

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001548.D
 Acq On : 06 Feb 2020 21:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:10:57 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	7.83	168	201084	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	362987	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	332539	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	161651	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	116334	57.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.75	113	104591	49.97	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.20	98	429486	54.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.50	95	161418	51.74	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	92485	46.986	ug/l	97
3) Chloromethane	2.13	50	124668	60.599	ug/l	96
4) Vinyl Chloride	2.27	62	126918	59.414	ug/l	99
5) Bromomethane	2.67	94	87535	65.158	ug/l	100
6) Chloroethane	2.82	64	81747	63.487	ug/l	99
7) Trichlorofluoromethane	3.15	101	167095	47.257	ug/l	100
8) Diethyl Ether	3.56	74	69637	58.362	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.93	101	104304	49.027	ug/l	99
10) Methyl Iodide	4.12	142	134904	49.765	ug/l	98
11) Tert butyl alcohol	5.00	59	66336	297.835	ug/l	99
12) 1,1-Dichloroethene	3.91	96	107380	50.792	ug/l	97
13) Acrolein	3.76	56	53407	278.584	ug/l	99
14) Allyl chloride	4.52	41	189941	58.730	ug/l	97
15) Acrylonitrile	5.21	53	182829	334.237	ug/l	99
16) Acetone	3.99	43	165347	282.333	ug/l	99
17) Carbon Disulfide	4.23	76	349459	51.924	ug/l	98
18) Methyl Acetate	4.52	43	82839	66.284	ug/l	96
19) Methyl tert-butyl Ether	5.27	73	319491	56.826	ug/l	100
20) Methylene Chloride	4.76	84	128144	56.496	ug/l	87
21) trans-1,2-Dichloroethene	5.26	96	124860	53.126	ug/l	98
22) Diisopropyl ether	6.16	45	410298	64.034	ug/l	92
23) Vinyl Acetate	6.11	43	1376224	337.395	ug/l	96
24) 1,1-Dichloroethane	6.06	63	216379	56.143	ug/l	97
25) 2-Butanone	7.03	43	253441	333.570	ug/l	94
26) 2,2-Dichloropropane	7.02	77	177986	48.253	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	141329	55.056	ug/l	99
28) Bromochloromethane	7.37	49	91235	69.489	ug/l	89
29) Tetrahydrofuran	7.38	42	163382	358.773	ug/l	94
30) Chloroform	7.55	83	209139	53.572	ug/l	99
31) Cyclohexane	7.82	56	207973	52.753	ug/l	92
32) 1,1,1-Trichloroethane	7.74	97	179211	50.632	ug/l	97
36) 1,1-Dichloropropene	7.95	75	168668	50.794	ug/l	98
37) Ethyl Acetate	7.11	43	108806	67.686	ug/l	96
38) Carbon Tetrachloride	7.93	117	151214	47.067	ug/l	99

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

39) Methylcyclohexane	9.21	83	220505	50.432	ug/l	99
40) Benzene	8.19	78	516731	54.556	ug/l	100
41) Methacrylonitrile	7.38	41	148703	199.594	ug/l #	20
42) 1,2-Dichloroethane	8.27	62	145246	55.043	ug/l	99
43) Isopropyl Acetate	8.30	43	212400	66.734	ug/l	94
44) Trichloroethene	8.97	130	128487	50.327	ug/l	96
45) 1,2-Dichloropropane	9.24	63	131233	57.379	ug/l	99
46) Dibromomethane	9.33	93	71363	55.566	ug/l	99
47) Bromodichloromethane	9.52	83	167849	53.640	ug/l	99
48) Methyl methacrylate	9.32	41	96169	66.573	ug/l	94
49) 1,4-Dioxane	9.32	88	19387	1143.034	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	549089	350.311	ug/l	95
52) Toluene	10.27	92	321453	53.489	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	187430	54.993	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	210564	53.813	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	104790	56.870	ug/l	98
56) Ethyl methacrylate	10.53	69	160874	61.383	ug/l	92
57) 1,3-Dichloropropane	10.81	76	184110	56.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	294843	305.809	ug/l	96
59) 2-Hexanone	10.85	43	397552	348.833	ug/l	96
60) Dibromochloromethane	11.00	129	117395	54.049	ug/l	100
61) 1,2-Dibromoethane	11.11	107	100933	55.614	ug/l	100
64) Tetrachloroethene	10.74	164	106368	48.774	ug/l	98
65) Chlorobenzene	11.53	112	336315	51.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	116388	50.931	ug/l	99
67) Ethyl Benzene	11.61	91	621181	51.454	ug/l	98
68) m/p-Xylenes	11.72	106	466301	102.888	ug/l	99
69) o-Xylene	12.05	106	221865	51.921	ug/l	98
70) Styrene	12.06	104	399076	54.005	ug/l	98
71) Bromoform	12.22	173	70108	55.096	ug/l #	99
73) Isopropylbenzene	12.34	105	596466	48.380	ug/l	100
74) N-amyl acetate	12.16	43	206742	64.532	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	135578	57.880	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	176696	101.643	ug/l #	100
77) Bromobenzene	12.63	156	133650	50.092	ug/l	94
78) n-propylbenzene	12.69	91	726117	49.196	ug/l	100
79) 2-Chlorotoluene	12.77	91	411530	48.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	501149	48.266	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	49165	54.724	ug/l	98
82) 4-Chlorotoluene	12.87	91	443171	50.241	ug/l	99
83) tert-Butylbenzene	13.09	119	416750	47.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	507308	49.366	ug/l	99
85) sec-Butylbenzene	13.27	105	607300	49.216	ug/l	100
86) p-Isopropyltoluene	13.38	119	529858	48.728	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	258328	50.521	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	261404	51.030	ug/l	99
89) n-Butylbenzene	13.71	91	538273	50.170	ug/l	99
90) Hexachloroethane	13.98	117	103555	49.617	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	239142	51.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	22901	52.960	ug/l	97

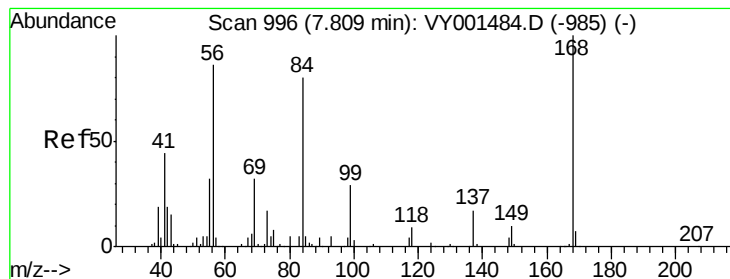
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	155370	49.756	ug/l	98
94) Hexachlorobutadiene	15.12	225	74786	47.189	ug/l	98
95) Naphthalene	15.25	128	377689	51.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	141231	51.237	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

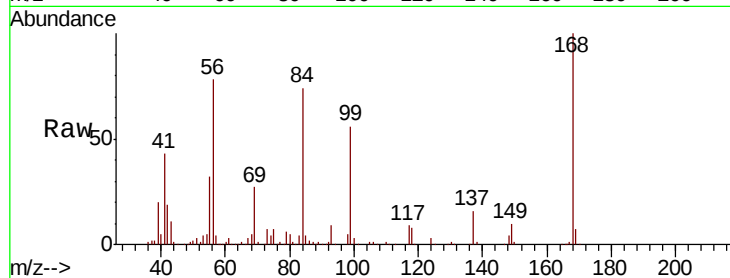
ClientSampleId :

Tot Ion:168 Resp: 201084

Ion Ratio Lower Upper

168 100

99 55.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001548.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001548.D (-947) (-)

7.83

100000

80000

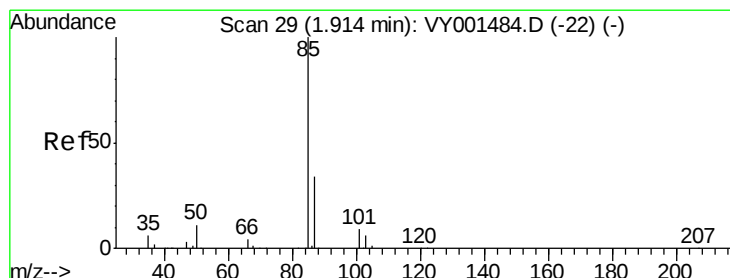
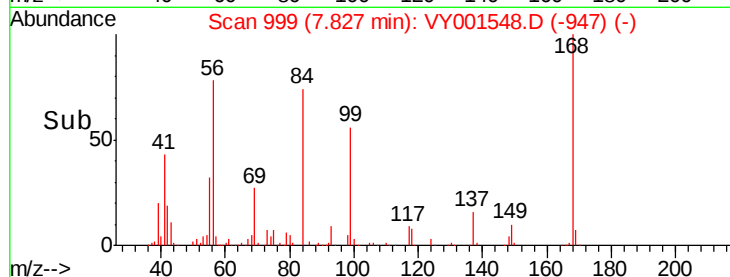
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.986 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001548.D

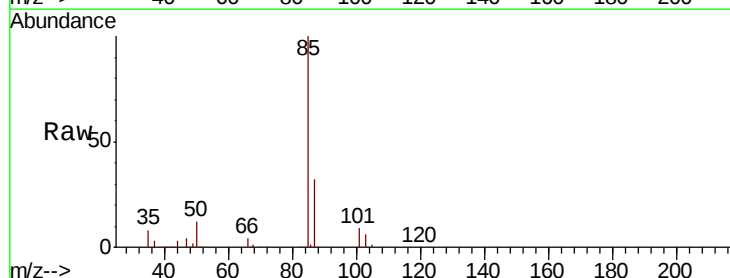
Acq: 06 Feb 2020 21:44

Tgt Ion: 85 Resp: 92485

Ion Ratio Lower Upper

85 100

87 32.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001548.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001548.D (-1) (-)

1.91

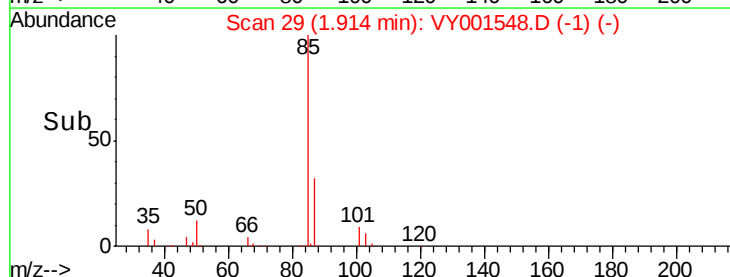
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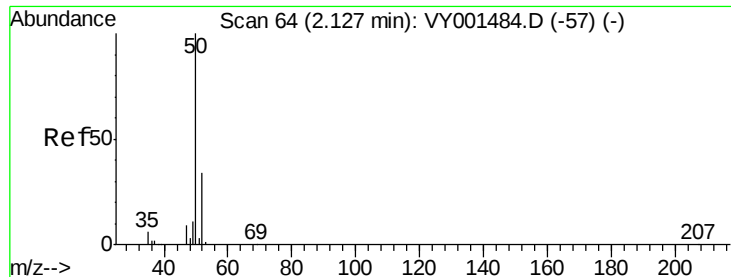
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20000

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Time-->





#3

Chloromethane

Concen: 60.599 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

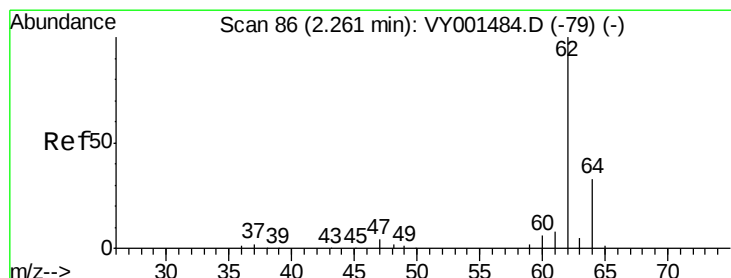
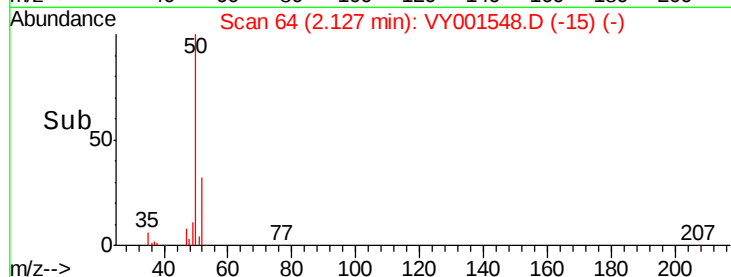
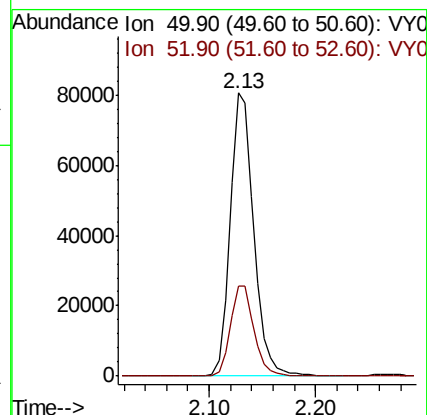
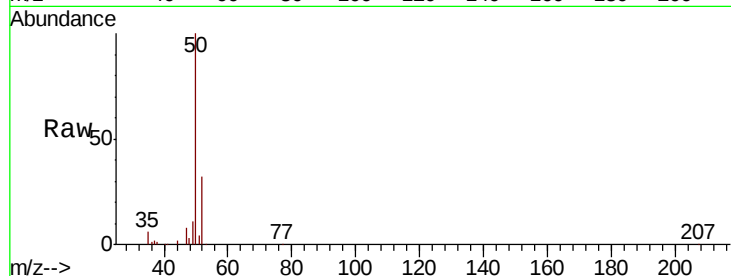
ClientSampleId :

Tot Ion: 50 Resp: 124668

Ion Ratio Lower Upper

50 100

52 31.8 27.3 40.9



#4

Vinyl Chloride

Concen: 59.414 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001548.D

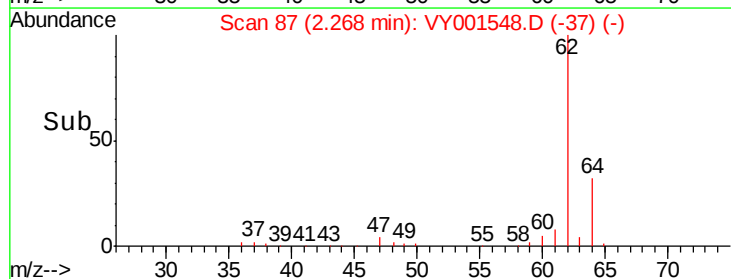
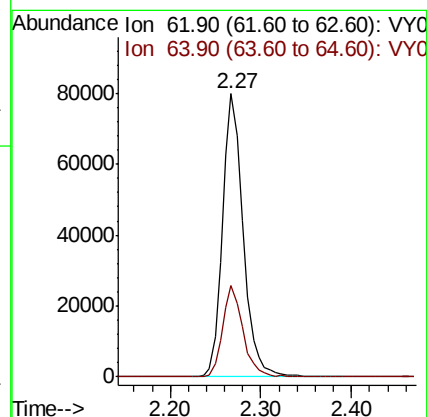
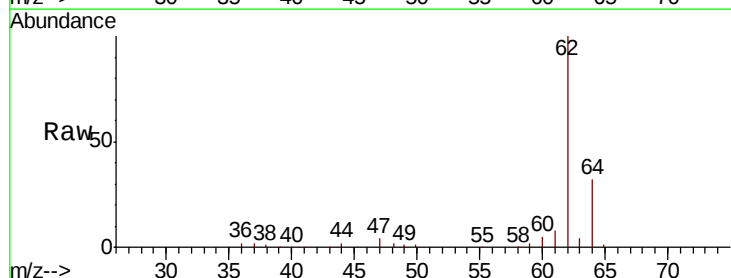
Acq: 06 Feb 2020 21:44

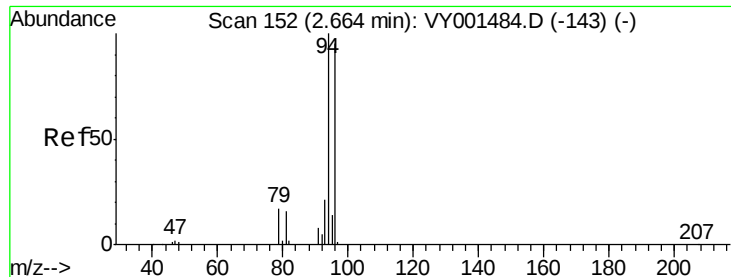
Tgt Ion: 62 Resp: 126918

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 65.158 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

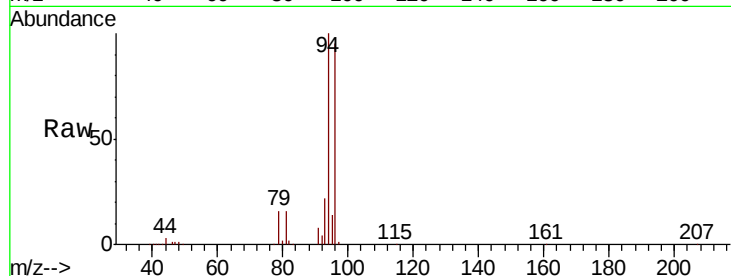
ClientSampleId :

