

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001608.D
 Acq On : 12 Feb 2020 11:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 07:43:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	194840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	339109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149186	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	103277	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	7.75	113	97957	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.19	98	406234	54.91	ug/l	0.00
Spiked Amount			Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.49	95	151278	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	82772	43.399	ug/l	97
3) Chloromethane	2.13	50	109129	54.746	ug/l	96
4) Vinyl Chloride	2.27	62	114431	55.285	ug/l	100
5) Bromomethane	2.67	94	73356	56.353	ug/l	100
6) Chloroethane	2.82	64	72363	58.000	ug/l	96
7) Trichlorofluoromethane	3.15	101	148425	43.322	ug/l	96
8) Diethyl Ether	3.55	74	57772	49.969	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	95274	46.217	ug/l	99
10) Methyl Iodide	4.12	142	120491	45.872	ug/l	99
11) Tert butyl alcohol	4.99	59	50785	227.113	ug/l	98
12) 1,1-Dichloroethene	3.90	96	95901	46.816	ug/l	98
13) Acrolein	3.76	56	47090	253.505	ug/l	99
14) Allyl chloride	4.51	41	168963	53.918	ug/l	97
15) Acrylonitrile	5.21	53	152433	287.599	ug/l	99
16) Acetone	3.98	43	167059	294.398	ug/l	98
17) Carbon Disulfide	4.22	76	304793	46.739	ug/l	99
18) Methyl Acetate	4.51	43	68651	56.692	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	265446	48.726	ug/l	95
20) Methylene Chloride	4.75	84	109567	49.240	ug/l	90
21) trans-1,2-Dichloroethene	5.26	96	109988	48.298	ug/l	97
22) Diisopropyl ether	6.15	45	355144	57.203	ug/l	94
23) Vinyl Acetate	6.10	43	1174109	297.069	ug/l	95
24) 1,1-Dichloroethane	6.05	63	189264	50.681	ug/l	96
25) 2-Butanone	7.02	43	227101	308.481	ug/l	92
26) 2,2-Dichloropropane	7.01	77	165155	46.209	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	120972	48.636	ug/l	97
28) Bromochloromethane	7.36	49	84708	66.585	ug/l	88
29) Tetrahydrofuran	7.38	42	135738	307.621	ug/l	93
30) Chloroform	7.53	83	181825	48.068	ug/l	99
31) Cyclohexane	7.81	56	192934	50.506	ug/l	94
32) 1,1,1-Trichloroethane	7.73	97	158359	46.174	ug/l	97
36) 1,1-Dichloropropene	7.94	75	152968	49.309	ug/l	98
37) Ethyl Acetate	7.10	43	89899	59.862	ug/l	97
38) Carbon Tetrachloride	7.93	117	137082	45.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	197967	48.465	ug/l	96
40) Benzene	8.18	78	448207	50.654	ug/l	100
41) Methacrylonitrile	7.37	41	121794	174.987	ug/l #	20
42) 1,2-Dichloroethane	8.26	62	120337	48.815	ug/l	99
43) Isopropyl Acetate	8.30	43	175813	59.128	ug/l	95
44) Trichloroethene	8.96	130	112458	47.150	ug/l	98
45) 1,2-Dichloropropane	9.24	63	113224	52.990	ug/l	99
46) Dibromomethane	9.32	93	59087	49.247	ug/l	99
47) Bromodichloromethane	9.51	83	143896	49.223	ug/l	97
48) Methyl methacrylate	9.31	41	79278	58.745	ug/l	92
49) 1,4-Dioxane	9.32	88	15429	973.729	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	456662	311.859	ug/l	95
52) Toluene	10.26	92	283113	50.426	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	158421	49.754	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	181686	49.702	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	88129	51.195	ug/l	99
56) Ethyl methacrylate	10.52	69	133759	54.630	ug/l	94
57) 1,3-Dichloropropane	10.80	76	154809	51.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	265054	294.269	ug/l	95
59) 2-Hexanone	10.85	43	343750	322.863	ug/l	96
60) Dibromochloromethane	11.00	129	98381	48.484	ug/l	100
61) 1,2-Dibromoethane	11.10	107	83962	49.520	ug/l	98
64) Tetrachloroethene	10.73	164	91267	45.354	ug/l	98
65) Chlorobenzene	11.53	112	291078	48.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	100491	47.656	ug/l	99
67) Ethyl Benzene	11.60	91	542679	48.715	ug/l	98
68) m/p-Xylenes	11.71	106	410407	98.138	ug/l	99
69) o-Xylene	12.04	106	195206	49.507	ug/l	99
70) Styrene	12.05	104	340375	49.918	ug/l	99
71) Bromoform	12.22	173	58585	49.895	ug/l #	100
73) Isopropylbenzene	12.34	105	529932	46.574	ug/l	100
74) N-amyl acetate	12.16	43	169260	57.247	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.60	83	113619	52.559	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	147746	92.091	ug/l #	100
77) Bromobenzene	12.62	156	112611	45.733	ug/l	93
78) n-propylbenzene	12.68	91	653214	47.954	ug/l	99
79) 2-Chlorotoluene	12.77	91	360406	46.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	441798	46.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41117	49.590	ug/l	96
82) 4-Chlorotoluene	12.86	91	380810	46.778	ug/l	99
83) tert-Butylbenzene	13.09	119	382359	47.207	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	442582	46.666	ug/l	100
85) sec-Butylbenzene	13.27	105	549820	48.281	ug/l	99
86) p-Isopropyltoluene	13.38	119	479668	47.798	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	224016	47.471	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	225813	47.765	ug/l	98
89) n-Butylbenzene	13.71	91	491789	49.668	ug/l	99
90) Hexachloroethane	13.97	117	92172	47.853	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	205187	47.981	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18227	45.673	ug/l	98

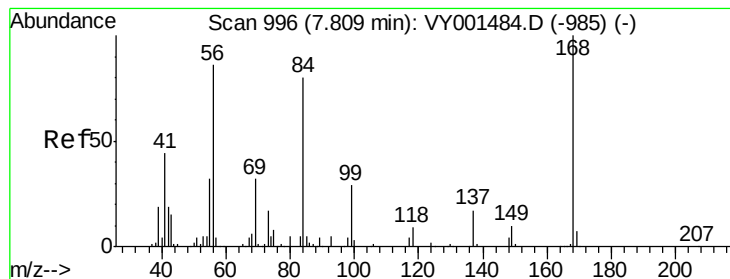
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132053	45.822	ug/l	98
94) Hexachlorobutadiene	15.13	225	67392	46.076	ug/l	98
95) Naphthalene	15.25	128	311292	45.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117642	46.245	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

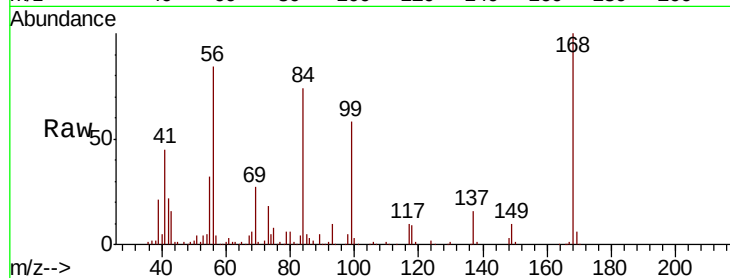
ClientSampleId :

Tot Ion:168 Resp: 194840

Ion Ratio Lower Upper

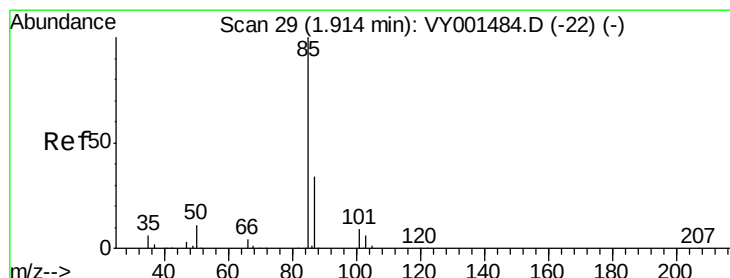
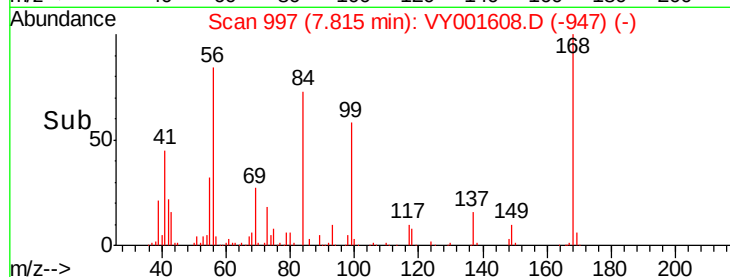
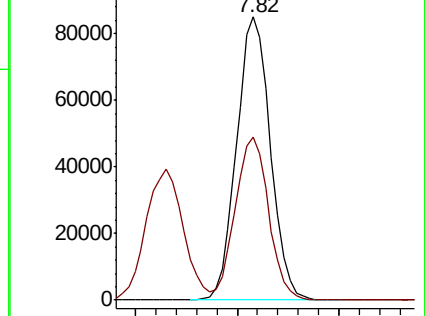
168 100

99 57.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001608.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001608.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 43.399 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001608.D

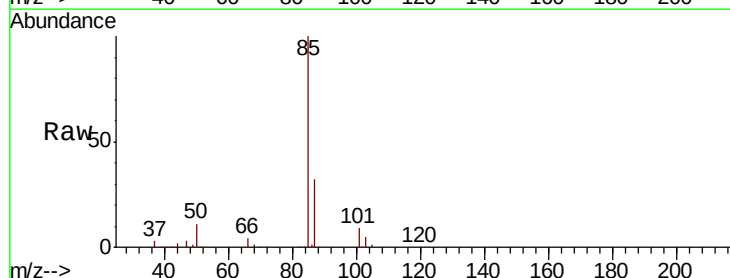
Acq: 12 Feb 2020 11:15

Tgt Ion: 85 Resp: 82772

Ion Ratio Lower Upper

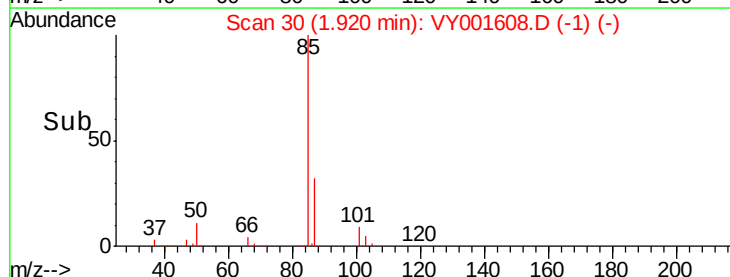
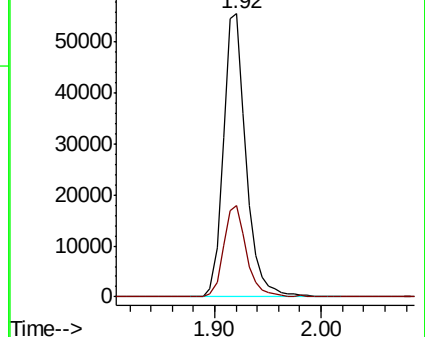
85 100

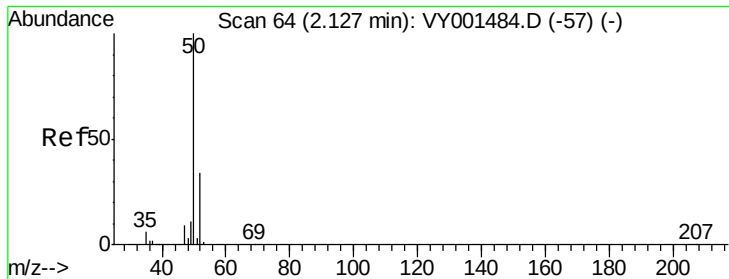
87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001608.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001608.D (-1) (-)





#3

Chloromethane

Concen: 54.746 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

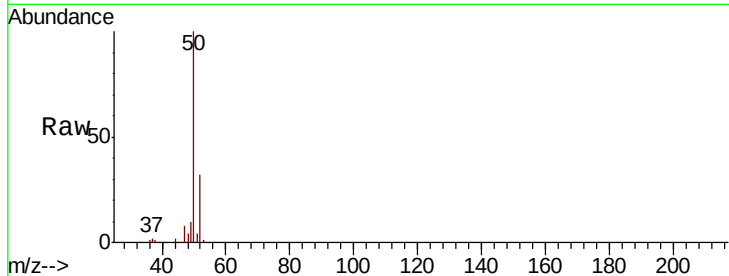
ClientSampleId :

Tot Ion: 50 Resp: 109129

Ion Ratio Lower Upper

50 100

52 32.1 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

80000

60000

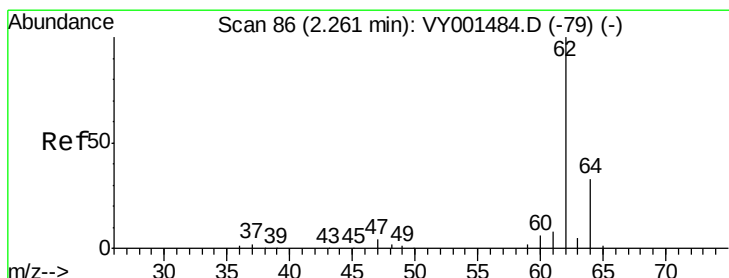
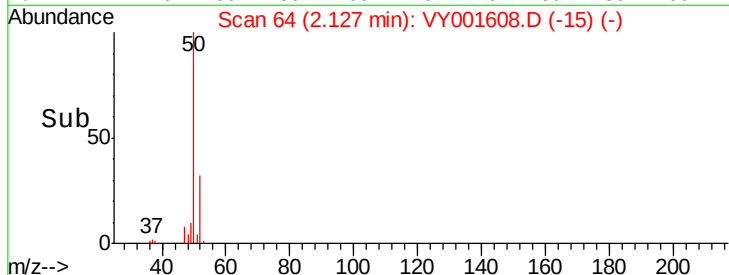
40000

20000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 55.285 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001608.D

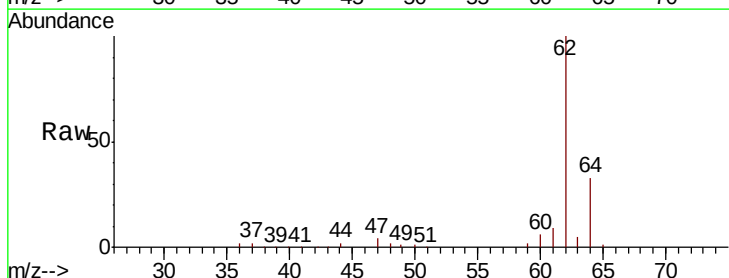
Acq: 12 Feb 2020 11:15

Tgt Ion: 62 Resp: 114431

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

80000

60000

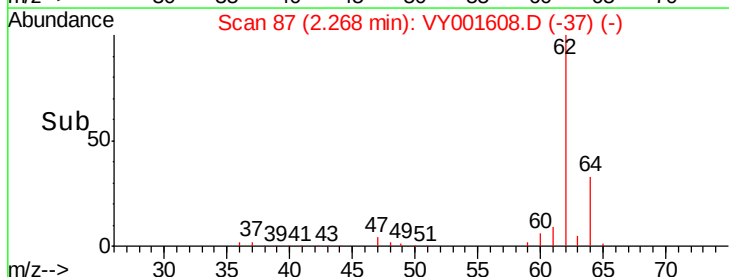
40000

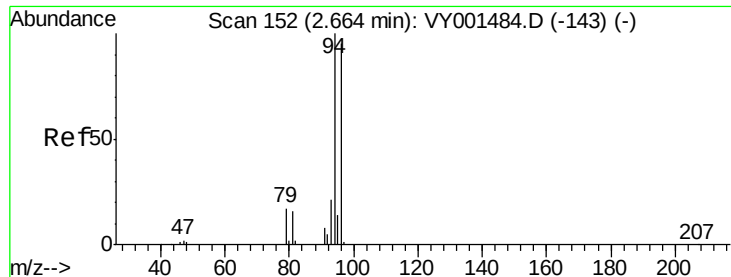
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 56.353 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

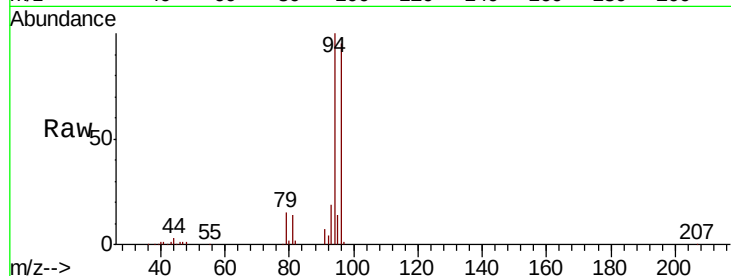
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 73356

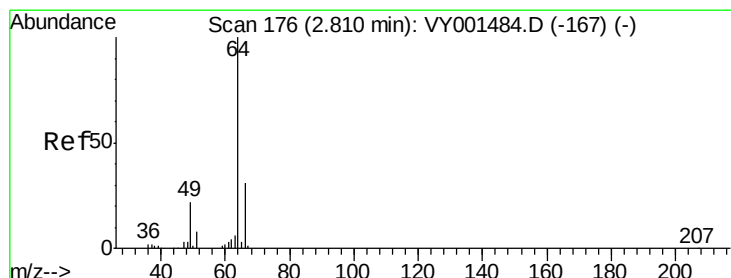
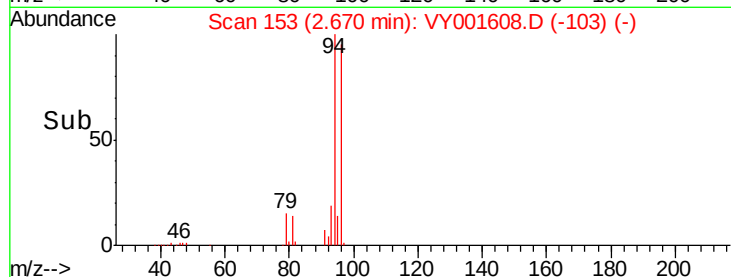
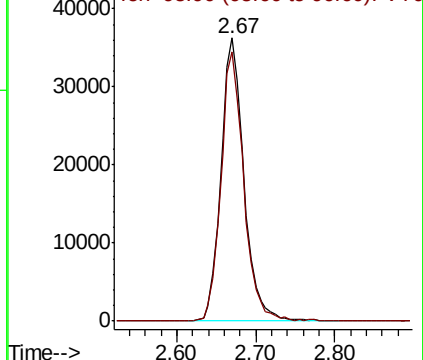
Ion Ratio Lower Upper

94 100

96 95.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 58.000 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001608.D

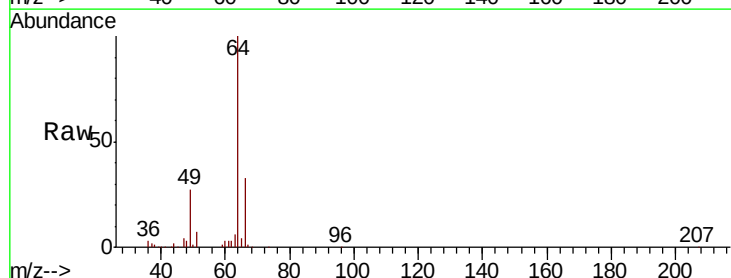
Acq: 12 Feb 2020 11:15

Tgt Ion: 64 Resp: 72363

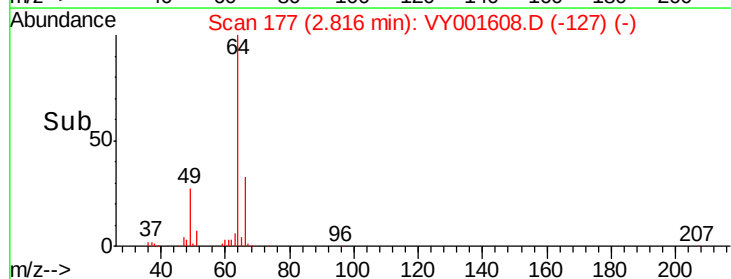
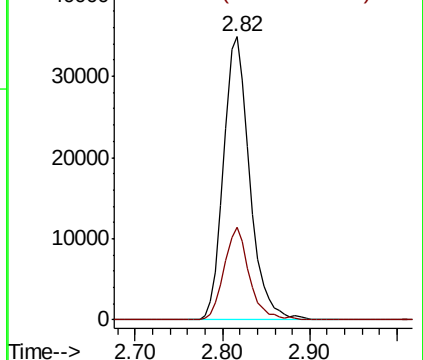
Ion Ratio Lower Upper

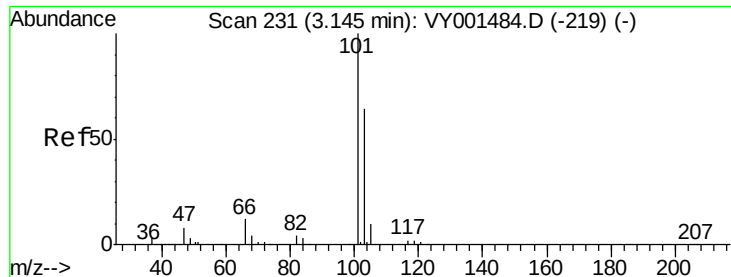
64 100

66 32.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



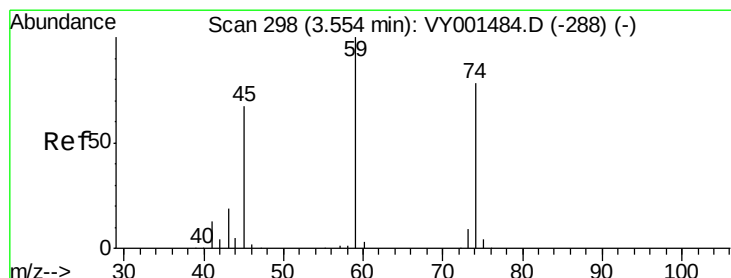
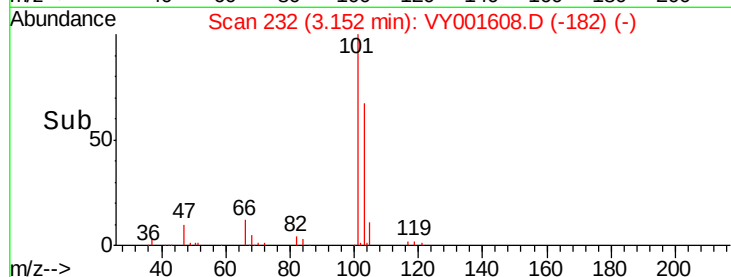
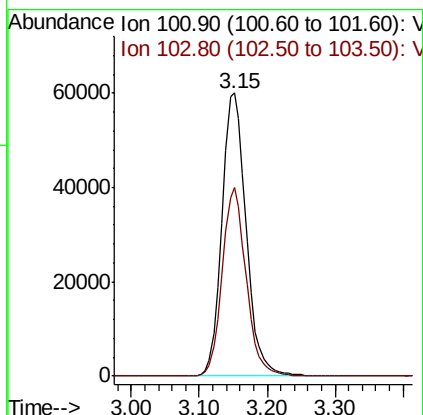
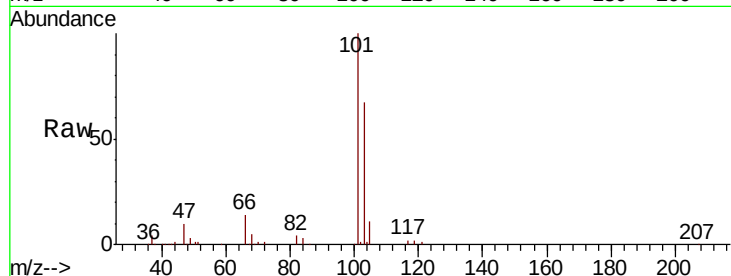


#7

Trichlorofluoromethane
 Concen: 43.322 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :

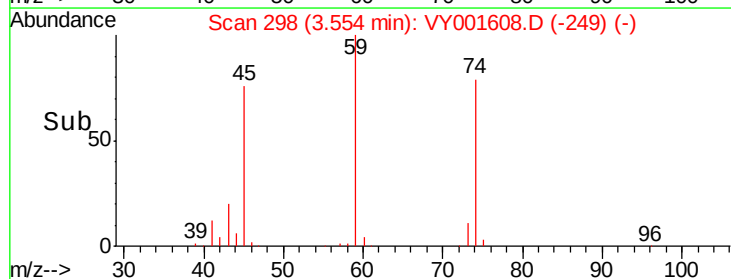
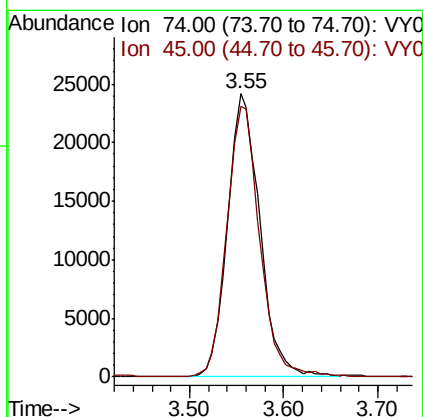
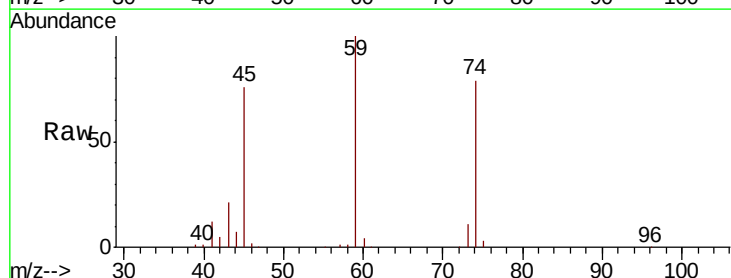
Tot Ion:101 Resp: 148425
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.9 76.3

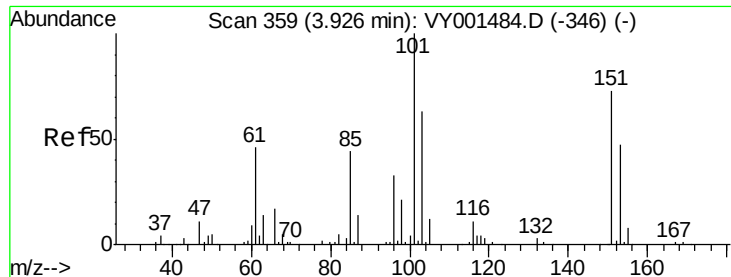


#8

Diethyl Ether
 Concen: 49.969 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion: 74 Resp: 57772
 Ion Ratio Lower Upper
 74 100
 45 97.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.217 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

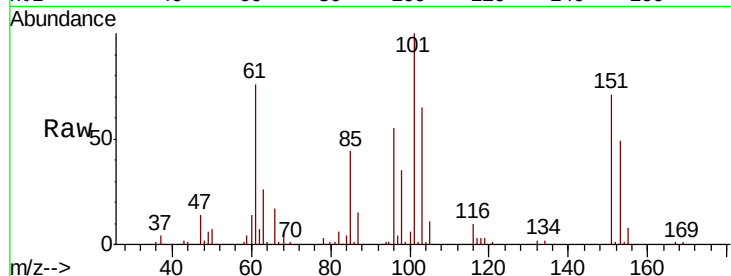
Tot Ion:101 Resp: 95274

Ion Ratio Lower Upper

101 100

85 43.9 34.6 51.8

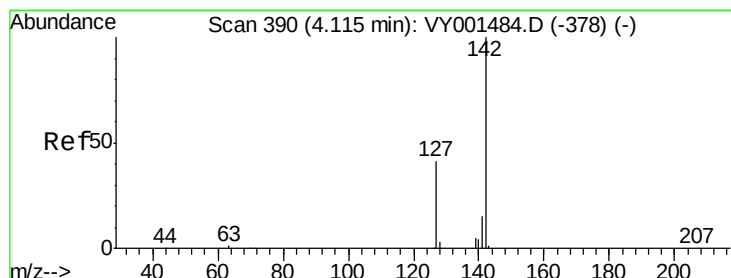
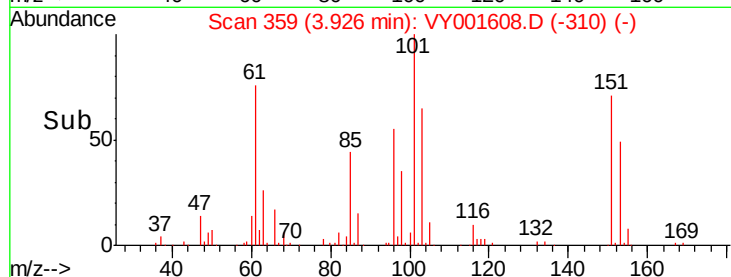
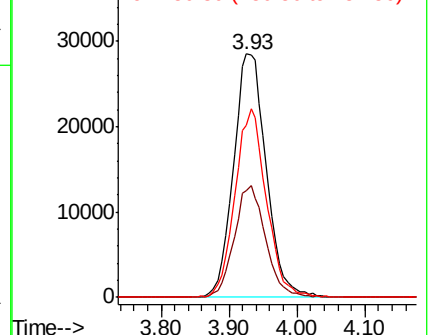
151 74.3 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.872 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

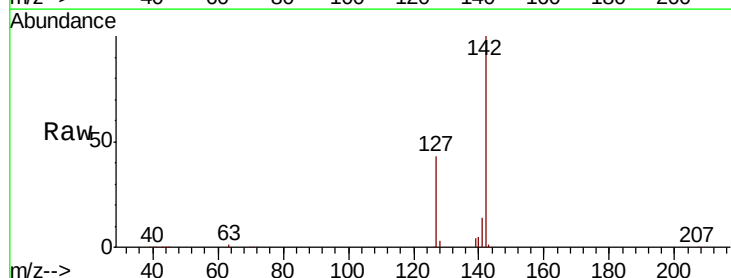
Tgt Ion:142 Resp: 120491

Ion Ratio Lower Upper

142 100

127 40.7 33.3 49.9

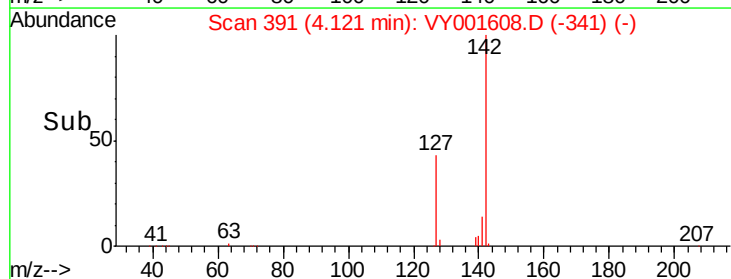
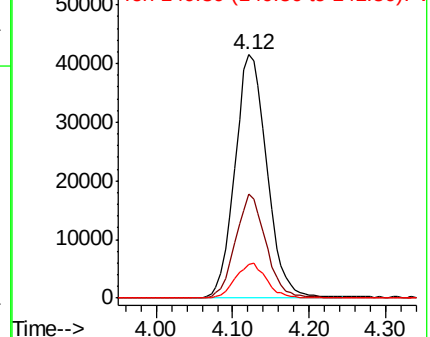
141 13.8 11.5 17.3

