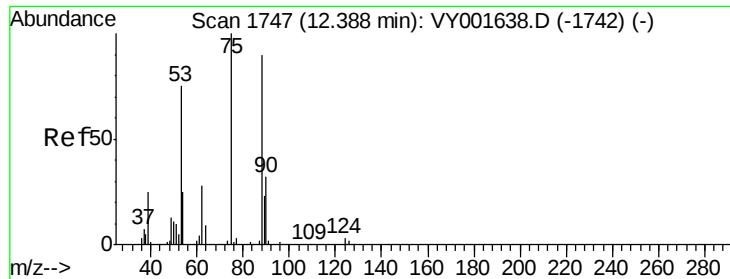
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001730.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.150 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

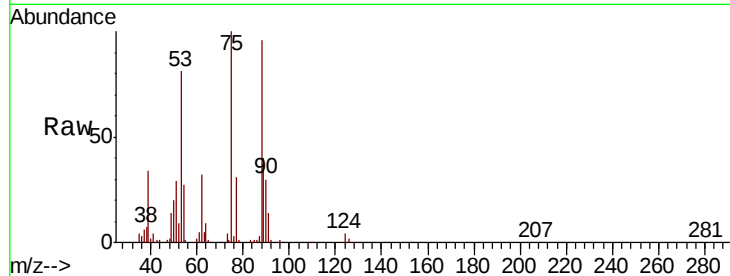
Tot Ion: 75 Resp: 48952

Ion Ratio Lower Upper

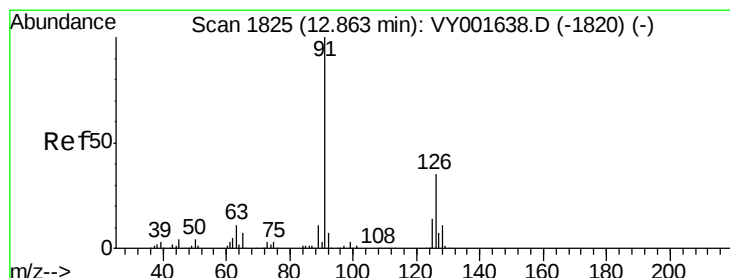
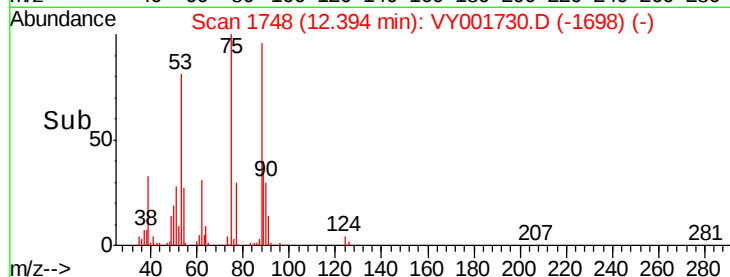
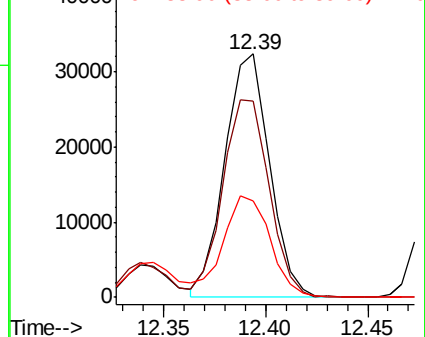
75 100

53 85.0 64.5 96.7

89 43.9 36.3 54.5



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: 52.769 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001730.D

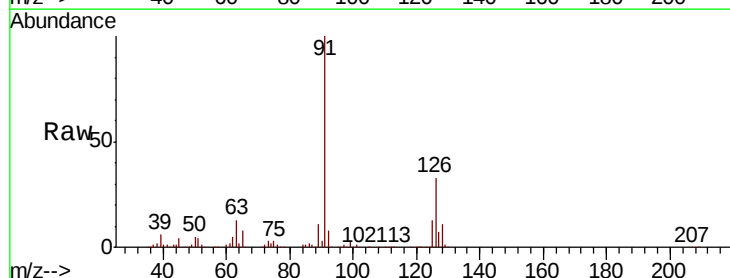
Acq: 20 Feb 2020 17:54

Tgt Ion: 91 Resp: 441153

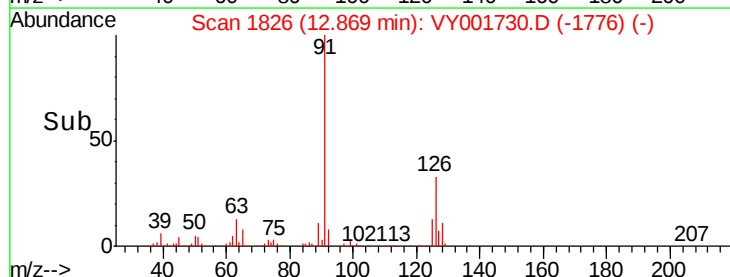
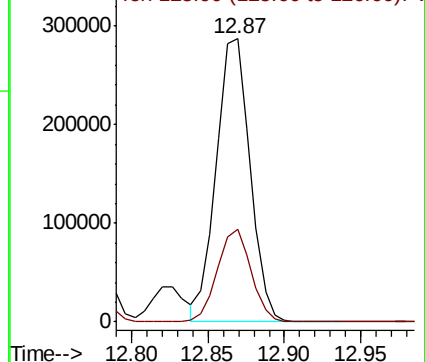
Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.6