Tot Ion: 94 Resp: 87535

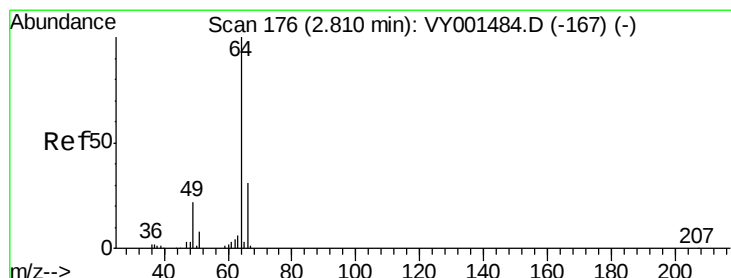
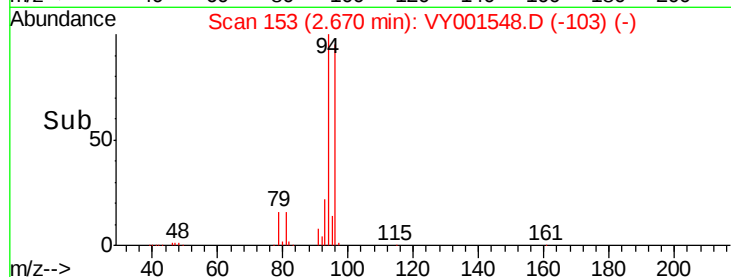
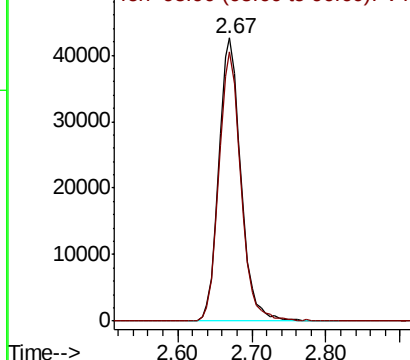
Ion Ratio Lower Upper

94 100

96 95.0 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: 63.487 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001548.D

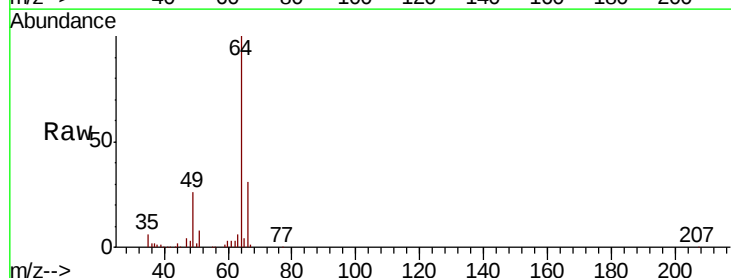
Acq: 06 Feb 2020 21:44

Tgt Ion: 64 Resp: 81747

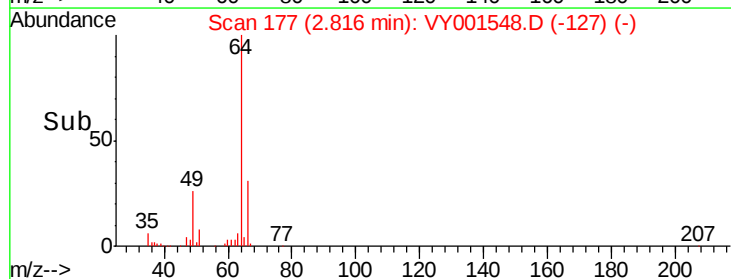
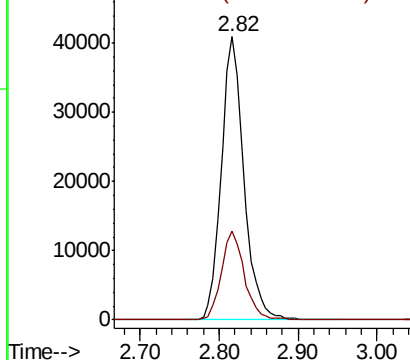
Ion Ratio Lower Upper

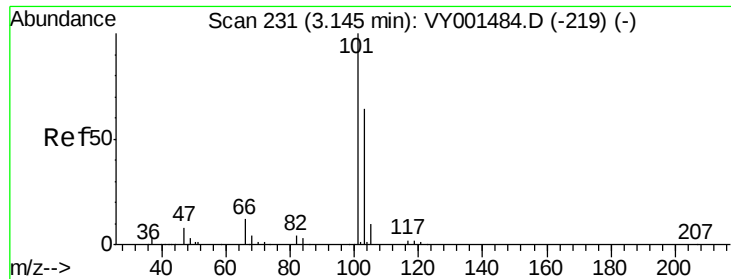
64 100

66 31.3 24.5 36.7



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



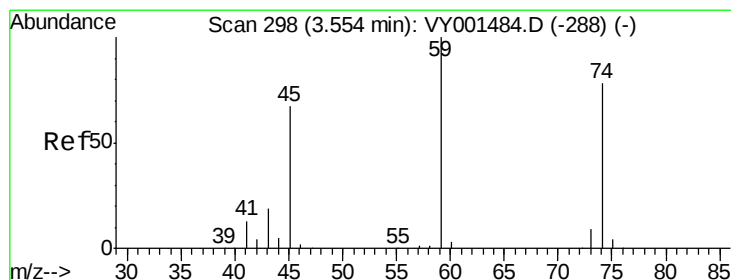
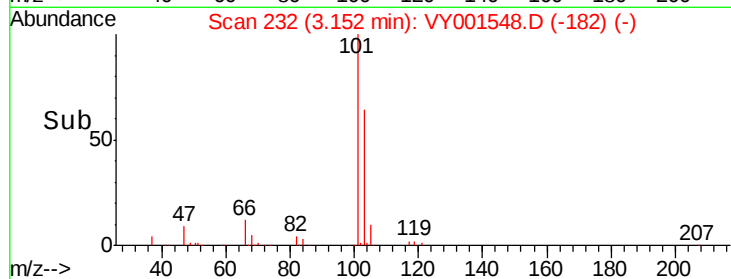
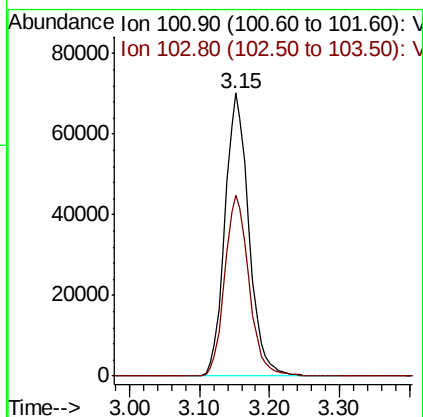
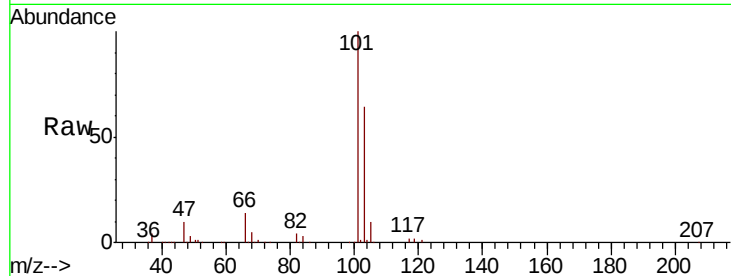


#7

Trichlorofluoromethane
 Concen: 47.257 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :

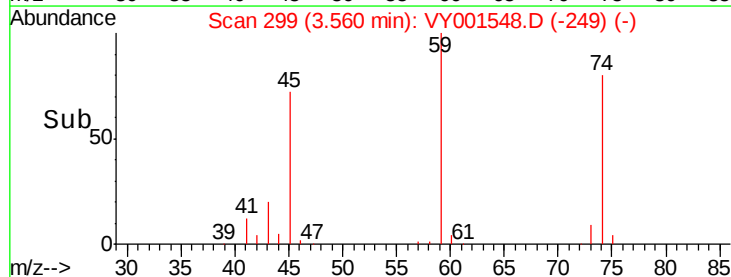
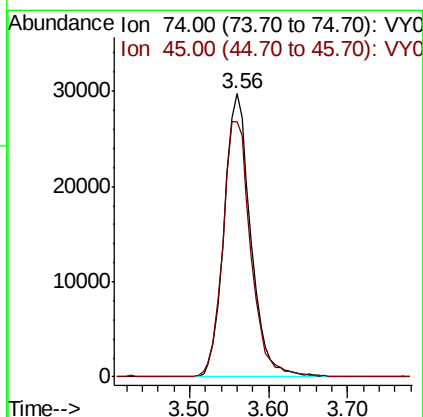
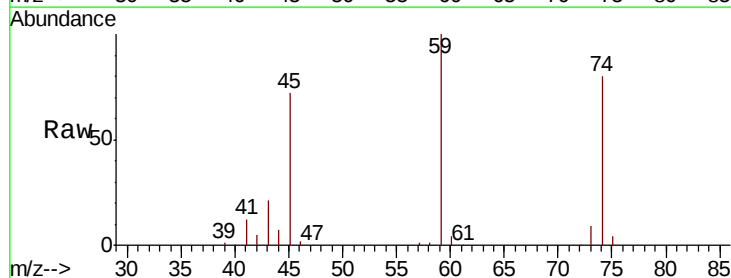
Tot Ion:101 Resp: 167095
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3

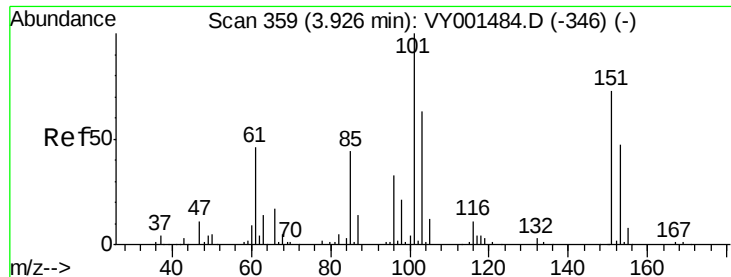


#8

Diethyl Ether
 Concen: 58.362 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion: 74 Resp: 69637
 Ion Ratio Lower Upper
 74 100
 45 95.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.027 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

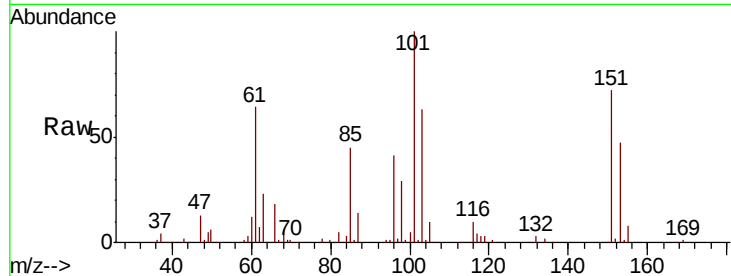
Tot Ion:101 Resp: 104304

Ion Ratio Lower Upper

101 100

85 44.6 34.6 51.8

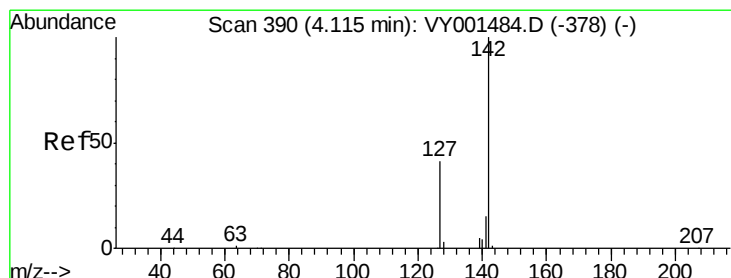
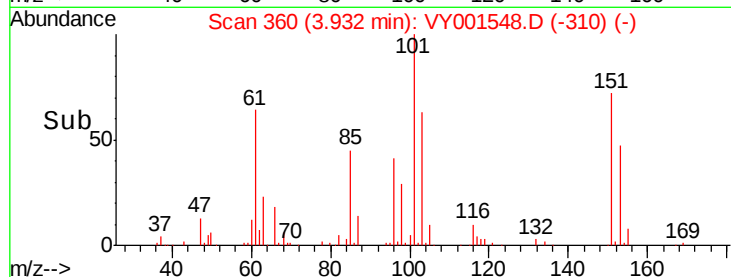
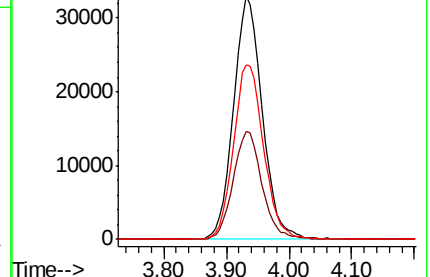
151 75.1 60.3 90.5



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: 49.765 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

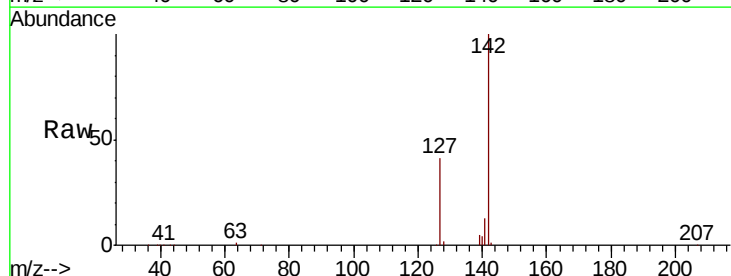
Tgt Ion:142 Resp: 134904

Ion Ratio Lower Upper

142 100

127 40.4 33.3 49.9

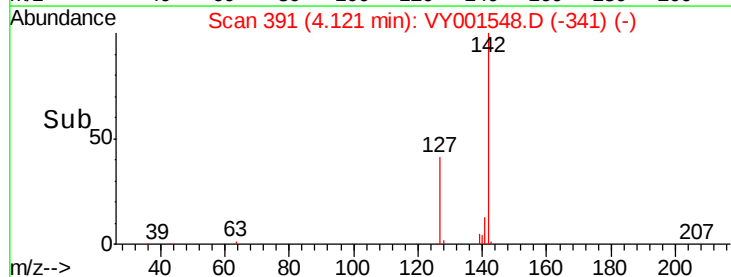
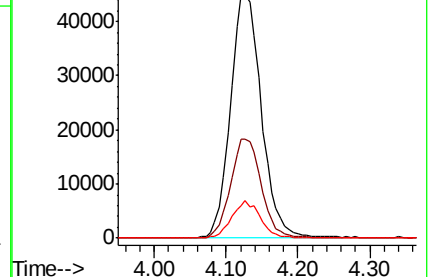
141 14.2 11.5 17.3

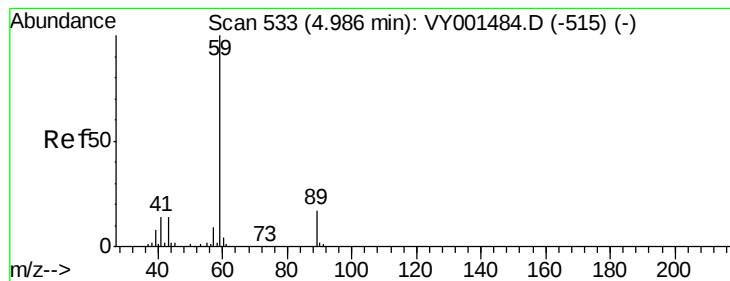


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



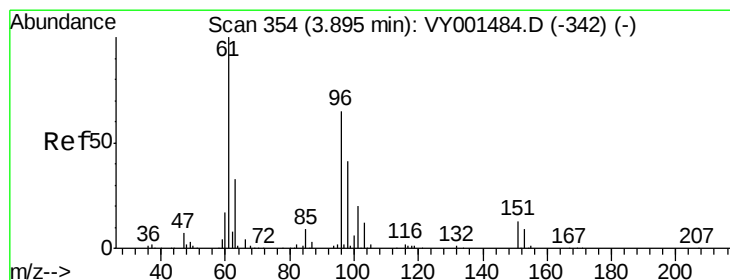
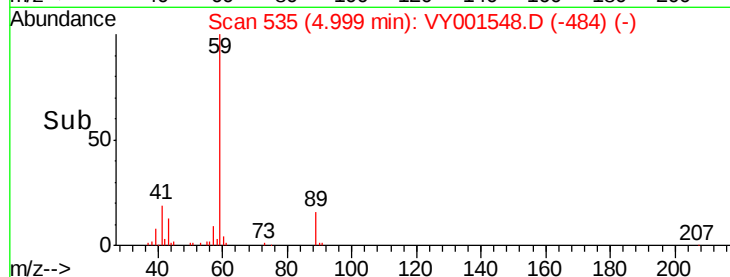
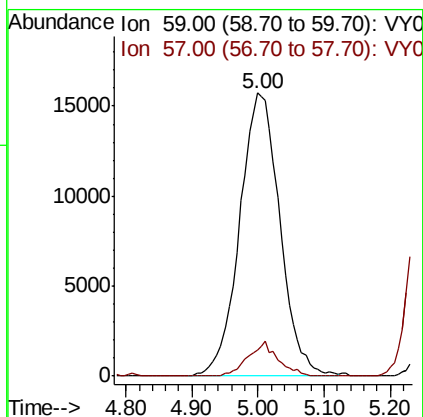
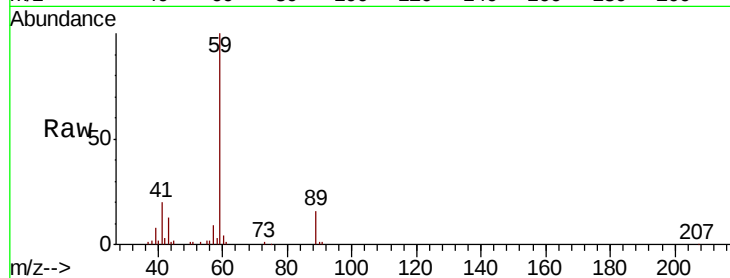


#11

Tert butyl alcohol
Concen: 297.835 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