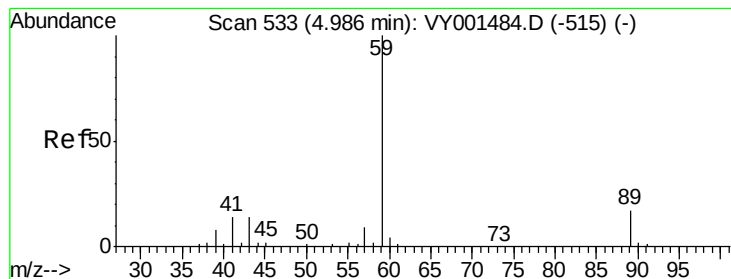


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



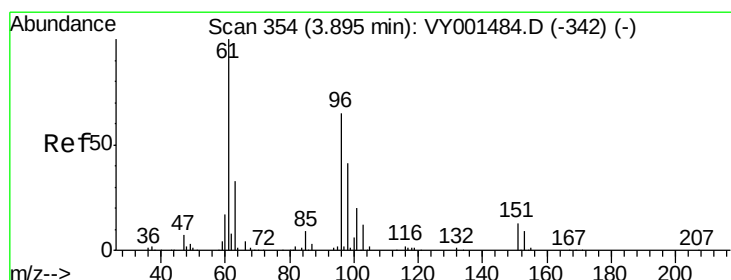
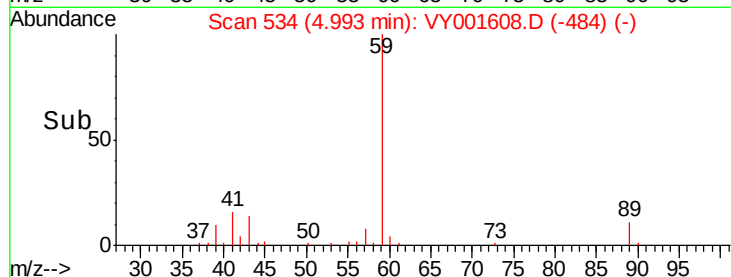
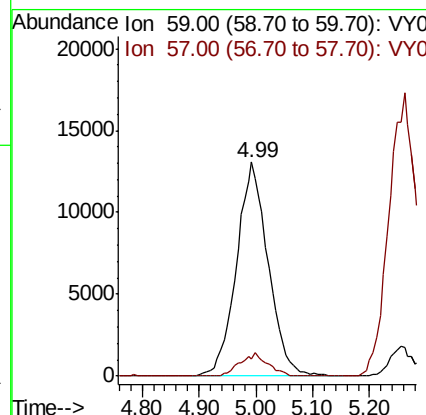
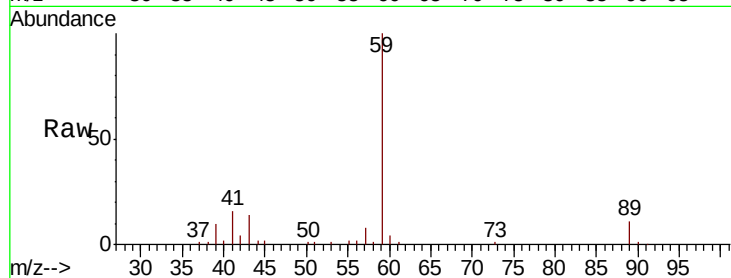


#11

Tert butyl alcohol
Concen: 227.113 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

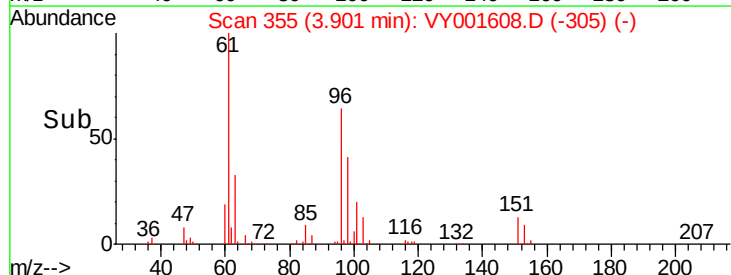
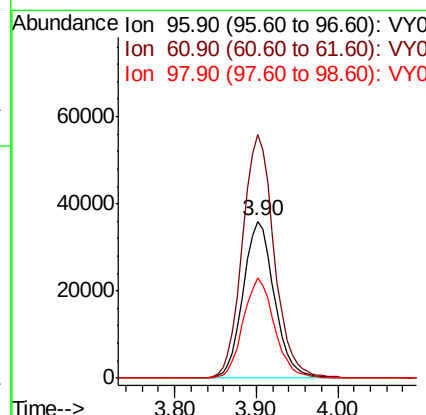
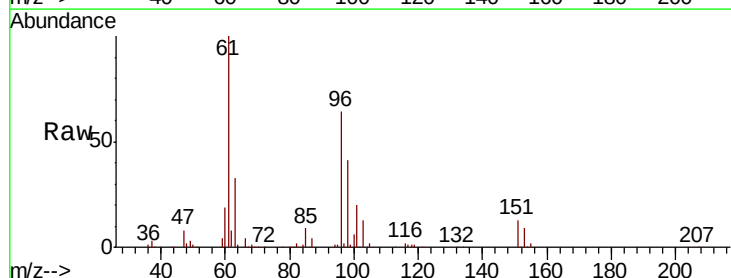
Tot Ion: 59 Resp: 50785
Ion Ratio Lower Upper
59 100
57 9.3 7.0 10.6

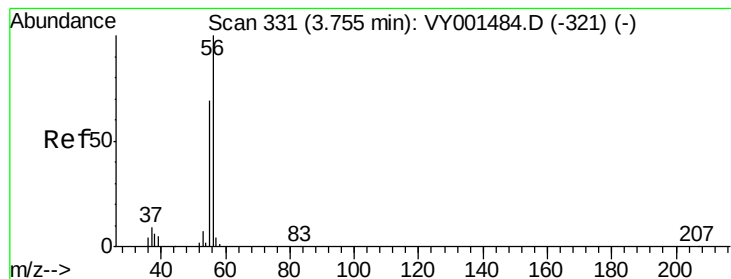


#12

1,1-Dichloroethene
Concen: 46.816 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 96 Resp: 95901
Ion Ratio Lower Upper
96 100
61 155.3 122.3 183.5
98 63.9 49.7 74.5





#13

Acrolein

Concen: 253.505 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

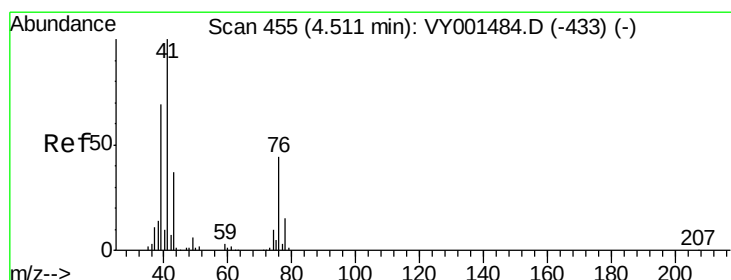
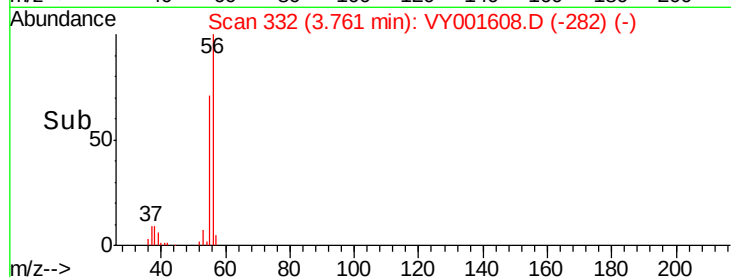
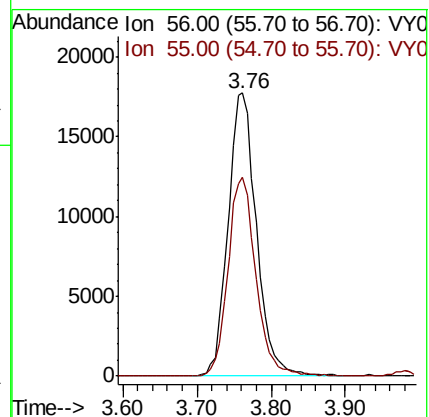
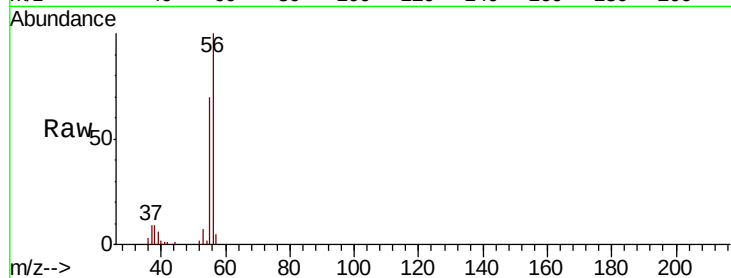
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 47090

Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.4



#14

Allyl chloride

Concen: 53.918 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

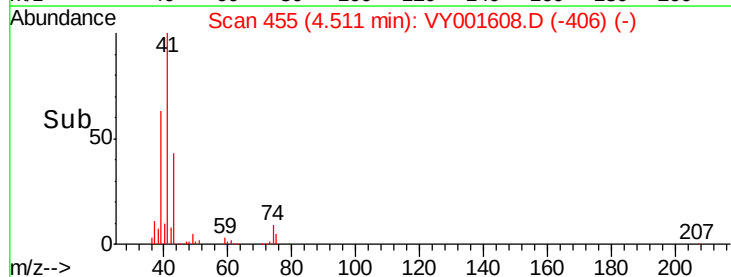
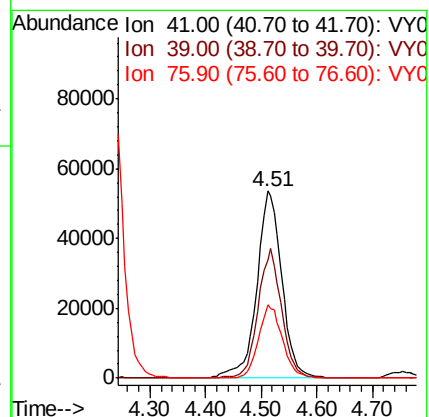
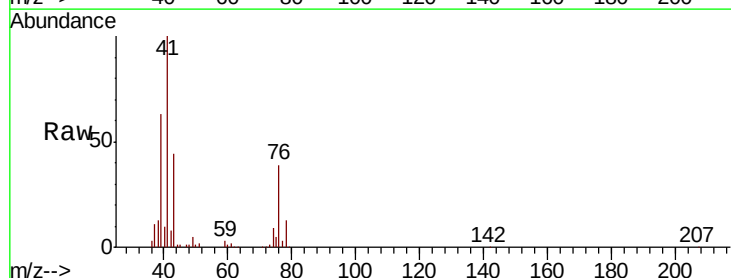
Tgt Ion: 41 Resp: 168963

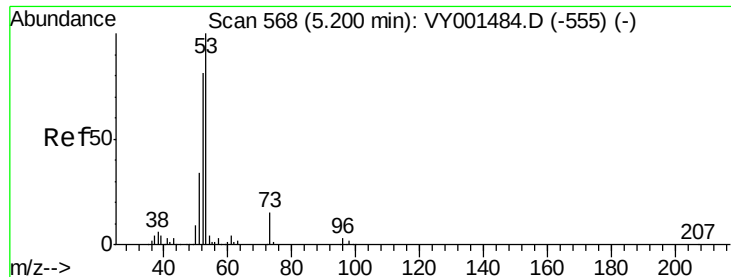
Ion Ratio Lower Upper

41 100

39 65.1 53.0 79.6

76 37.1 32.6 48.8





#15

Acrylonitrile

Concen: 287.599 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

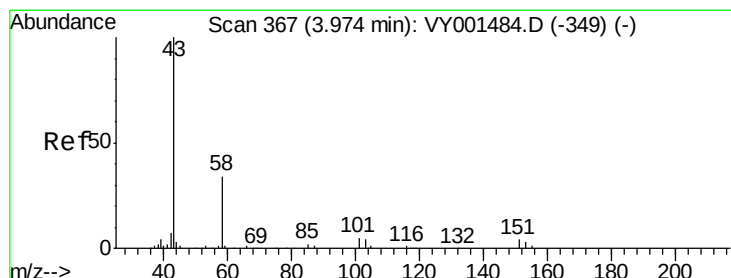
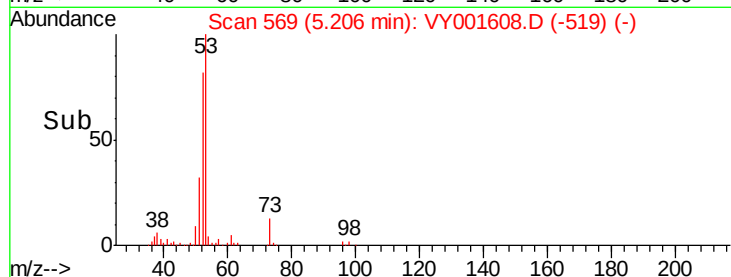
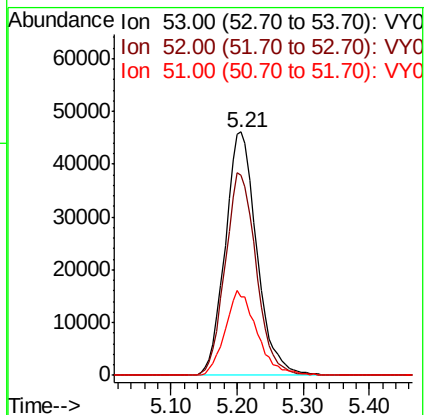
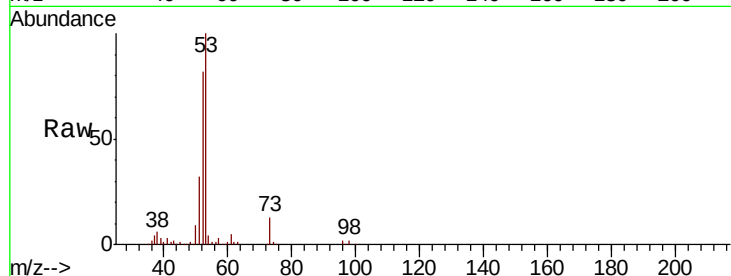
Tot Ion: 53 Resp: 152433

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

51 35.1 29.0 43.4



#16

Acetone

Concen: 294.398 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001608.D

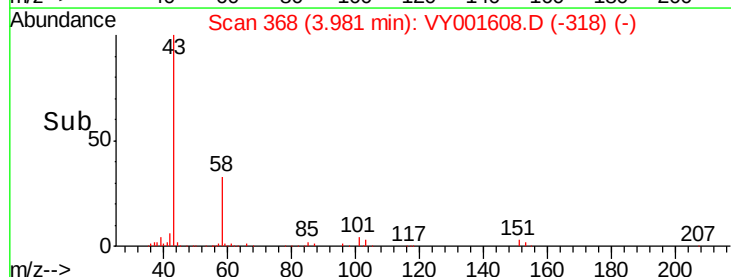
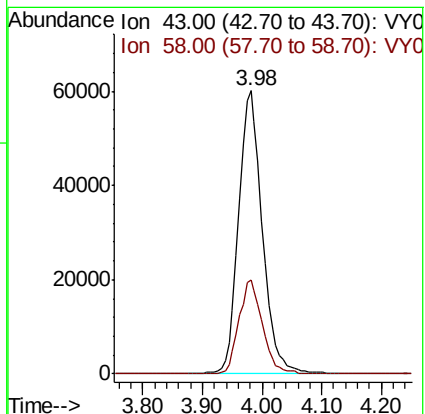
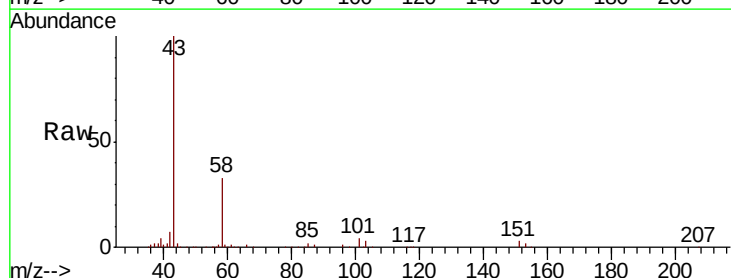
Acq: 12 Feb 2020 11:15

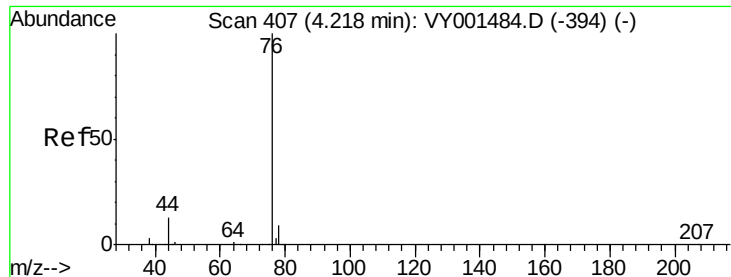
Tgt Ion: 43 Resp: 167059

Ion Ratio Lower Upper

43 100

58 33.1 27.5 41.3





#17

Carbon Disulfide

Concen: 46.739 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

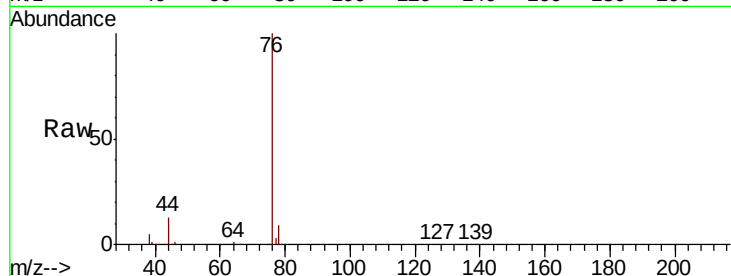
ClientSampleId :

Tot Ion: 76 Resp: 304793

Ion Ratio Lower Upper

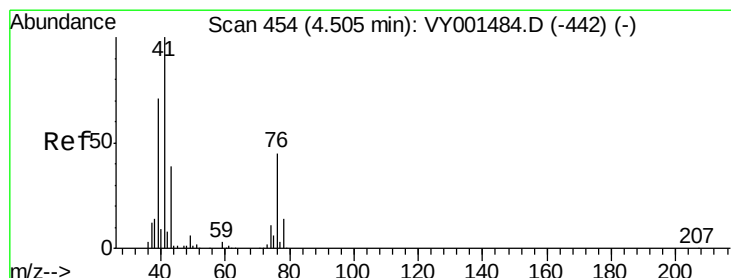
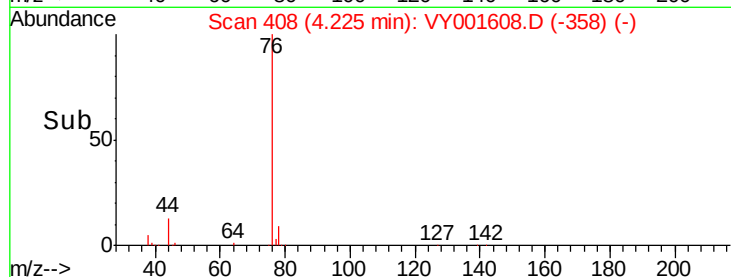
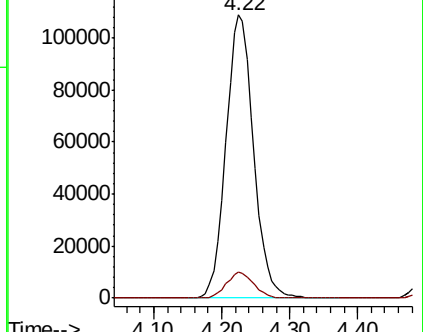
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY001608.D (-358) (-)

Ion 77.90 (77.60 to 78.60): VY001608.D (-358) (-)



#18

Methyl Acetate

Concen: 56.692 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY001608.D

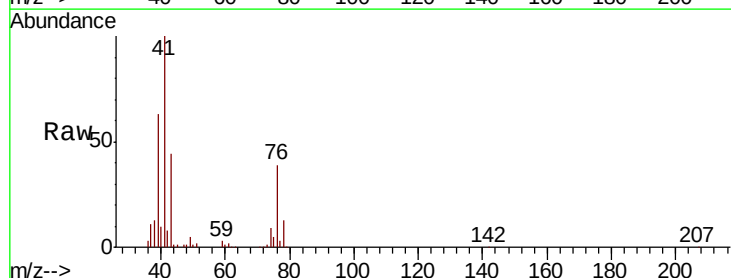
Acq: 12 Feb 2020 11:15

Tgt Ion: 43 Resp: 68651

Ion Ratio Lower Upper

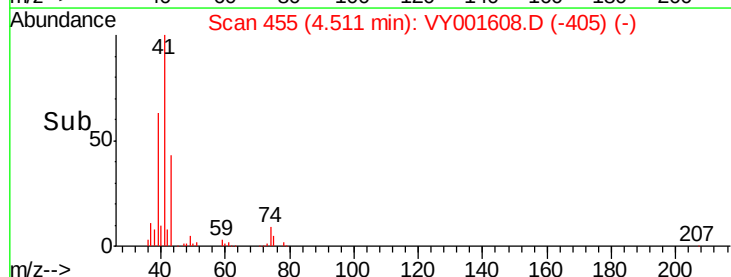
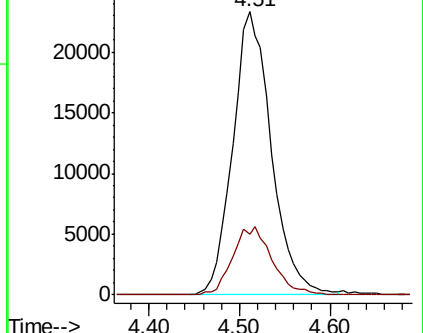
43 100

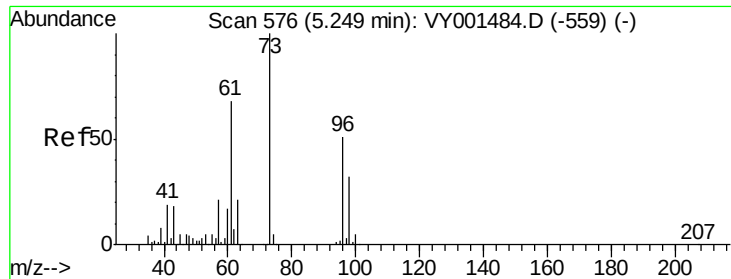
74 24.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY001608.D (-405) (-)

Ion 74.00 (73.70 to 74.70): VY001608.D (-405) (-)

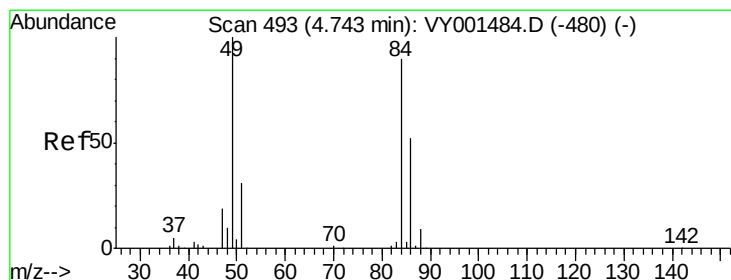
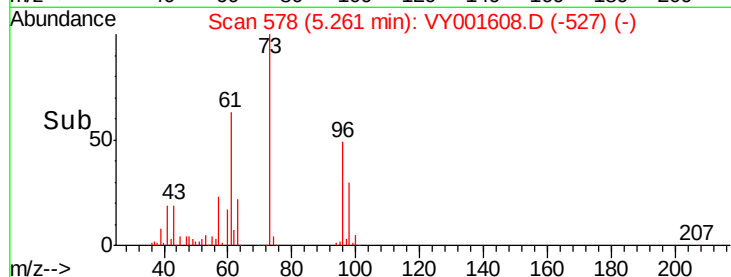
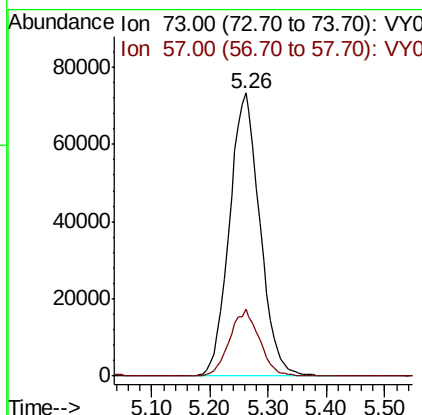
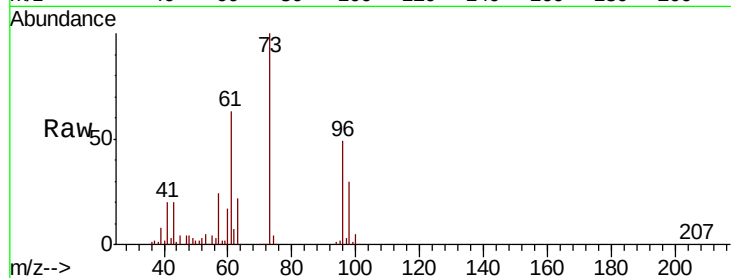




#19
Methyl tert-butyl Ether
Concen: 48.726 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

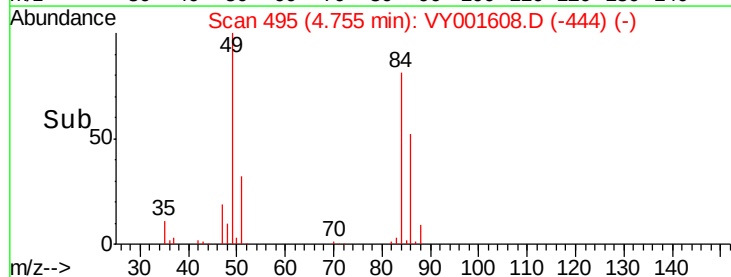
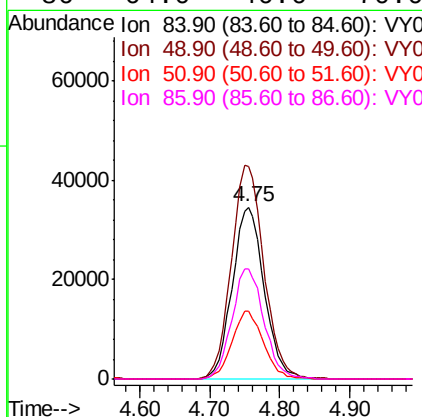
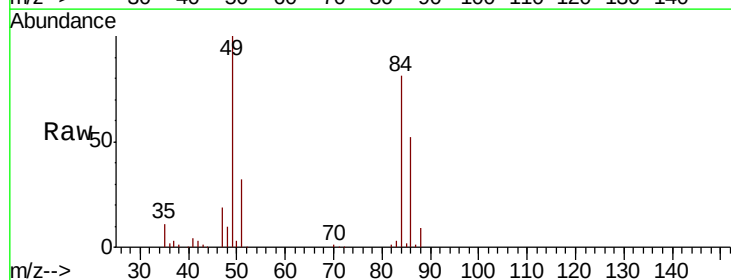
Instrument :
MSVOA_Y
ClientSampleId :

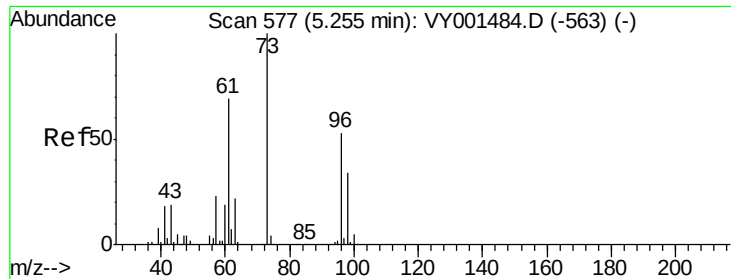
Tot Ion: 73 Resp: 265446
Ion Ratio Lower Upper
73 100
57 23.6 17.0 25.6



#20
Methylene Chloride
Concen: 49.240 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 84 Resp: 109567
Ion Ratio Lower Upper
84 100
49 123.9 89.0 133.6
51 39.4 27.4 41.2
86 64.0 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 48.298 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

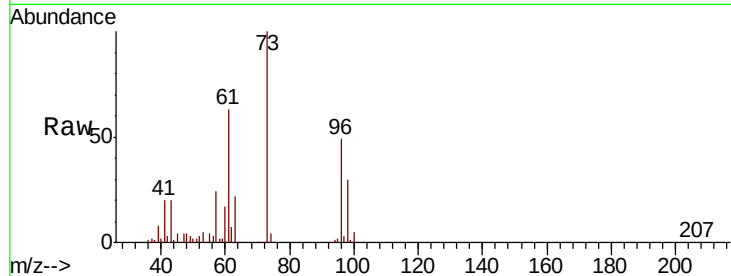
Tot Ion: 96 Resp: 109988

Ion Ratio Lower Upper

96 100

61 128.3 104.2 156.4

98 60.9 51.4 77.0

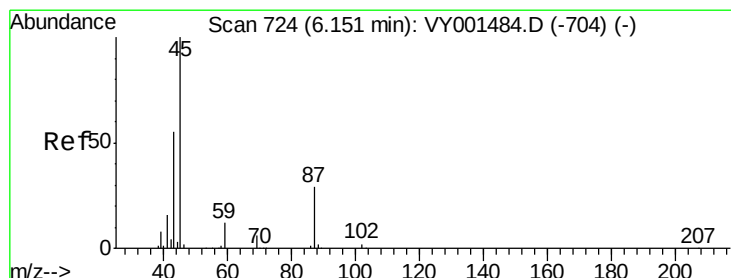
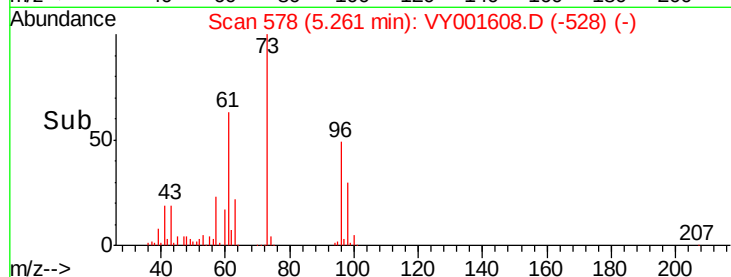
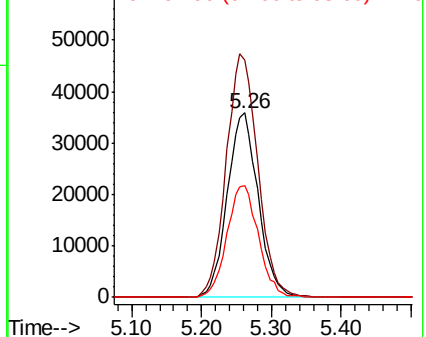


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 57.203 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Tgt Ion: 45 Resp: 355144

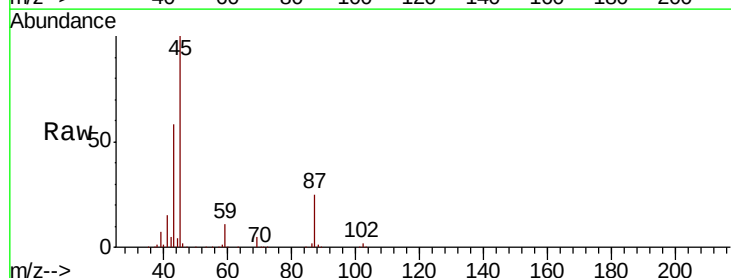
Ion Ratio Lower Upper

45 100

43 57.9 44.2 66.4

87 24.7 23.9 35.9

59 10.6 10.2 15.2



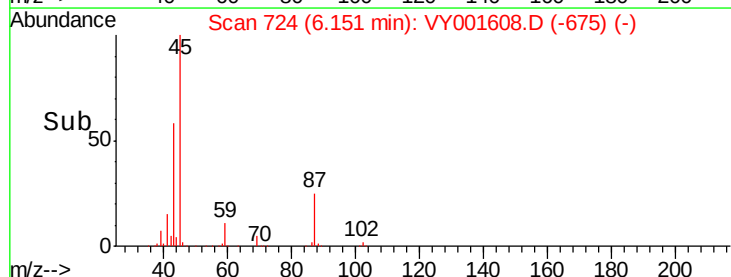
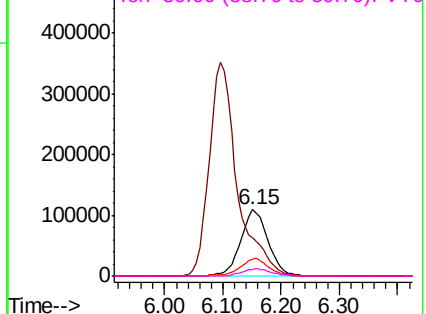
Abundance