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

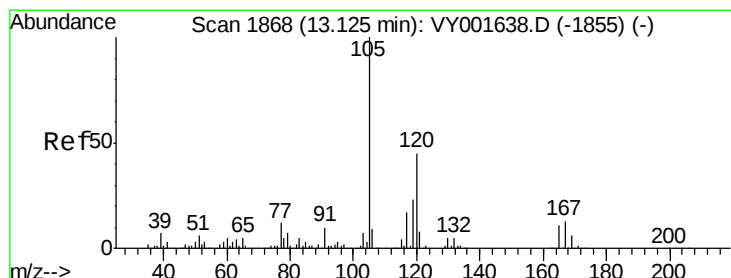
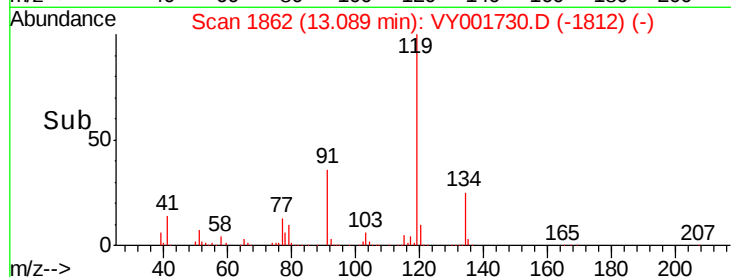
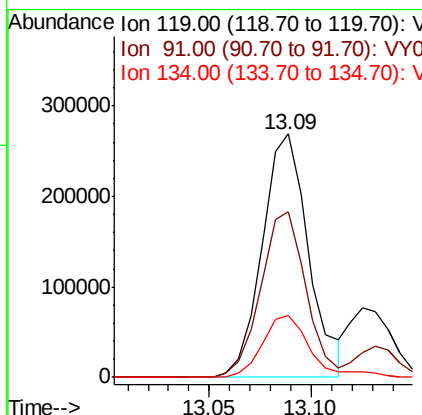
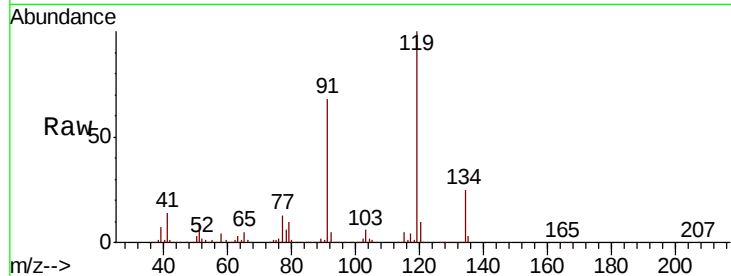




#83
tert-Butylbenzene
Concen: 53.090 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

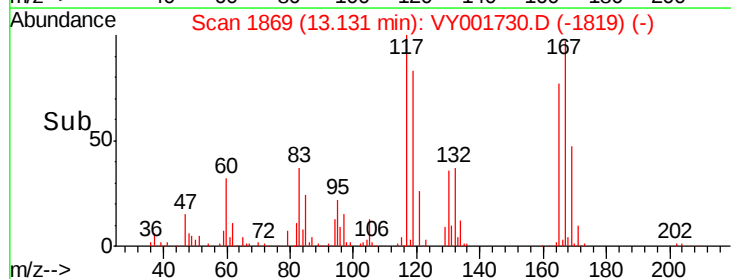
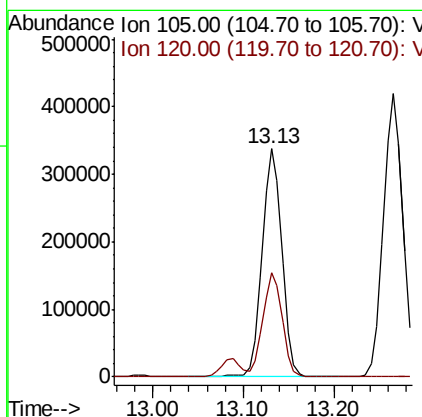
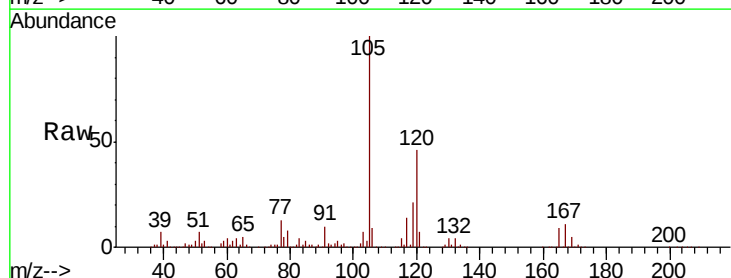
Instrument :
MSVOA_Y
ClientSampleId :