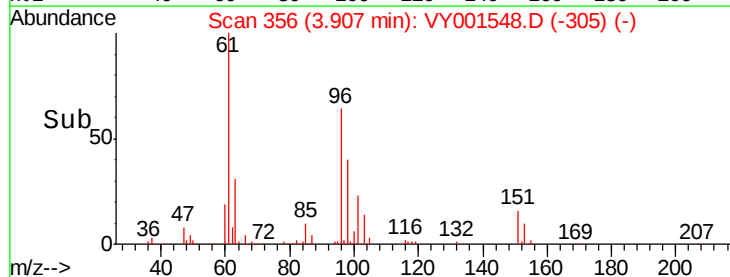
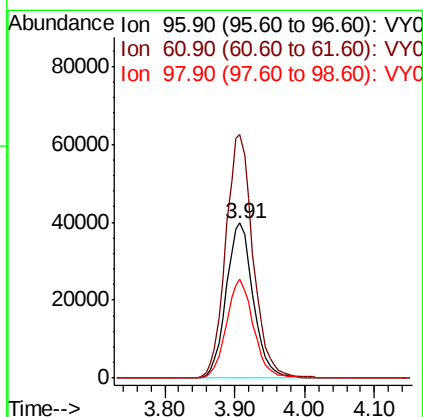
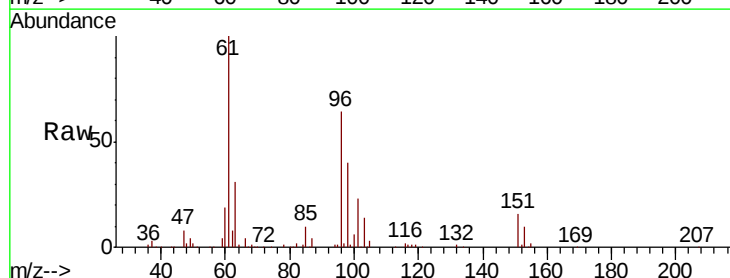
Tot Ion: 59 Resp: 66336
Ion Ratio Lower Upper
59 100
57 9.1 7.0 10.6

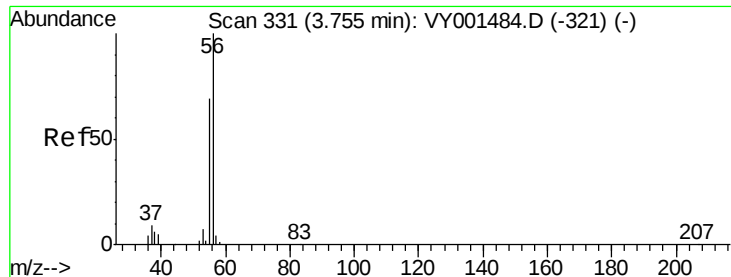


#12

1,1-Dichloroethene
Concen: 50.792 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 96 Resp: 107380
Ion Ratio Lower Upper
96 100
61 157.1 122.3 183.5
98 63.6 49.7 74.5





#13

Acrolein

Concen: 278.584 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

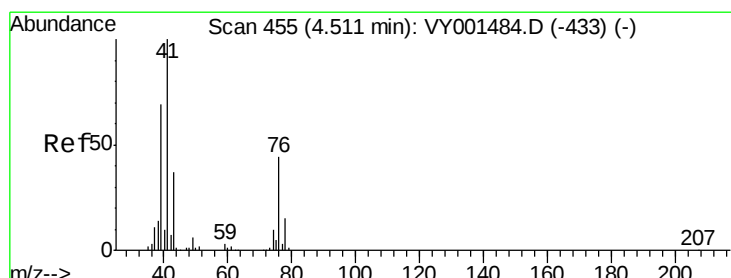
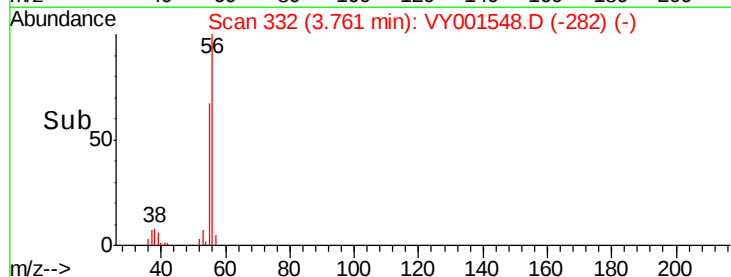
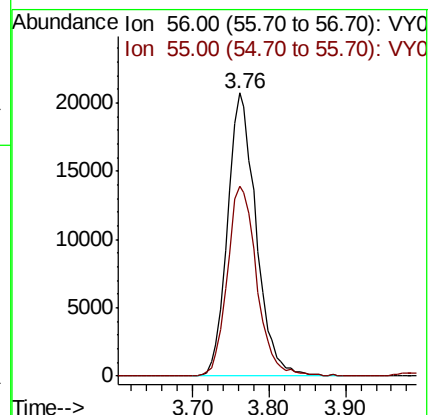
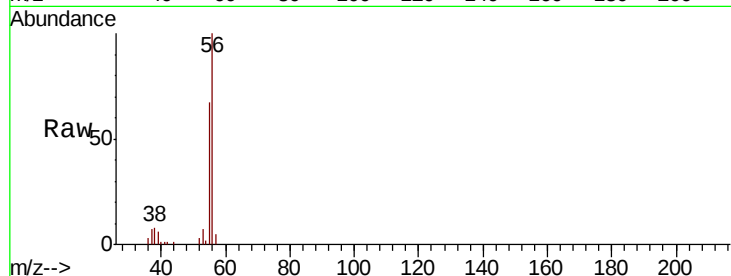
ClientSampleId :

Tot Ion: 56 Resp: 53407

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.4



#14

Allyl chloride

Concen: 58.730 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

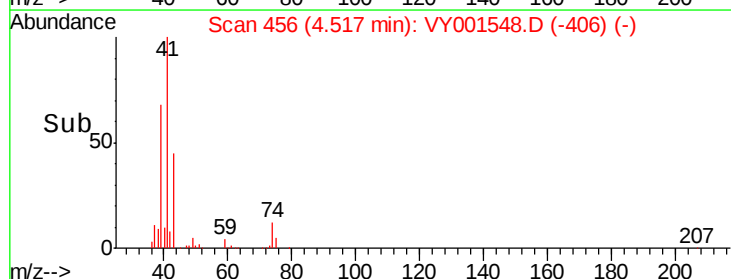
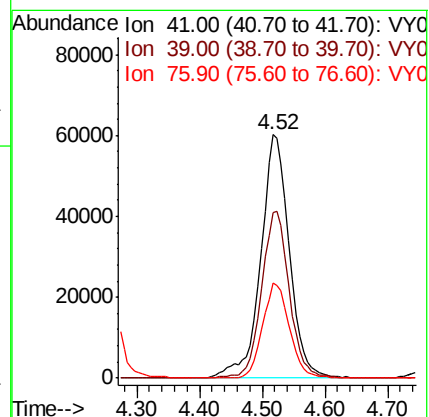
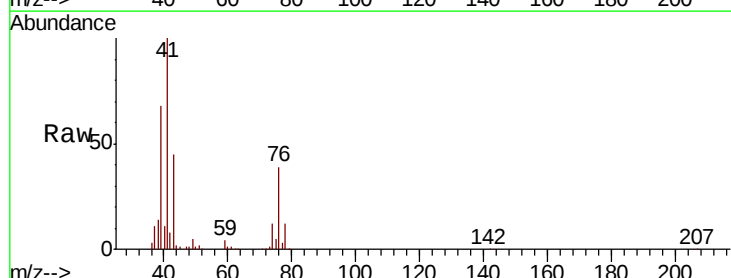
Tgt Ion: 41 Resp: 189941

Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.6

76 36.5 32.6 48.8





#15

Acrylonitrile

Concen: 334.237 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

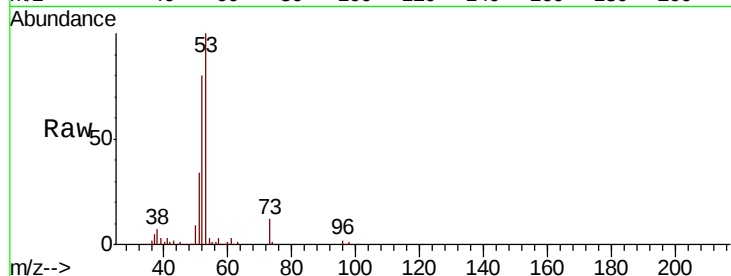
Tot Ion: 53 Resp: 182829

Ion Ratio Lower Upper

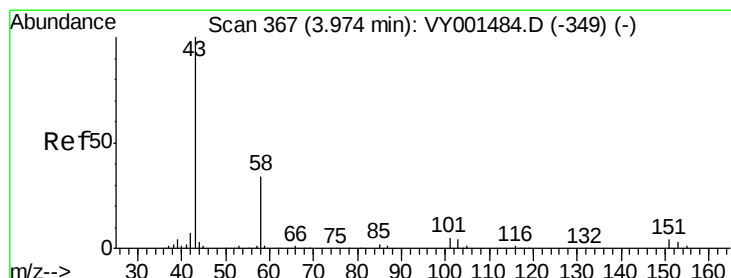
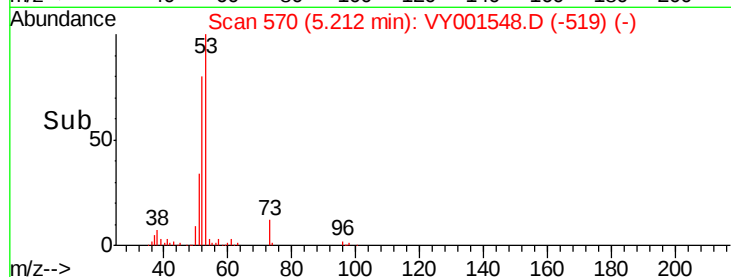
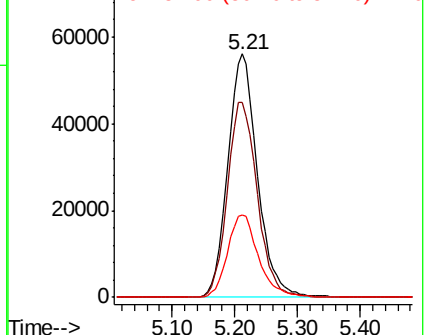
53 100

52 81.2 65.4 98.2

51 35.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 282.333 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001548.D

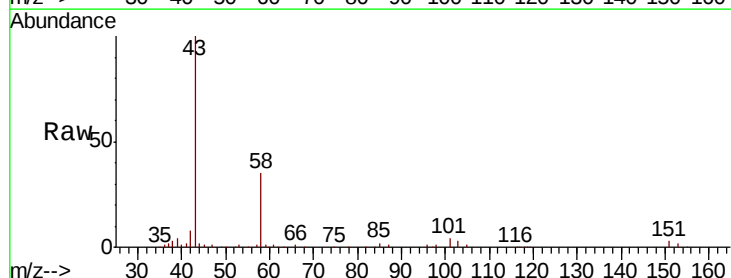
Acq: 06 Feb 2020 21:44

Tgt Ion: 43 Resp: 165347

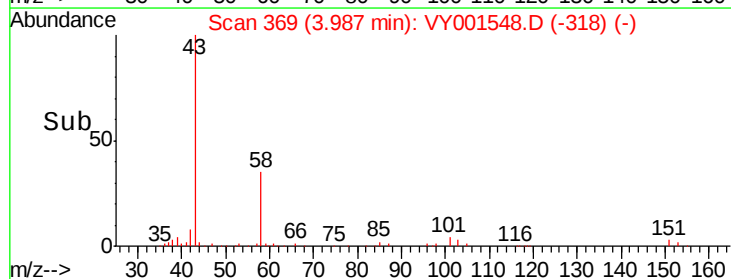
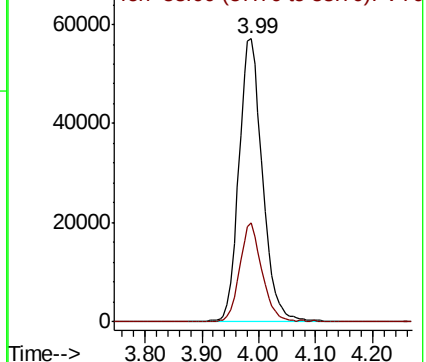
Ion Ratio Lower Upper

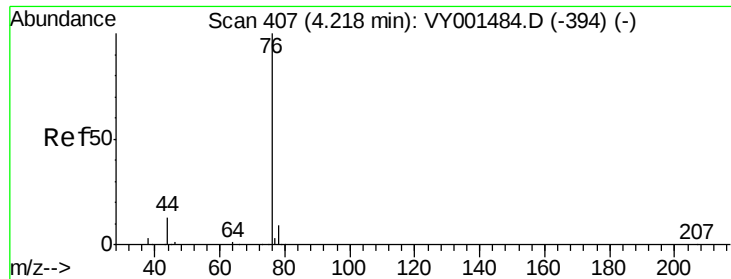
43 100

58 35.0 27.5 41.3



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

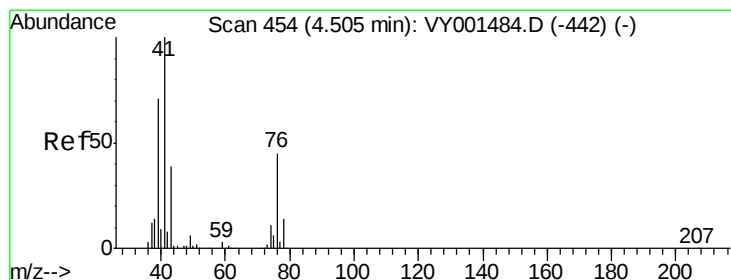
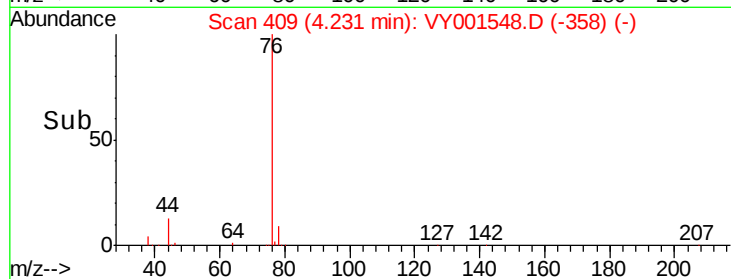
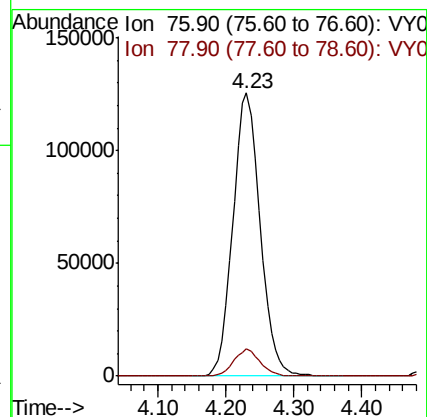
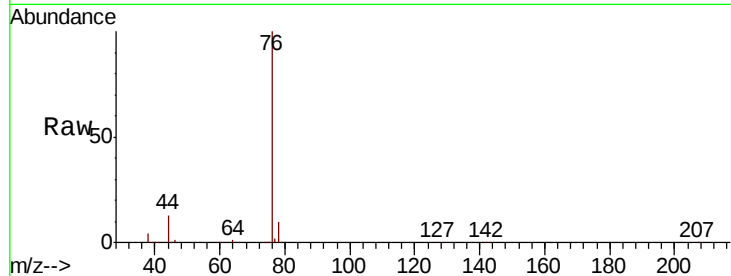




#17
Carbon Disulfide
Concen: 51.924 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

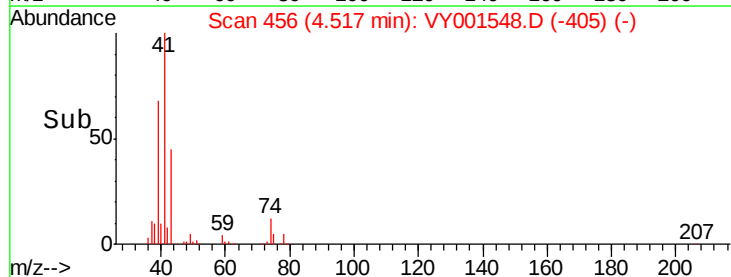
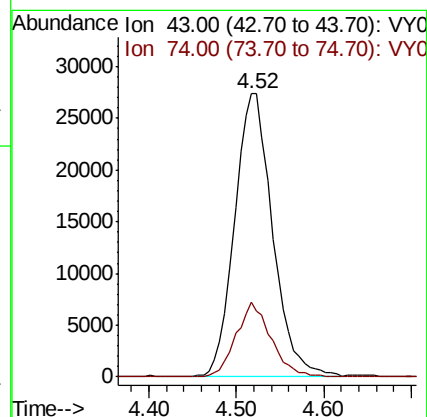
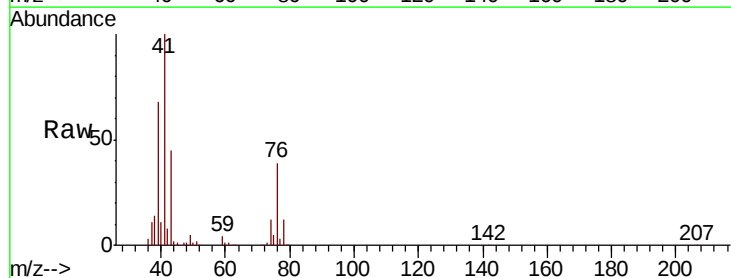
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 76 Resp: 349459
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 66.284 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 43 Resp: 82839
Ion Ratio Lower Upper
43 100
74 24.1 21.0 31.6