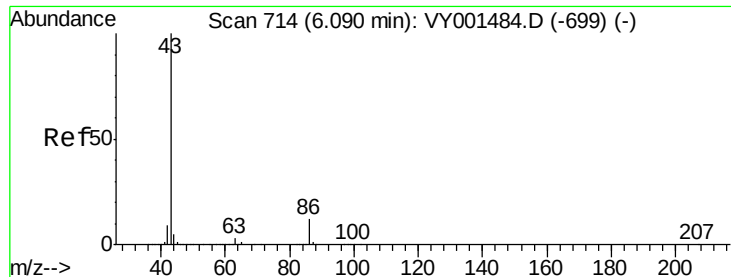
Ion 45.00 (44.70 to 45.70): VY0

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: 297.069 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

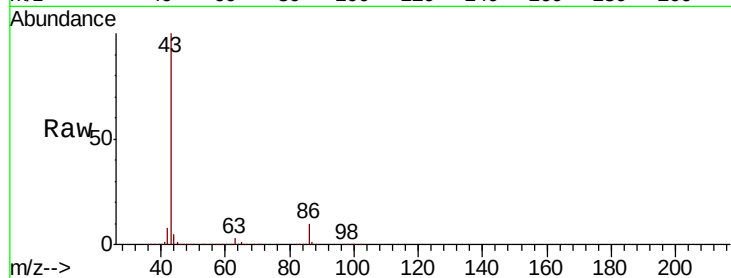
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1174109

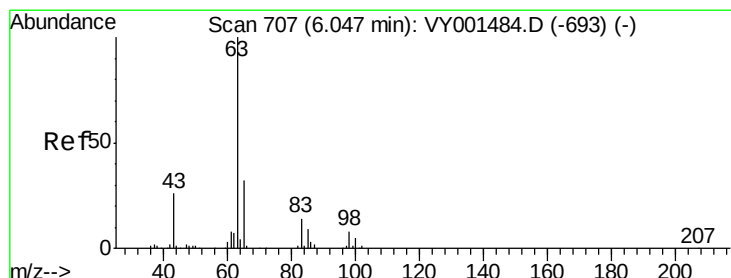
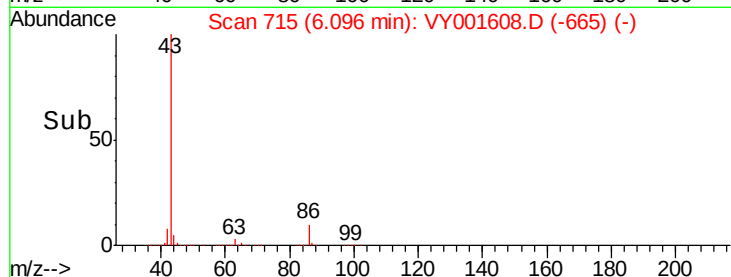
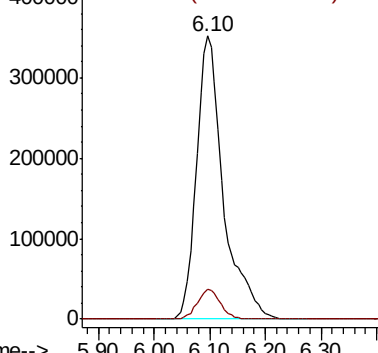
Ion Ratio Lower Upper

43 100

86 10.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.681 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

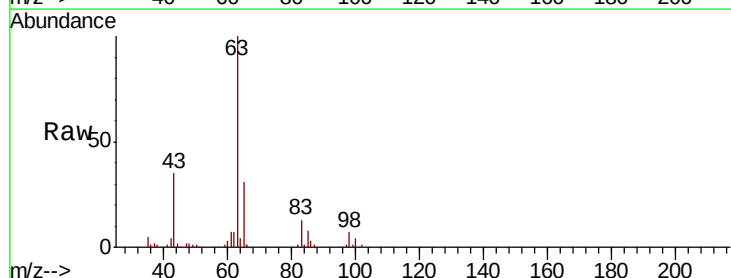
Tgt Ion: 63 Resp: 189264

Ion Ratio Lower Upper

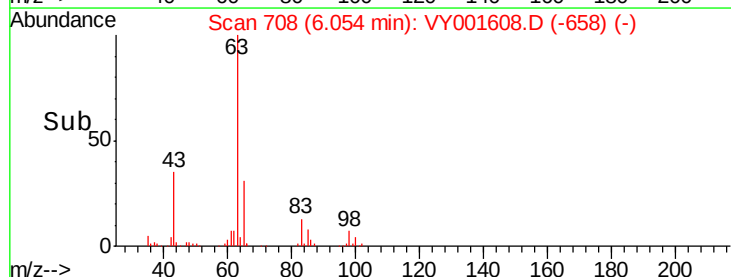
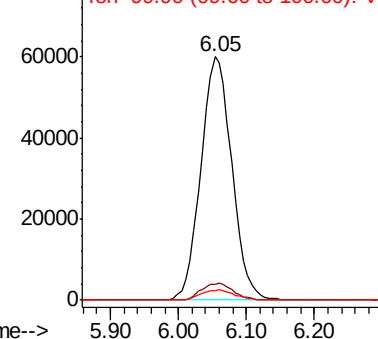
63 100

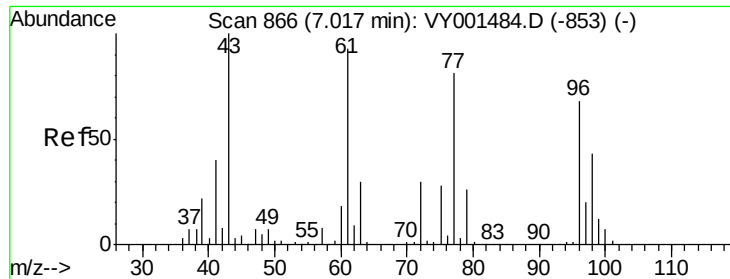
98 6.6 4.0 11.9

100 4.1 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

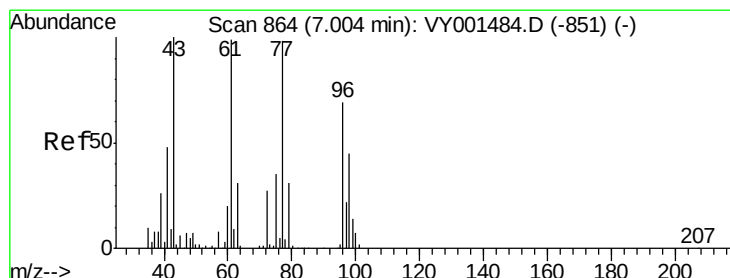
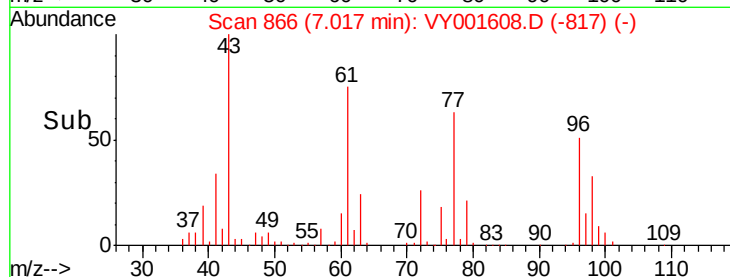
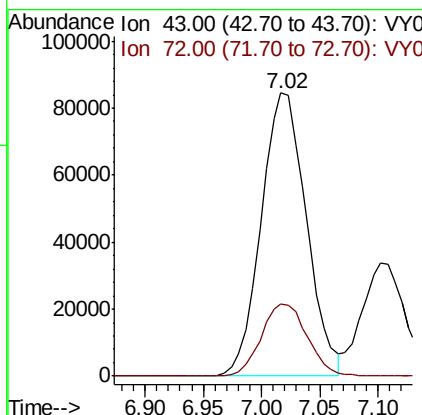
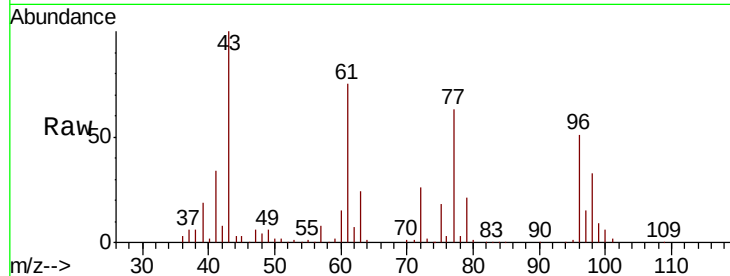




#25
2-Butanone
Concen: 308.481 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

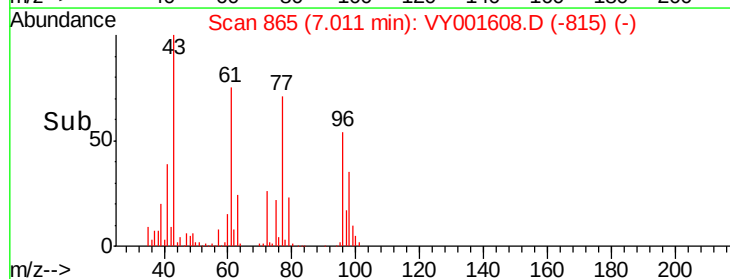
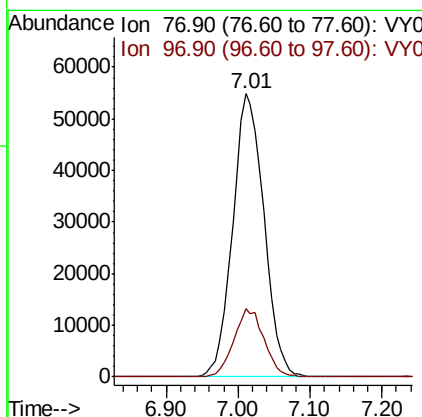
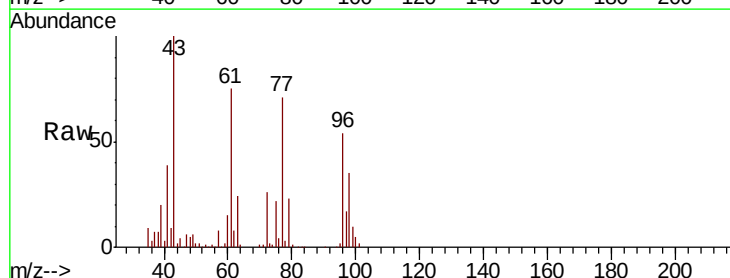
Instrument :
MSVOA_Y
ClientSampled :

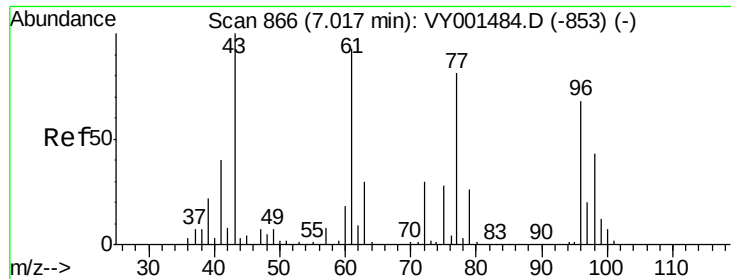
Tot Ion: 43 Resp: 227101
Ion Ratio Lower Upper
43 100
72 25.5 23.8 35.8



#26
2,2-Dichloropropane
Concen: 46.209 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 77 Resp: 165155
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0



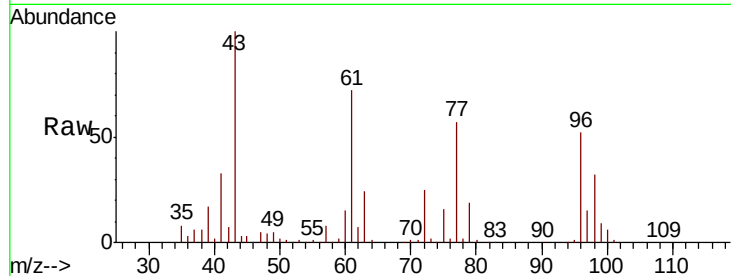


#27

cis-1,2-Dichloroethene
Concen: 48.636 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	120972
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	278.8
98	63.7	0.0	128.8

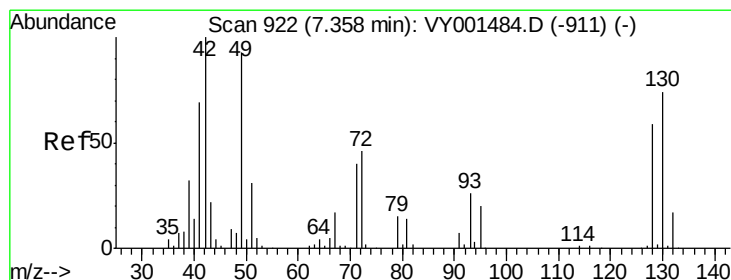
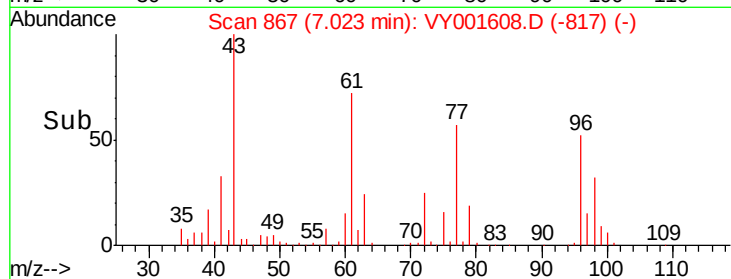
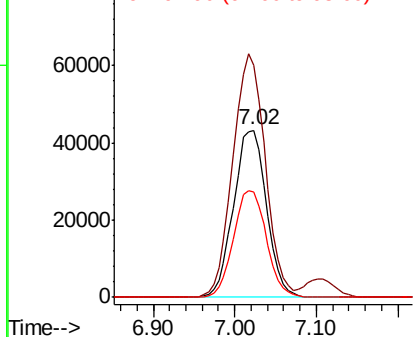


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

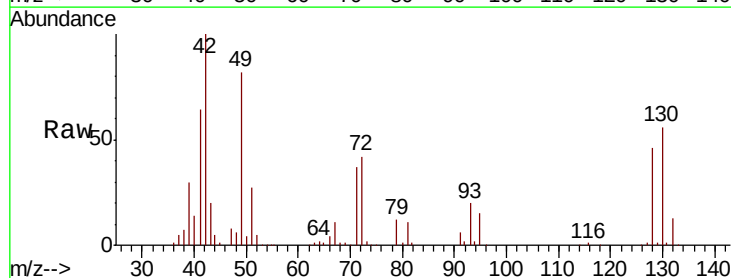
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 66.585 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion	49	Resp	84708
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	71.0	65.4	98.2

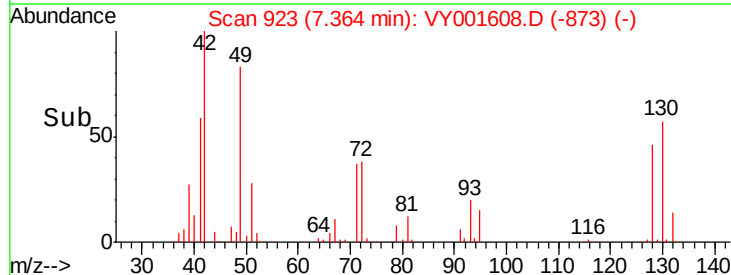
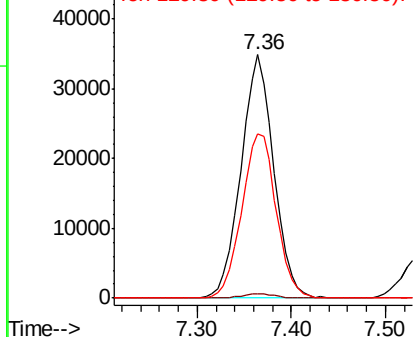


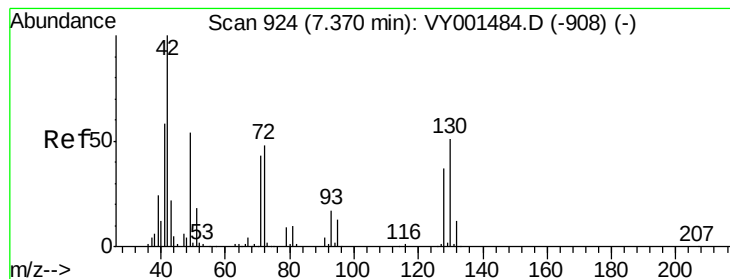
Abundance

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: 307.621 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

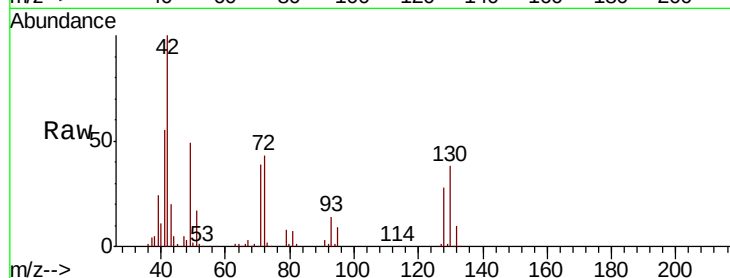
Tot Ion: 42 Resp: 135738

Ion Ratio Lower Upper

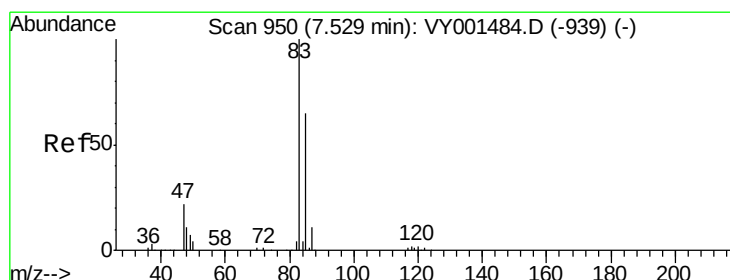
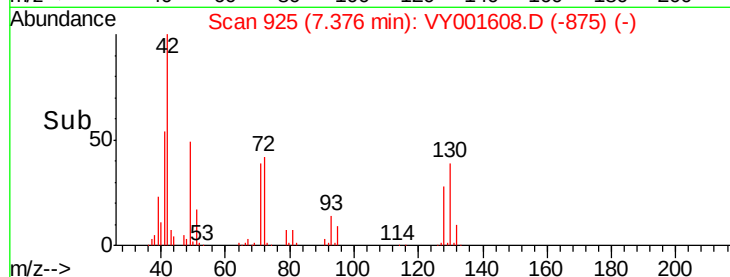
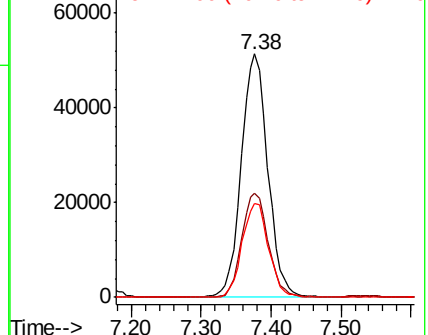
42 100

72 42.5 37.8 56.6

71 38.4 34.8 52.2



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



#30

Chloroform

Concen: 48.068 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY001608.D

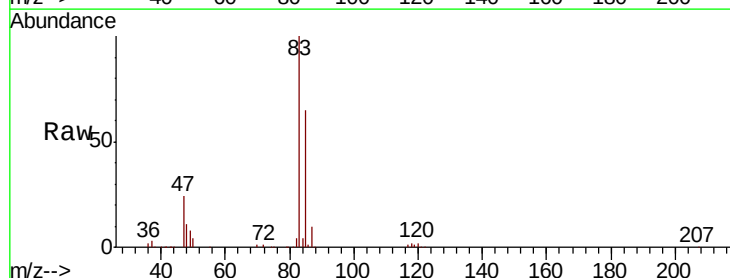
Acq: 12 Feb 2020 11:15

Tgt Ion: 83 Resp: 181825

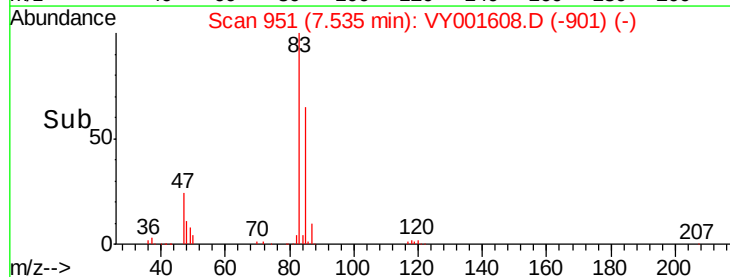
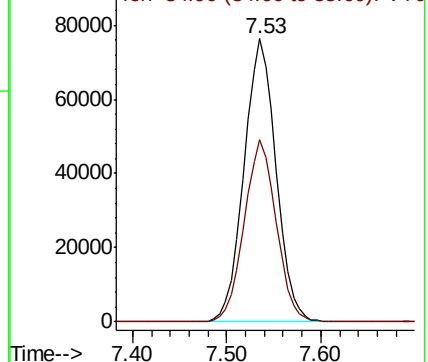
Ion Ratio Lower Upper

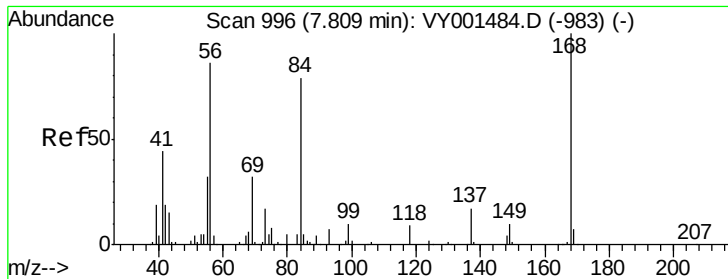
83 100

85 64.6 52.4 78.6



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

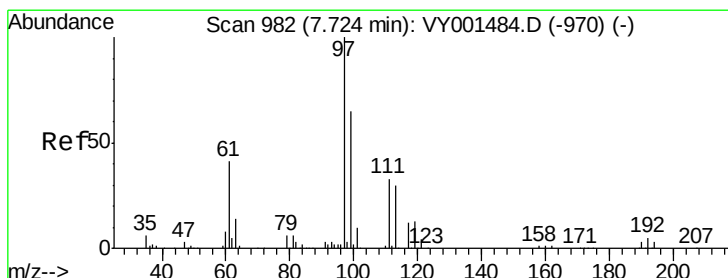
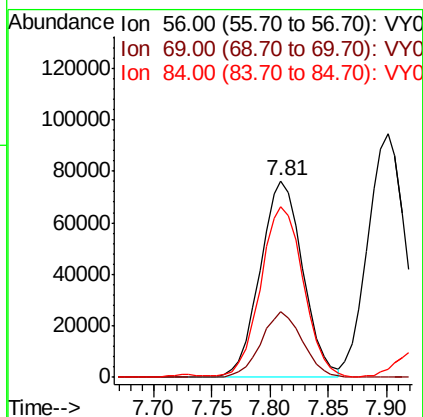
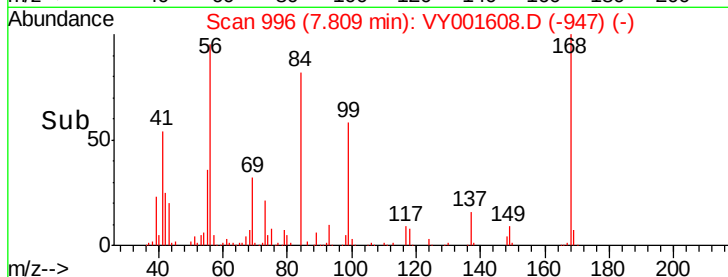
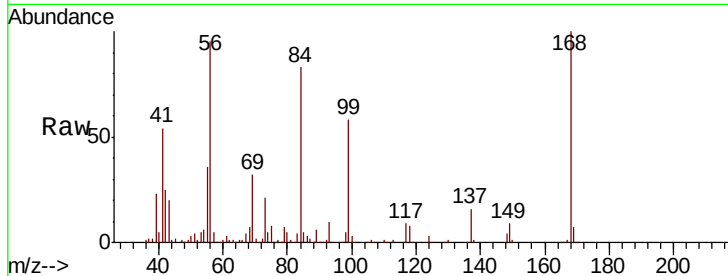




#31
Cyclohexane
Concen: 50.506 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

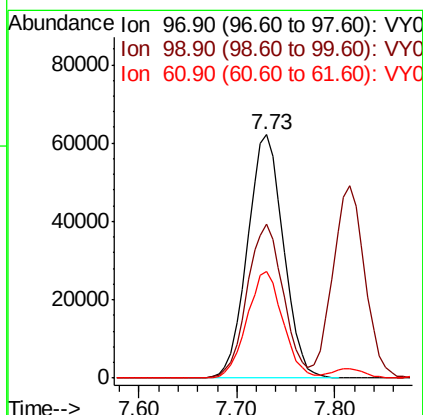
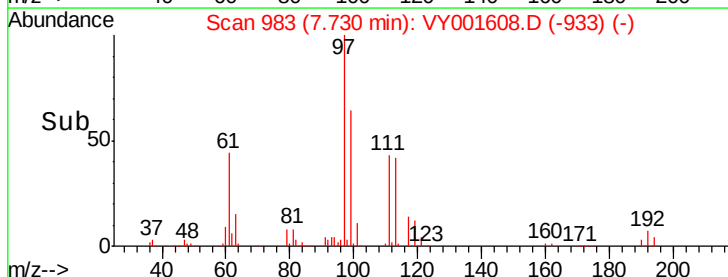
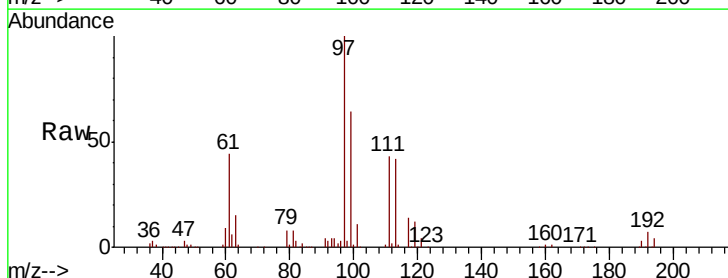
Instrument :
MSVOA_Y
ClientSampled :

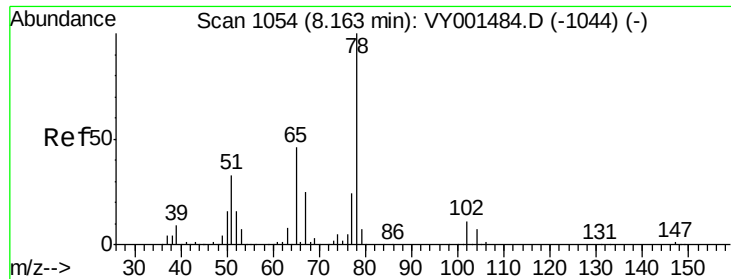
Tot Ion: 56 Resp: 192934
Ion Ratio Lower Upper
56 100
69 33.3 29.6 44.4
84 85.8 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 46.174 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 97 Resp: 158359
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 43.6 32.5 48.7

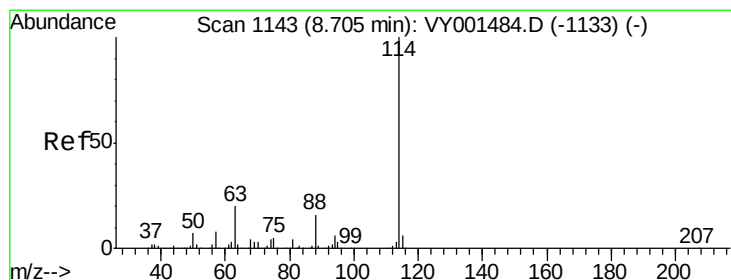
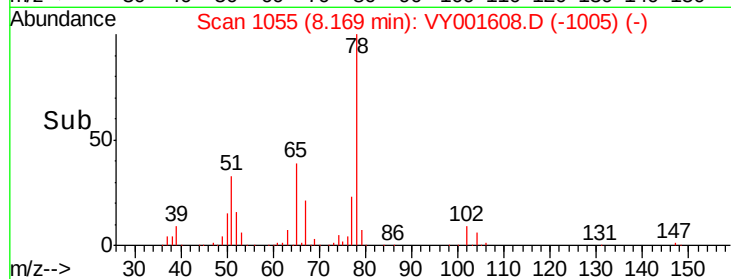
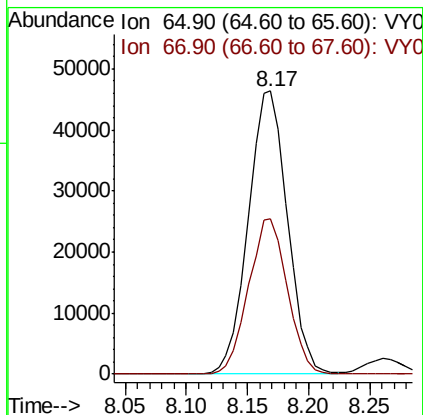
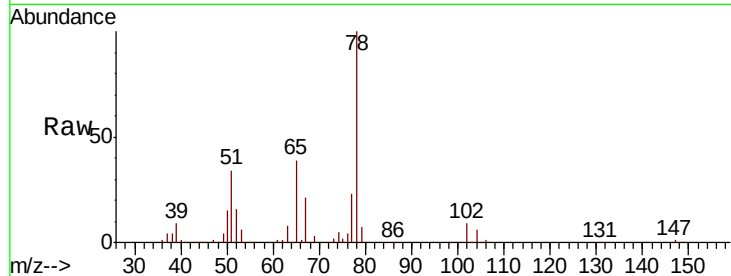




#33
 1,2-Dichloroethane-d4
 Concen: 52.645 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

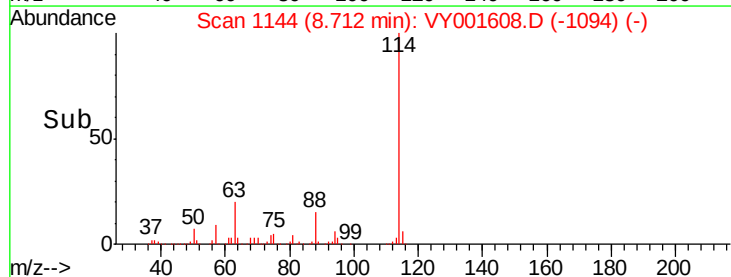
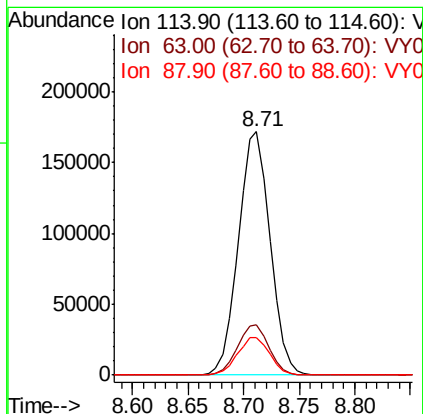
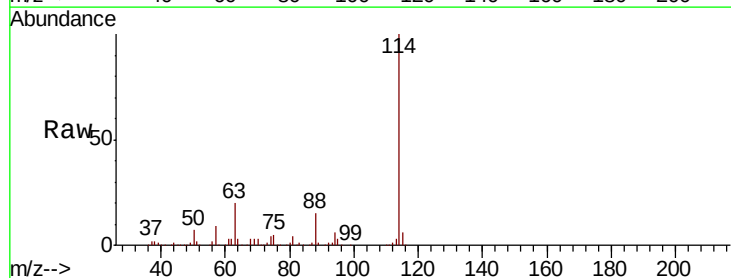
Instrument :
 MSVOA_Y
 ClientSampled :

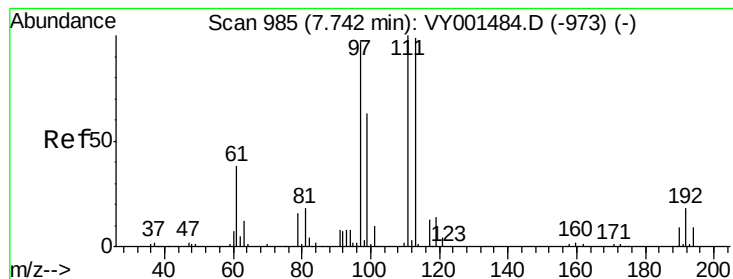
Tot Ion: 65 Resp: 103277
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion: 114 Resp: 339109
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.094 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampled :