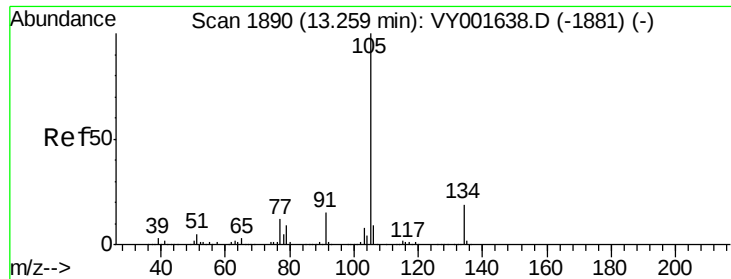
Tot Ion:119 Resp: 426517
Ion Ratio Lower Upper
119 100
91 66.1 33.5 100.5
134 26.4 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.843 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion:105 Resp: 506050
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.389 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

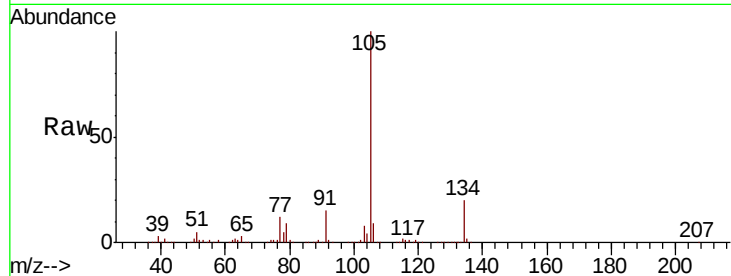
ClientSampleId :

Tot Ion:105 Resp: 619007

Ion Ratio Lower Upper

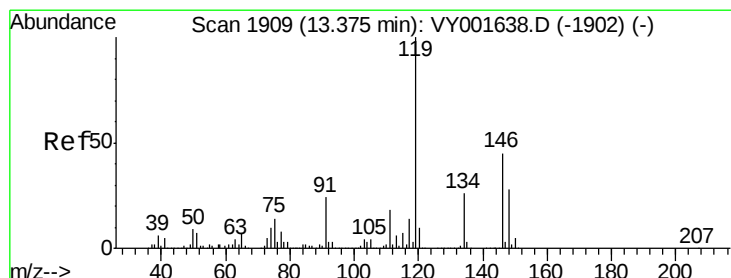
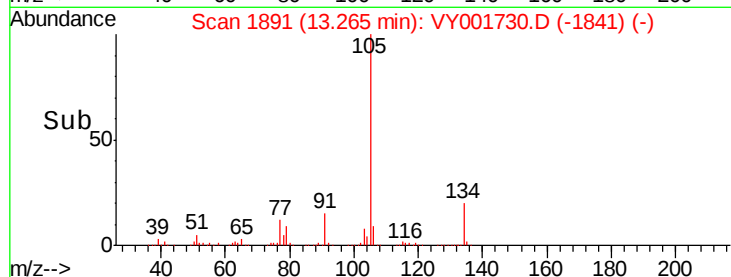
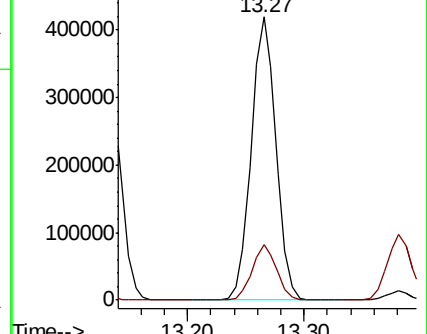
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.148 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

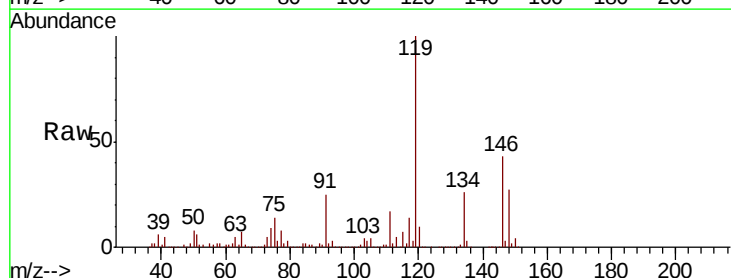
Tgt Ion:119 Resp: 535277

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

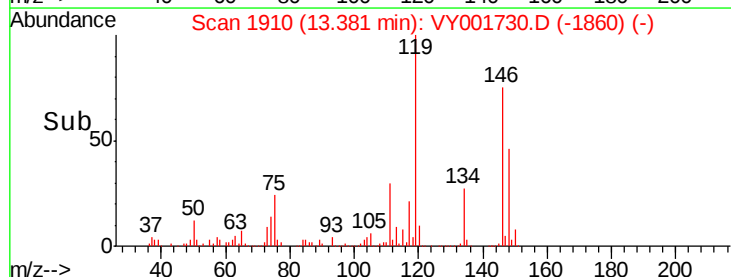
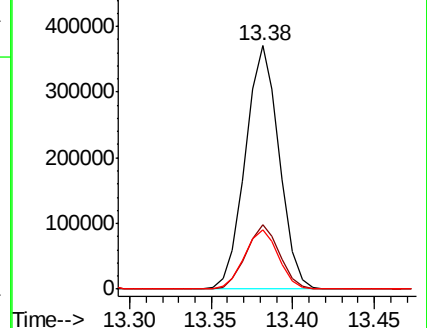
91 24.5 12.2 36.6