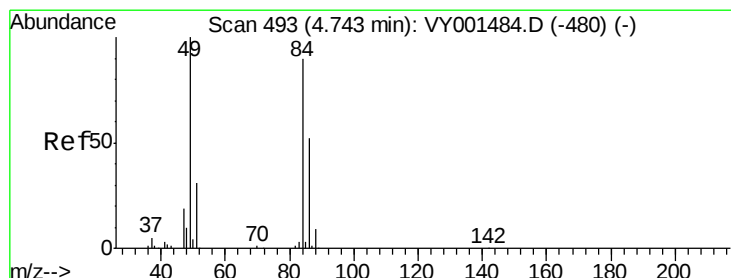
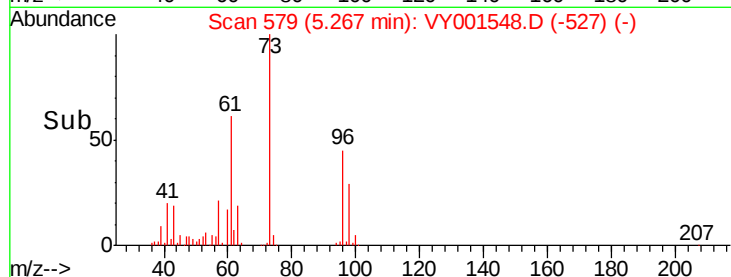
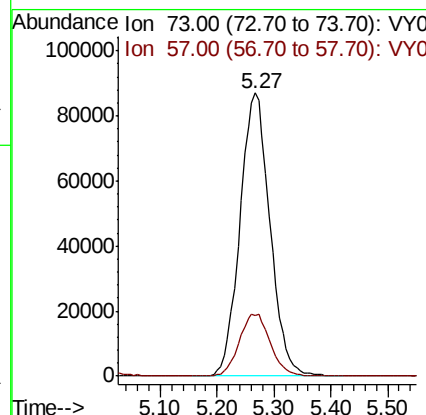
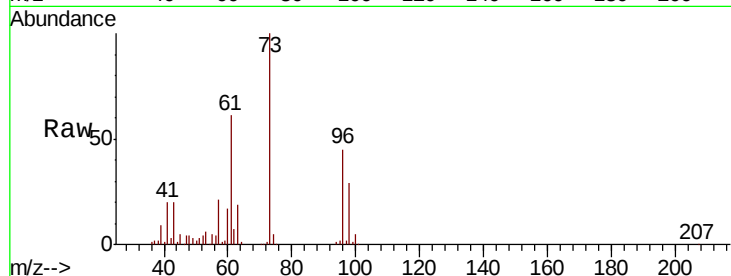




#19
Methyl tert-butyl Ether
Concen: 56.826 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.02 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

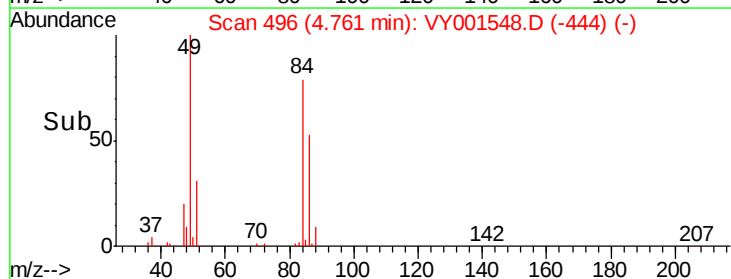
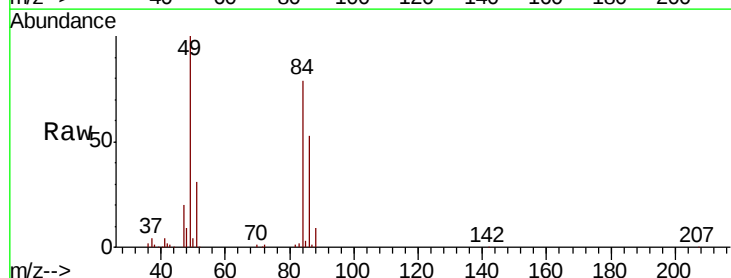
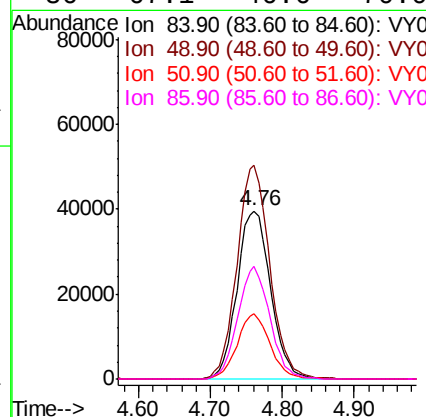
Instrument :
MSVOA_Y
ClientSampleId :

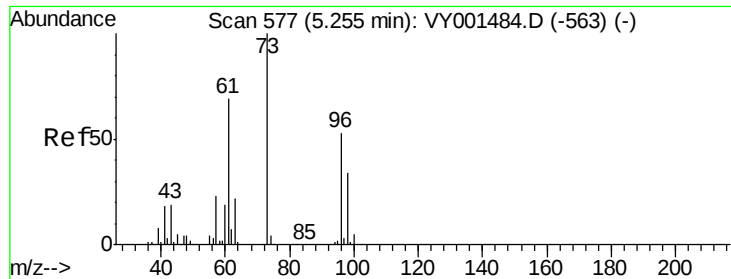
Tot Ion: 73 Resp: 319491
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 56.496 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 84 Resp: 128144
Ion Ratio Lower Upper
84 100
49 127.3 89.0 133.6
51 38.9 27.4 41.2
86 67.1 46.6 70.0

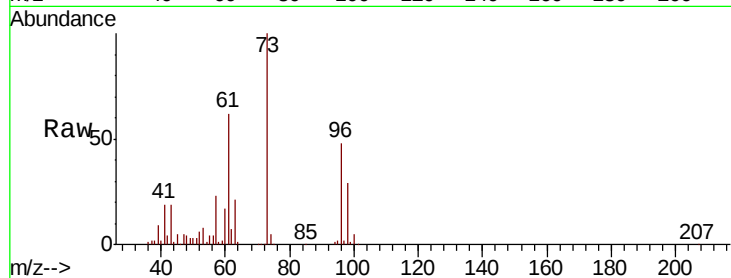




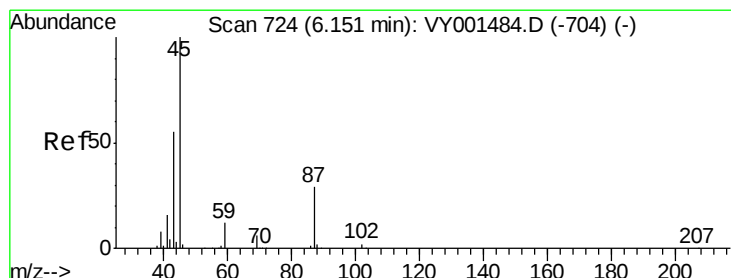
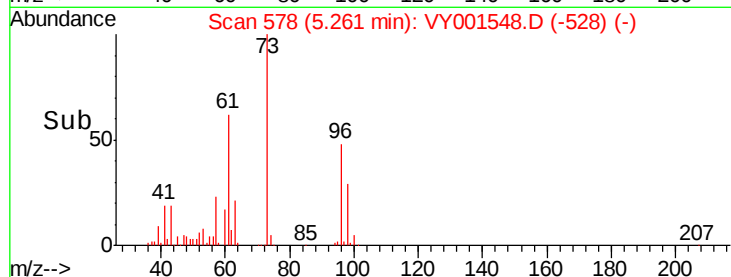
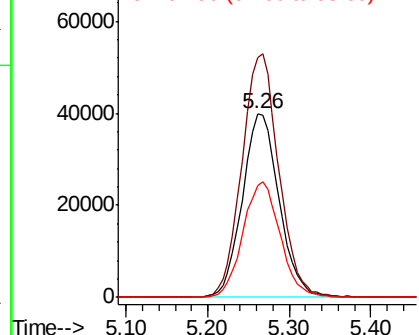
#21
trans-1,2-Dichloroethene
Concen: 53.126 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 124860
Ion Ratio Lower Upper
96 100
61 130.4 104.2 156.4
98 60.7 51.4 77.0

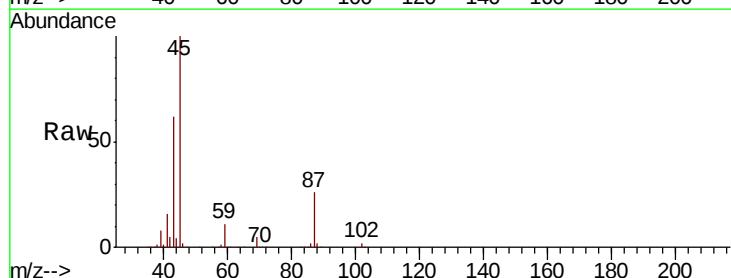


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

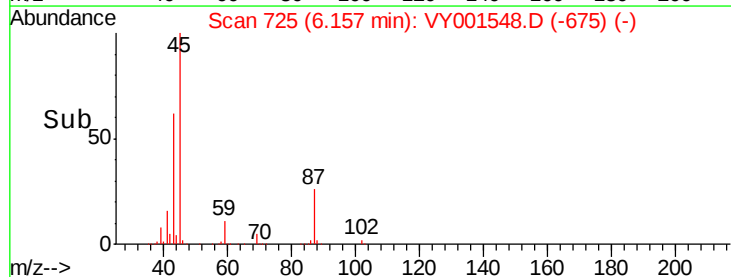
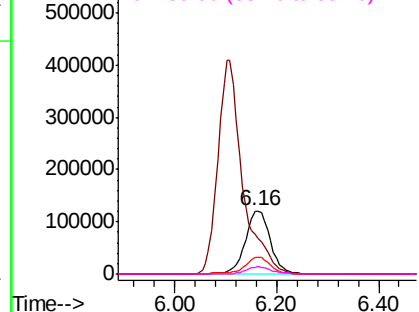


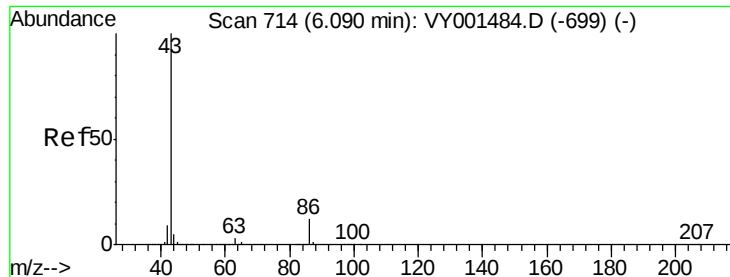
#22
Diisopropyl ether
Concen: 64.034 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 45 Resp: 410298
Ion Ratio Lower Upper
45 100
43 62.1 44.2 66.4
87 26.1 23.9 35.9
59 11.0 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: 337.395 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.02 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

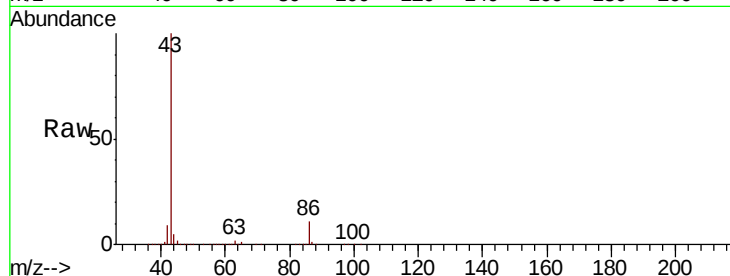
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1376224

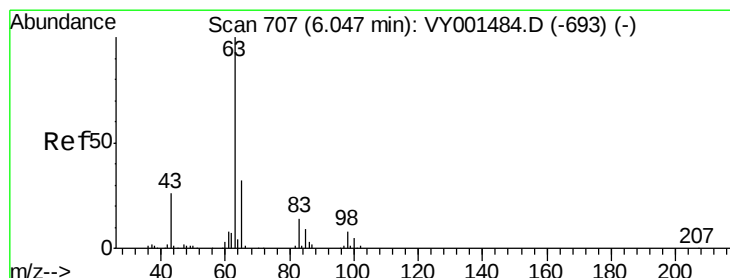
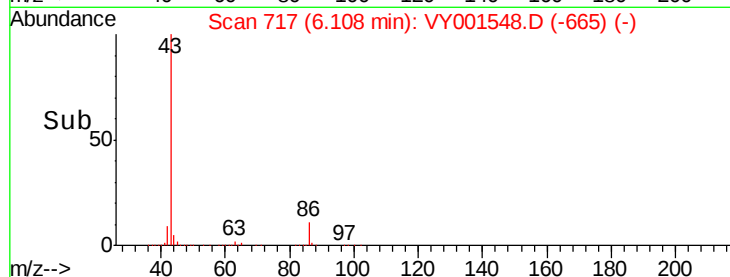
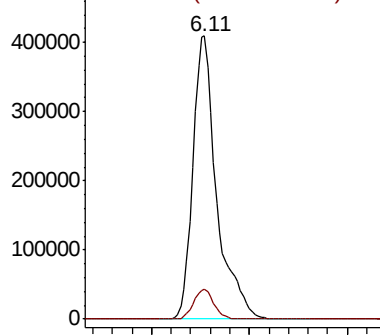
Ion Ratio Lower Upper

43 100

86 10.6 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: 56.143 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

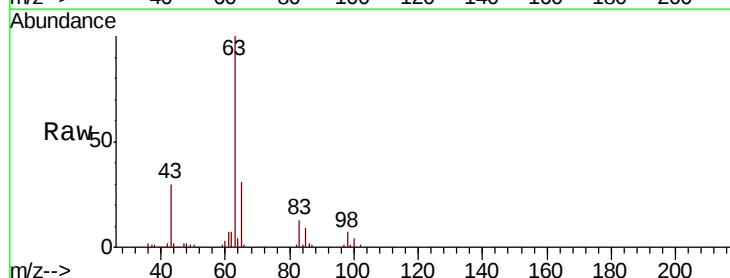
Tgt Ion: 63 Resp: 216379

Ion Ratio Lower Upper

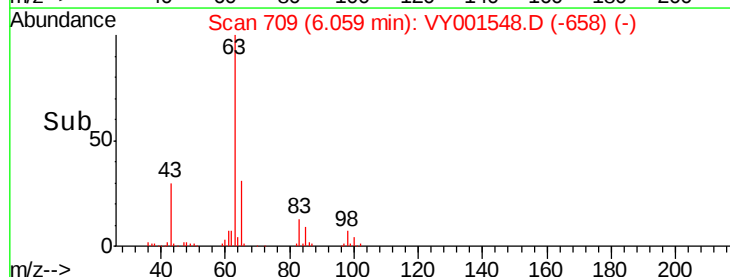
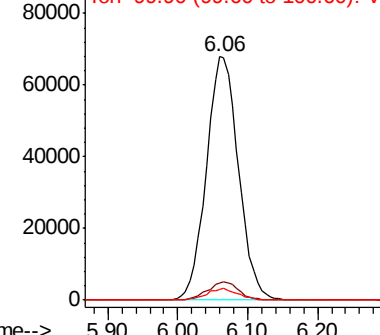
63 100

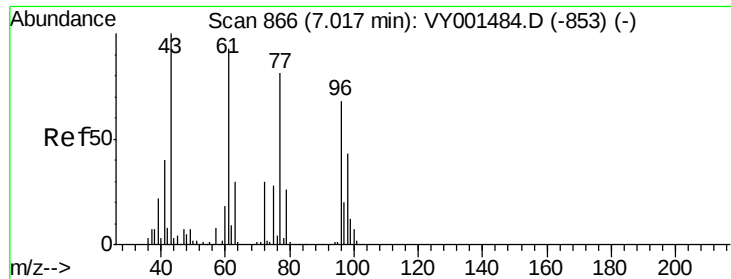
98 6.9 4.0 11.9

100 4.2 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: 333.570 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

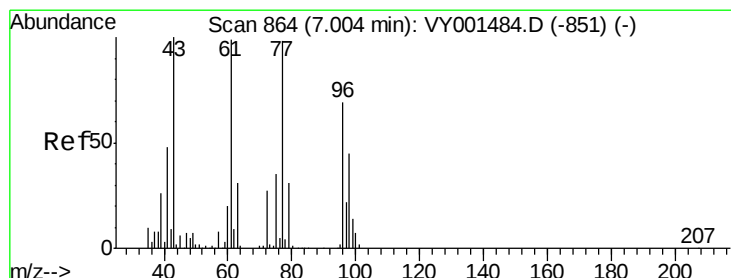
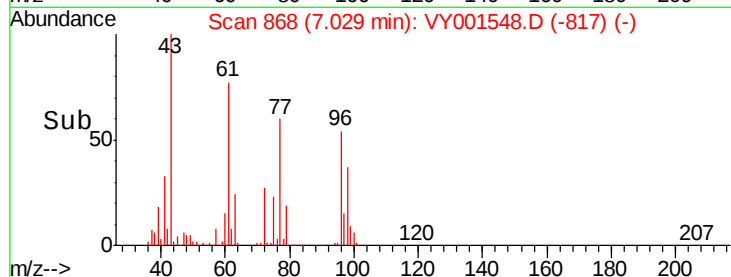
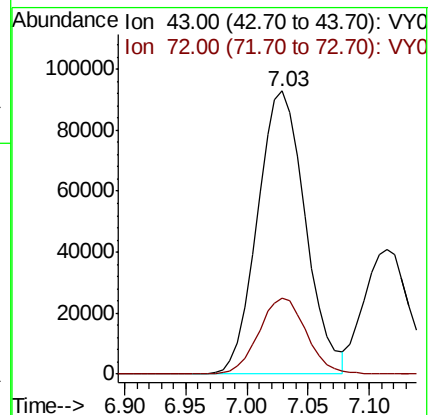
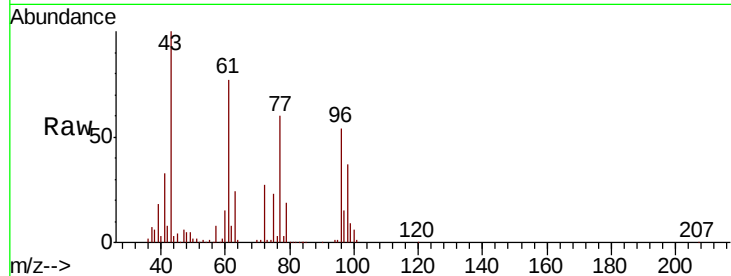
ClientSampled :