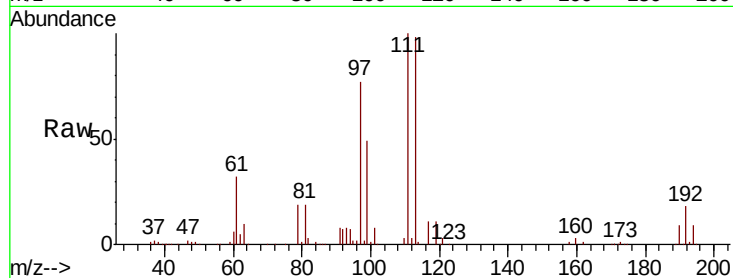
Tot Ion:113 Resp: 97957

Ion Ratio Lower Upper

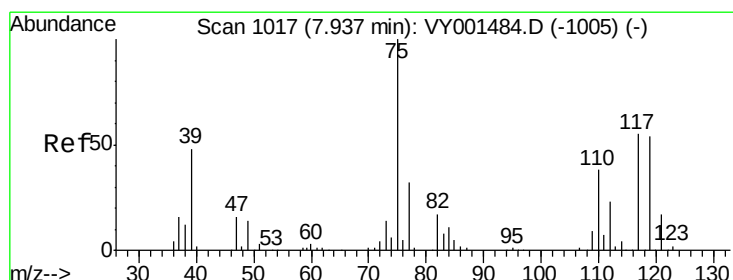
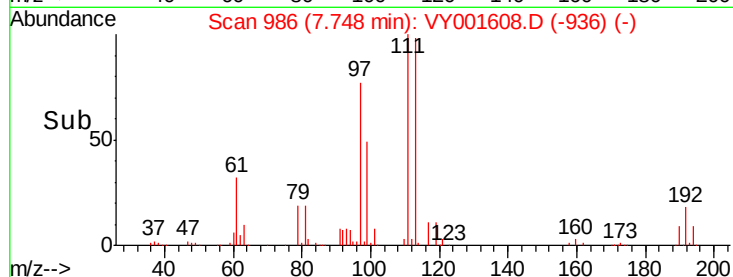
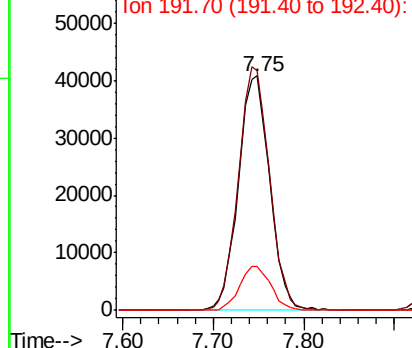
113 100

111 102.8 82.9 124.3

192 18.7 14.6 22.0



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: 49.309 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

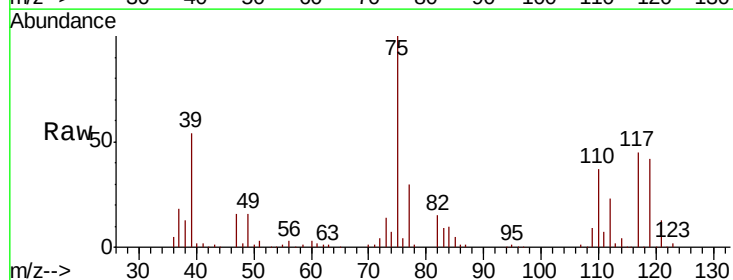
Tgt Ion: 75 Resp: 152968

Ion Ratio Lower Upper

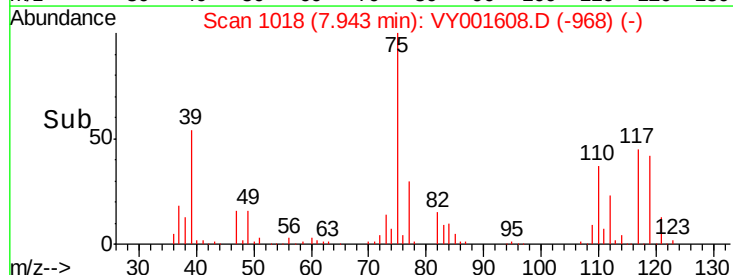
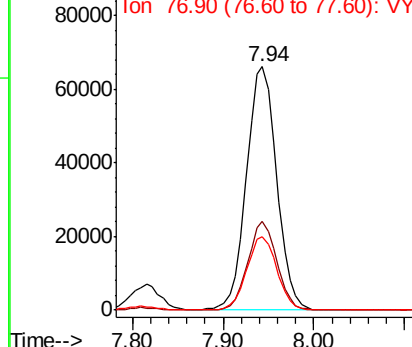
75 100

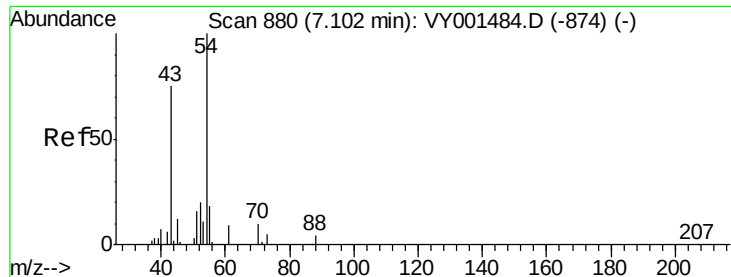
110 34.8 18.2 54.6

77 30.4 25.0 37.4



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

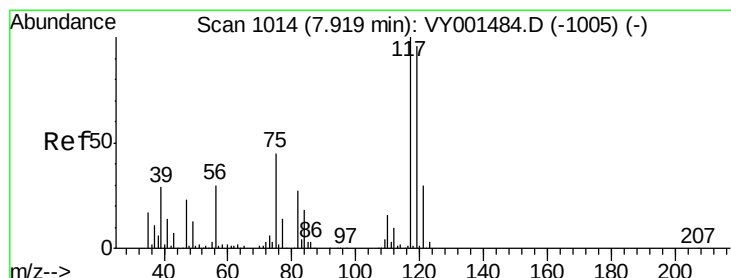
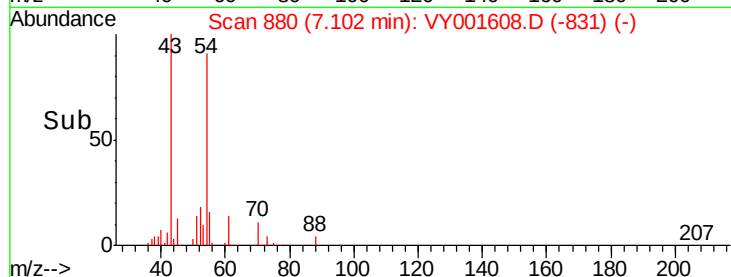
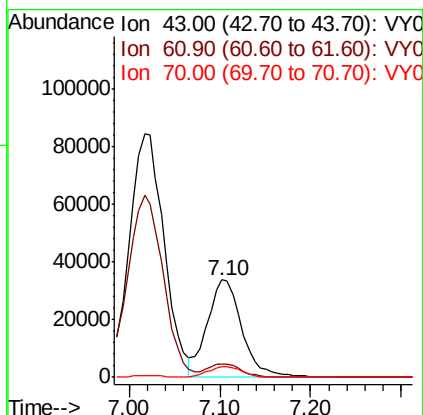
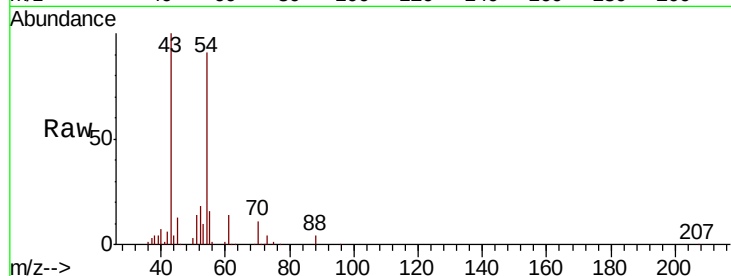




#37
Ethyl Acetate
Concen: 59.862 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

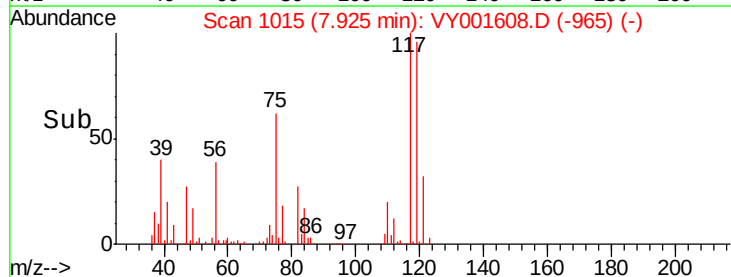
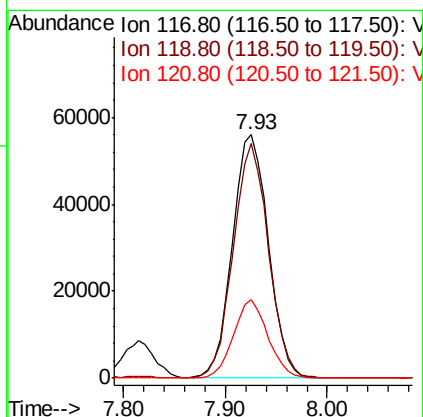
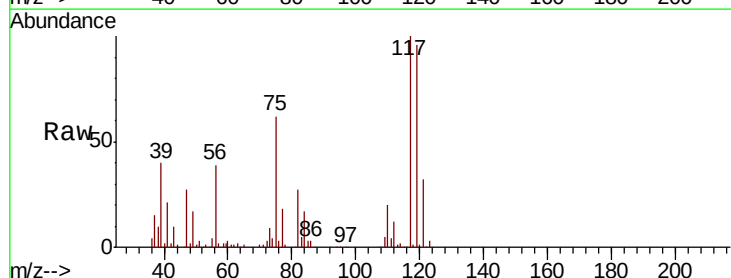
Instrument :
MSVOA_Y
ClientSampled :

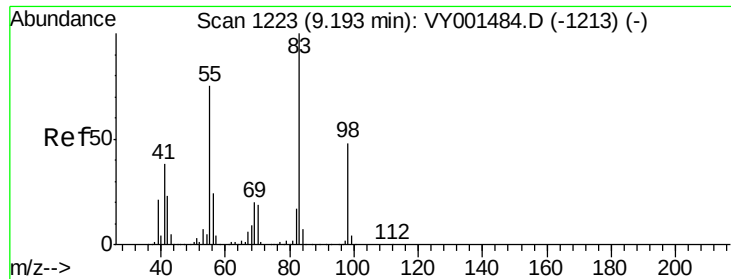
Tot Ion: 43 Resp: 89899
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 10.9 10.2 15.4



#38
Carbon Tetrachloride
Concen: 45.673 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 117 Resp: 137082
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 32.2 24.2 36.4

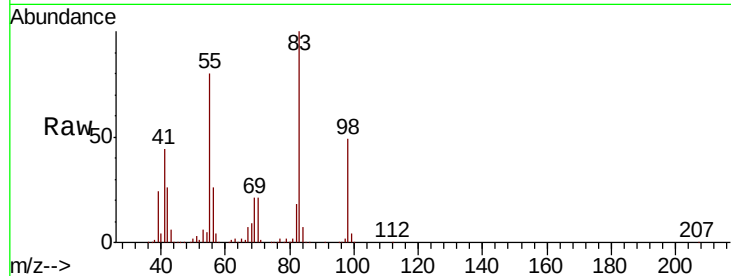




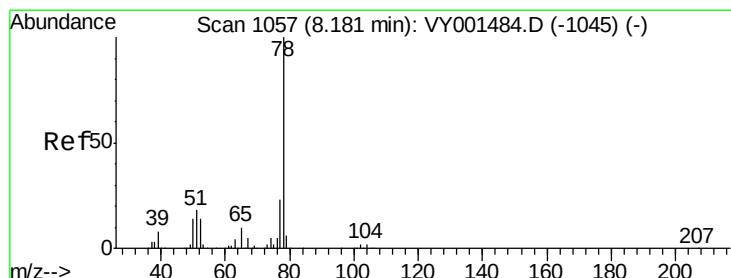
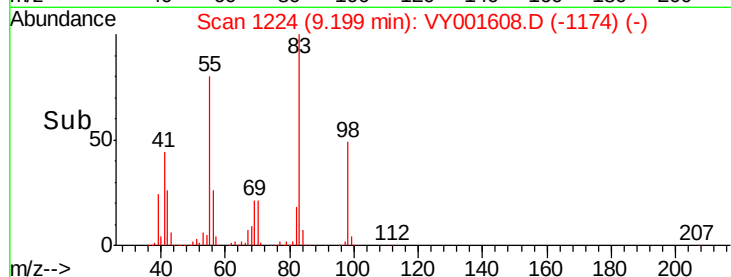
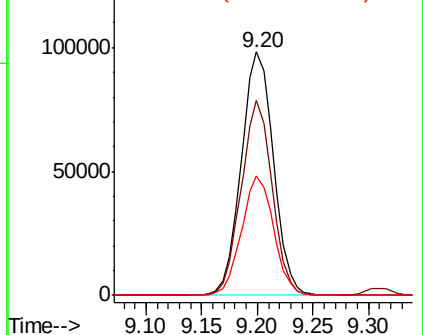
#39
Methylvlcyclohexane
Concen: 48.465 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	59.8	89.6
98	48.8	38.6	57.8

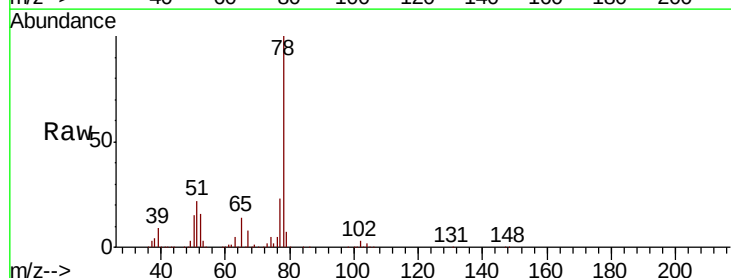


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

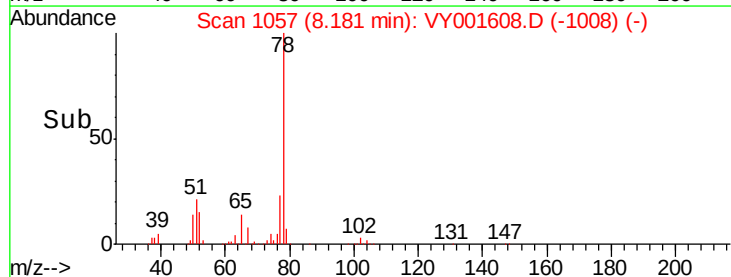
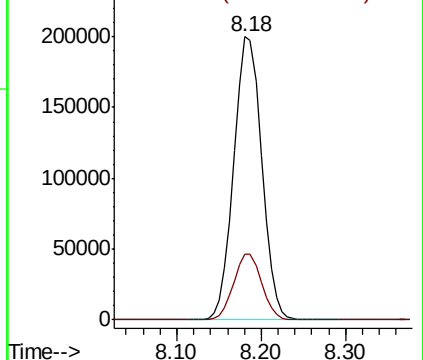


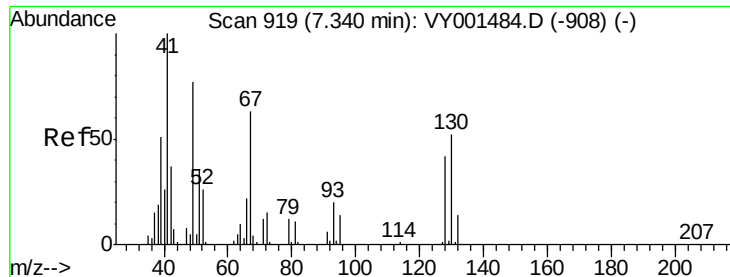
#40
Benzene
Concen: 50.654 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.5	27.7



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

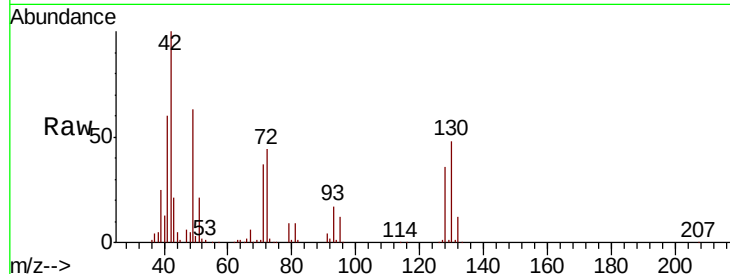




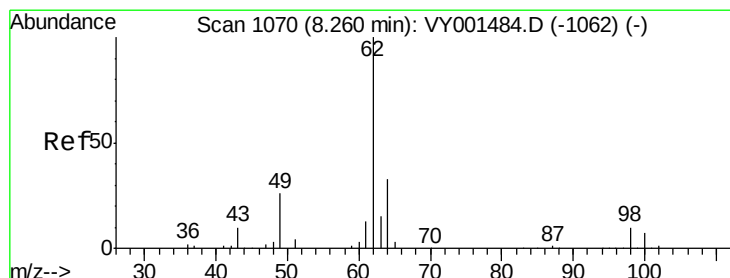
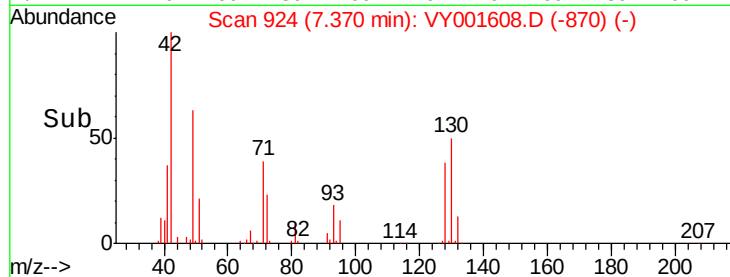
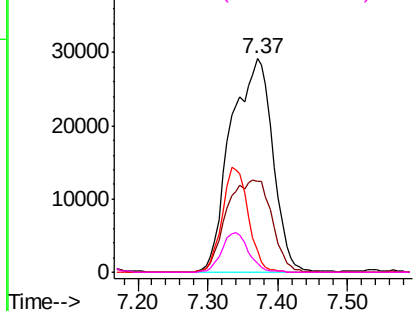
#41
Methacrylonitrile
Concen: 174.987 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 121794
Ion Ratio Lower Upper
41 100
39 46.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

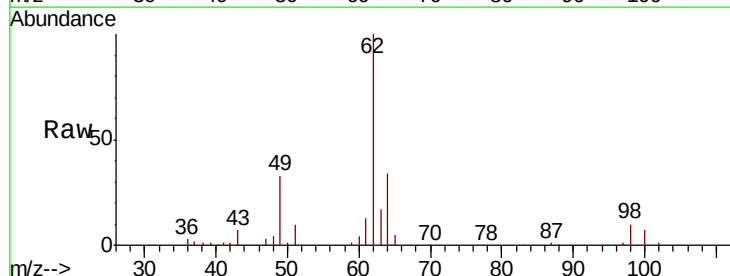


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

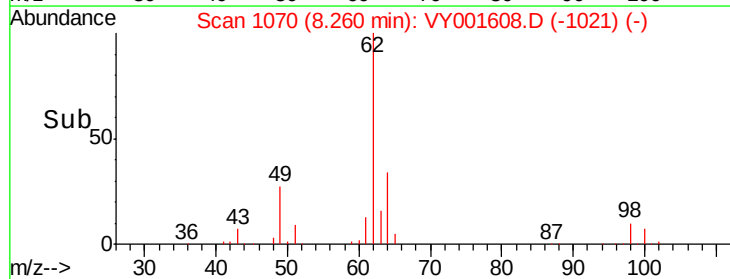
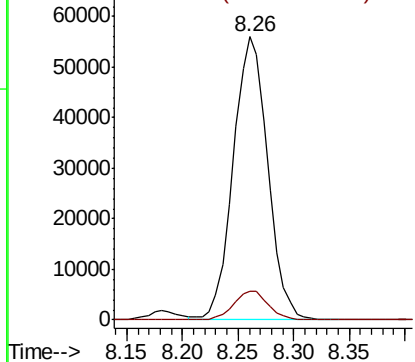


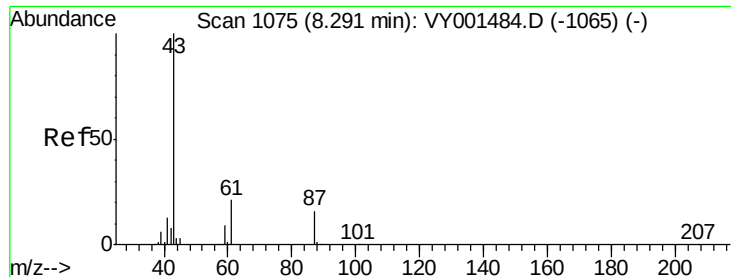
#42
1,2-Dichloroethane
Concen: 48.815 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 62 Resp: 120337
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 59.128 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampled :

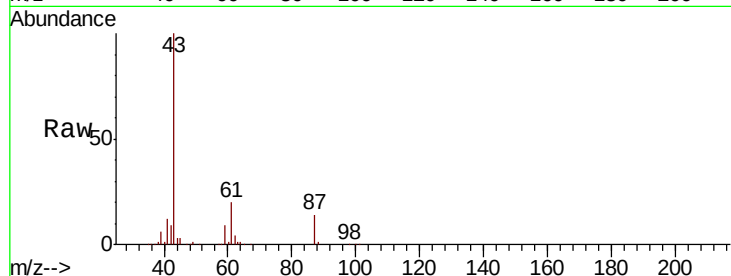
Tot Ion: 43 Resp: 175813

Ion Ratio Lower Upper

43 100

61 28.5 25.1 37.7

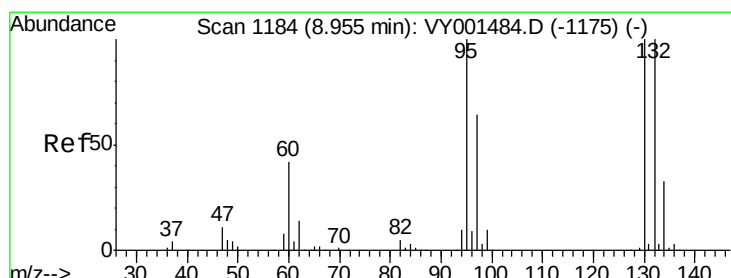
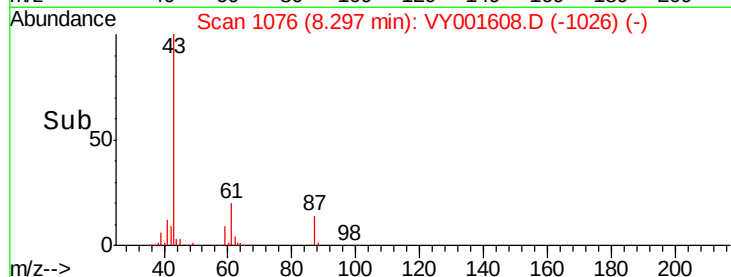
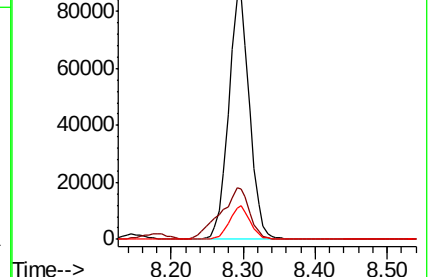
87 13.3 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001608.D (-1076) (-)

Ion 61.00 (60.70 to 61.70): VY001608.D (-1076) (-)

Ion 87.00 (86.70 to 87.70): VY001608.D (-1076) (-)



#44

Trichloroethene

Concen: 47.150 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY001608.D

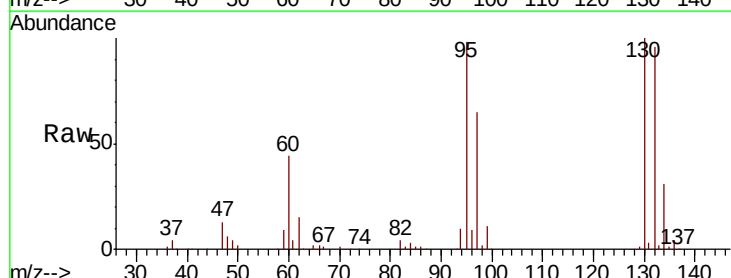
Acq: 12 Feb 2020 11:15

Tgt Ion:130 Resp: 112458

Ion Ratio Lower Upper

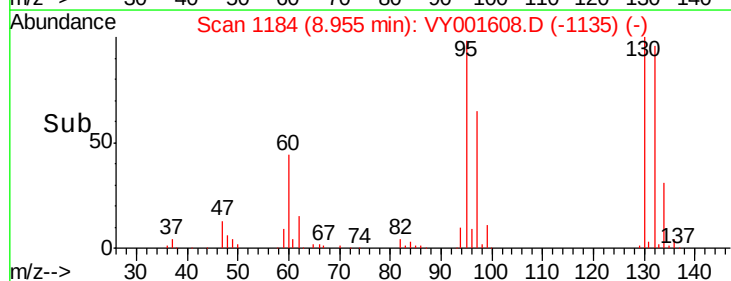
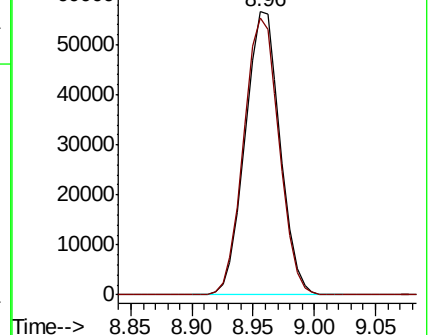
130 100

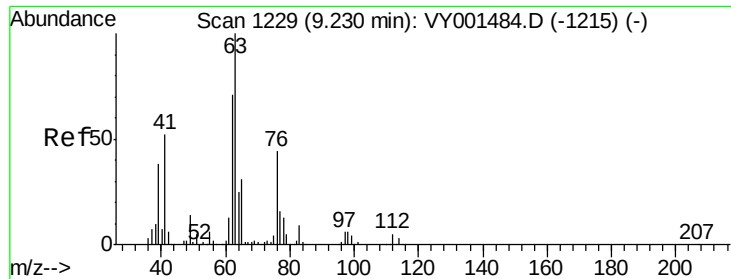
95 97.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001608.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001608.D (-1184) (-)

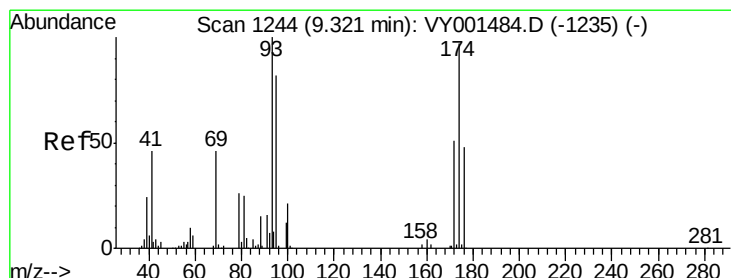
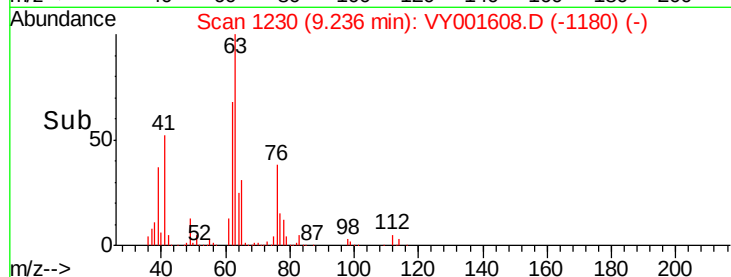
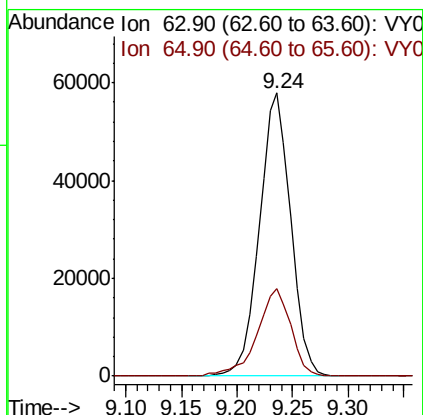
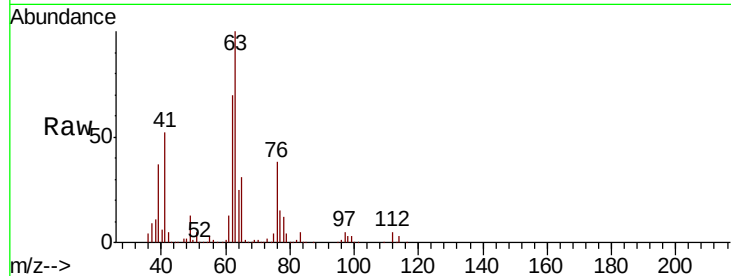




#45
 1,2-Dichloropropane
 Concen: 52.990 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

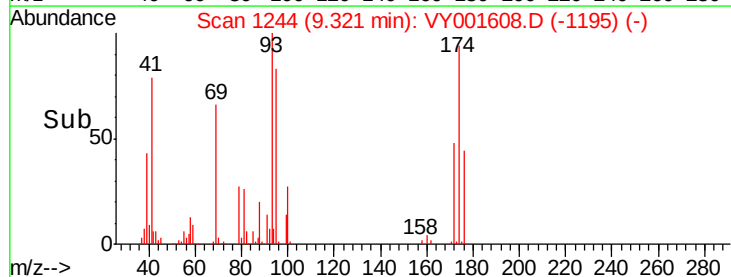
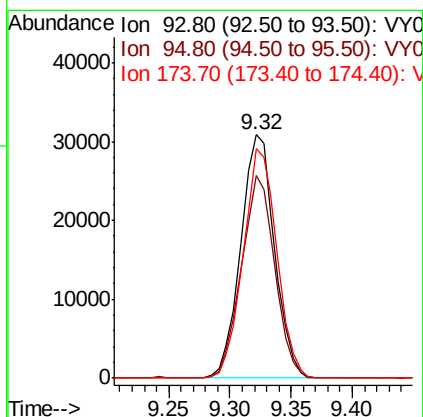
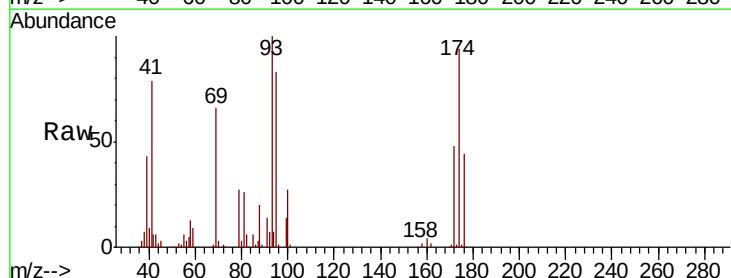
Instrument :
 MSVOA_Y
 ClientSampleId :

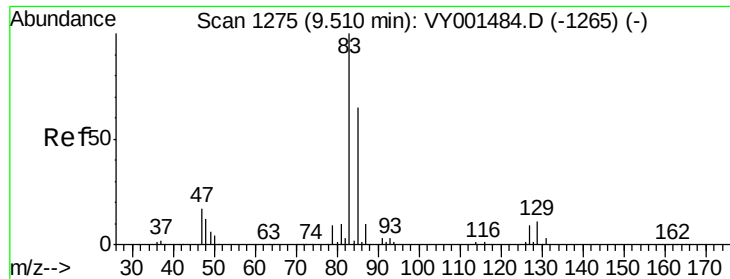
Tot Ion: 63 Resp: 113224
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 49.247 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion: 93 Resp: 59087
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 94.1 75.4 113.2