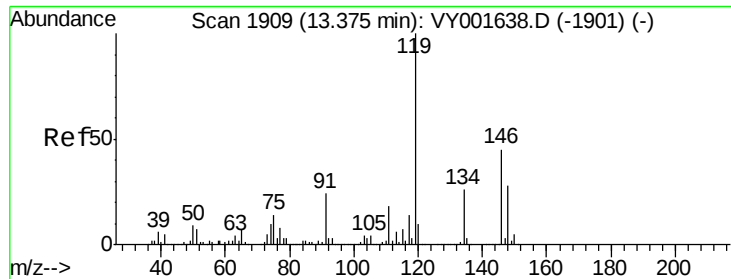


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

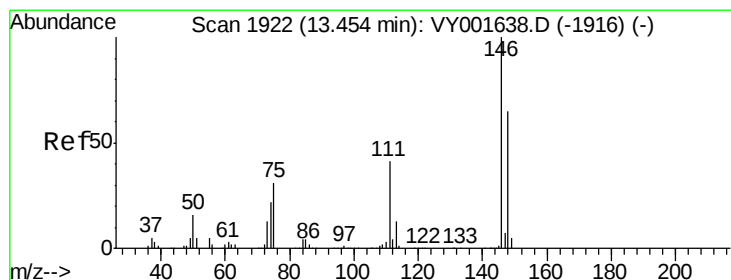
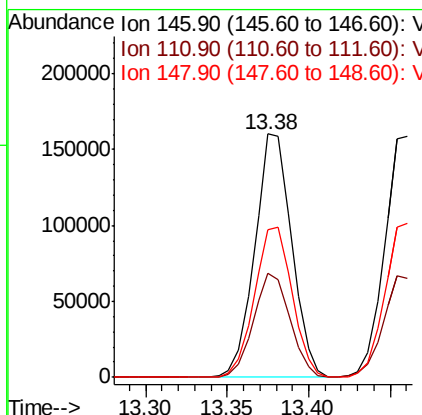
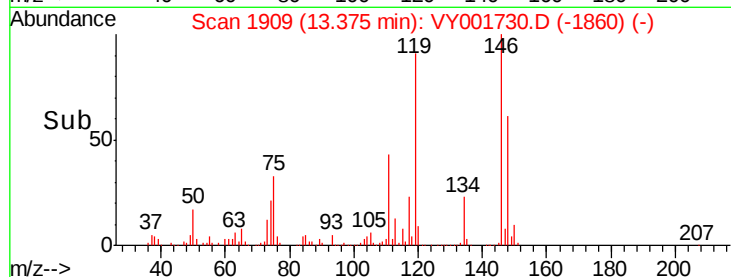
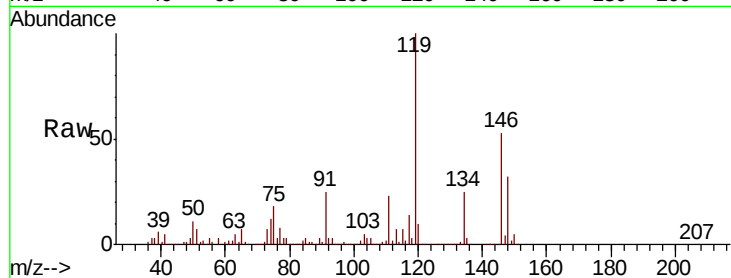




#87
 1,3-Dichlorobenzene
 Concen: 51.636 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

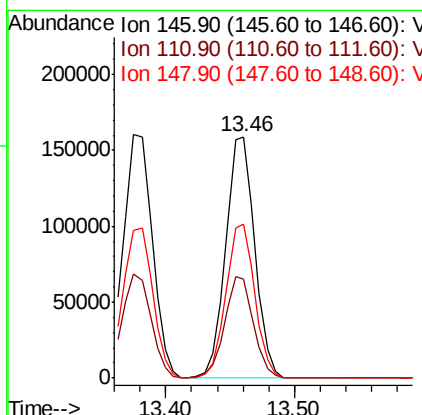
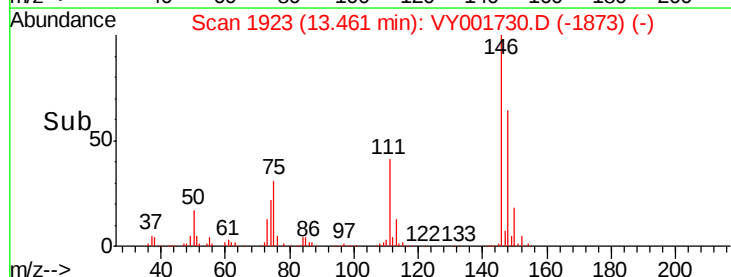
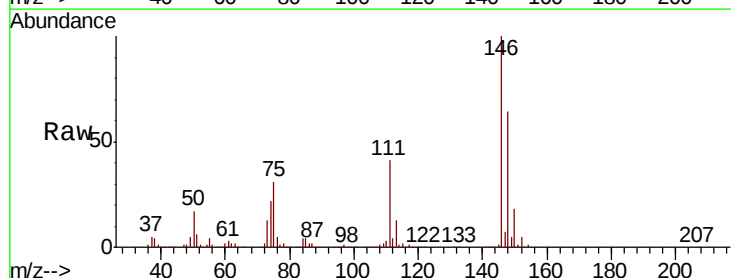
Instrument :
 MSVOA_Y
 ClientSampled :