Tot Ion: 43 Resp: 253441

Ion Ratio Lower Upper

43 100

72 26.7 23.8 35.8



#26

2,2-Dichloropropane

Concen: 48.253 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001548.D

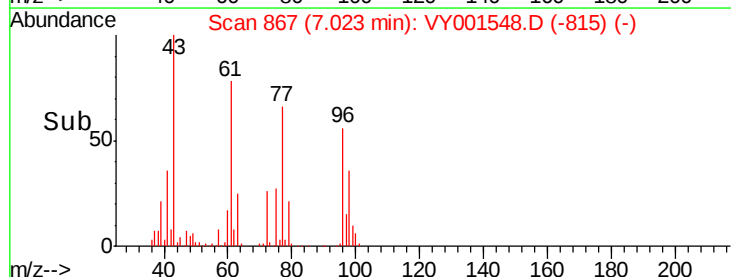
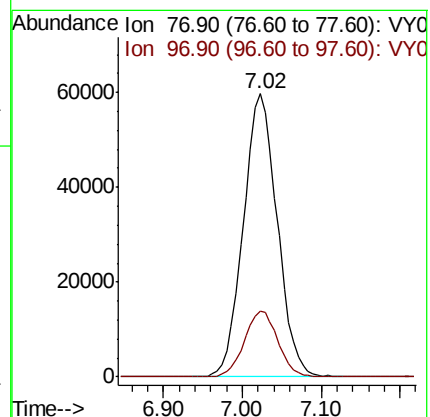
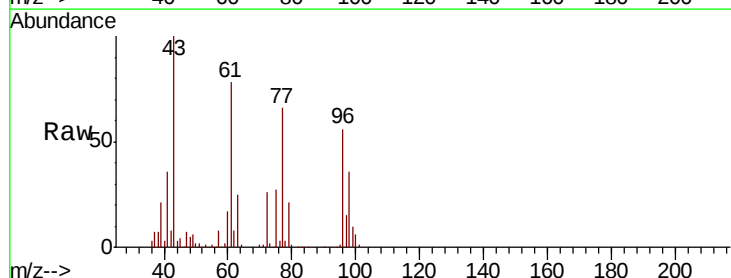
Acq: 06 Feb 2020 21:44

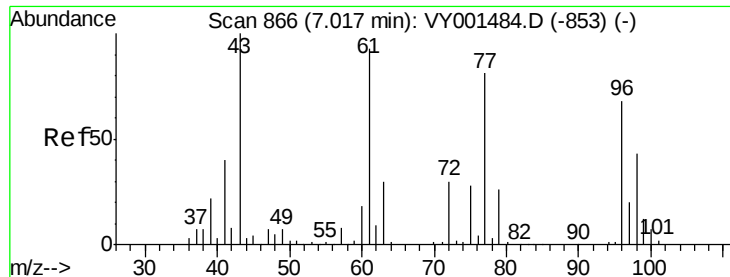
Tgt Ion: 77 Resp: 177986

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0



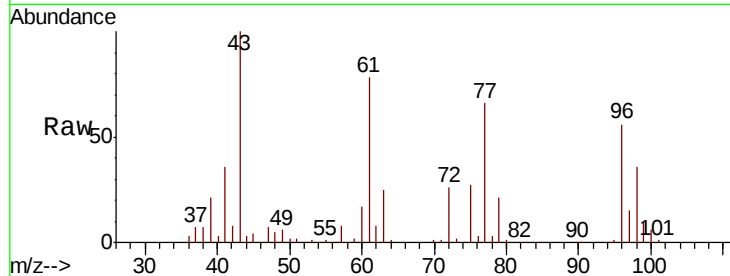


#27

cis-1,2-Dichloroethene
Concen: 55.056 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	278.8
98	63.8	0.0	128.8

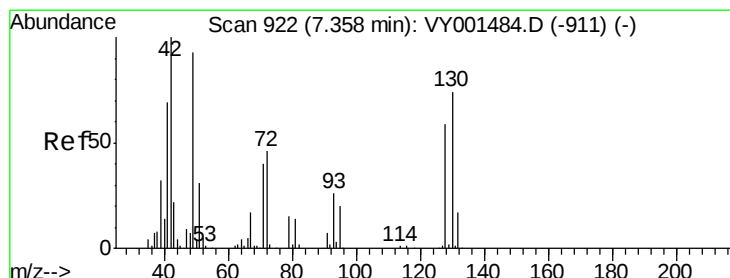
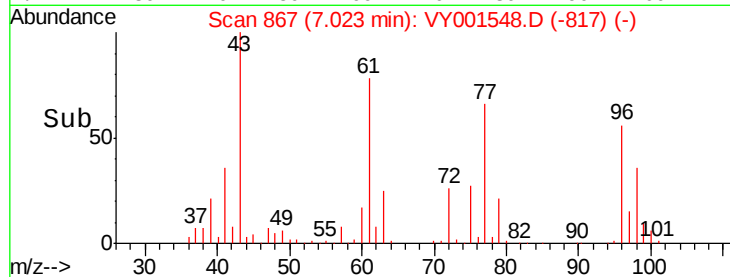
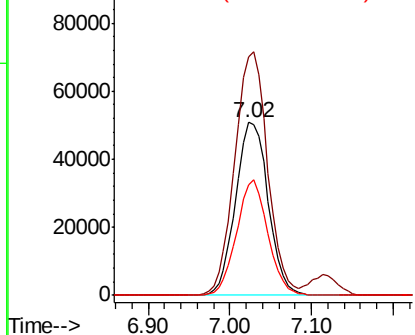


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

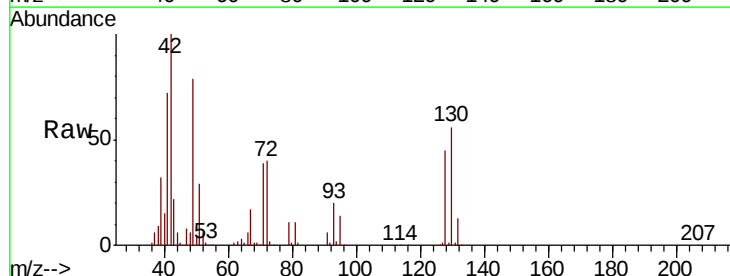
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 69.489 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	71.8	65.4	98.2

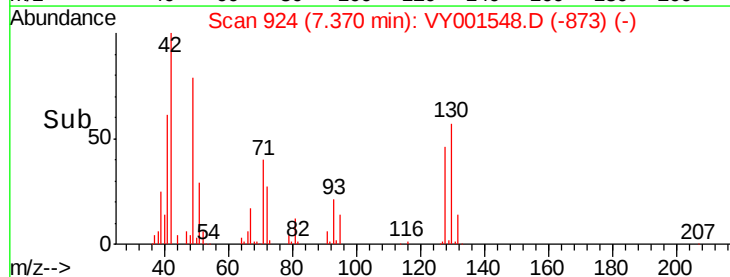
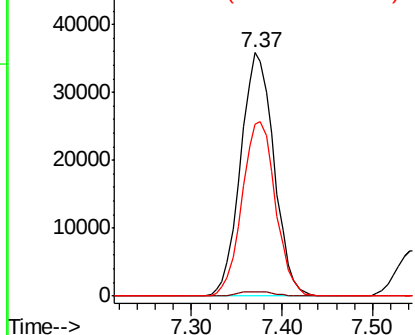


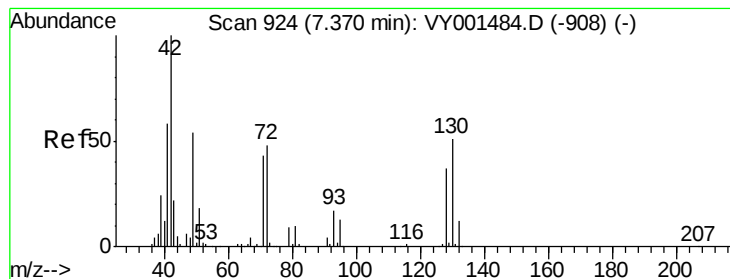
Abundance

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: 358.773 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampled :

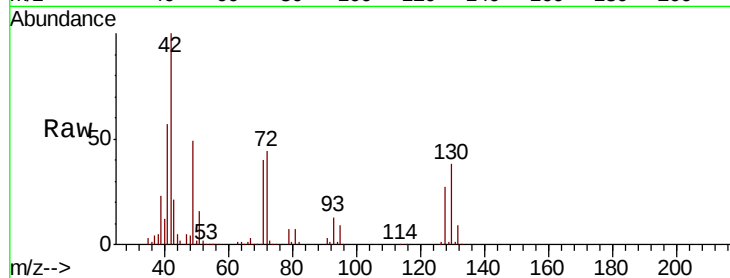
Tot Ion: 42 Resp: 163382

Ion Ratio Lower Upper

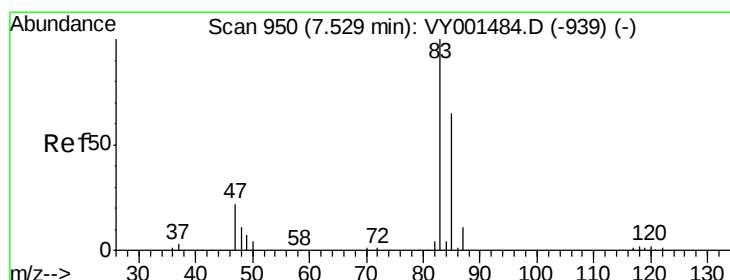
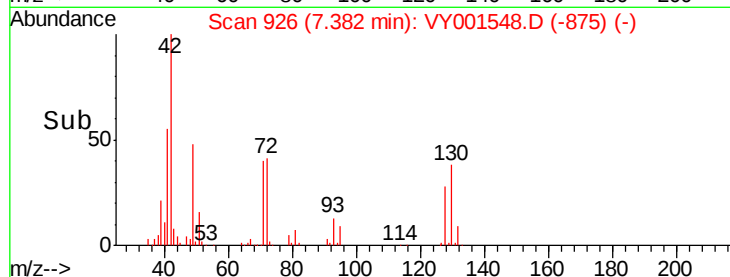
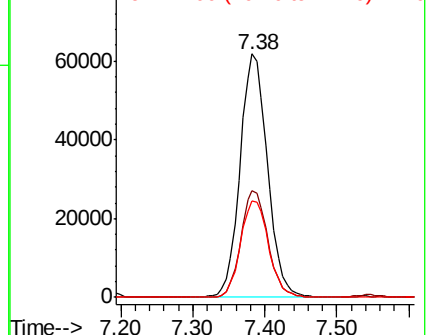
42 100

72 43.0 37.8 56.6

71 40.3 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: 53.572 ug/l

RT: 7.55 min Scan# 953

Delta R.T. 0.02 min

Lab File: VY001548.D

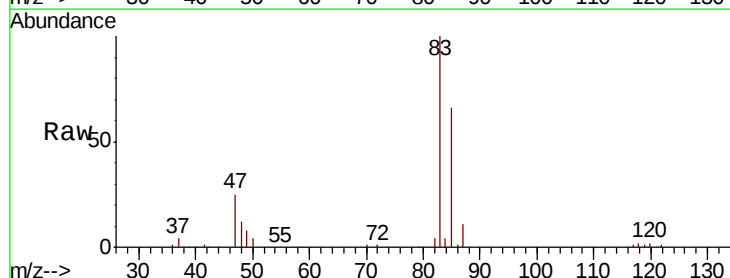
Acq: 06 Feb 2020 21:44

Tgt Ion: 83 Resp: 209139

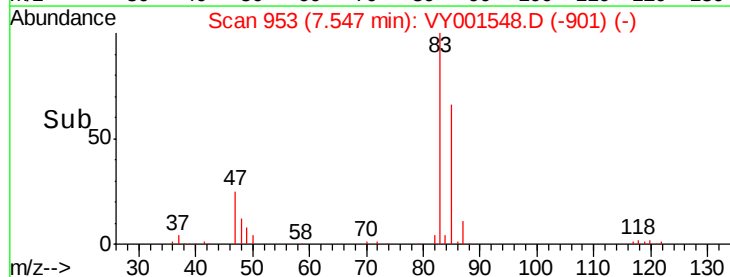
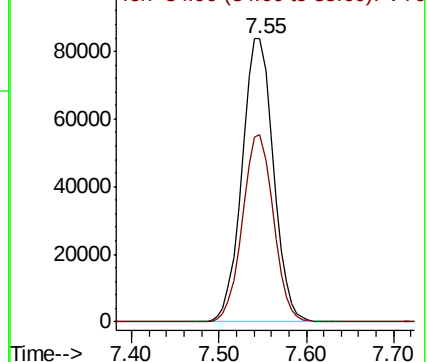
Ion Ratio Lower Upper

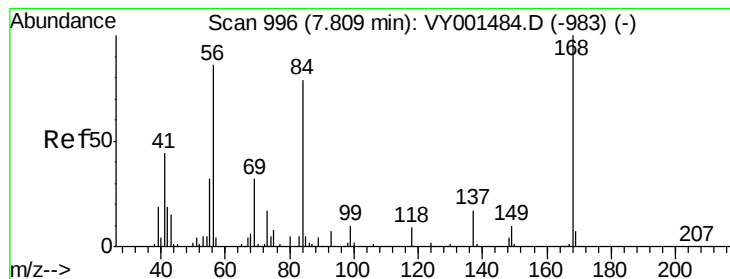
83 100

85 66.3 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: 52.753 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

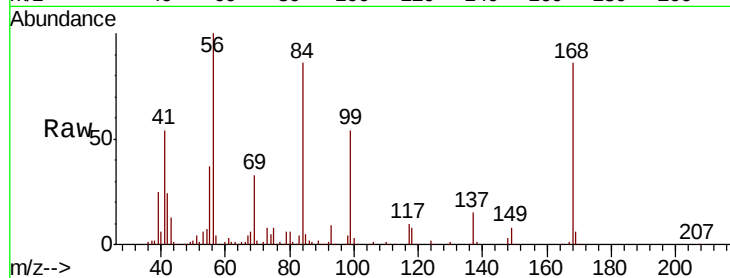
Tot Ion: 56 Resp: 207973

Ion Ratio Lower Upper

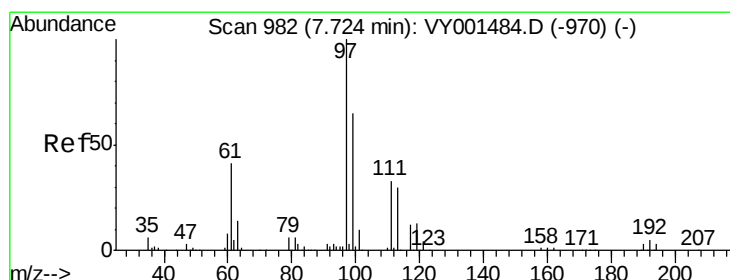
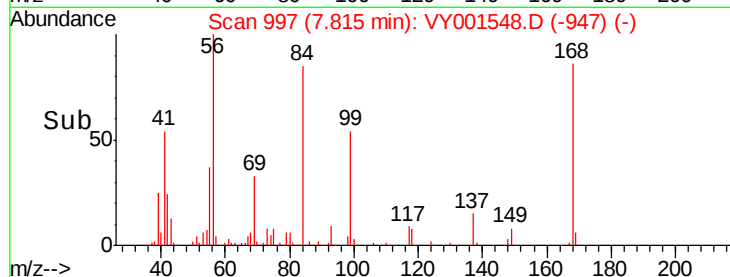
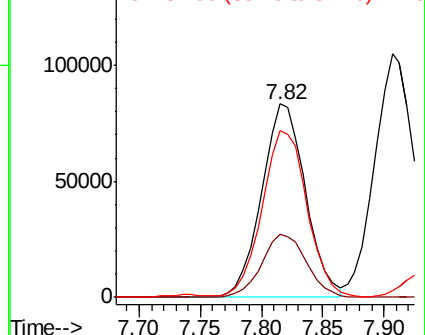
56 100

69 32.6 29.6 44.4

84 84.6 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 50.632 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