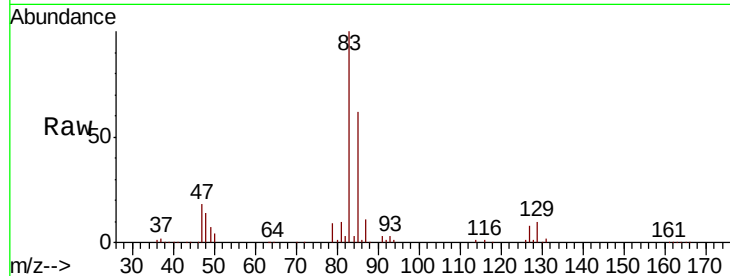




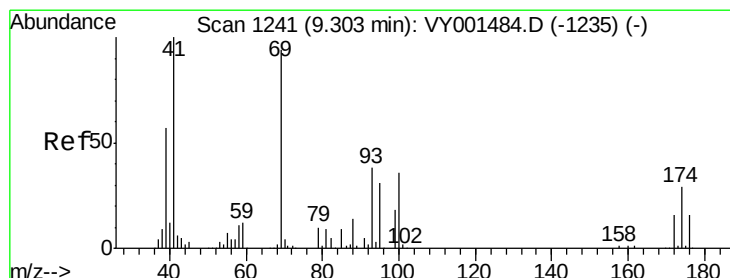
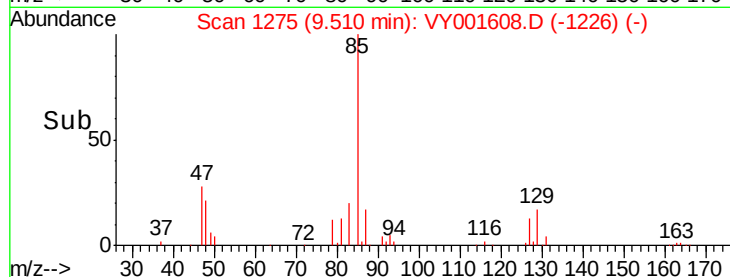
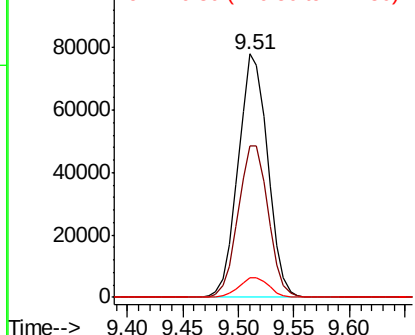
#47
Bromodichloromethane
Concen: 49.223 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	83	Resp	143896
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.9	77.9
127	8.2	6.9	10.3

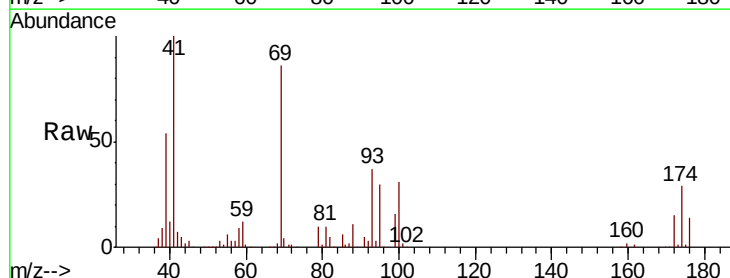


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

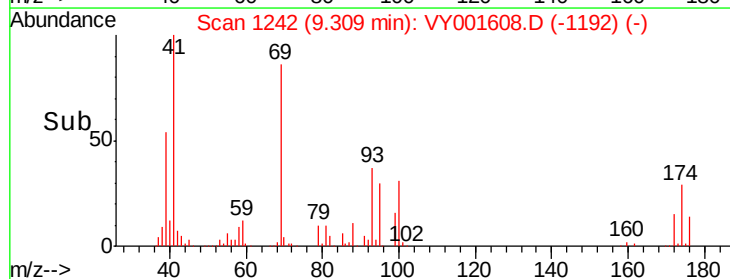
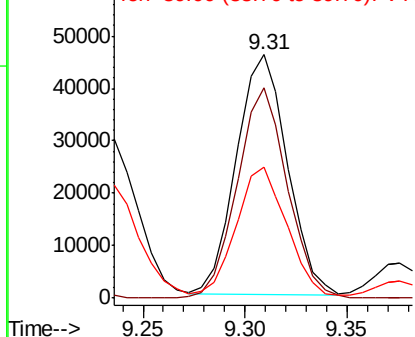


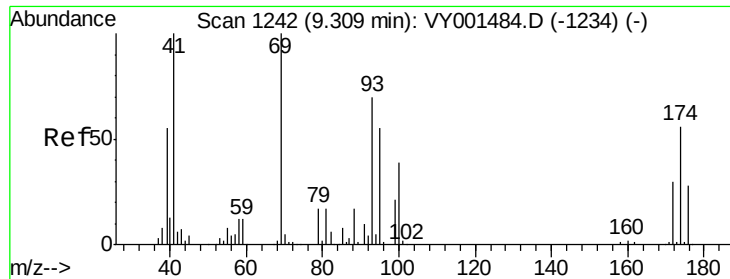
#48
Methyl methacrylate
Concen: 58.745 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion	41	Resp	79278
Ion Ratio	Lower	Upper	
41	100		
69	86.5	76.6	114.8
39	52.7	45.4	68.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 973.729 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

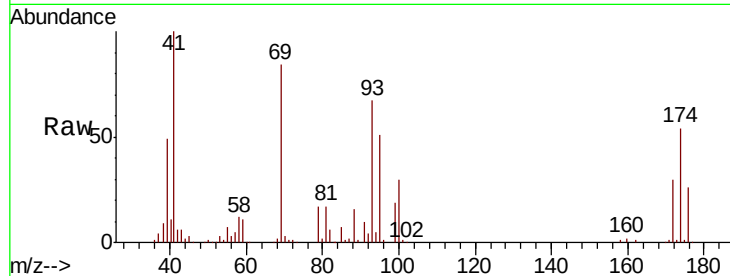
Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 15429

Ion	Ratio	Lower	Upper
88	100		
43	30.9	24.8	37.2
58	68.1	59.3	88.9

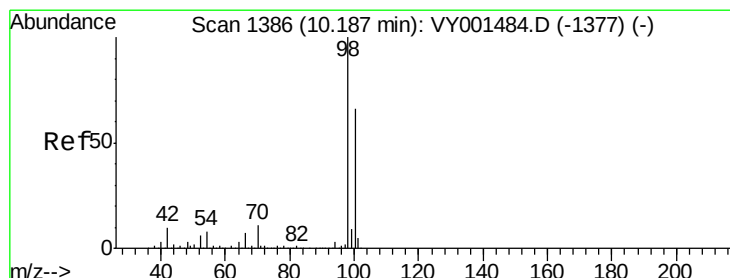
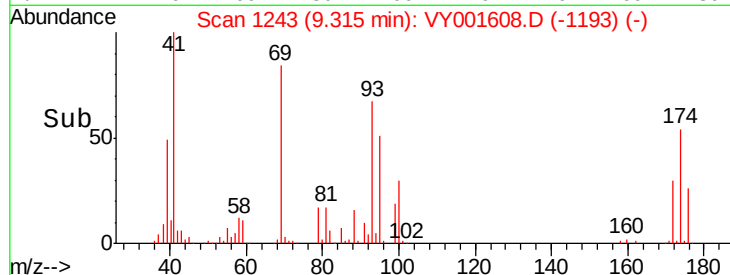
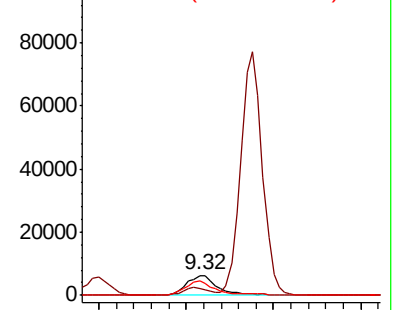


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 54.909 ug/l

RT: 10.19 min Scan# 1387

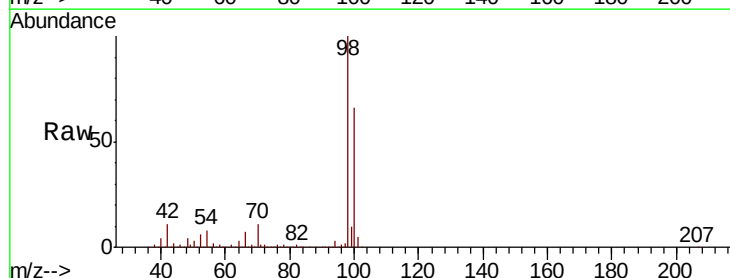
Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Tgt Ion: 98 Resp: 406234

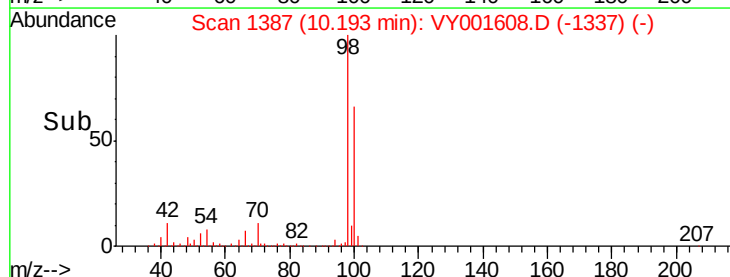
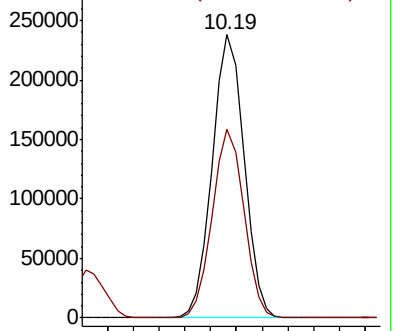
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6

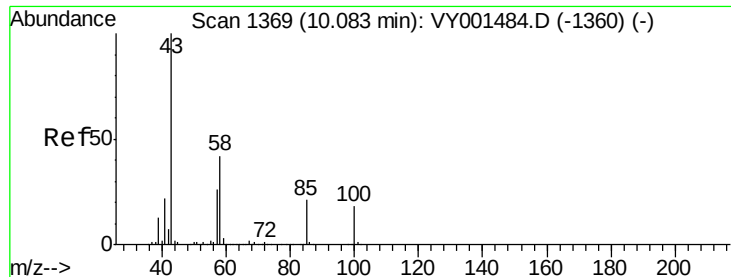


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

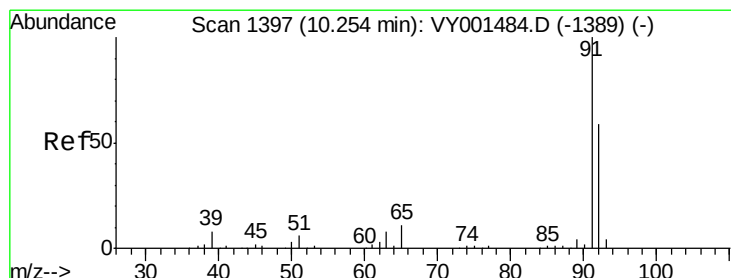
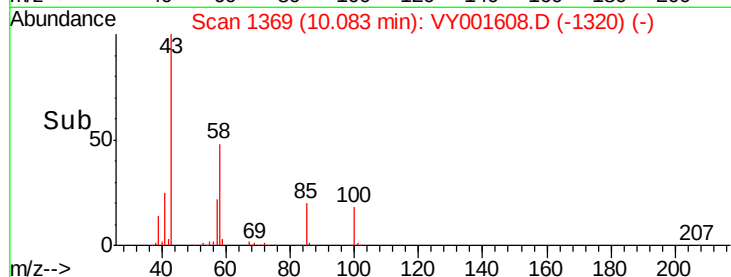
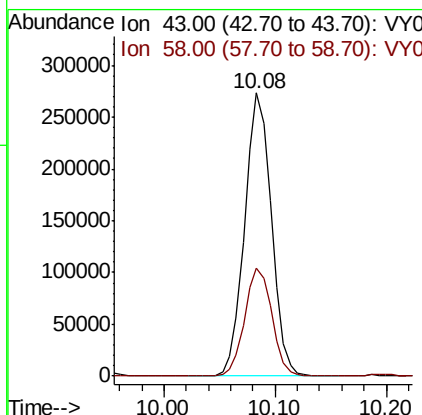
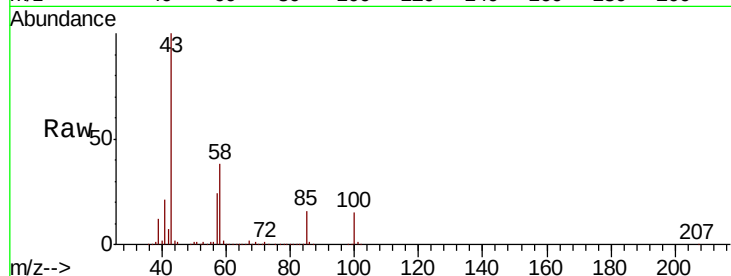




#51
 4-Methyl-2-Pentanone
 Concen: 311.859 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

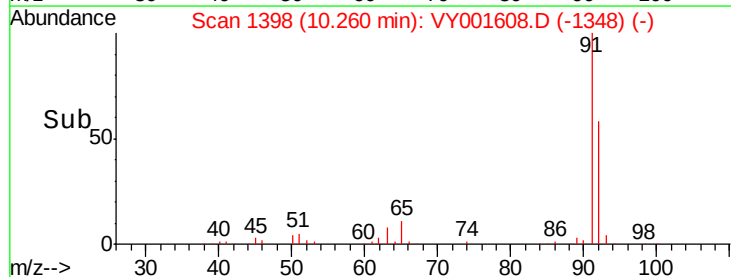
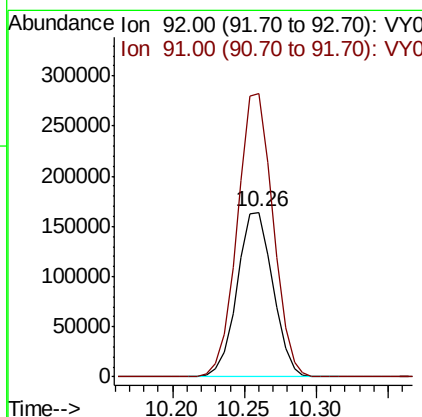
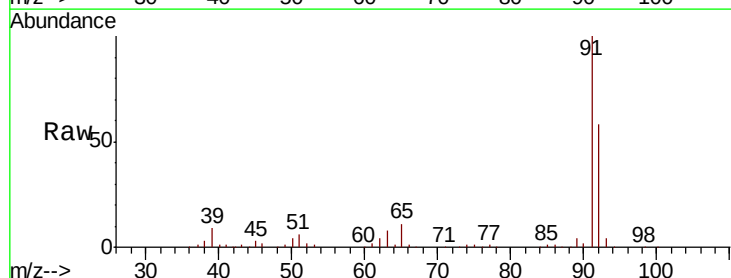
Instrument :
 MSVOA_Y
 ClientSampleId :

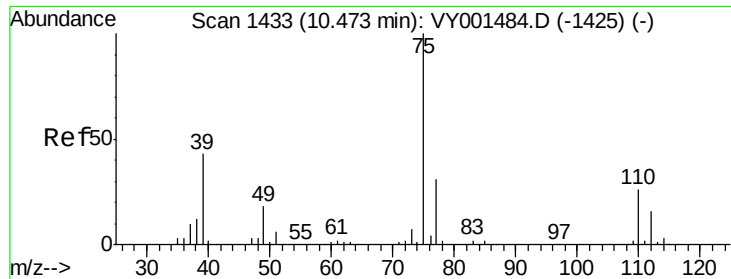
Tot Ion: 43 Resp: 456662
 Ion Ratio Lower Upper
 43 100
 58 39.0 33.9 50.9



#52
 Toluene
 Concen: 50.426 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion: 92 Resp: 283113
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 49.754 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

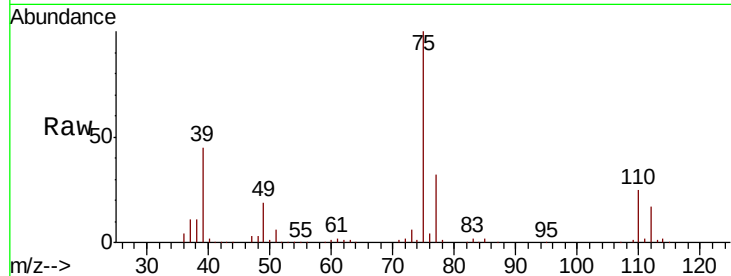
ClientSampled :

Tot Ion: 75 Resp: 158421

Ion Ratio Lower Upper

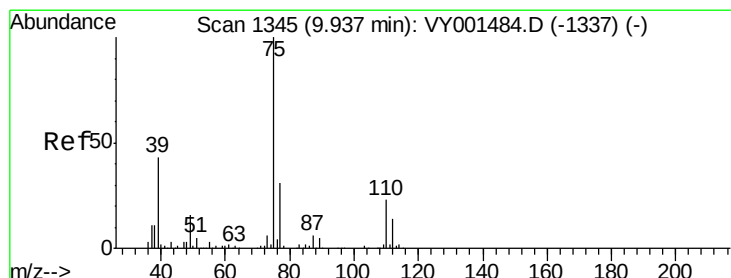
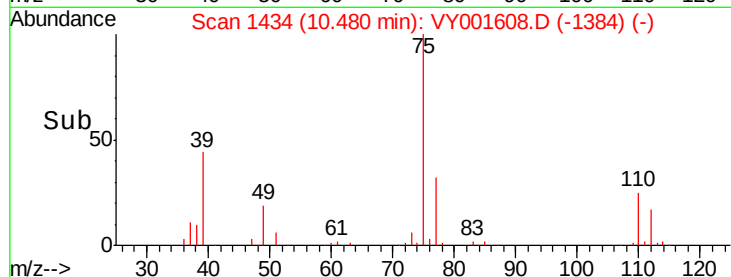
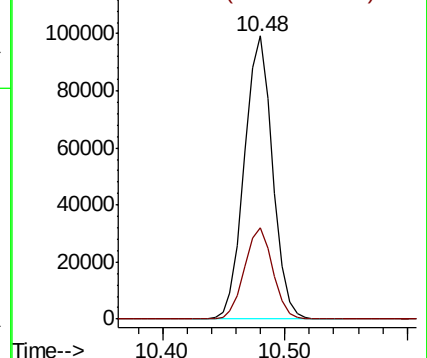
75 100

77 32.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 49.702 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

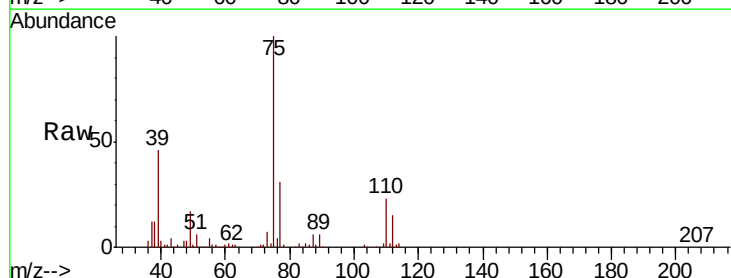
Tgt Ion: 75 Resp: 181686

Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

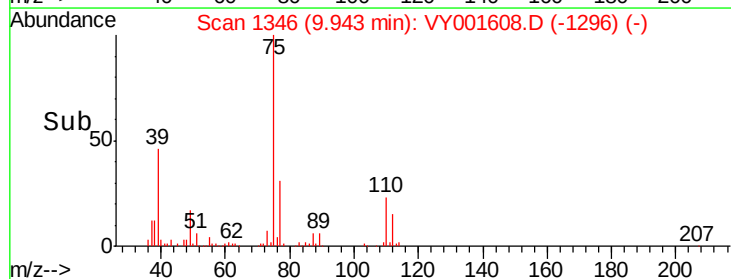
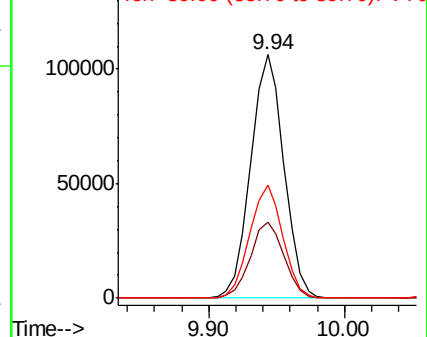
39 46.4 34.0 51.0

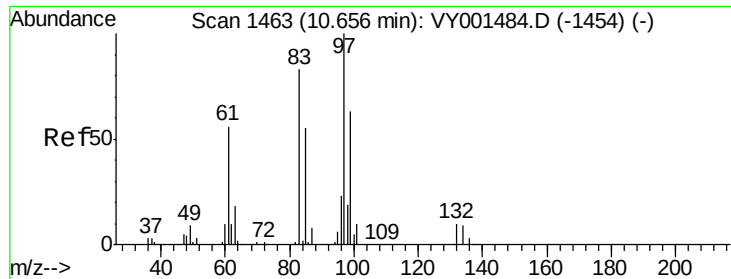


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 51.195 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 88129

Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.2	99.2
85	54.5	43.8	65.6
99	61.5	50.1	75.1

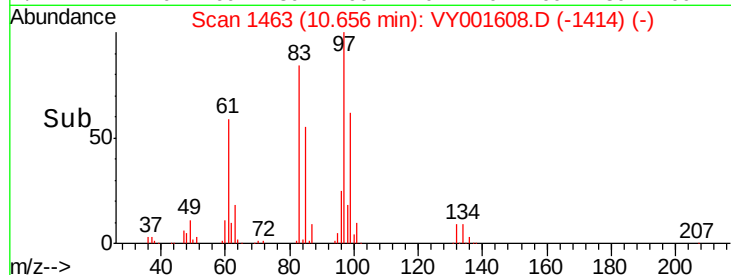
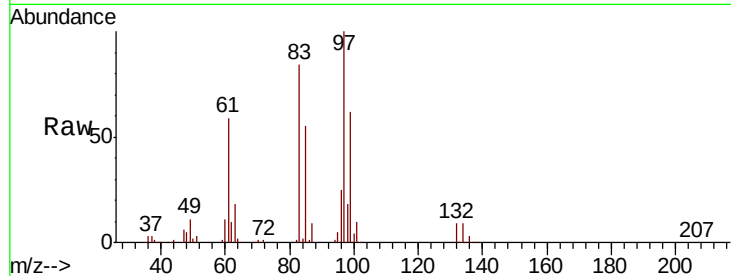
Ion Ratio Lower Upper

97 100

83 84.2 66.2 99.2

85 54.5 43.8 65.6

99 61.5 50.1 75.1



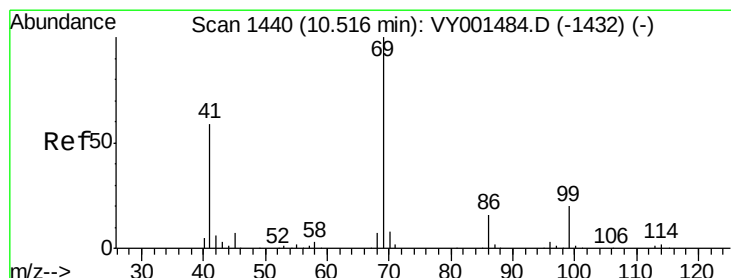
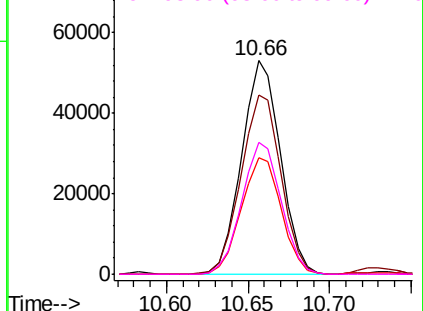
Abundance

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: 54.630 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Tgt Ion: 69 Resp: 133759

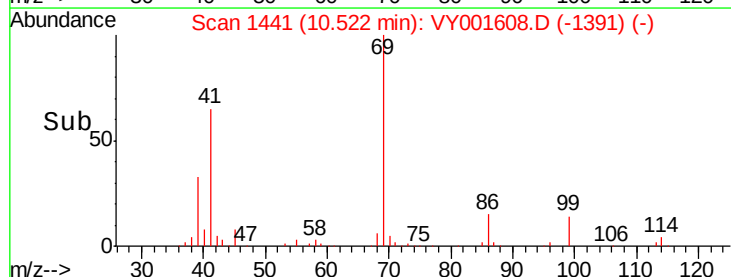
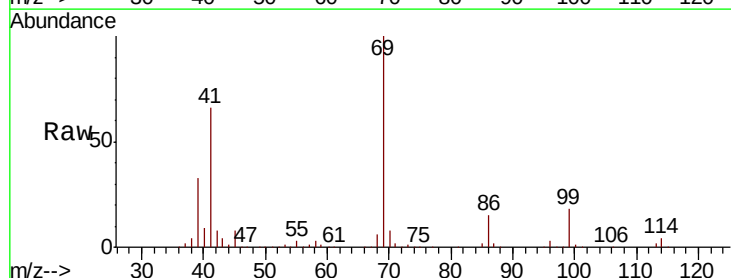
Ion	Ratio	Lower	Upper
69	100		
41	66.2	47.8	71.8
39	31.4	24.4	36.6

Ion Ratio Lower Upper

69 100

41 66.2 47.8 71.8

39 31.4 24.4 36.6

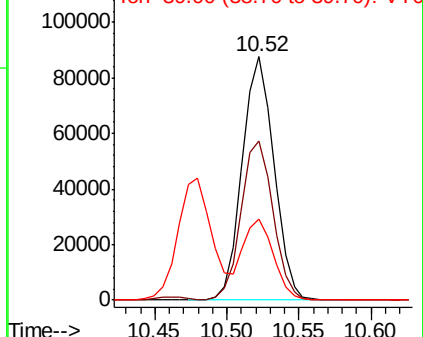


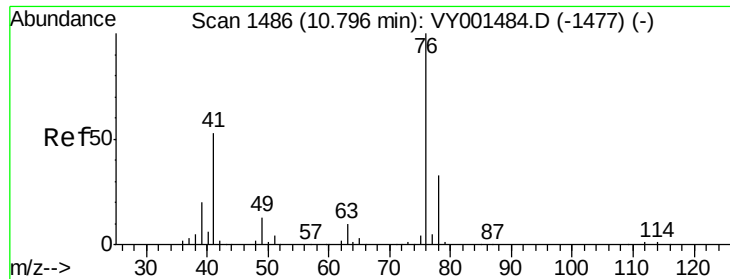
Abundance

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: 51.017 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

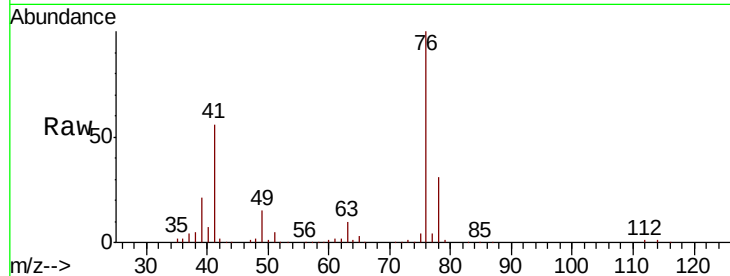
ClientSampleId :

Tot Ion: 76 Resp: 154809

Ion Ratio Lower Upper

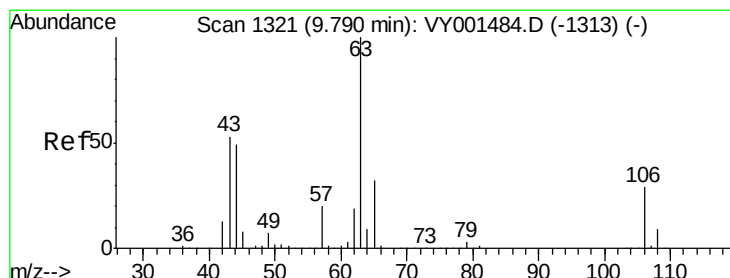
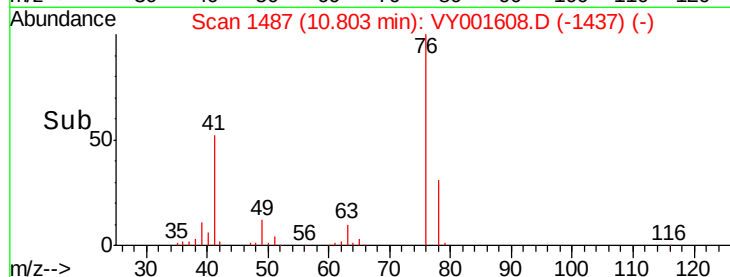
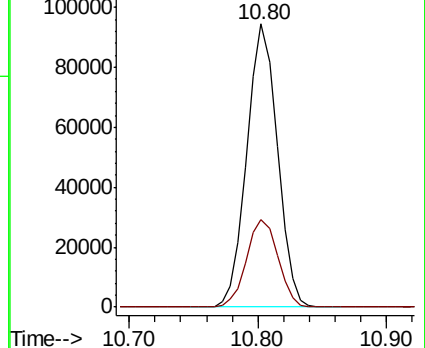
76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 294.269 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY001608.D

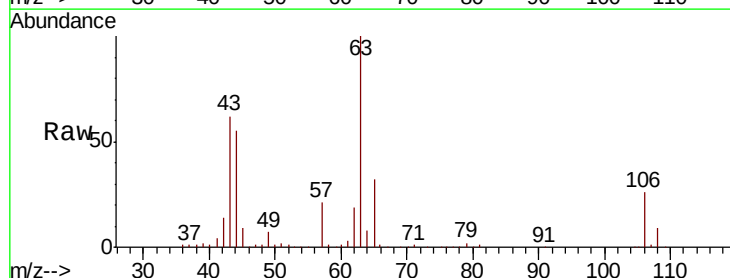
Acq: 12 Feb 2020 11:15

Tgt Ion: 63 Resp: 265054

Ion Ratio Lower Upper

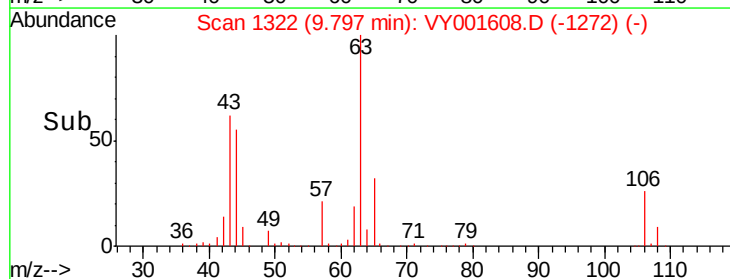
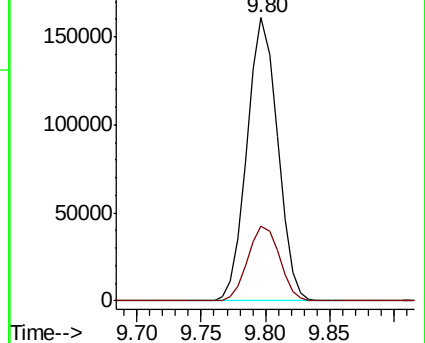
63 100

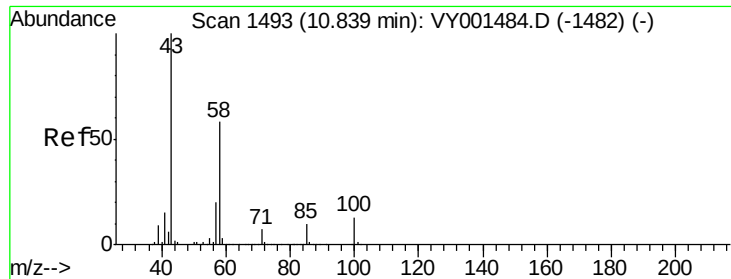
106 27.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