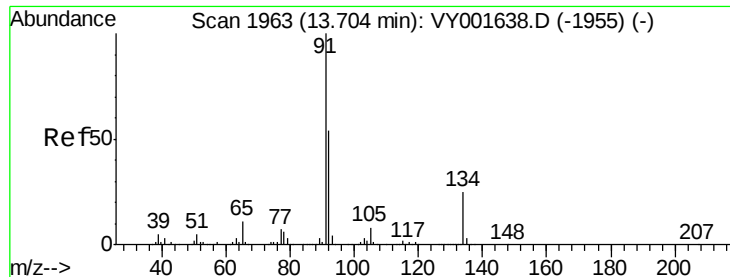
Tot Ion:146 Resp: 251916
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 62.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.927 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion:146 Resp: 251148
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 63.8 31.6 94.7

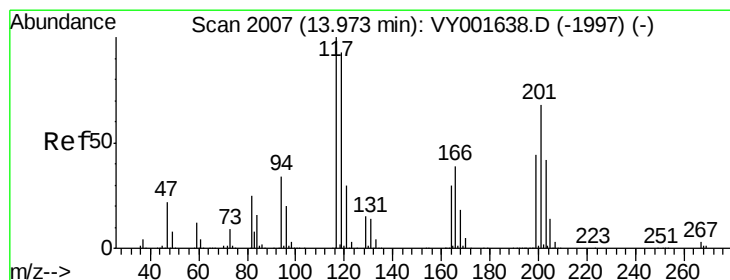
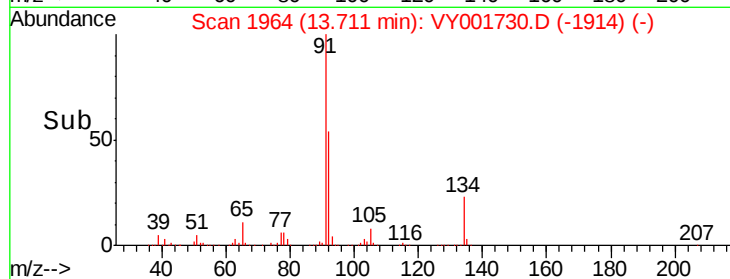
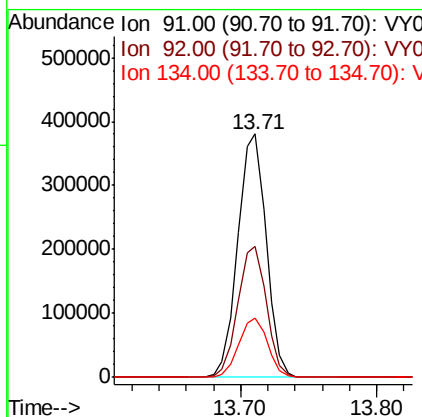
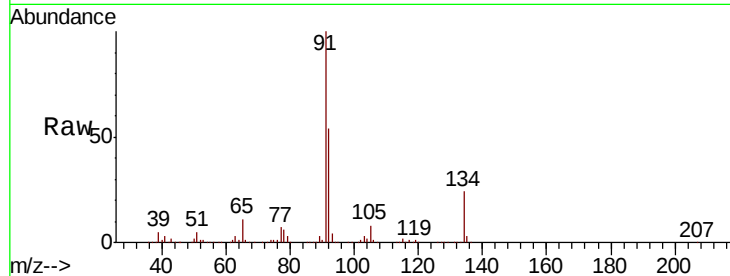




#89
n-Butylbenzene
Concen: 52.816 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

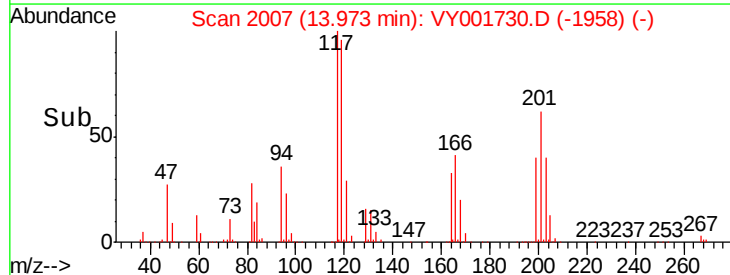
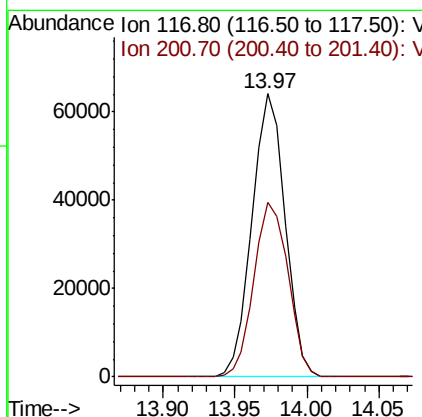
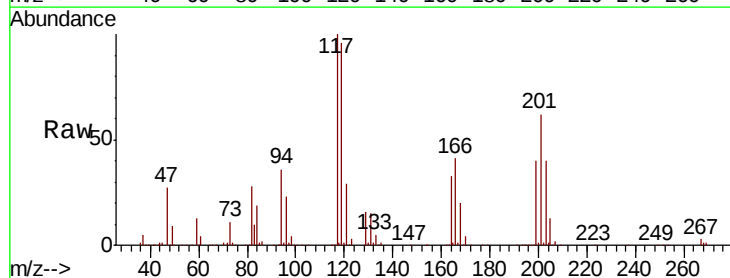
Instrument :
MSVOA_Y
ClientSampleId :