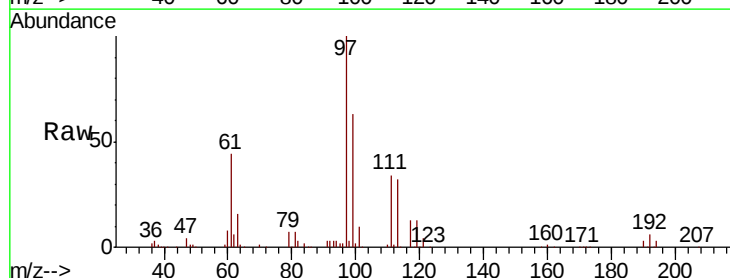
Tgt Ion: 97 Resp: 179211

Ion Ratio Lower Upper

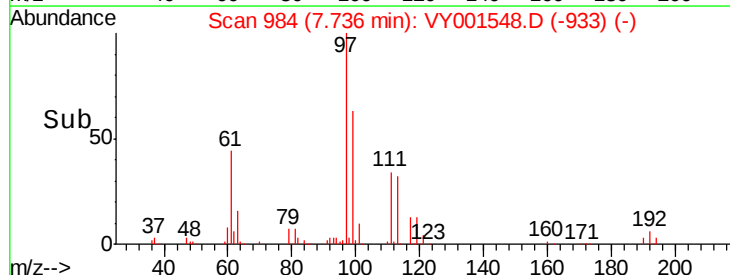
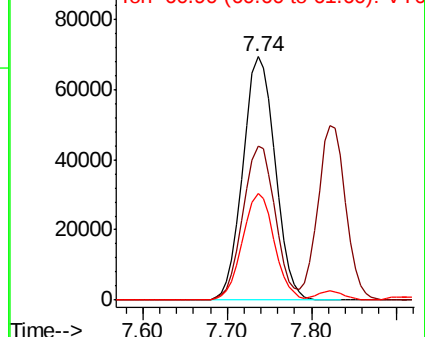
97 100

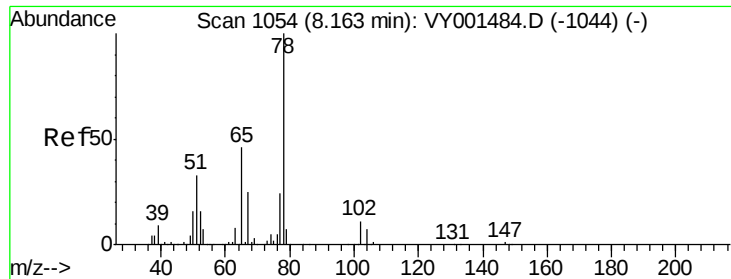
99 63.8 51.8 77.8

61 43.4 32.5 48.7



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

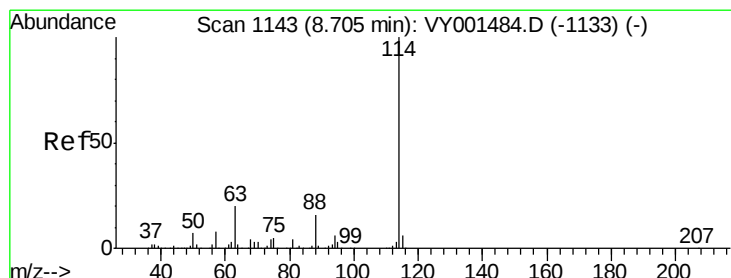
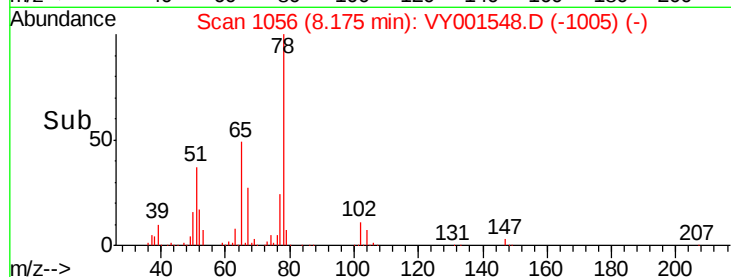
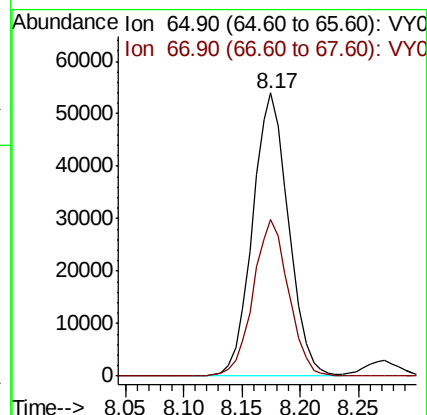
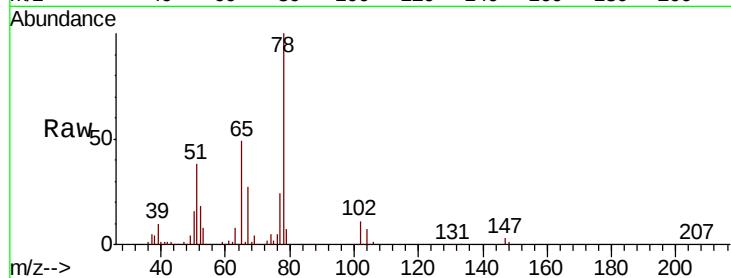




#33
 1,2-Dichloroethane-d4
 Concen: 57.460 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

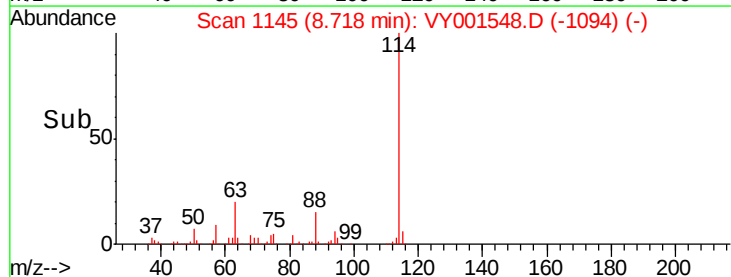
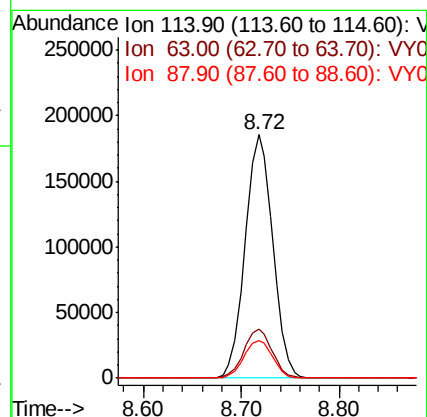
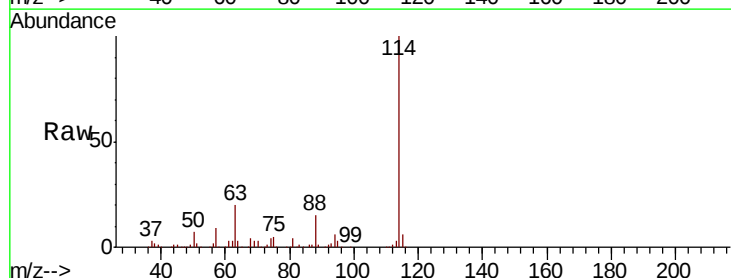
Instrument :
 MSVOA_Y
 ClientSampleId :

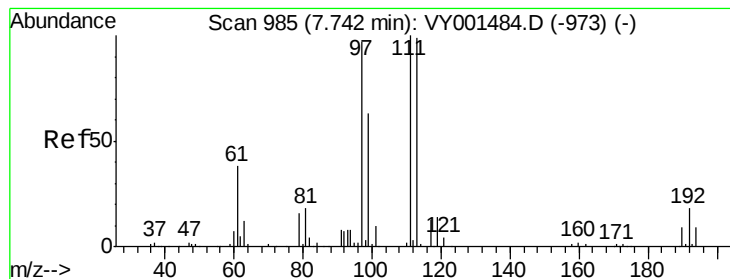
Tot Ion: 65 Resp: 116334
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion: 114 Resp: 362987
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.968 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

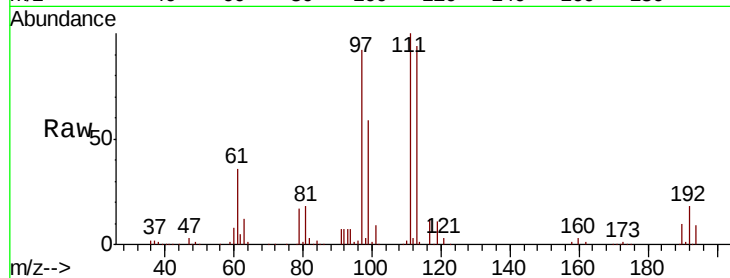
Tot Ion:113 Resp: 104591

Ion Ratio Lower Upper

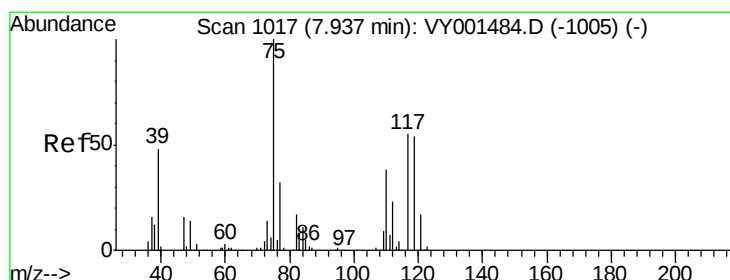
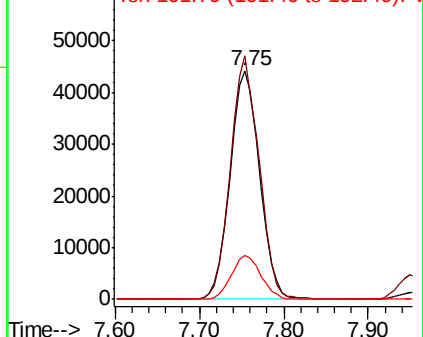
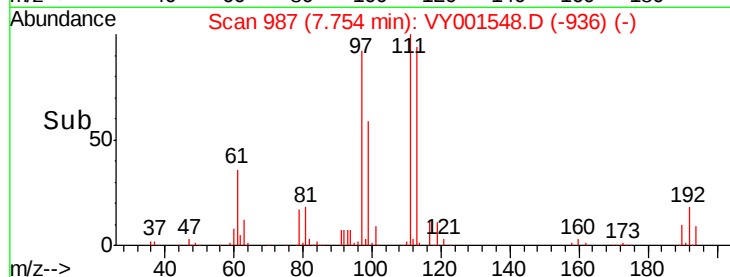
113 100

111 103.4 82.9 124.3

192 19.2 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: 50.794 ug/l

RT: 7.95 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

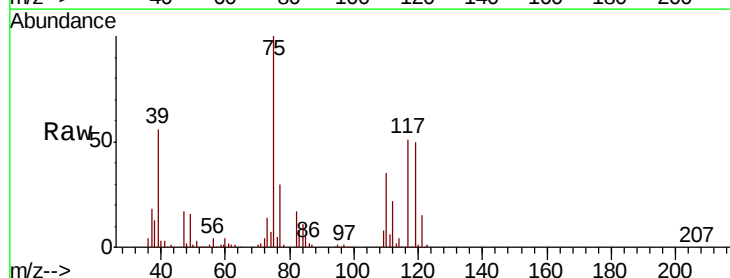
Tgt Ion: 75 Resp: 168668

Ion Ratio Lower Upper

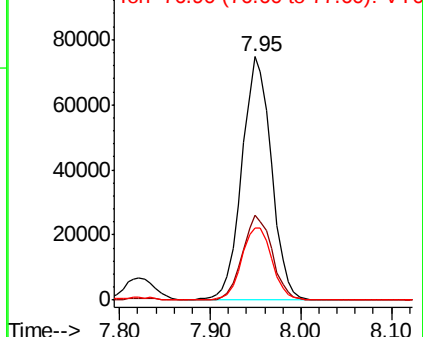
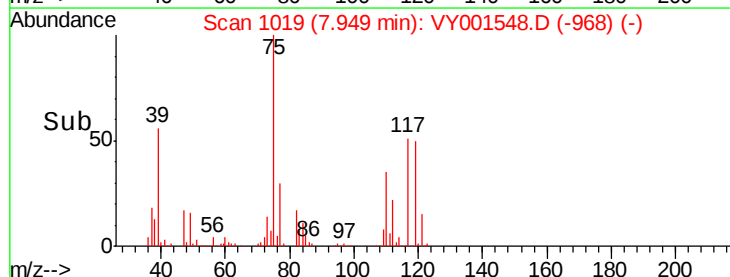
75 100

110 34.8 18.2 54.6

77 30.9 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

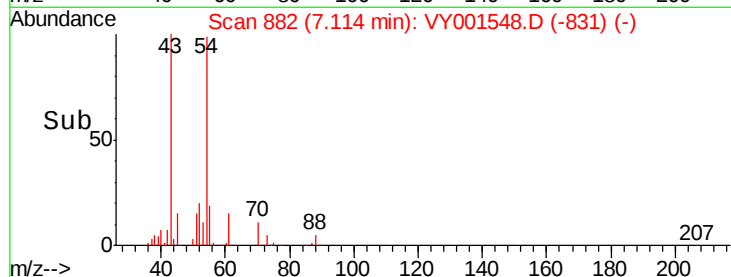
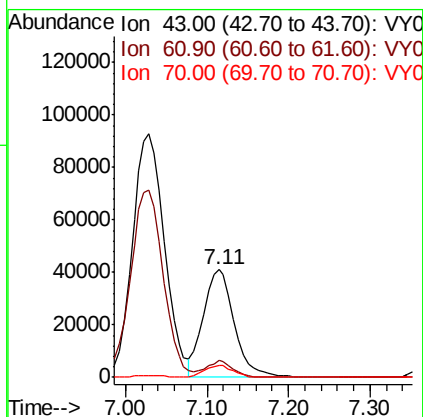
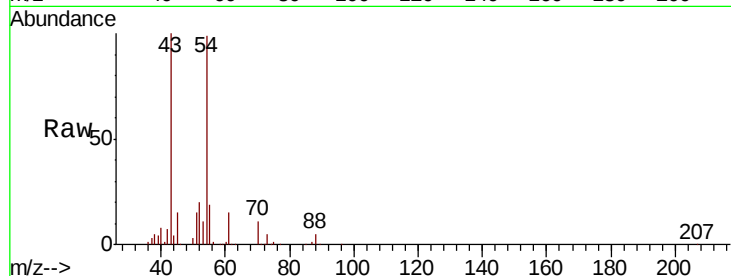




#37
Ethyl Acetate
Concen: 67.686 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

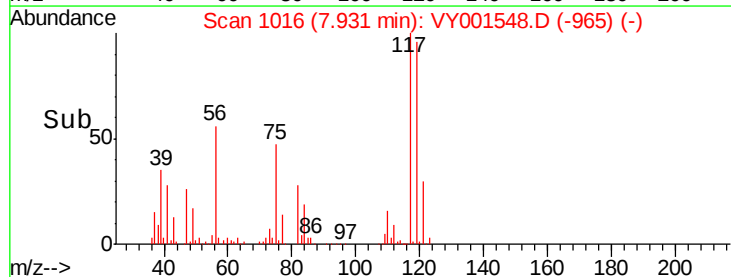
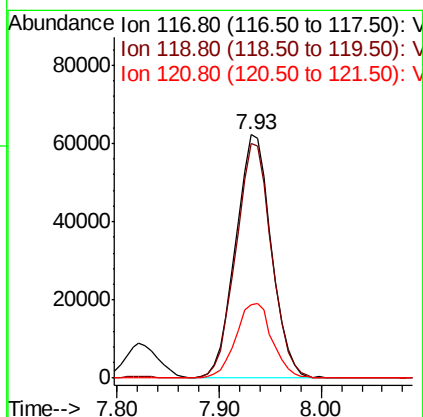
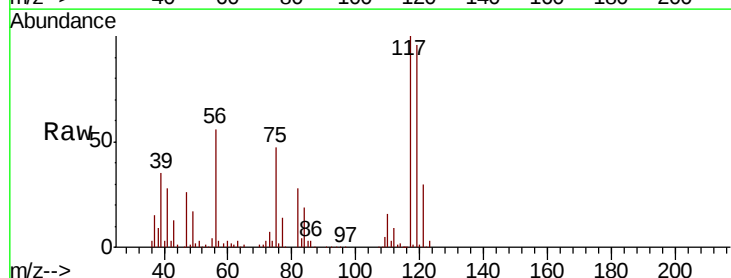
Instrument :
MSVOA_Y
ClientSampled :

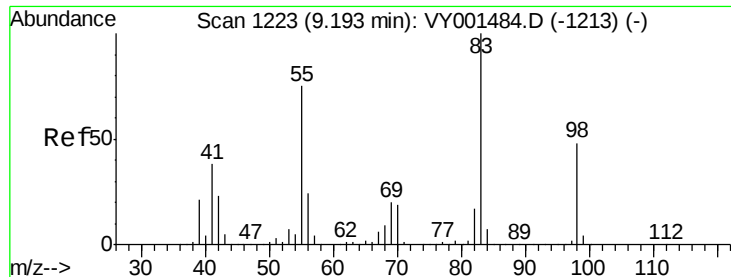
Tot Ion: 43 Resp: 108806
Ion Ratio Lower Upper
43 100
61 13.6 12.0 18.0
70 10.6 10.2 15.4



#38
Carbon Tetrachloride
Concen: 47.067 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 117 Resp: 151214
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6
121 29.9 24.2 36.4