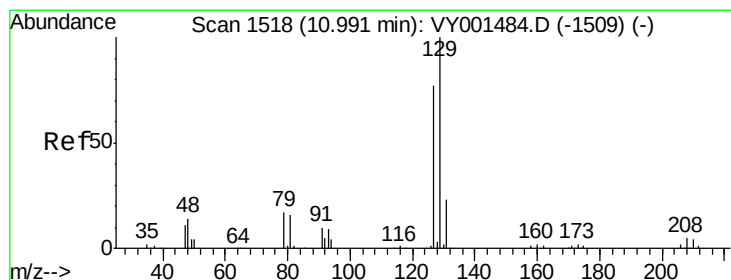
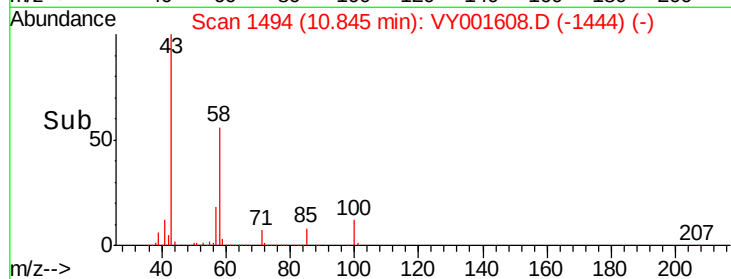
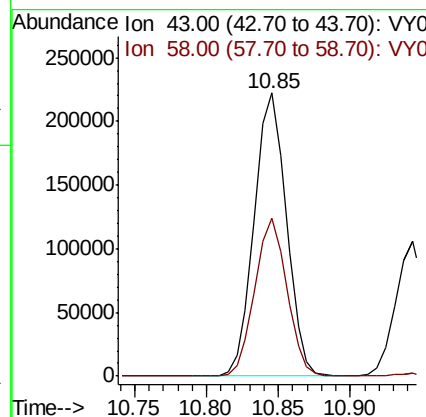
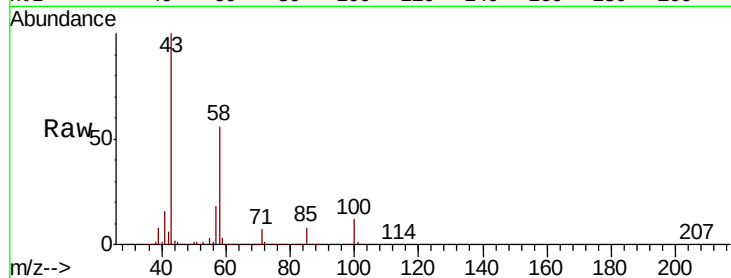




#59
2-Hexanone
Concen: 322.863 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

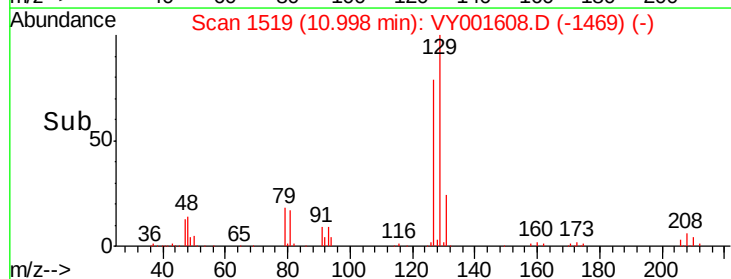
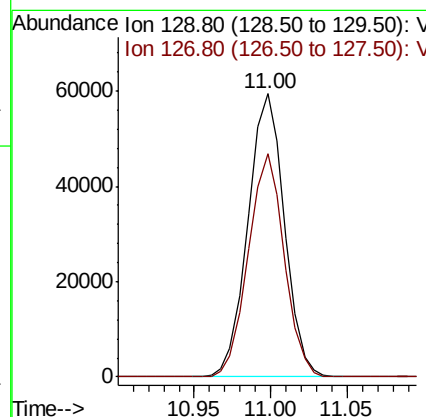
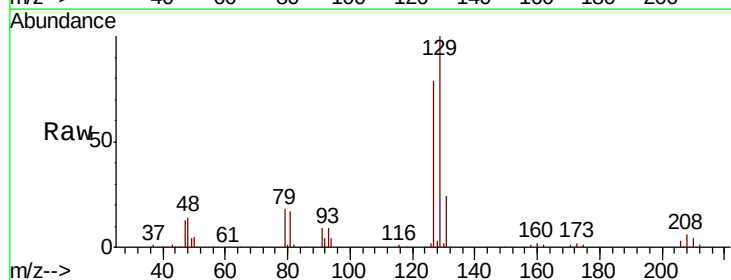
Instrument :
MSVOA_Y
ClientSampleId :

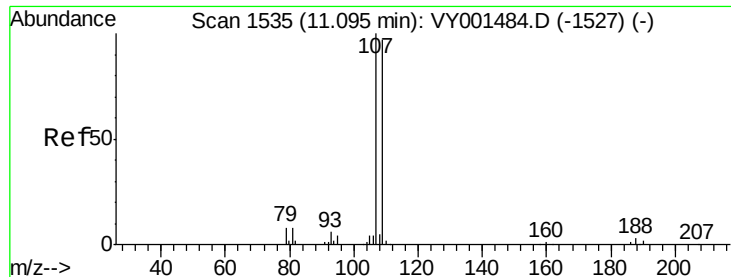
Tot Ion: 43 Resp: 343750
Ion Ratio Lower Upper
43 100
58 55.3 29.0 87.0



#60
Dibromochloromethane
Concen: 48.484 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 129 Resp: 98381
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.520 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

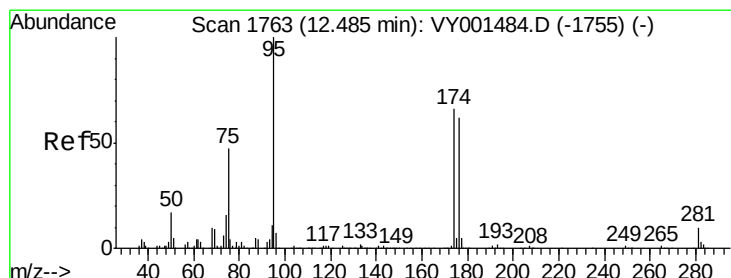
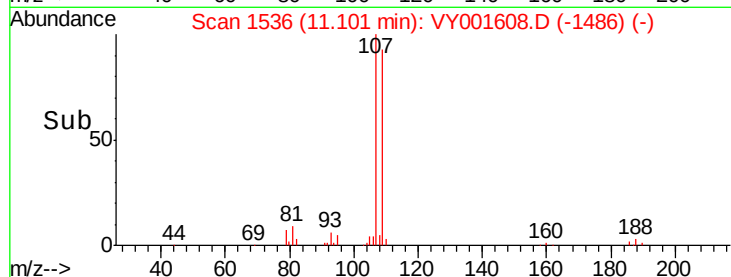
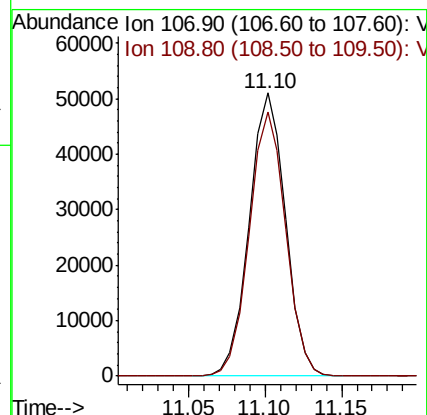
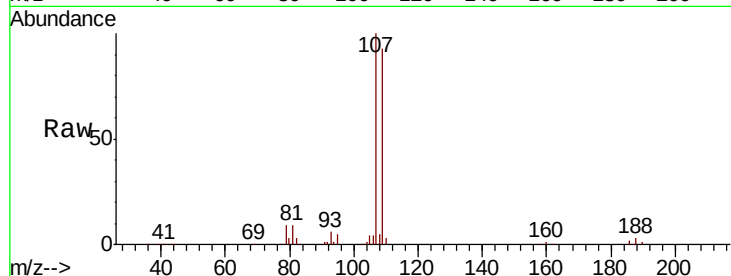
ClientSampleId :

Tot Ion:107 Resp: 83962

Ion Ratio Lower Upper

107 100

109 93.5 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 51.904 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

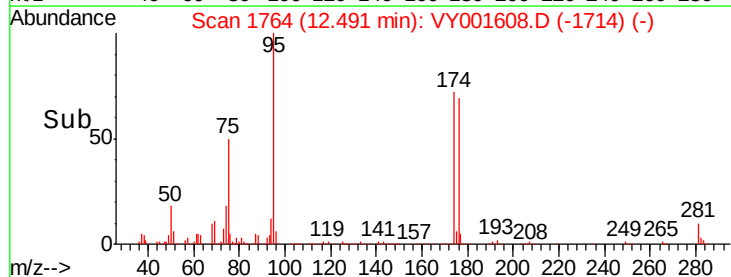
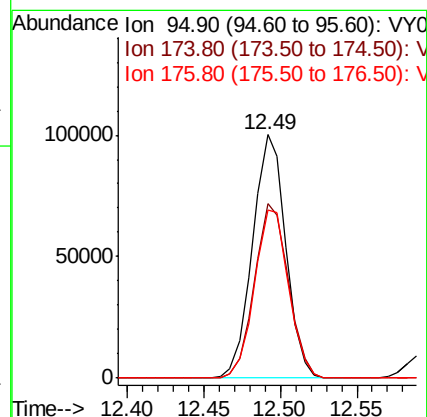
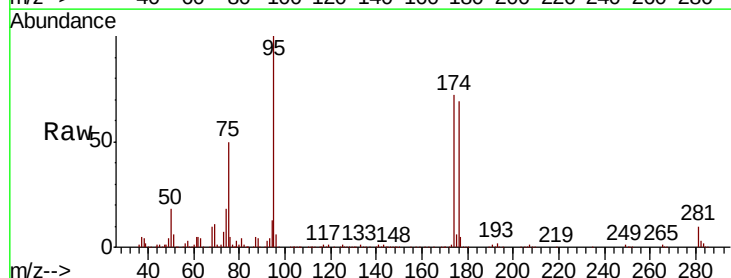
Tgt Ion: 95 Resp: 151278

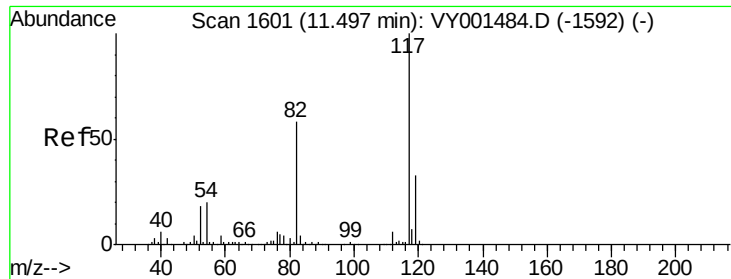
Ion Ratio Lower Upper

95 100

174 73.2 0.0 141.4

176 71.1 0.0 135.4

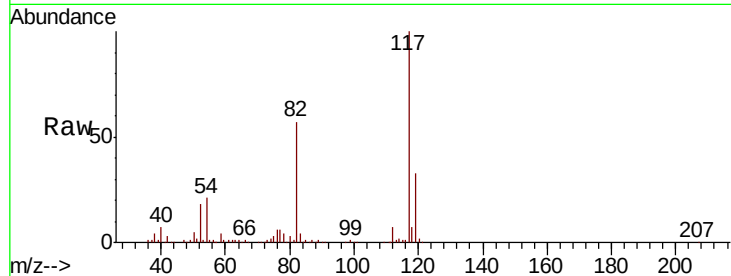




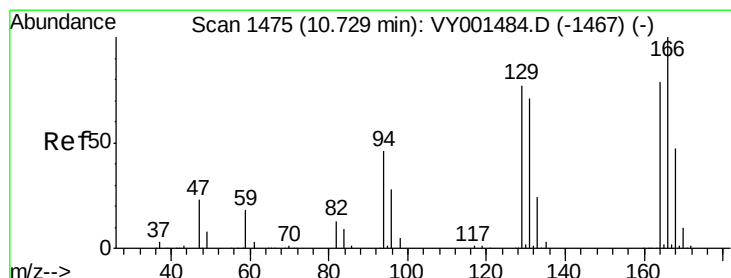
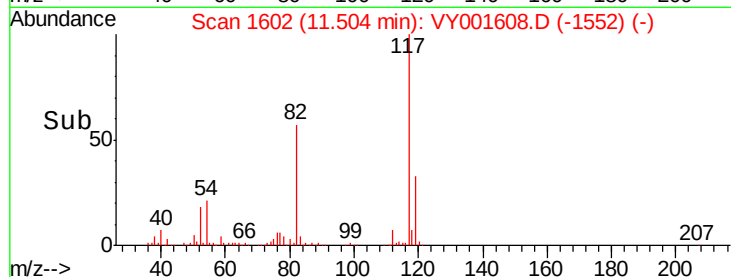
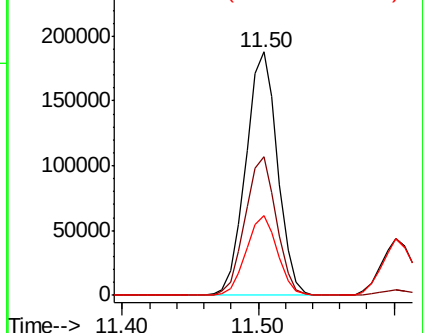
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 306847
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 32.5 26.1 39.1

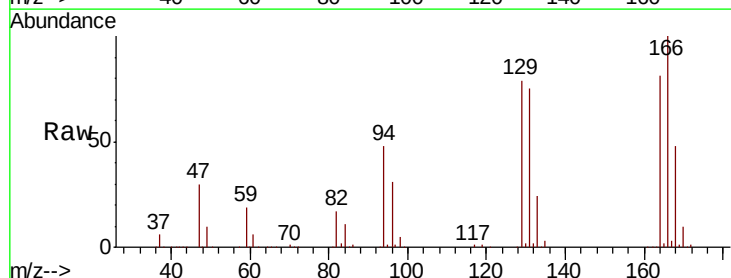


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

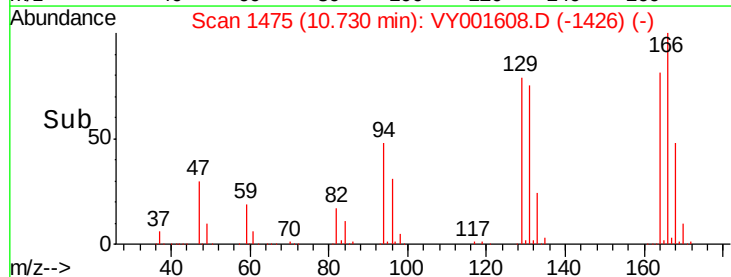
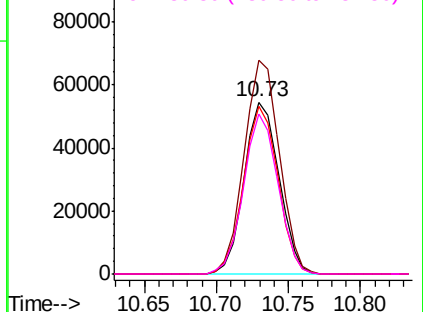


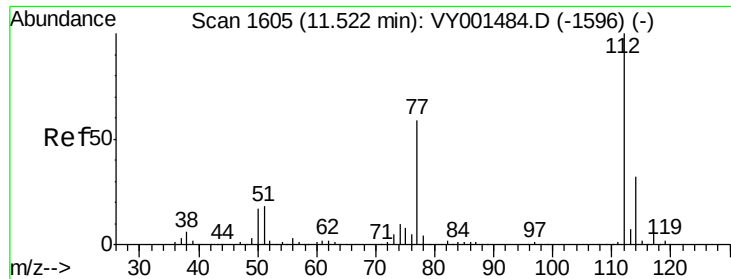
#64
Tetrachloroethene
Concen: 45.354 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion:164 Resp: 91267
Ion Ratio Lower Upper
164 100
166 124.1 100.8 151.2
129 97.7 77.8 116.6
131 92.8 72.0 108.0



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

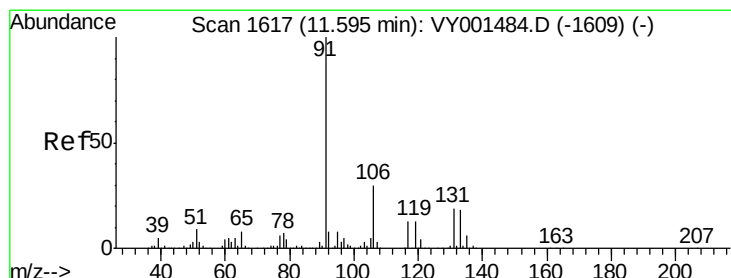
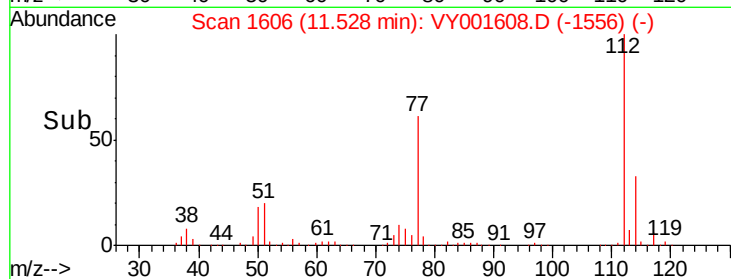
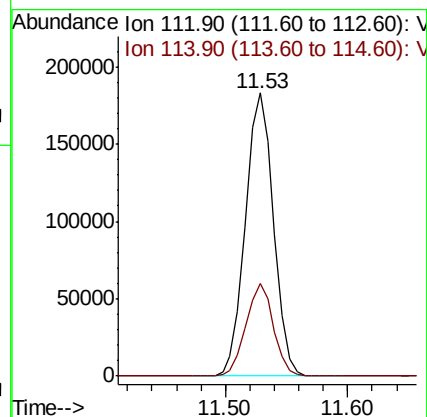
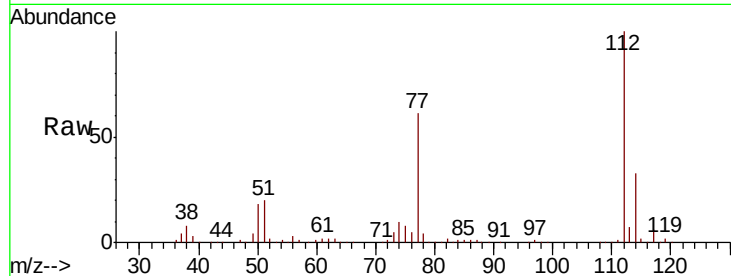




#65
Chlorobenzene
Concen: 48.312 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

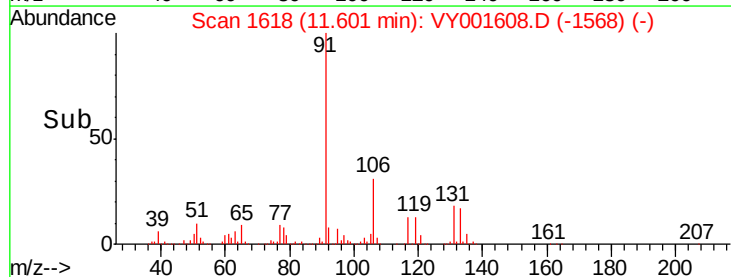
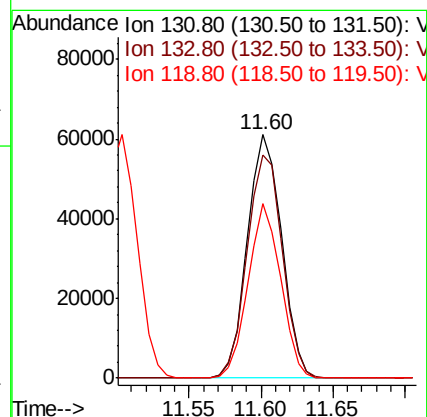
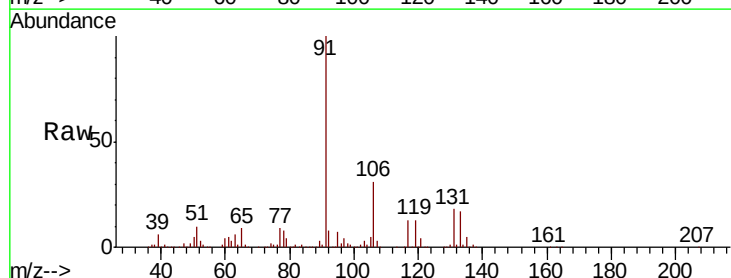
Instrument :
MSVOA_Y
ClientSampled :

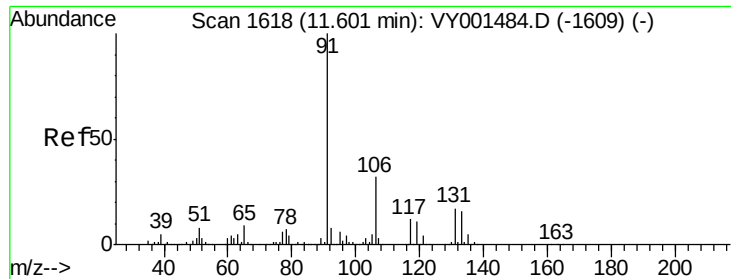
Tot Ion:112 Resp: 291078
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.656 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion:131 Resp: 100491
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 68.4 33.7 101.0

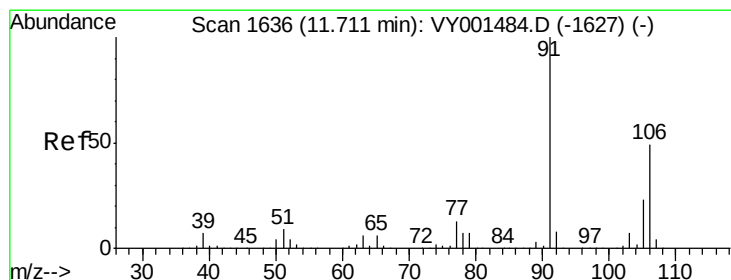
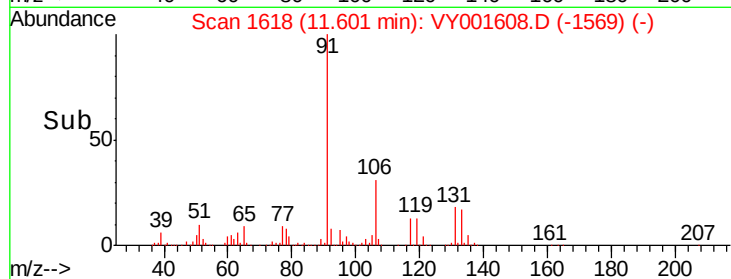
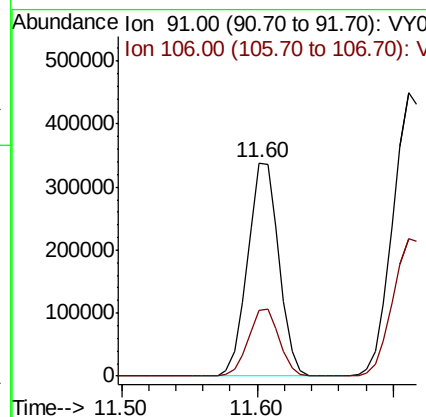
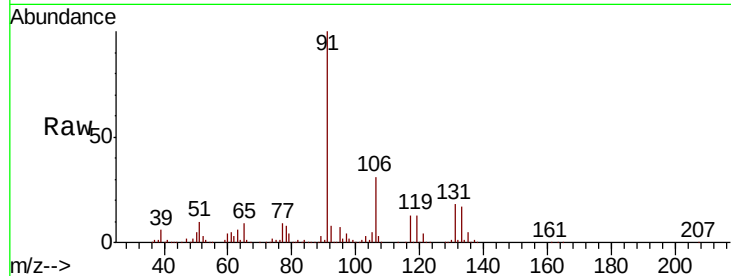




#67
Ethyl Benzene
Concen: 48.715 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

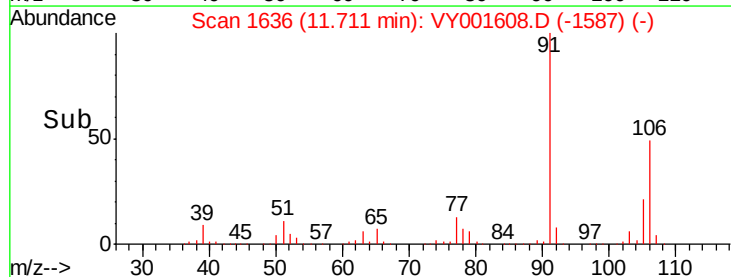
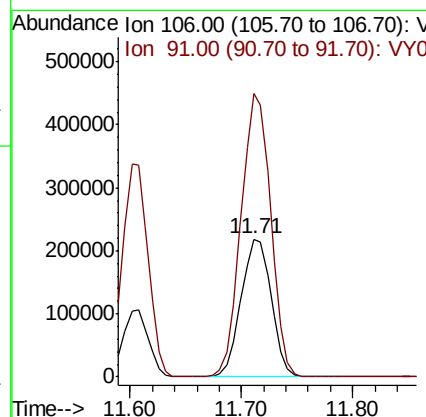
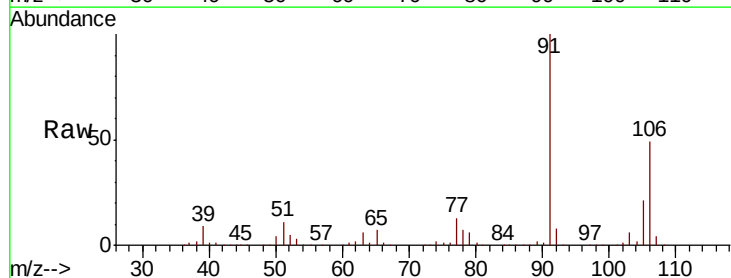
Instrument :
MSVOA_Y
ClientSampled :

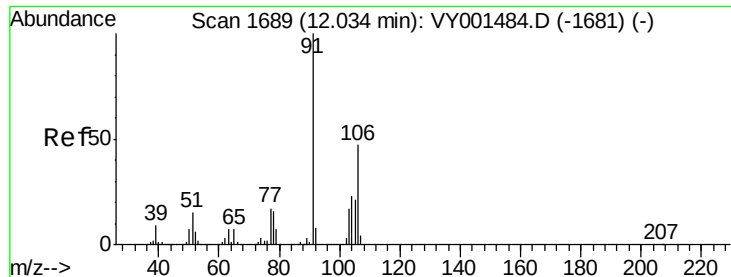
Tot Ion: 91 Resp: 542679
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 98.138 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 106 Resp: 410407
Ion Ratio Lower Upper
106 100
91 202.4 163.6 245.4

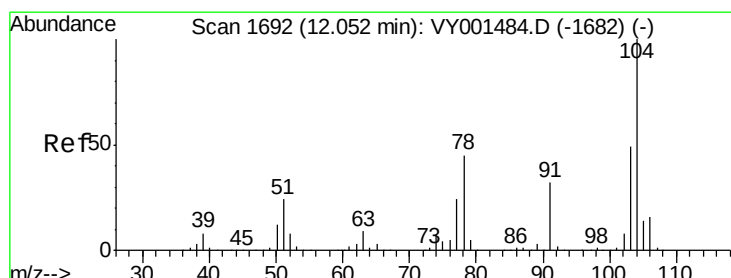
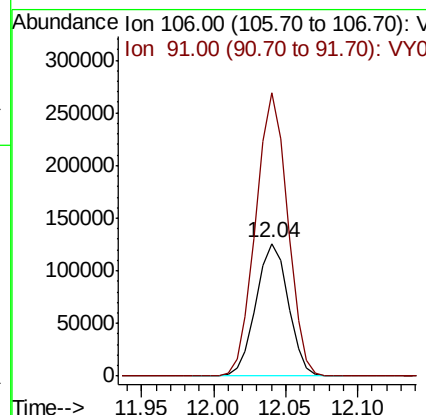
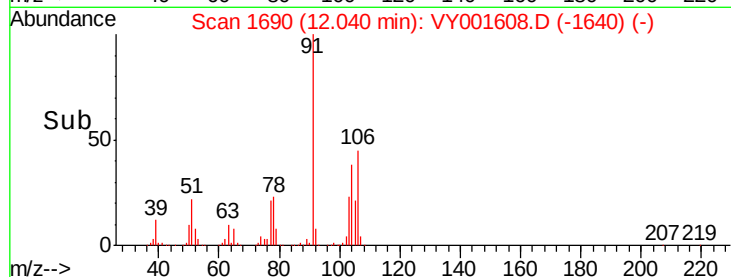
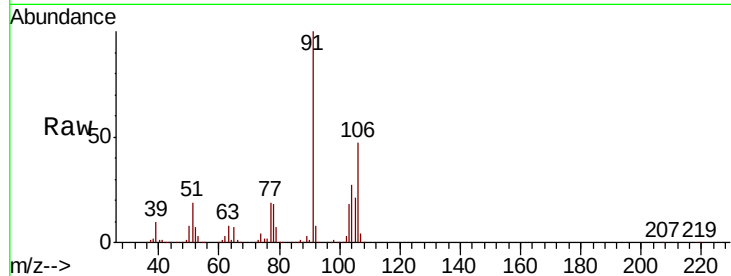




#69
o-Xylene
Concen: 49.507 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

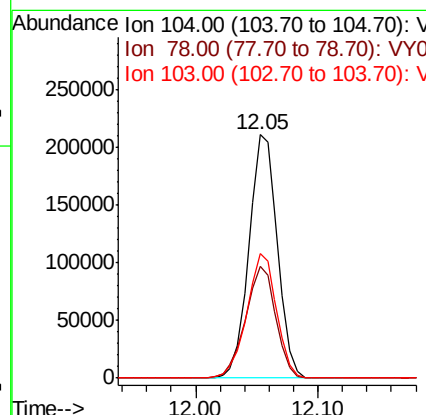
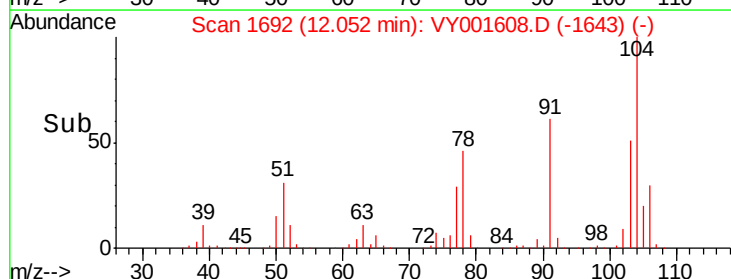
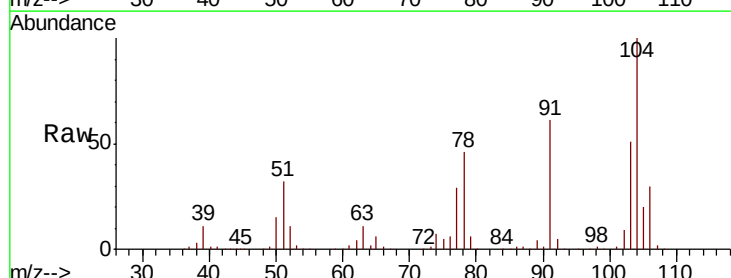
Instrument :
MSVOA_Y
ClientSampled :

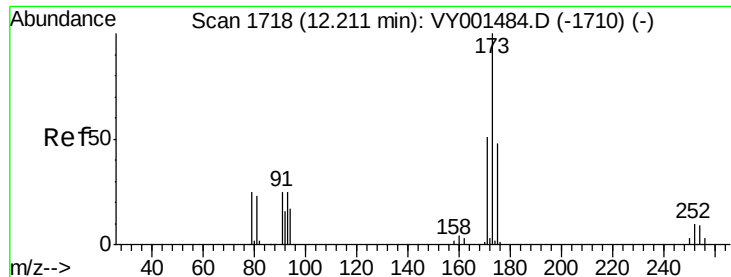
Tot Ion:106 Resp: 195206
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0



#70
Styrene
Concen: 49.918 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion:104 Resp: 340375
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 53.5 42.8 64.2





#71

Bromoform

Concen: 49.895 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampled :