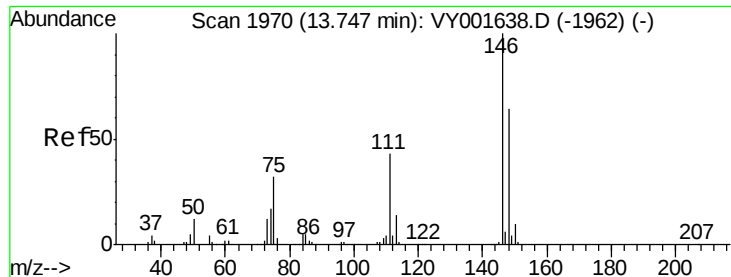
Tot Ion: 91 Resp: 553961
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.4
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 52.671 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001730.D
Acq: 20 Feb 2020 17:54

Tgt Ion: 117 Resp: 101863
Ion Ratio Lower Upper
117 100
201 63.8 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 51.214 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

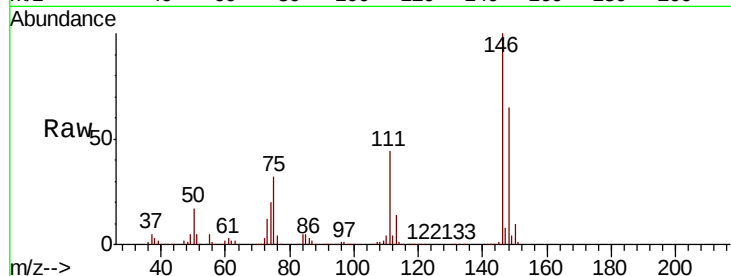
Tot Ion:146 Resp: 230582

Ion Ratio Lower Upper

146 100

111 43.3 21.9 65.7

148 63.5 31.5 94.5

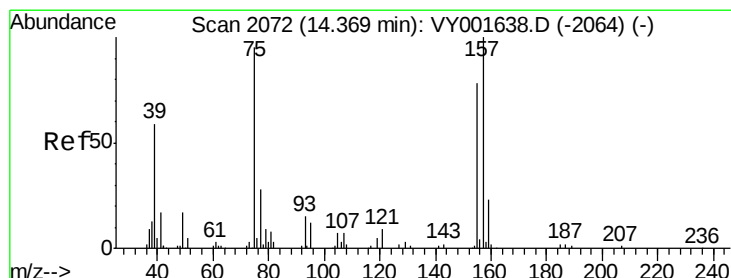
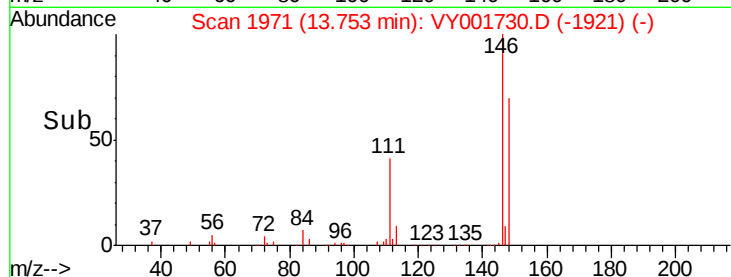
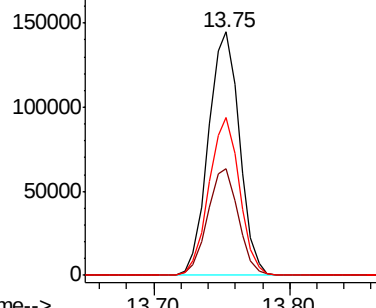


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.883 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

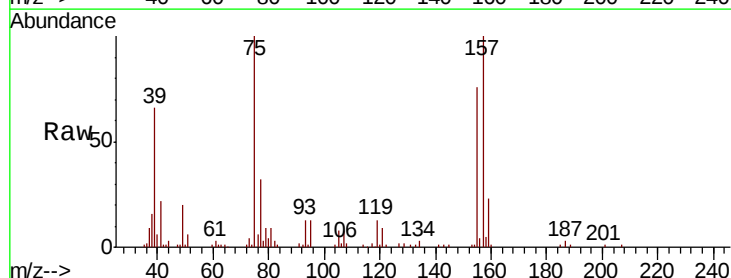
Tgt Ion: 75 Resp: 22442

Ion Ratio Lower Upper

75 100

155 77.3 40.8 122.4

157 100.6 52.1 156.4

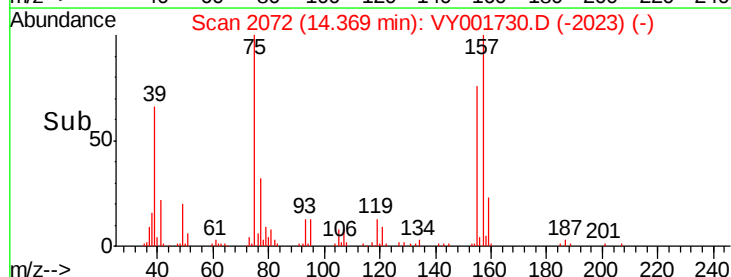
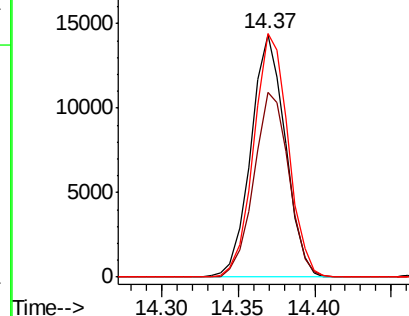