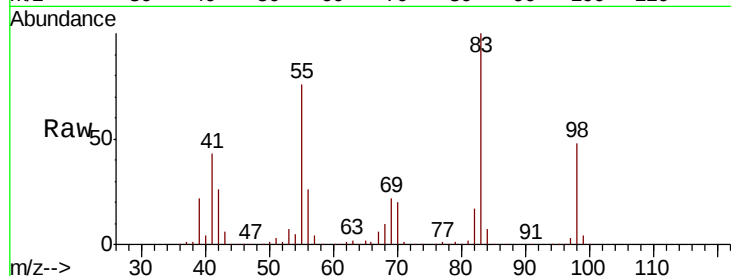




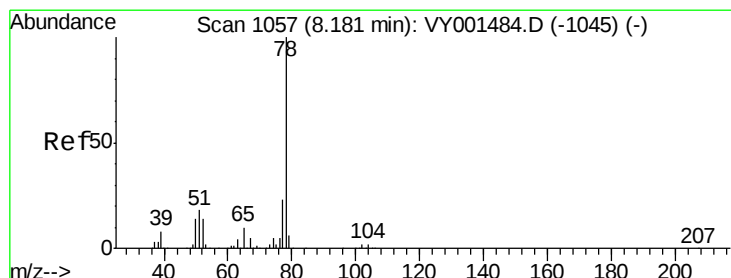
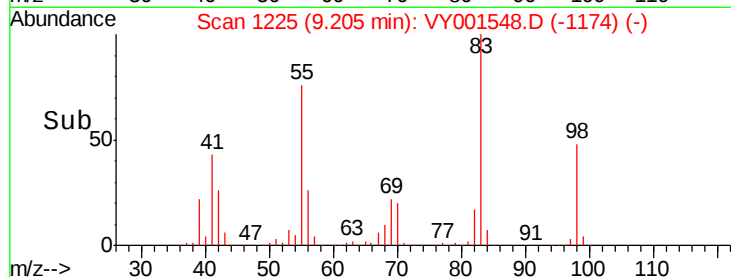
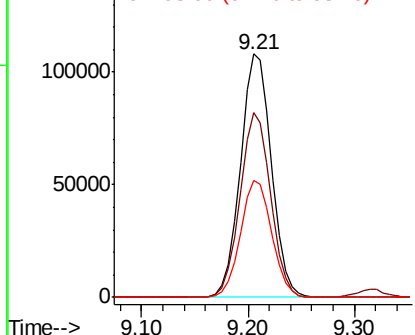
#39
Methylvlcyclohexane
Concen: 50.432 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 220505
Ion Ratio Lower Upper
83 100
55 76.1 59.8 89.6
98 48.2 38.6 57.8

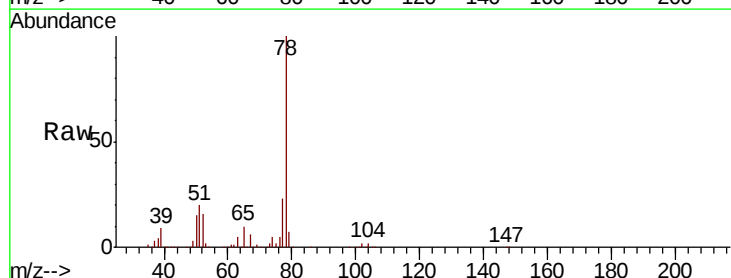


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

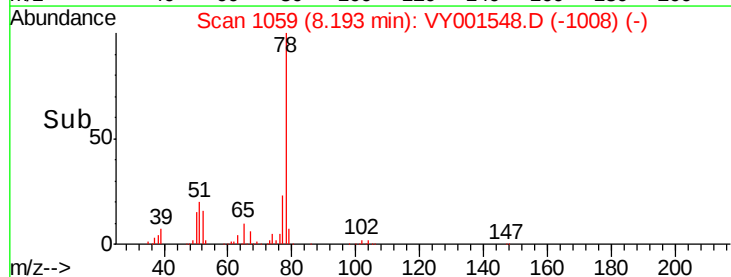
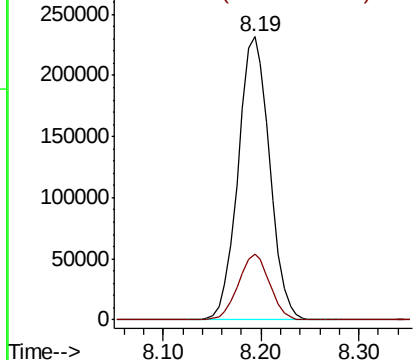


#40
Benzene
Concen: 54.556 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 78 Resp: 516731
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7



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

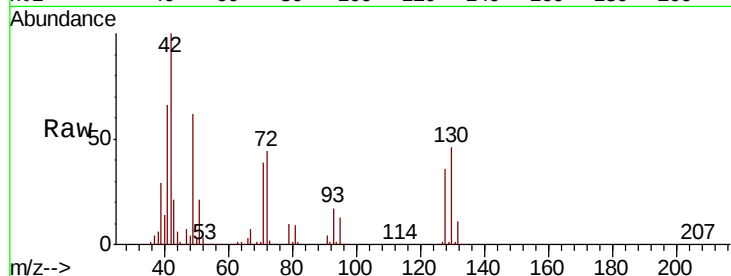




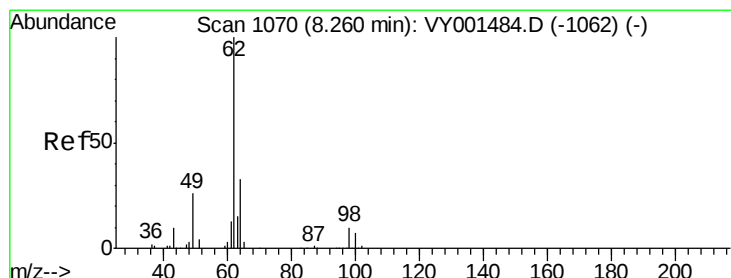
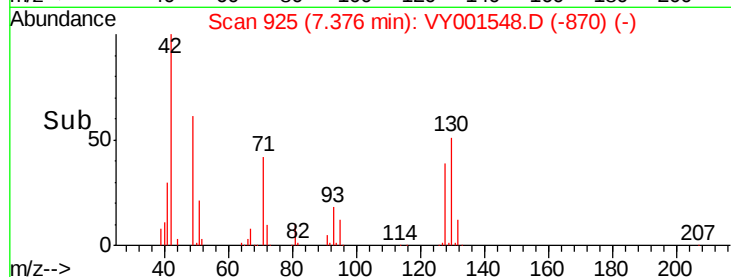
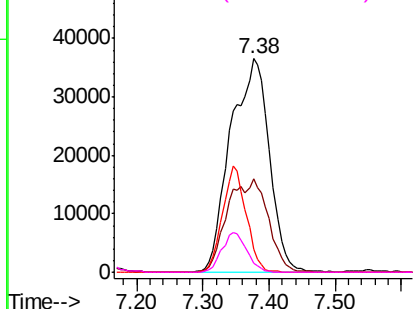
#41
Methacrylonitrile
Concen: 199.594 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 148703
Ion Ratio Lower Upper
41 100
39 45.9 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

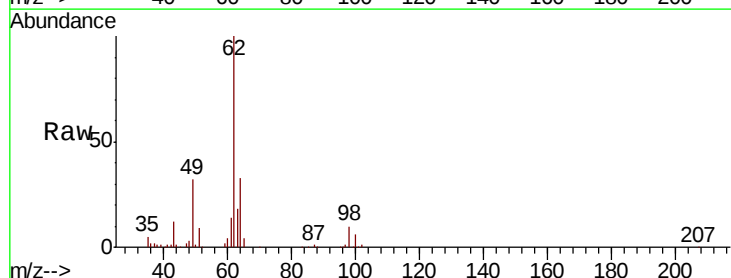


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

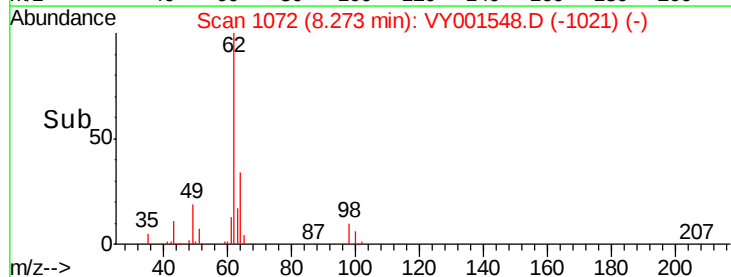
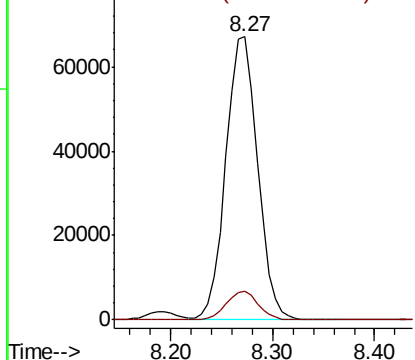


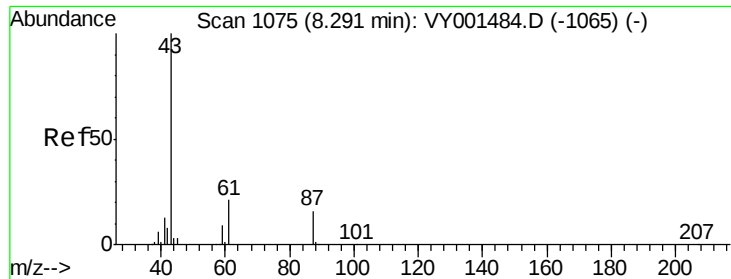
#42
1,2-Dichloroethane
Concen: 55.043 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 62 Resp: 145246
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



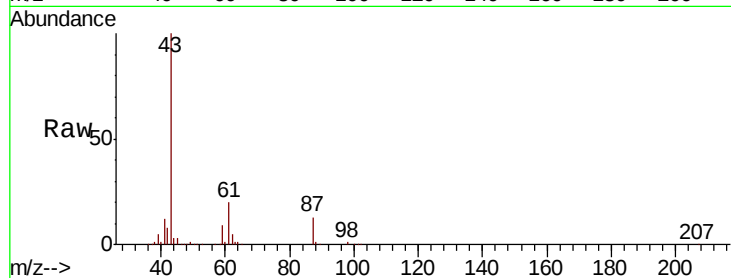


#43

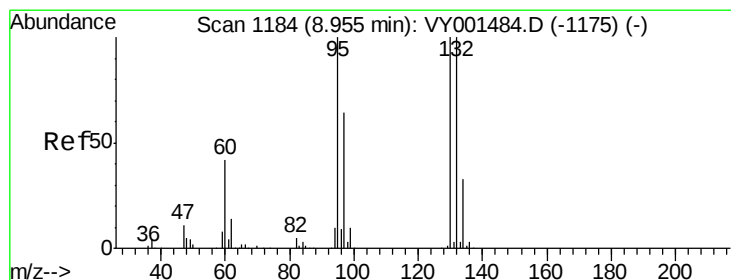
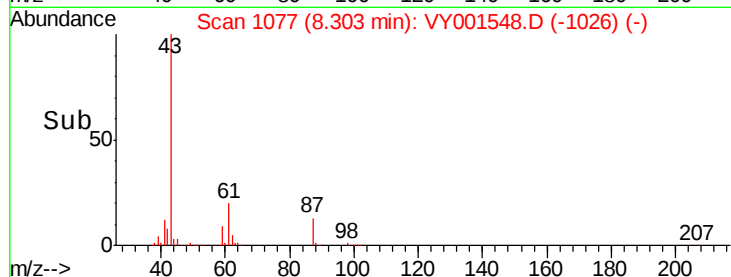
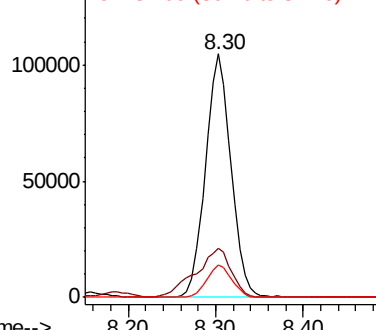
Isopropyl Acetate
 Concen: 66.734 ug/l
 RT: 8.30 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	43	Resp	212400
Ion Ratio	Lower	Upper	
43	100		
61	28.0	25.1	37.7
87	13.2	12.6	19.0



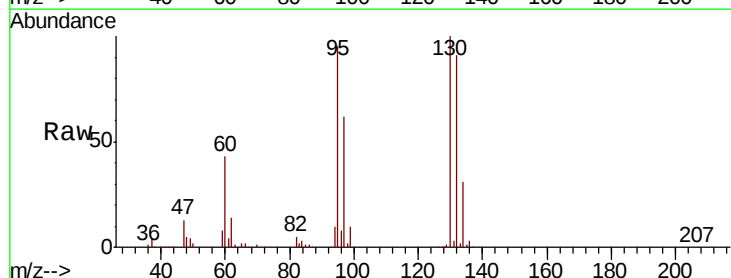
Abundance Ion 43.00 (42.70 to 43.70): VY001548.D (-1065) (-)



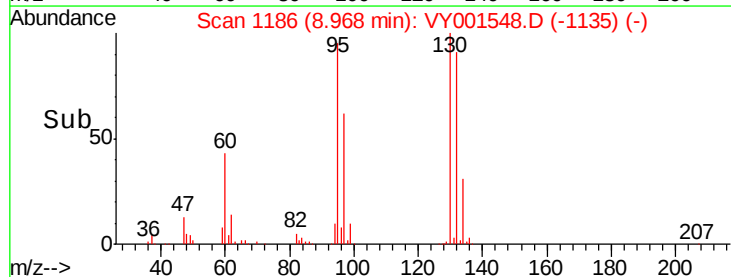
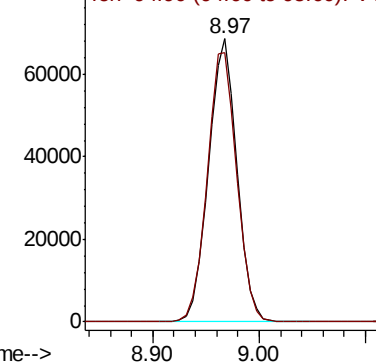
#44

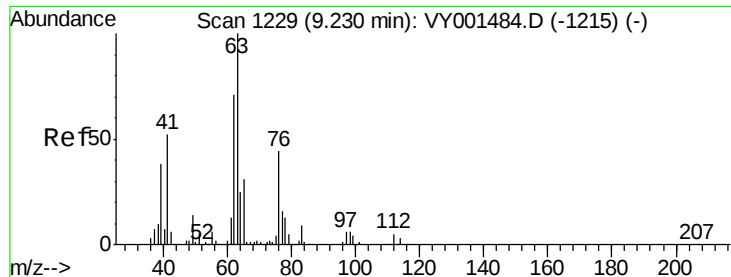
Trichloroethene
 Concen: 50.327 ug/l
 RT: 8.97 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion	130	Resp	128487
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001548.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 57.379 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

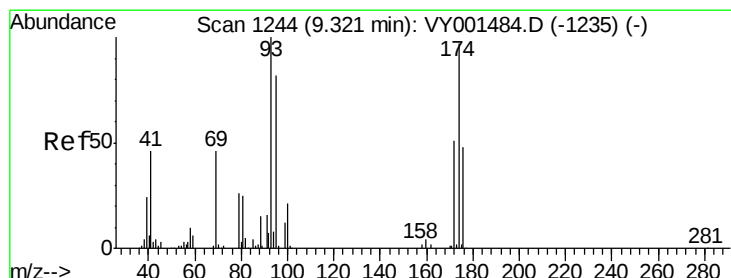
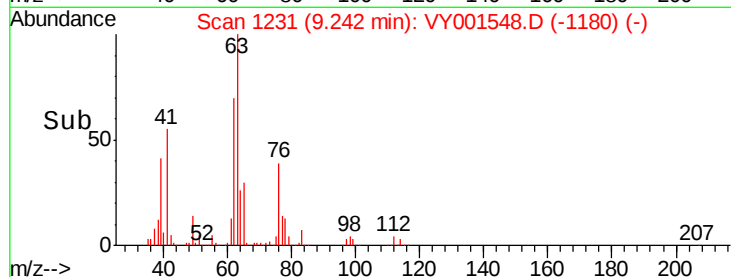
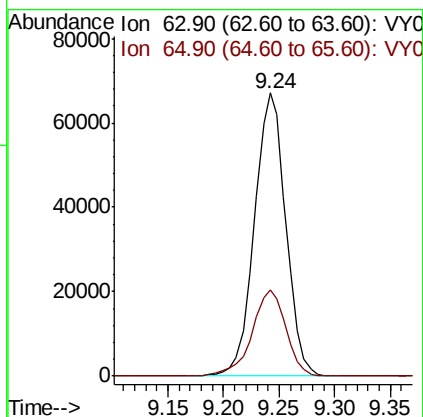
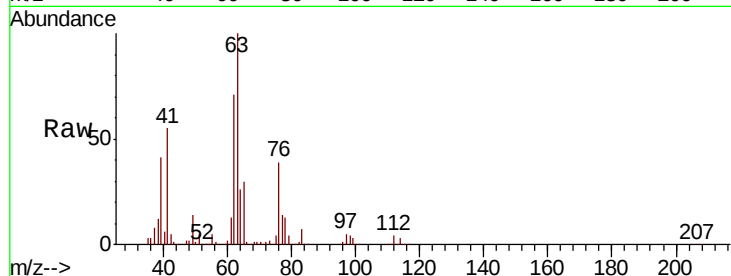
ClientSampleId :

Tot Ion: 63 Resp: 131233

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 55.566 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