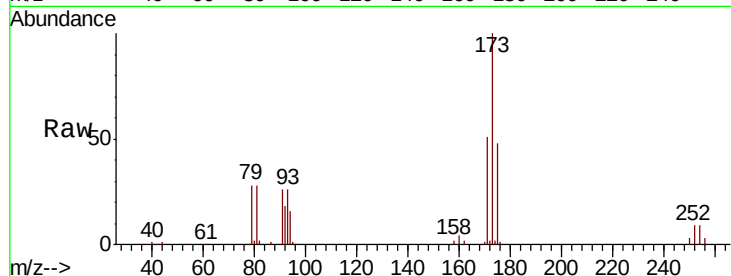
Tot Ion:173 Resp: 58585

Ion Ratio Lower Upper

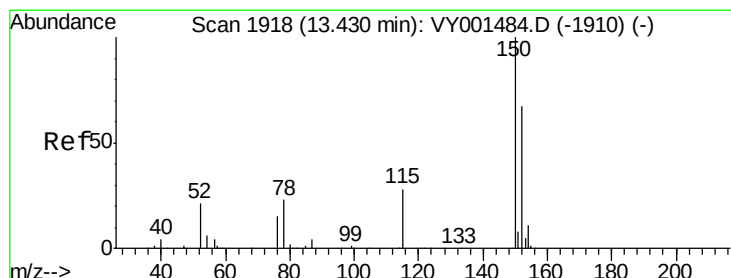
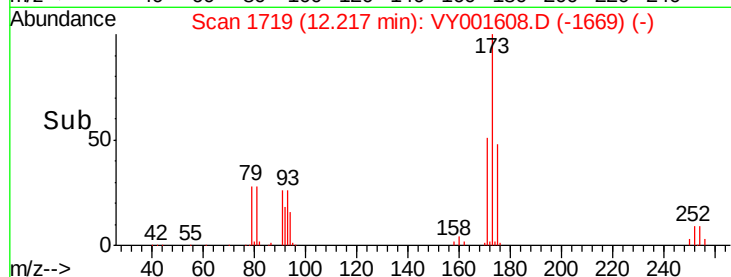
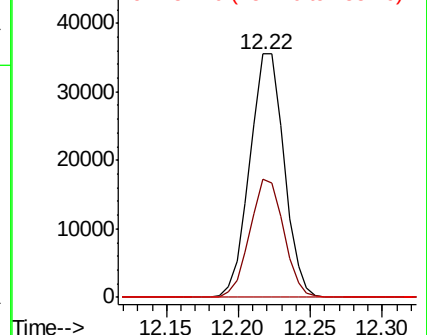
173 100

175 47.8 24.0 72.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

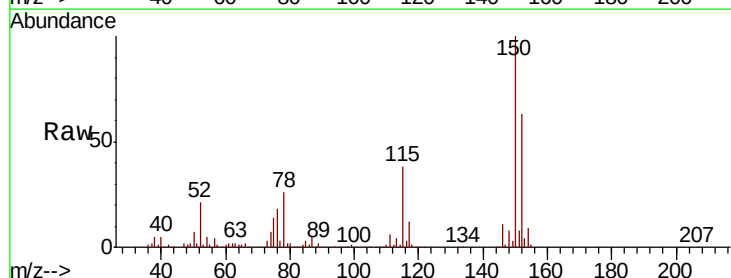
Tgt Ion:152 Resp: 149186

Ion Ratio Lower Upper

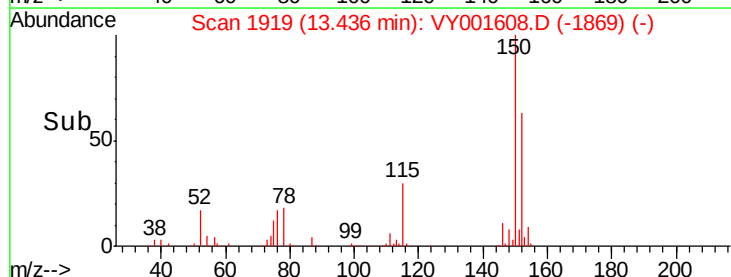
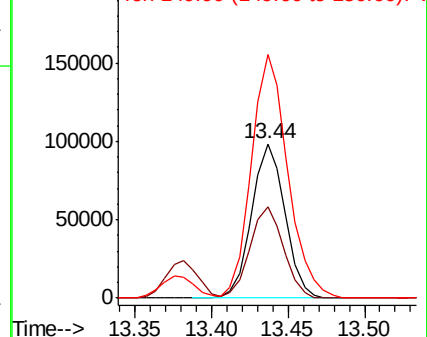
152 100

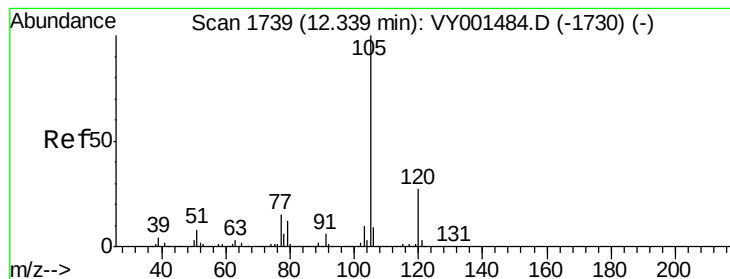
115 59.7 31.4 94.3

150 172.2 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.574 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

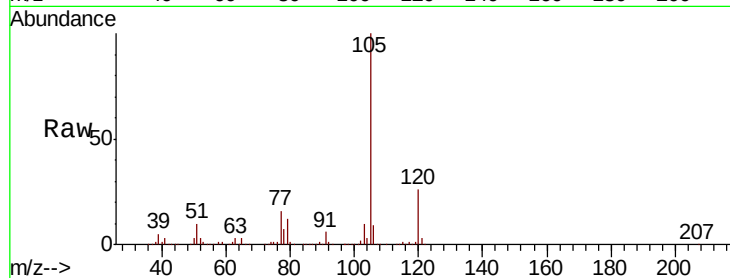
ClientSampleId :

Tot Ion:105 Resp: 529932

Ion Ratio Lower Upper

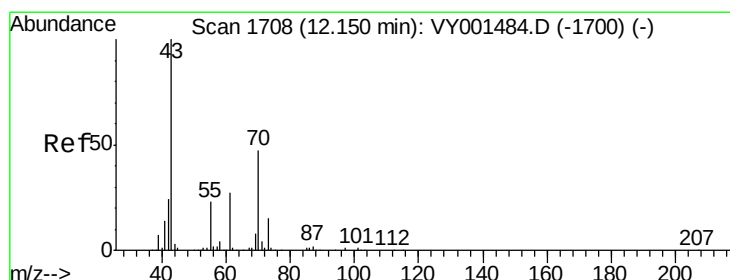
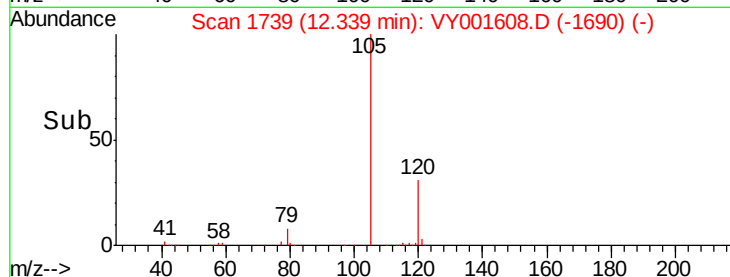
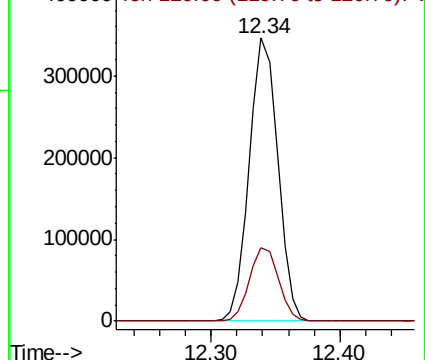
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.247 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Tgt Ion: 43 Resp: 169260

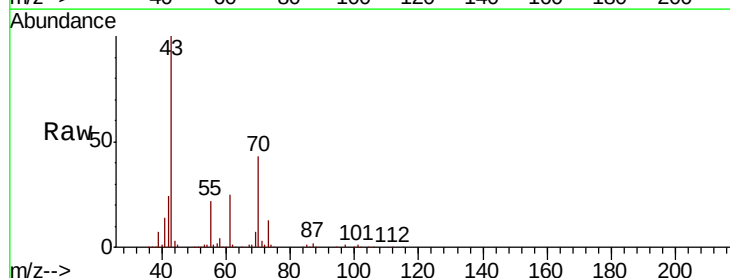
Ion Ratio Lower Upper

43 100

70 43.1 37.2 55.8

55 22.8 18.8 28.2

61 25.2 21.4 32.2

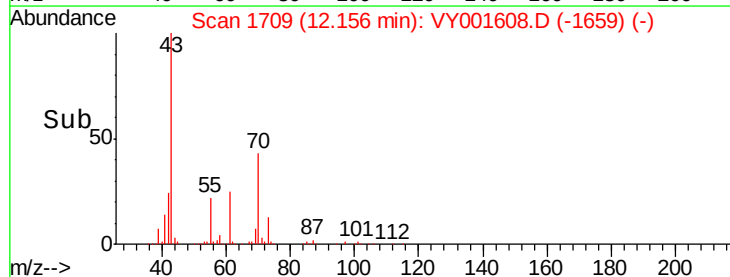
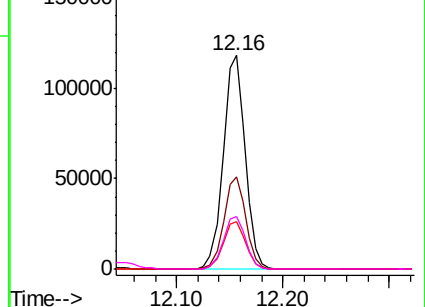


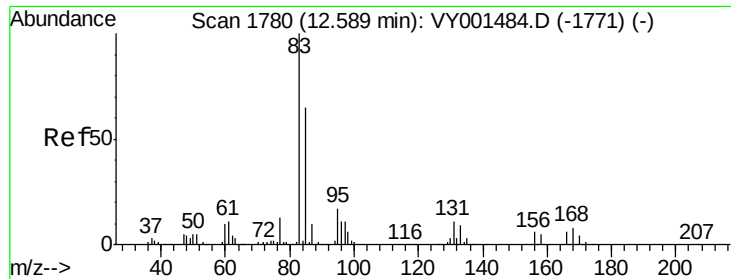
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.559 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

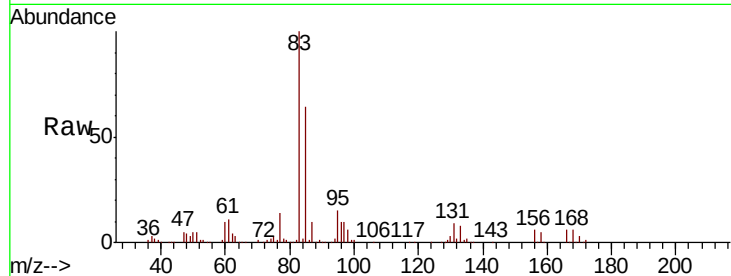
Tot Ion: 83 Resp: 113619

Ion Ratio Lower Upper

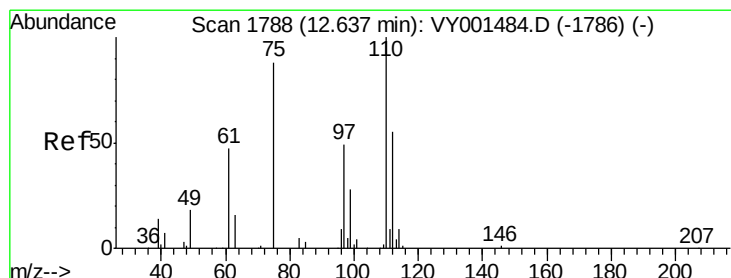
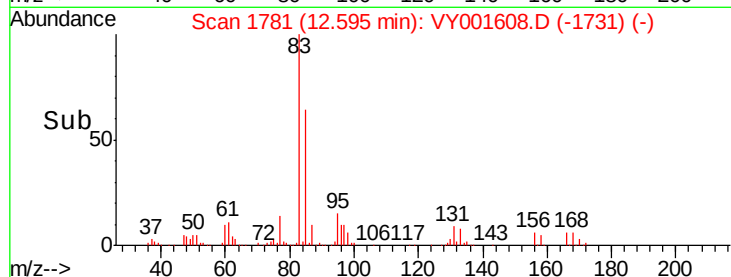
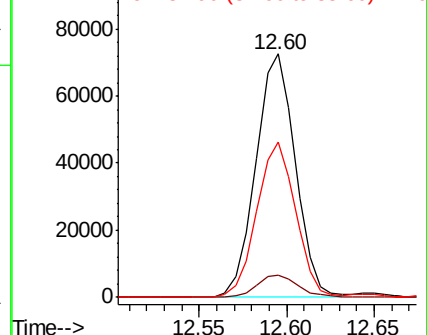
83 100

131 9.7 5.4 16.2

85 63.1 32.0 96.0



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: 92.091 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001608.D

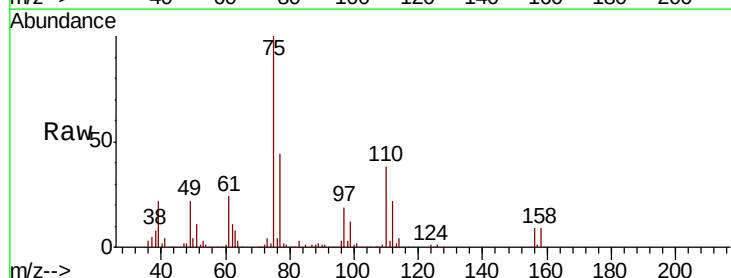
Acq: 12 Feb 2020 11:15

Tgt Ion: 75 Resp: 147746

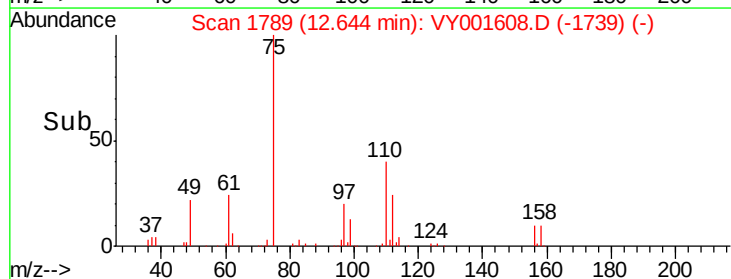
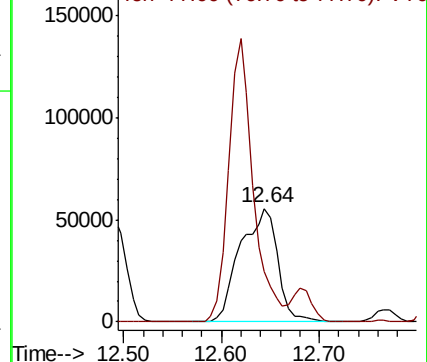
Ion Ratio Lower Upper

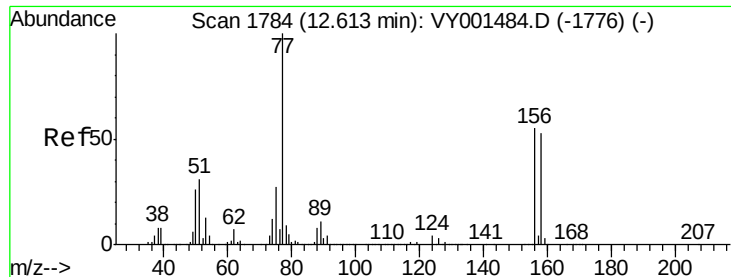
75 100

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: 45.733 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampled :

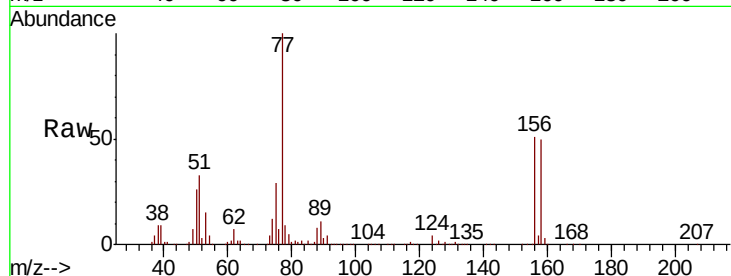
Tot Ion:156 Resp: 112611

Ion Ratio Lower Upper

156 100

77 214.0 99.8 299.3

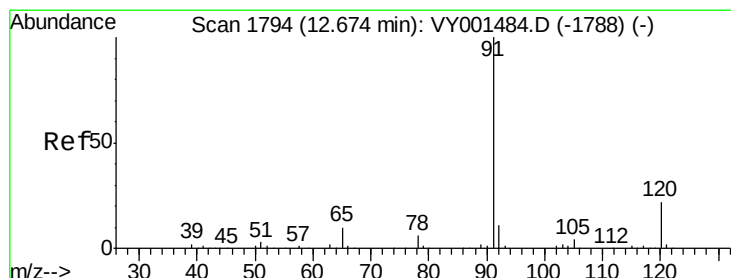
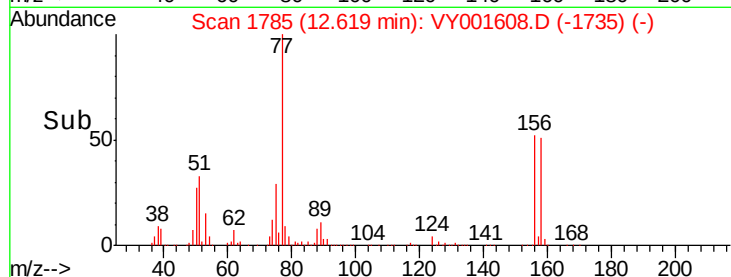
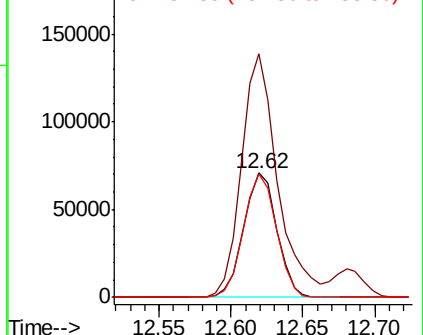
158 98.1 47.5 142.6



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: 47.954 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001608.D

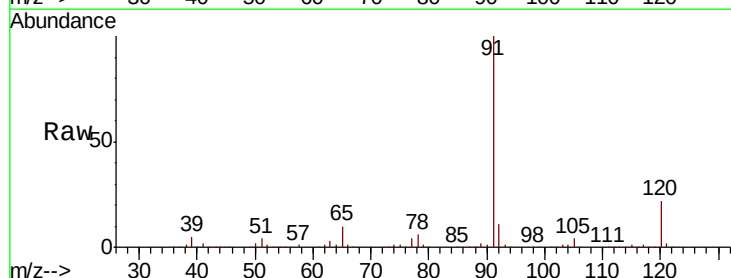
Acq: 12 Feb 2020 11:15

Tgt Ion: 91 Resp: 653214

Ion Ratio Lower Upper

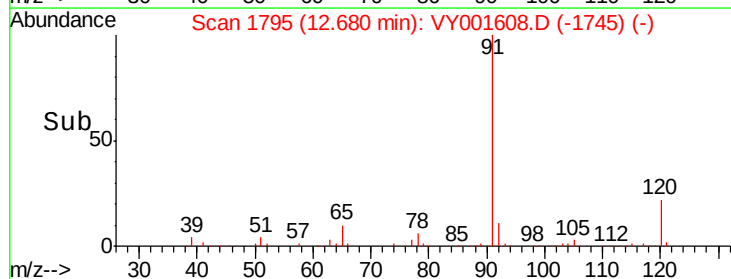
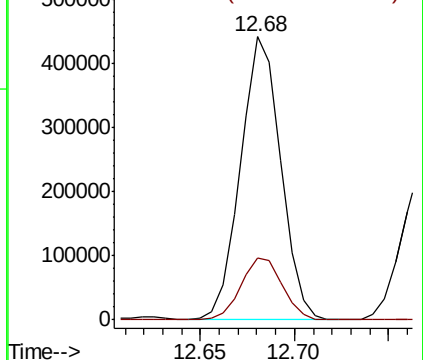
91 100

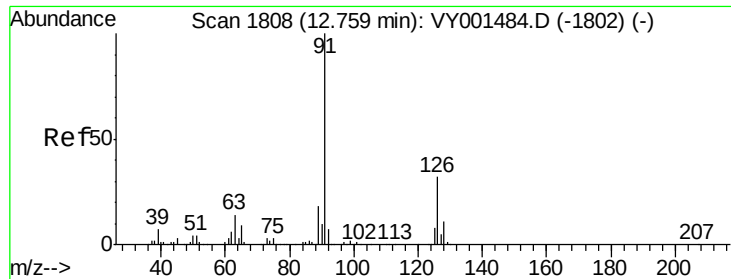
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

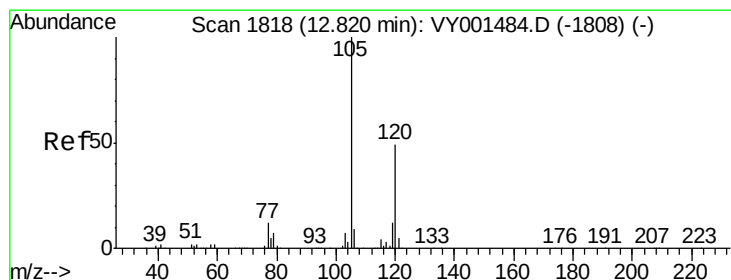
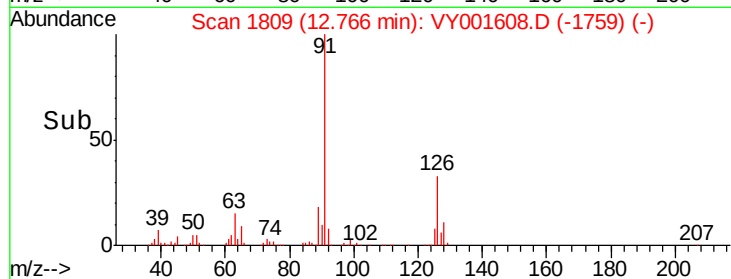
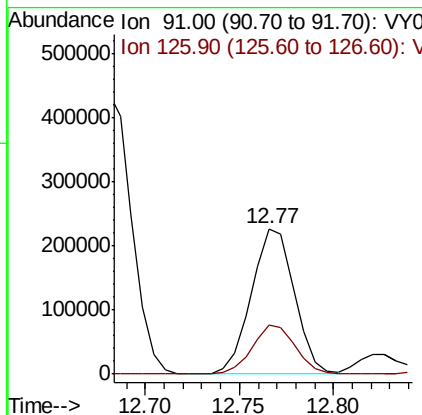
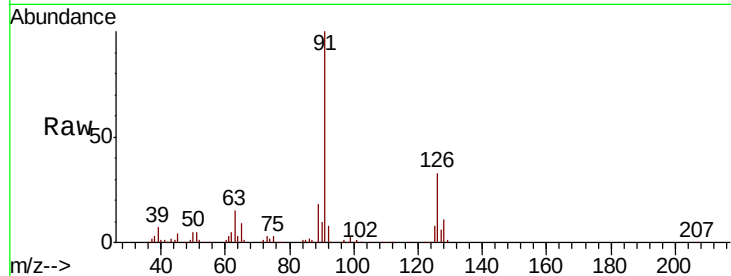




#79
 2-Chlorotoluene
 Concen: 46.417 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

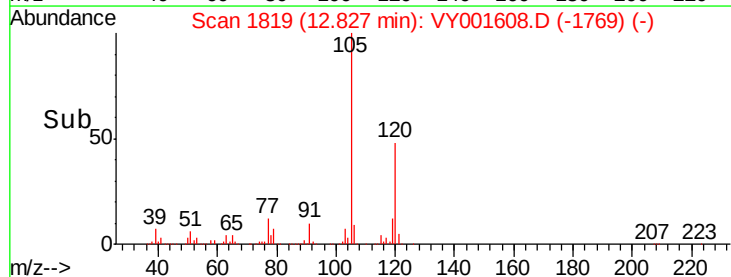
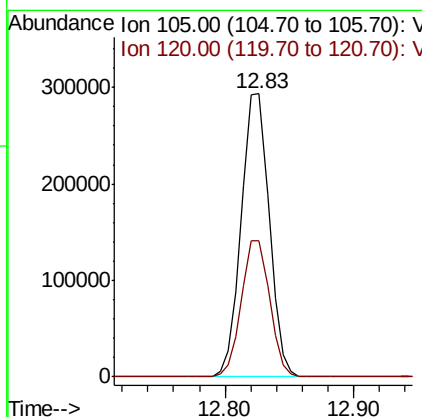
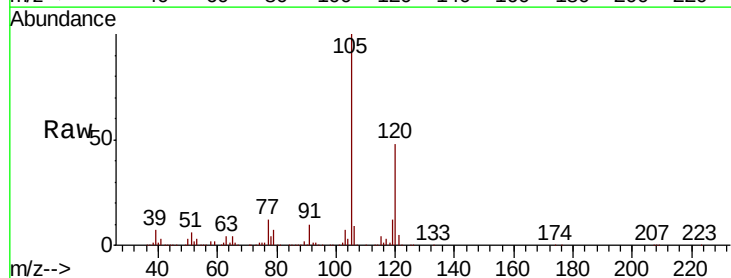
Instrument :
 MSVOA_Y
 ClientSampled :

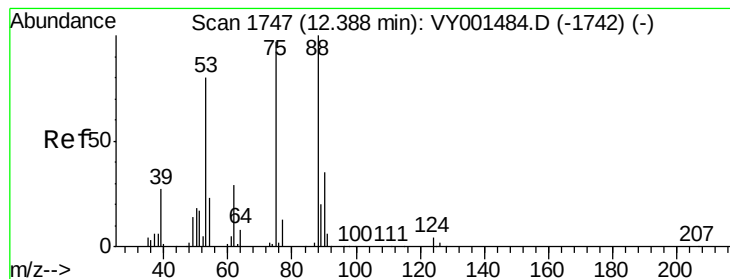
Tot Ion: 91 Resp: 360406
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 46.105 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion: 105 Resp: 441798
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.590 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

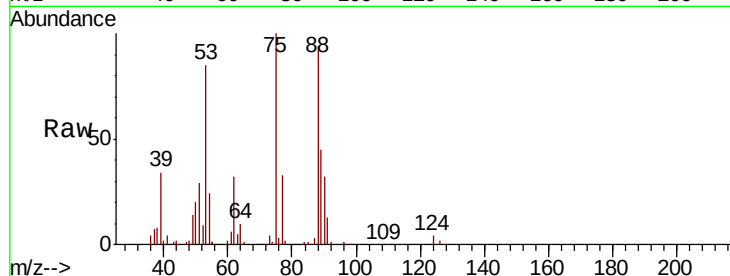
Tot Ion: 75 Resp: 41117

Ion Ratio Lower Upper

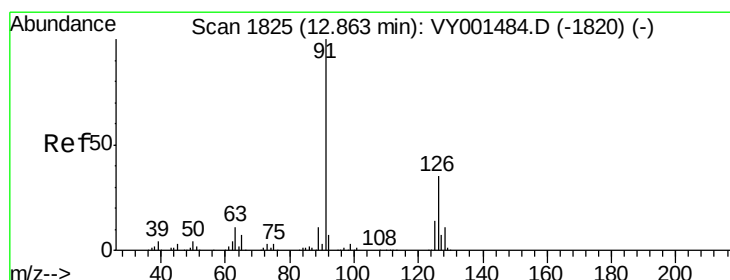
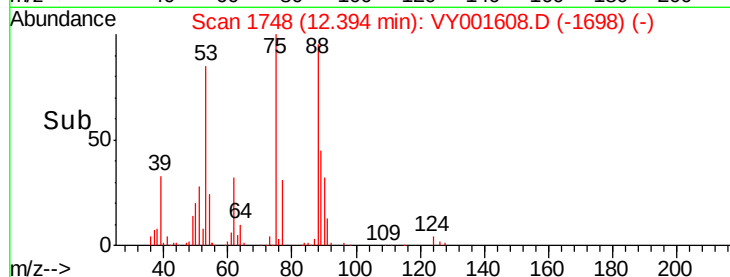
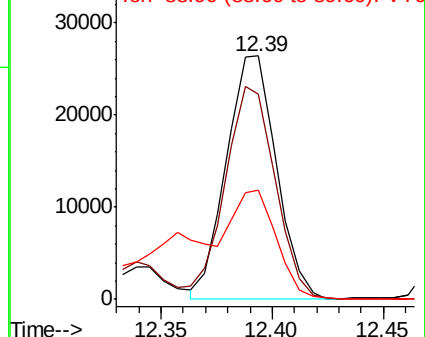
75 100

53 88.6 67.7 101.5

89 40.4 34.6 52.0



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: 46.778 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001608.D

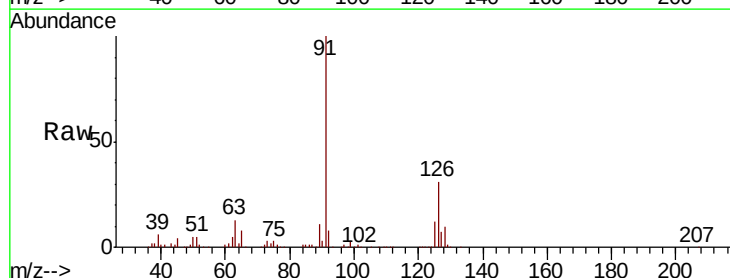
Acq: 12 Feb 2020 11:15

Tgt Ion: 91 Resp: 380810

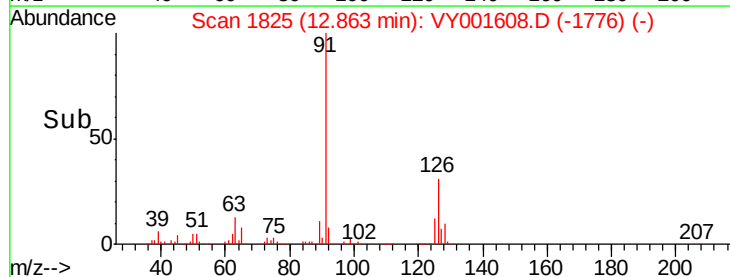
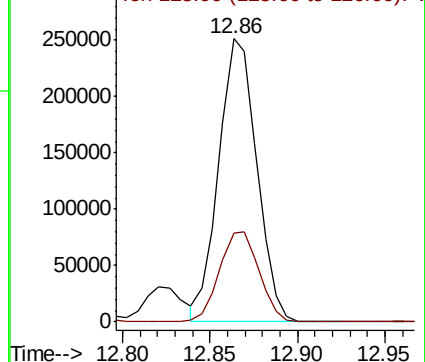
Ion Ratio Lower Upper

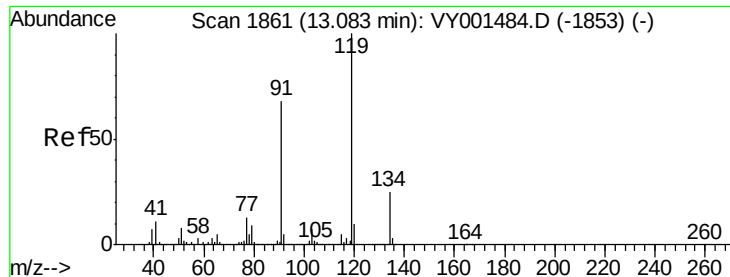
91 100

126 33.3 16.5 49.5



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

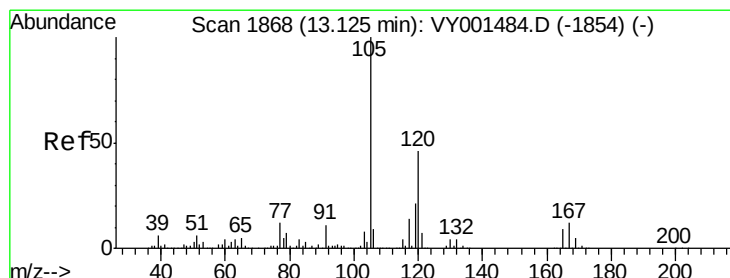
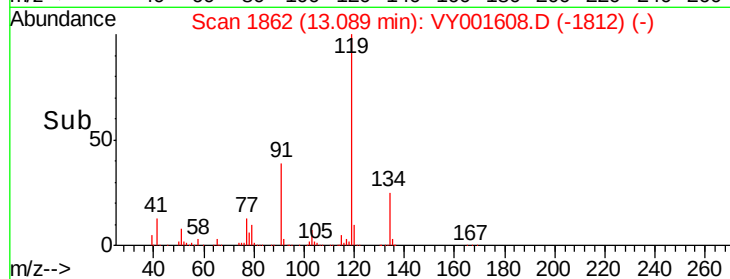
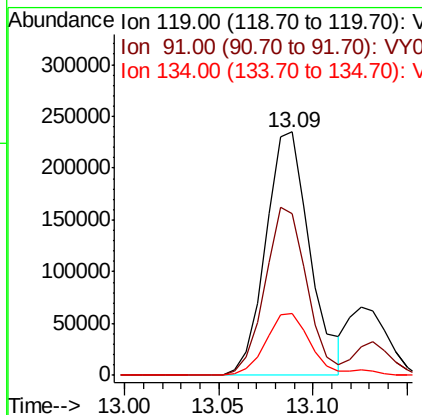
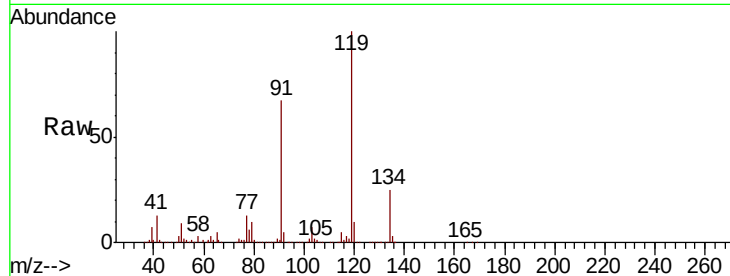