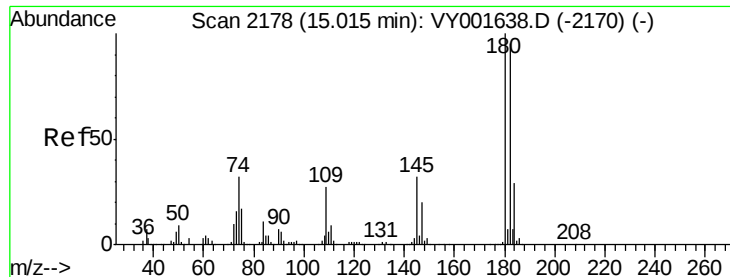
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

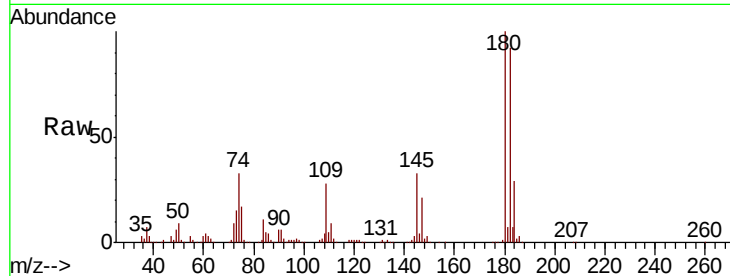




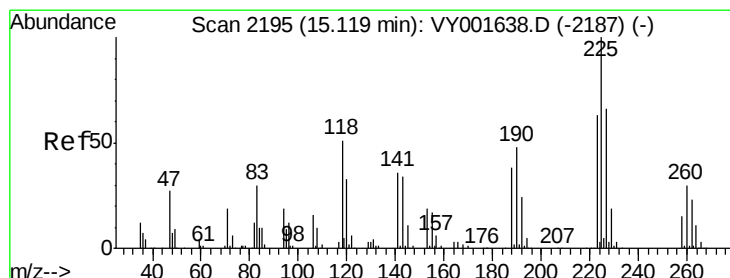
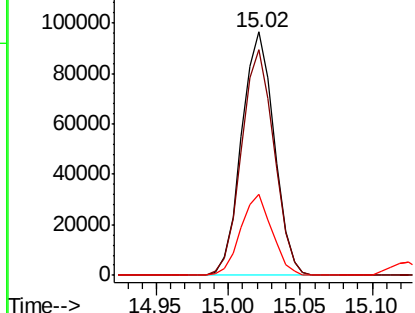
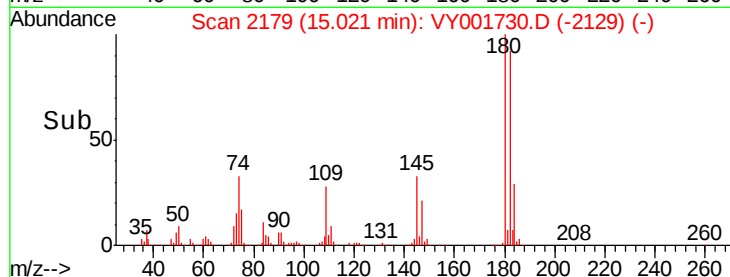
#93
 1,2,4-Trichlorobenzene
 Concen: 50.616 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.8	140.3
145	32.1	16.2	48.5

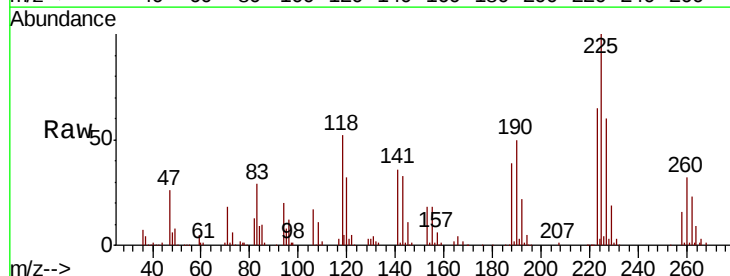


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

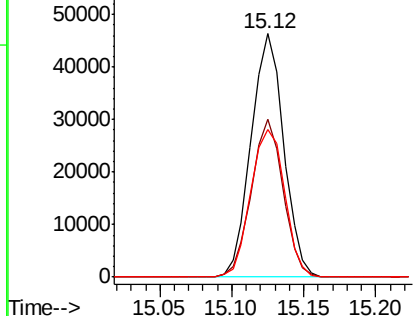
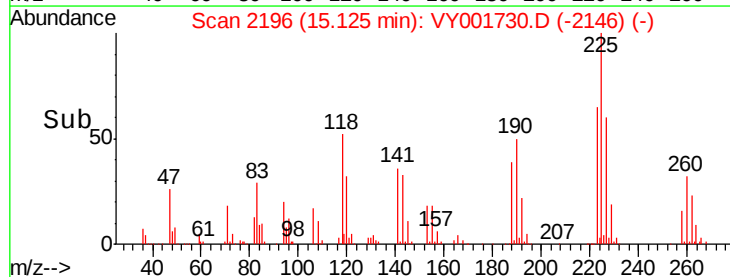


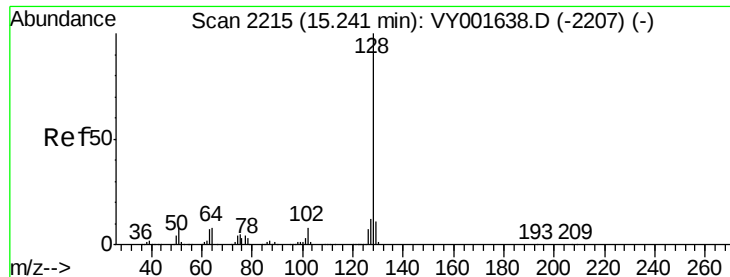
#94
 Hexachlorobutadiene
 Concen: 48.841 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001730.D
 Acq: 20 Feb 2020 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.0
227	63.0	31.6	94.8



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





#95

Naphthalene

Concen: 53.179 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

Instrument :

MSVOA_Y

ClientSampleId :

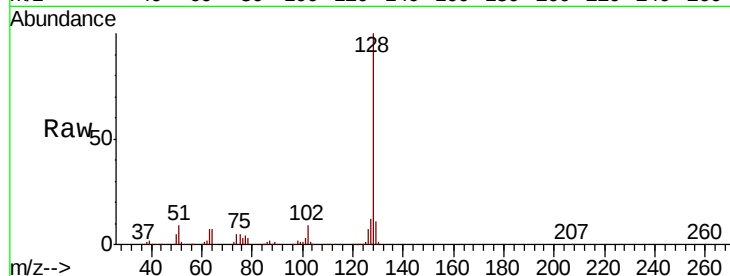
Tot Ion:128 Resp: 365832

Ion Ratio Lower Upper

128 100

127 12.5 9.9 14.9

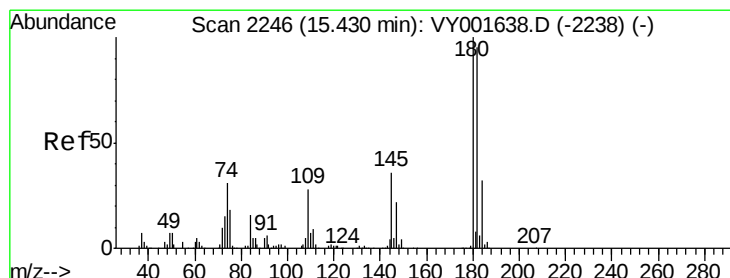
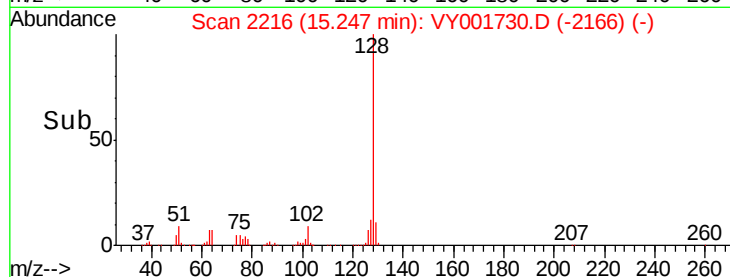
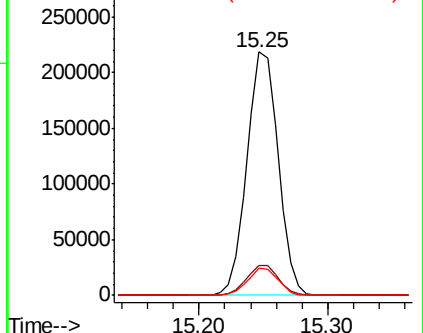
129 10.9 8.6 13.0



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: 50.466 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001730.D

Acq: 20 Feb 2020 17:54

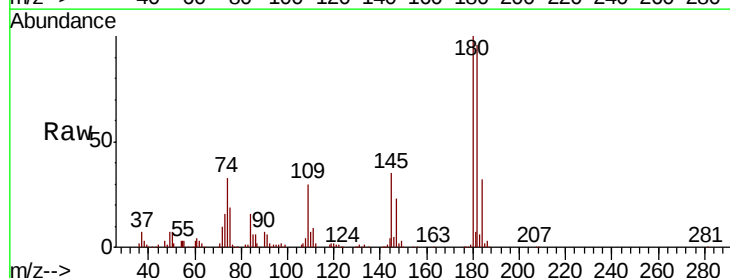
Tgt Ion:180 Resp: 132465

Ion Ratio Lower Upper

180 100

182 94.5 47.2 141.6

145 34.7 17.3 52.0



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