#83
 tert-Butylbenzene
 Concen: 47.207 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

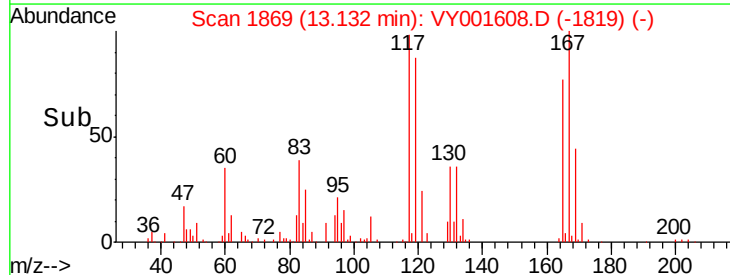
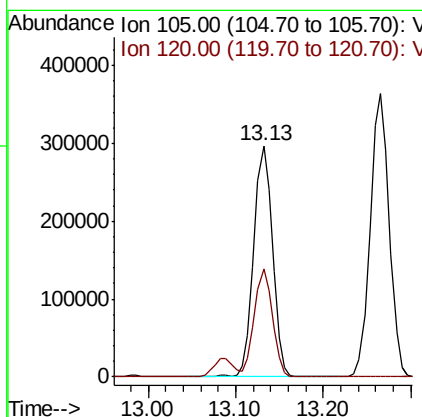
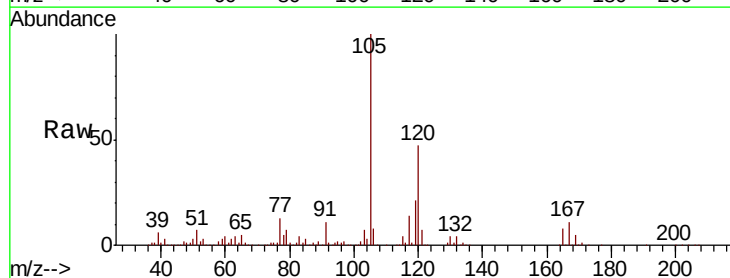
Instrument :
 MSVOA_Y
 ClientSampled :

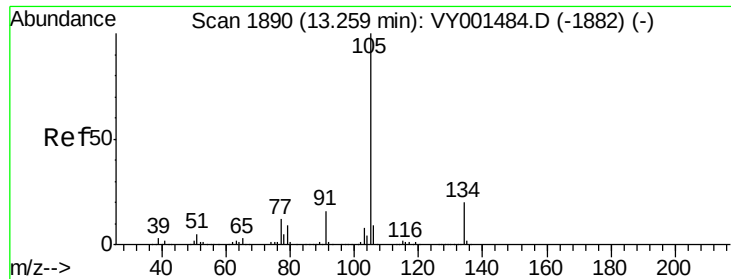
Tot Ion:119 Resp: 382359
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.1 99.3
 134 26.6 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.666 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion:105 Resp: 442582
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 48.281 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

Instrument :

MSVOA_Y

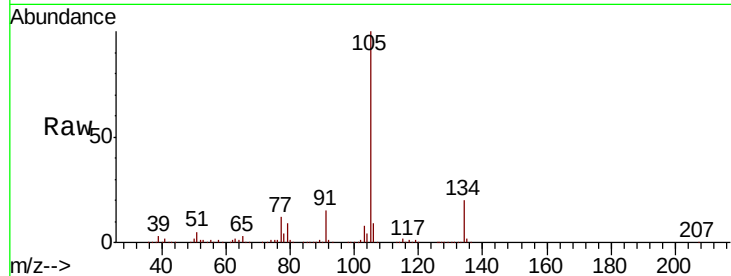
ClientSampleId :

Tot Ion:105 Resp: 549820

Ion Ratio Lower Upper

105 100

134 19.6 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

400000

300000

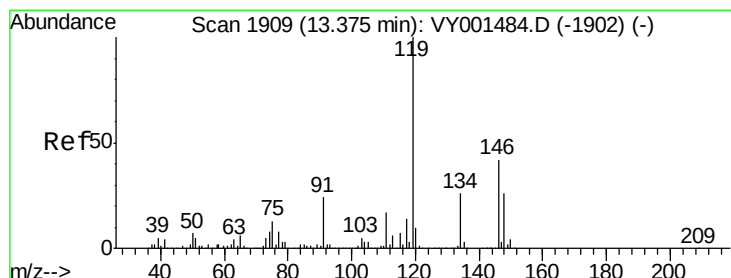
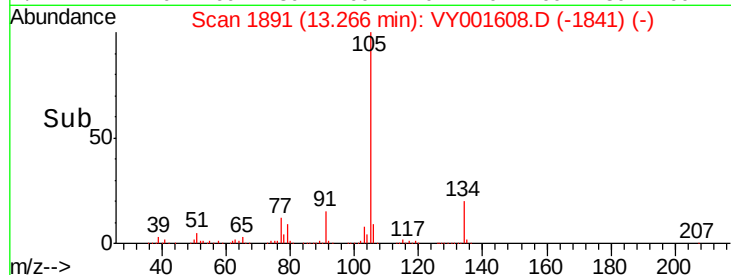
200000

100000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 47.798 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001608.D

Acq: 12 Feb 2020 11:15

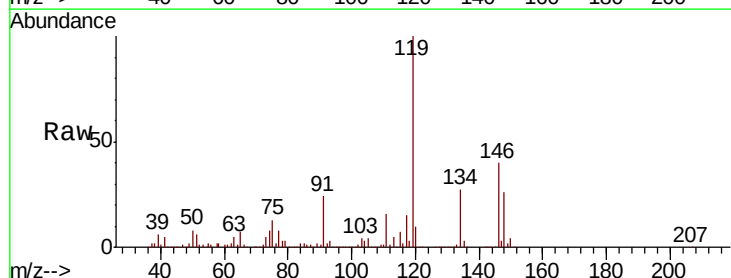
Tgt Ion:119 Resp: 479668

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 23.9 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

13.38

400000

300000

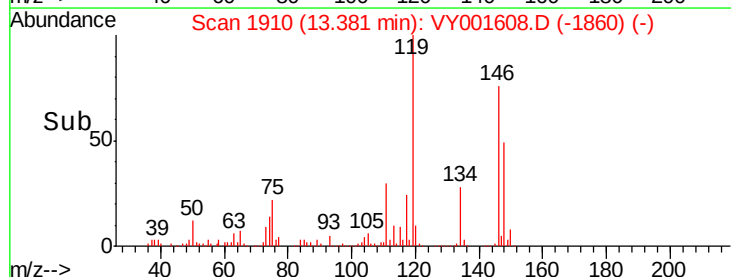
200000

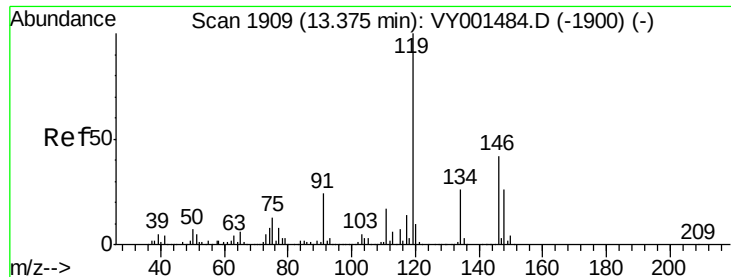
100000

0

Time-->

13.30 13.35 13.40 13.45

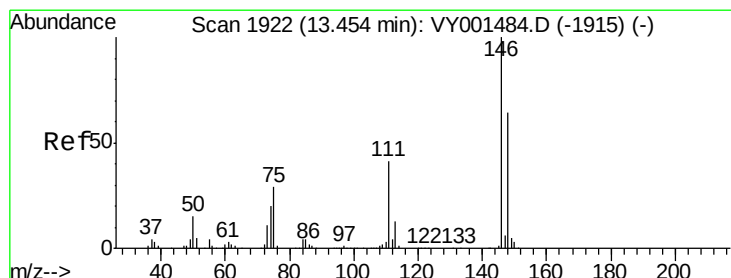
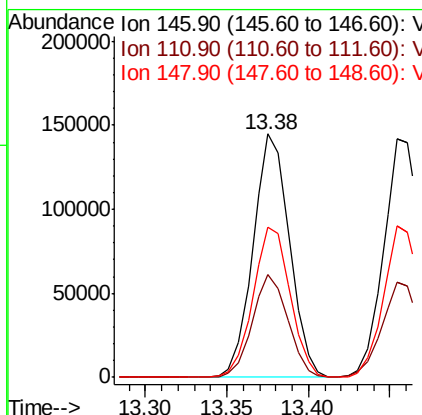
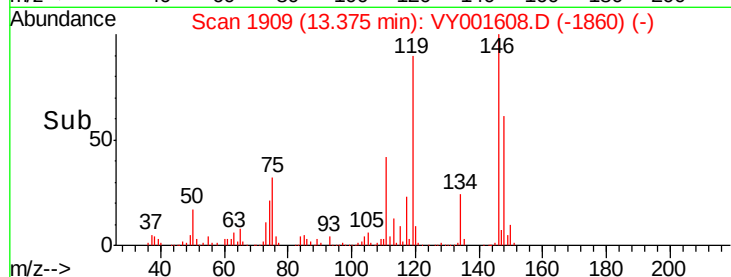
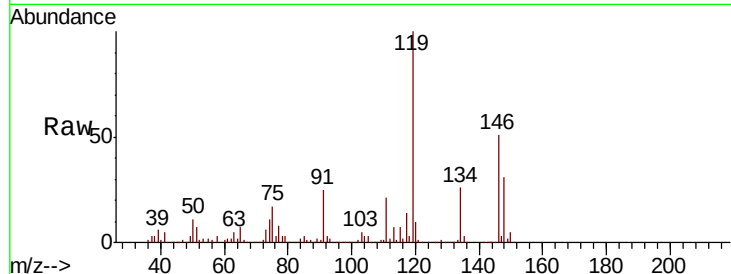




#87
 1,3-Dichlorobenzene
 Concen: 47.471 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

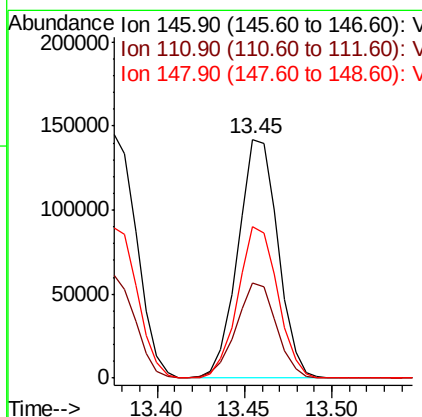
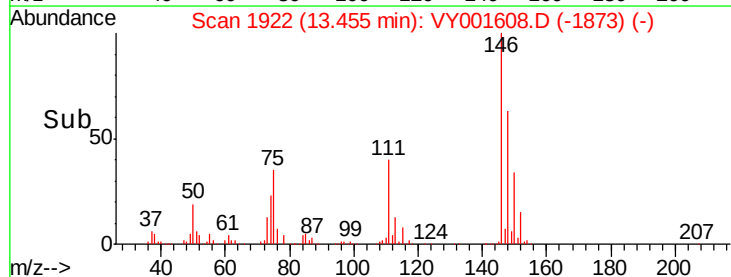
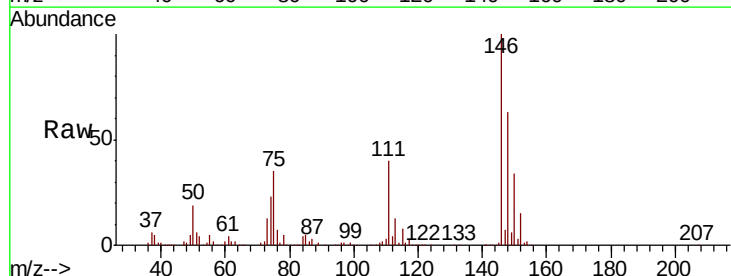
Instrument :
 MSVOA_Y
 ClientSampleId :

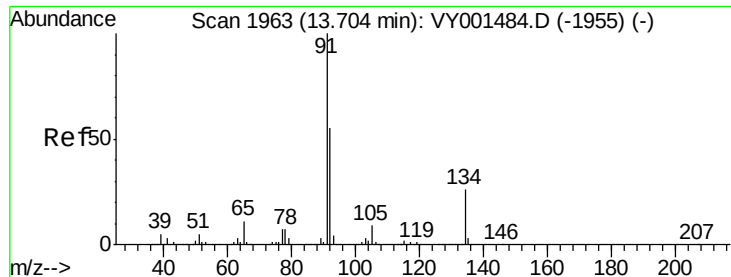
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	63.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.765 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.7	62.1
148	63.1	32.1	96.5

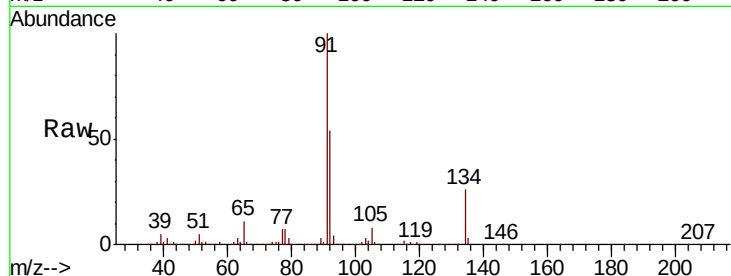




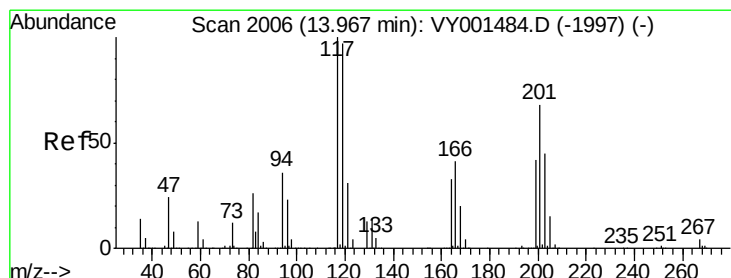
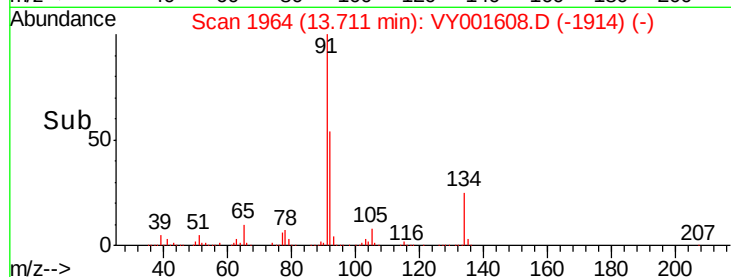
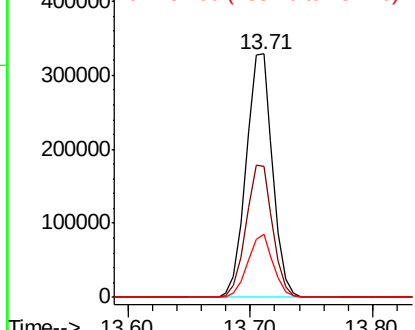
#89
n-Butylbenzene
Concen: 49.668 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 491789
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.9
134 25.1 13.0 38.9

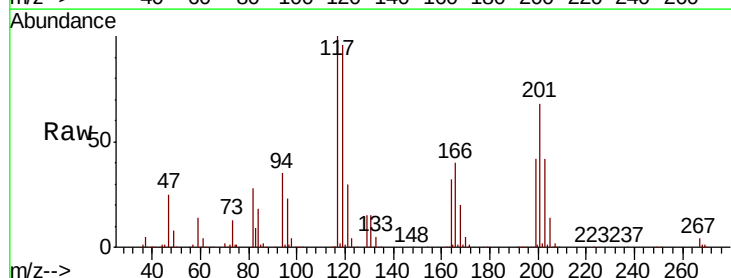


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

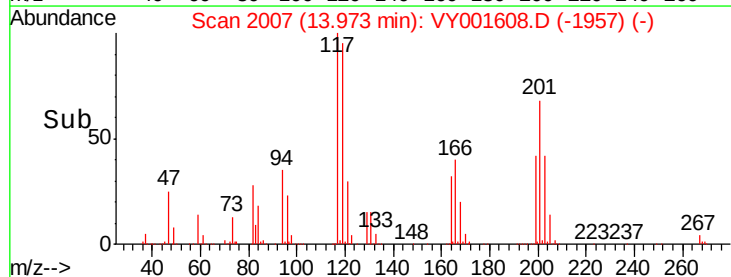
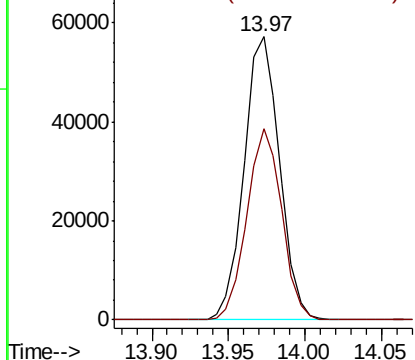


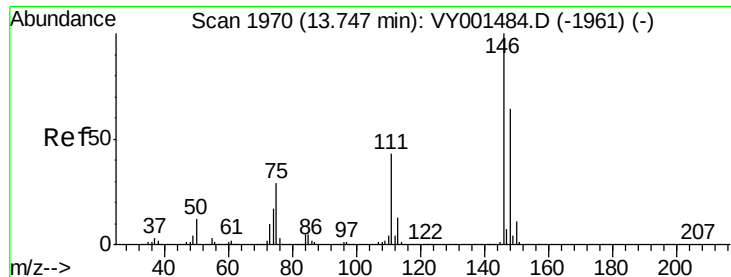
#90
Hexachloroethane
Concen: 47.853 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion: 117 Resp: 92172
Ion Ratio Lower Upper
117 100
201 66.4 34.1 102.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

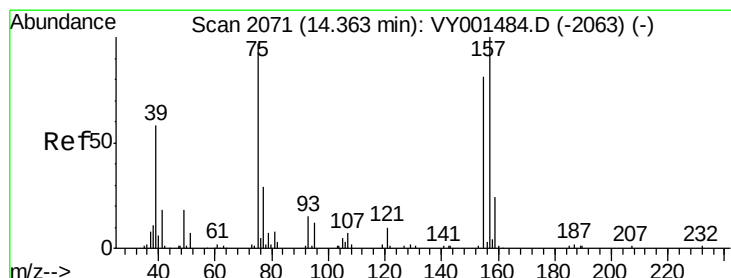
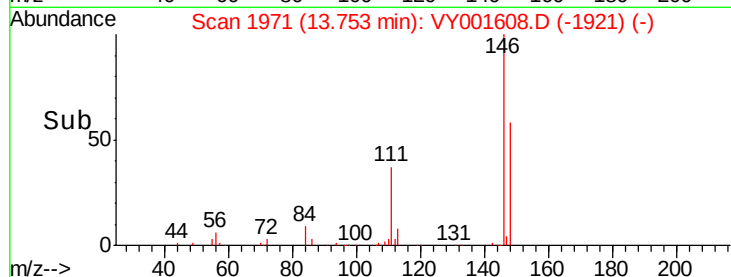
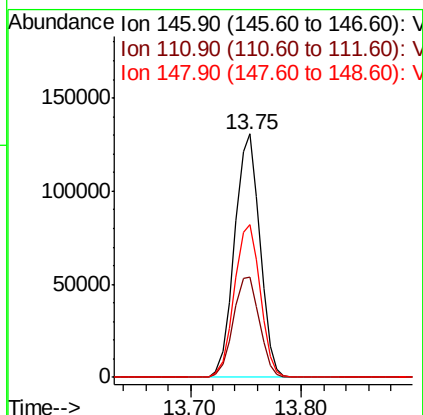
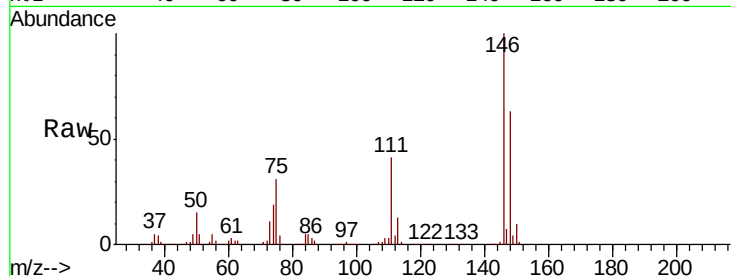




#91
 1,2-Dichlorobenzene
 Concen: 47.981 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

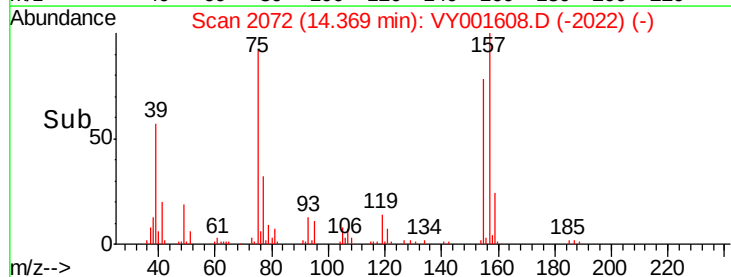
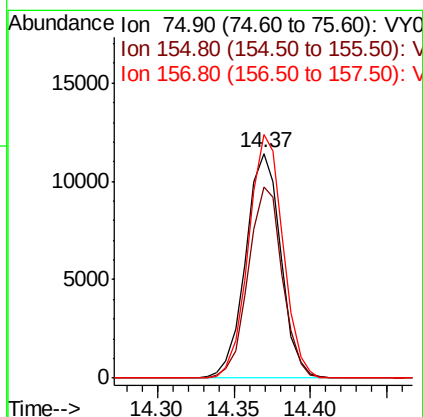
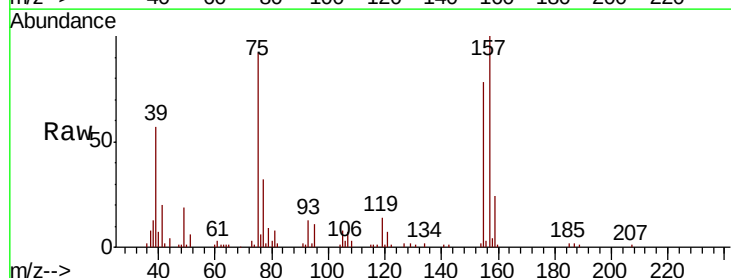
Instrument :
 MSVOA_Y
 ClientSampleId :

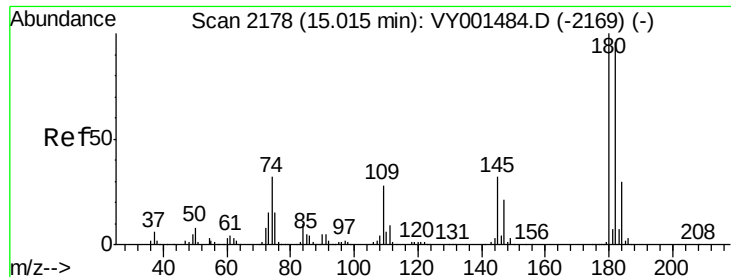
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.9	65.8
148	64.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.673 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	40.7	122.1
157	106.4	52.3	157.1

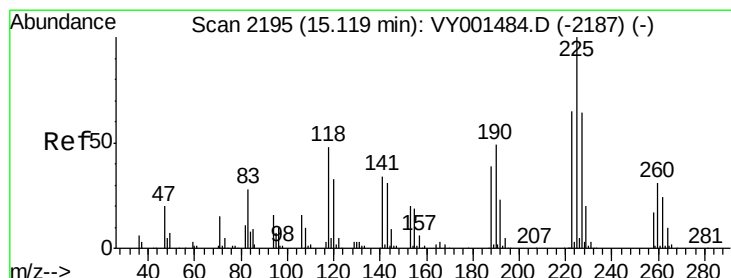
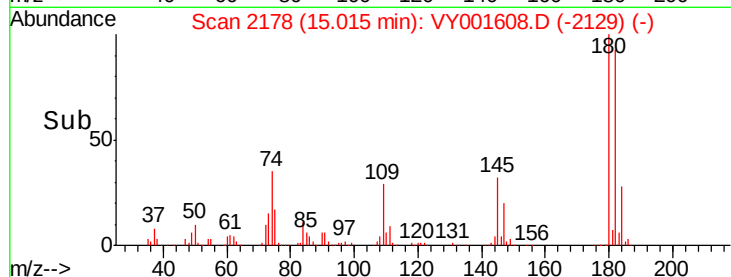
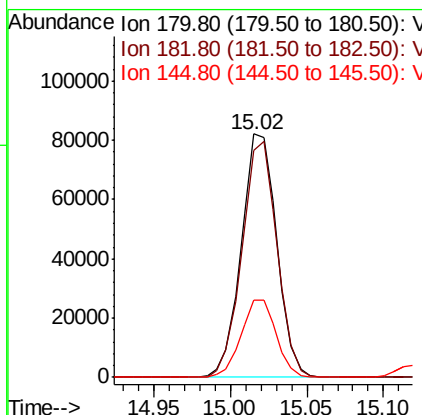
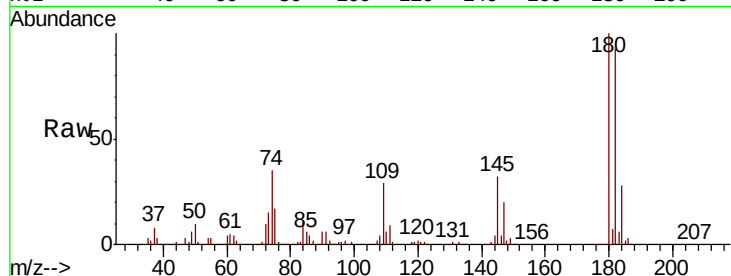




#93
 1,2,4-Trichlorobenzene
 Concen: 45.822 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

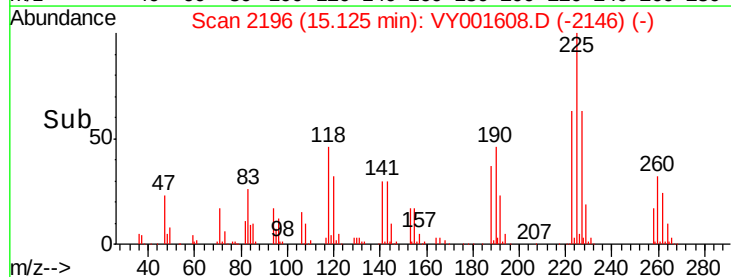
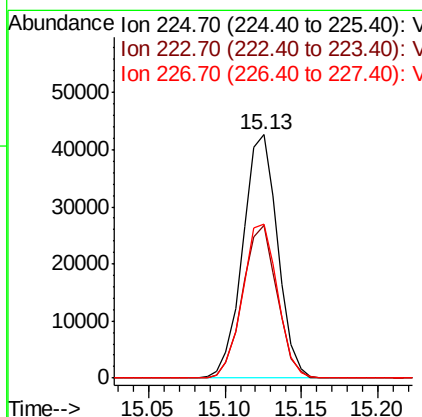
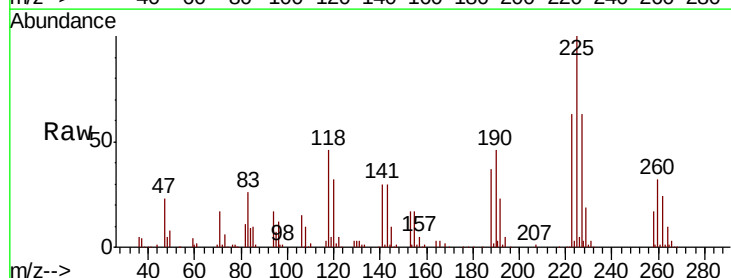
Instrument :
 MSVOA_Y
 ClientSampled :

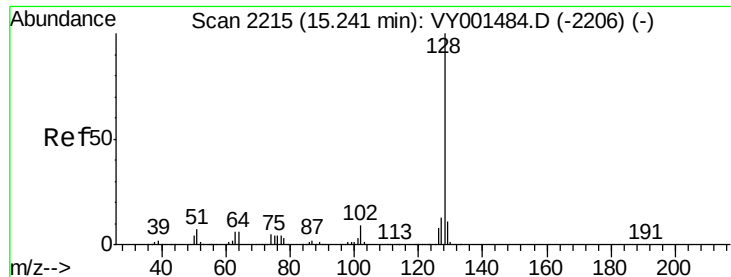
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.7
145	31.6	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 46.076 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001608.D
 Acq: 12 Feb 2020 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.9	95.7
227	63.6	32.6	97.7

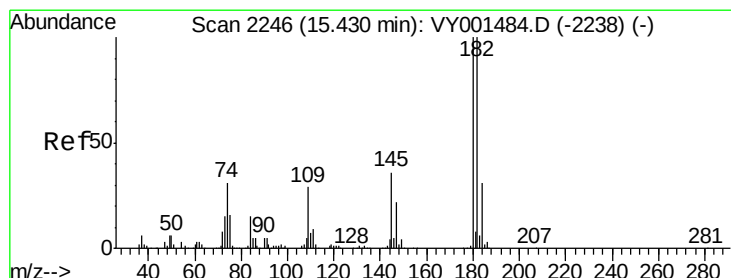
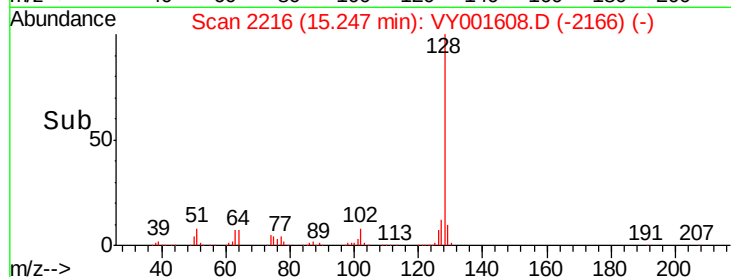
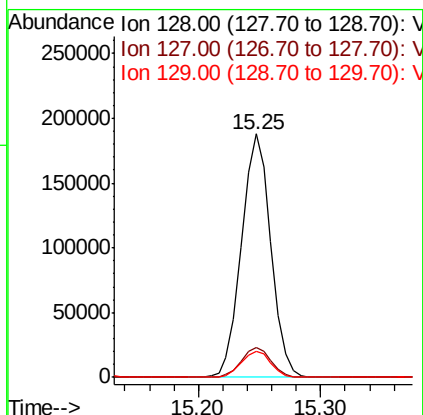
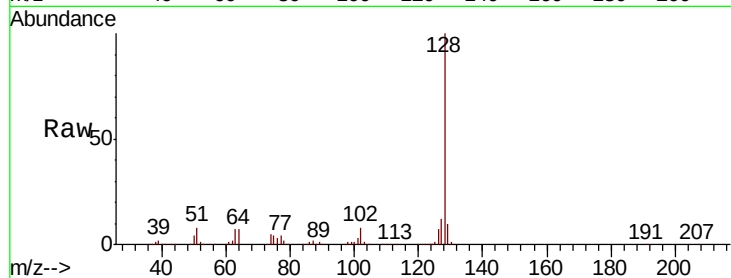




#95
Naphthalene
Concen: 45.961 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.245 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001608.D
Acq: 12 Feb 2020 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.2
145	33.9	17.8	53.5