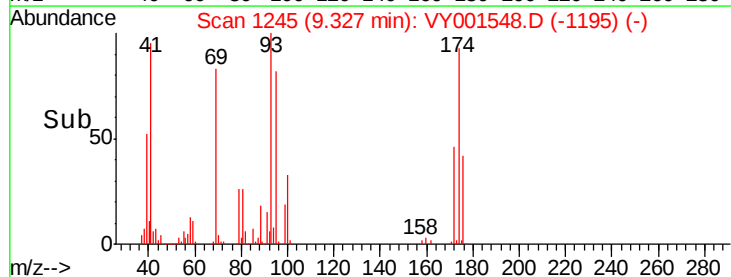
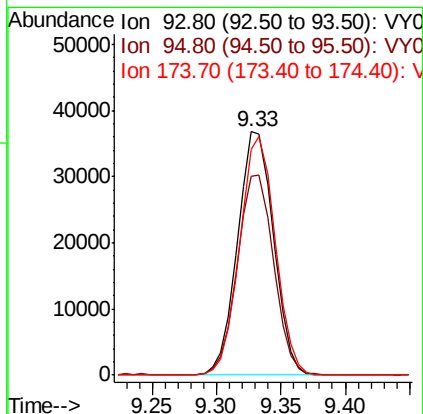
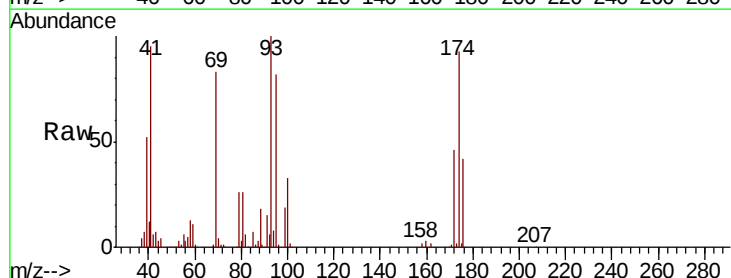
Tgt Ion: 93 Resp: 71363

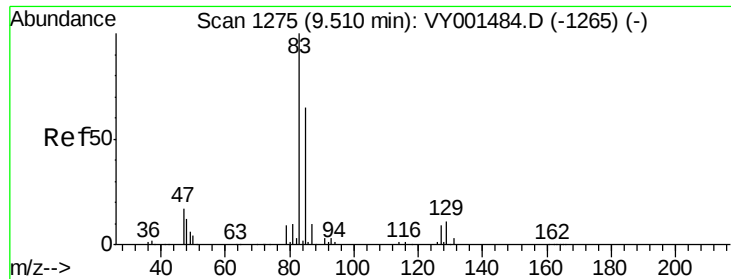
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 96.1 75.4 113.2

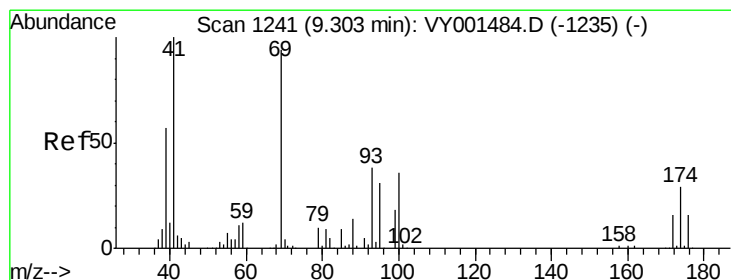
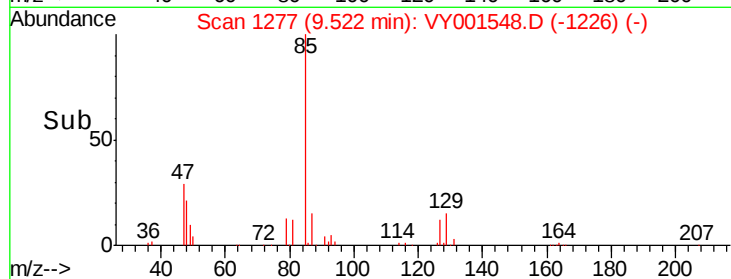
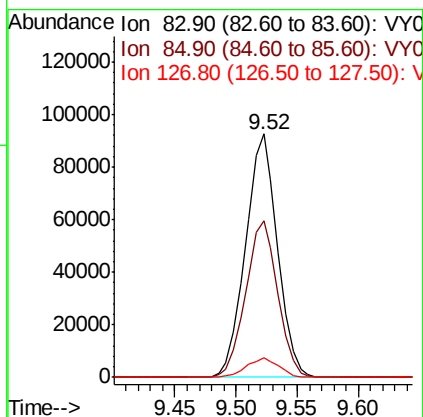
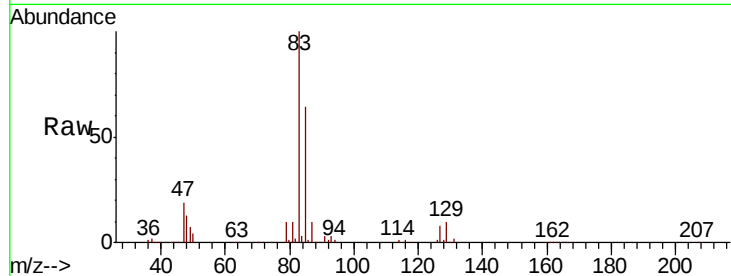




#47
Bromodichloromethane
Concen: 53.640 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

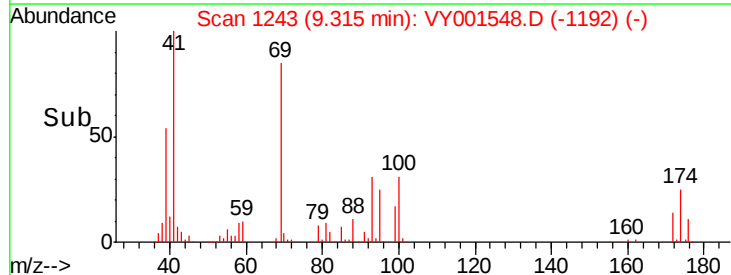
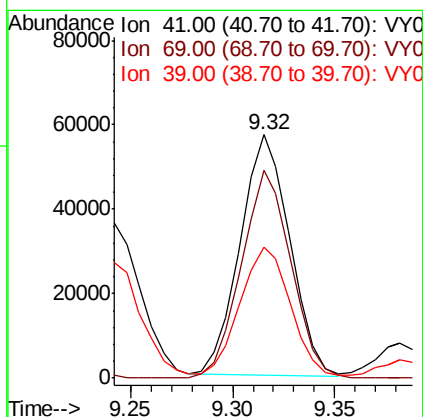
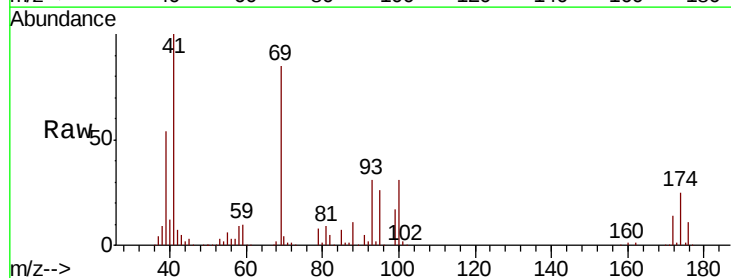
Instrument :
MSVOA_Y
ClientSampleId :

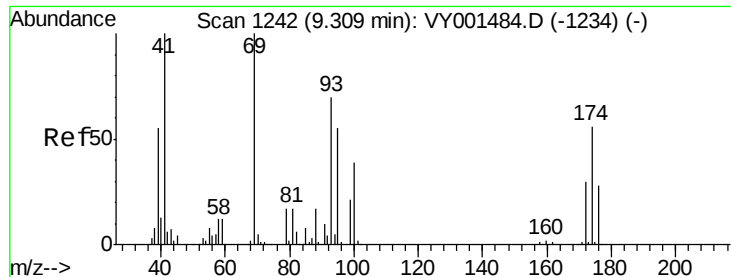
Tot Ion: 83 Resp: 167849
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.0 6.9 10.3



#48
Methyl methacrylate
Concen: 66.573 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 41 Resp: 96169
Ion Ratio Lower Upper
41 100
69 87.0 76.6 114.8
39 56.5 45.4 68.0





#49

1,4-Dioxane

Concen: 1143.034 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

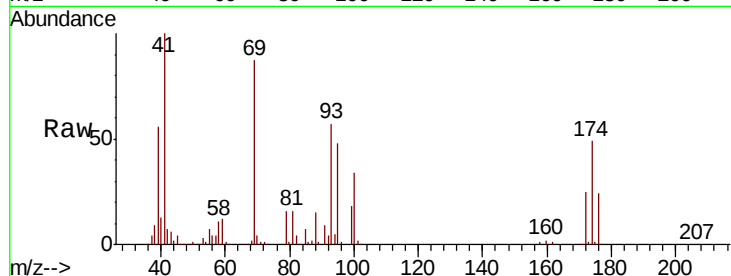
Tot Ion: 88 Resp: 19387

Ion Ratio Lower Upper

88 100

43 32.7 24.8 37.2

58 74.2 59.3 88.9

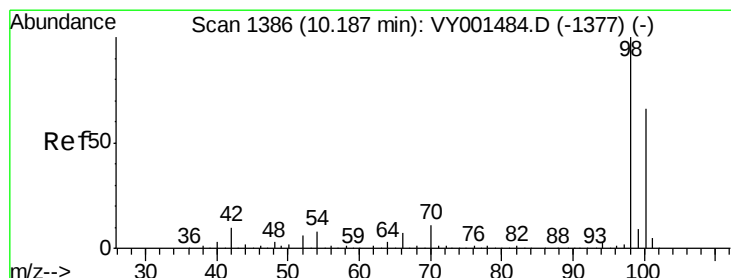
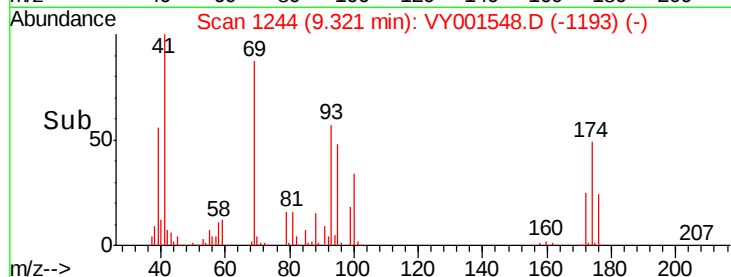
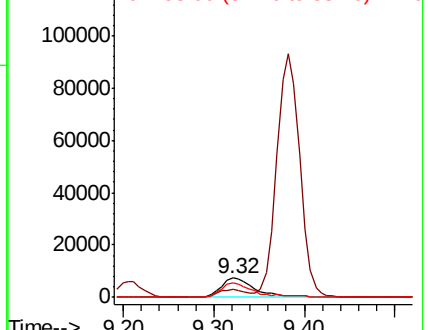


Abundance

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: 54.233 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001548.D

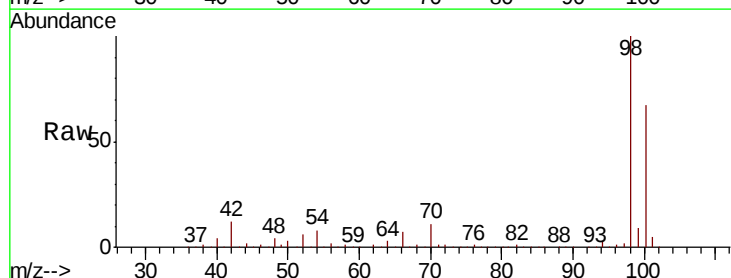
Acq: 06 Feb 2020 21:44

Tgt Ion: 98 Resp: 429486

Ion Ratio Lower Upper

98 100

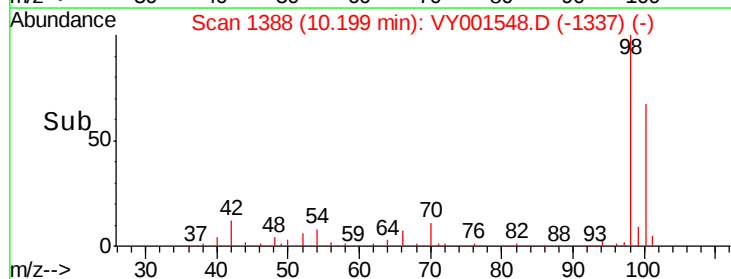
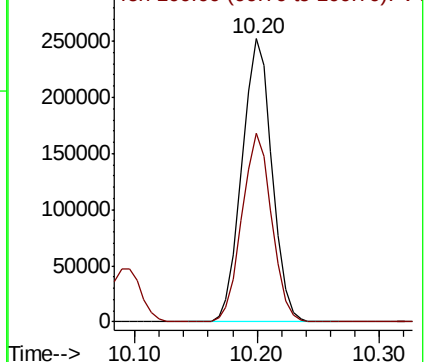
100 66.0 53.0 79.6

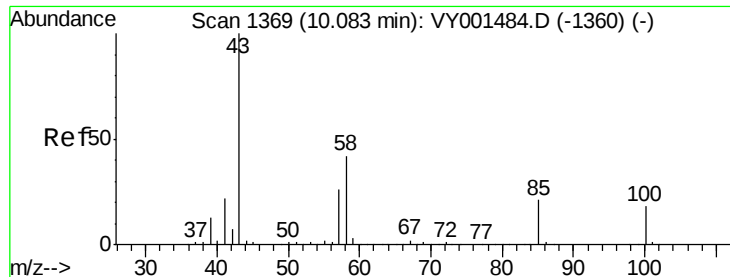


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

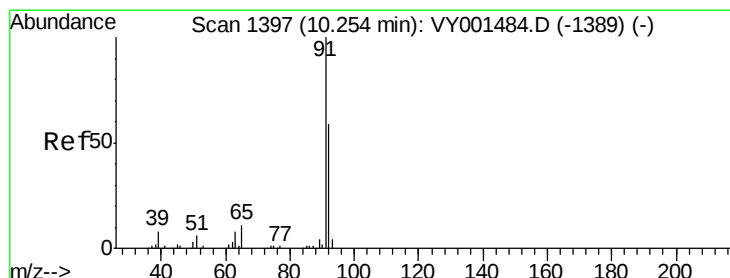
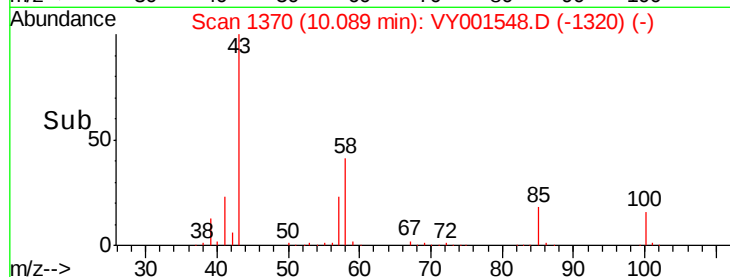
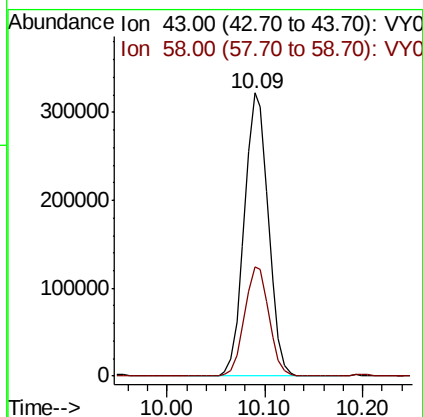
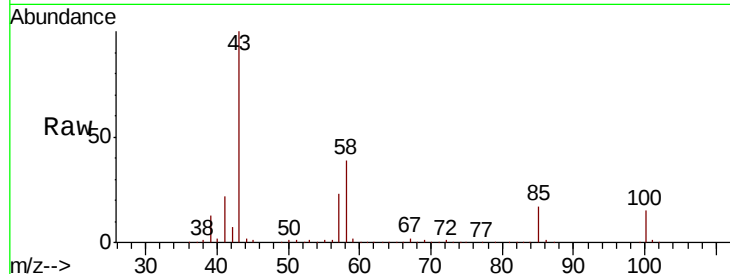




#51
4-Methyl-2-Pentanone
Concen: 350.311 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

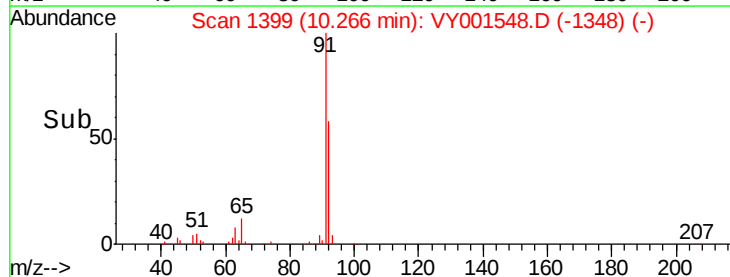
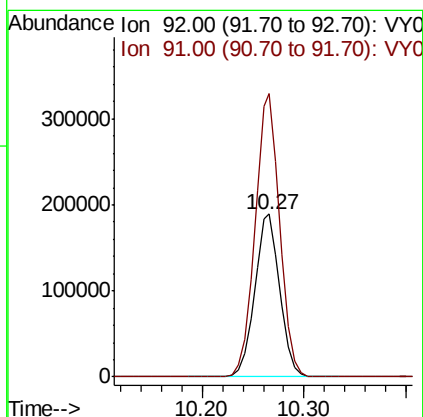
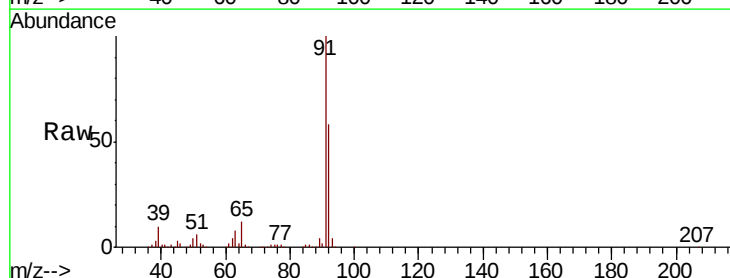
Instrument :
MSVOA_Y
ClientSampled :

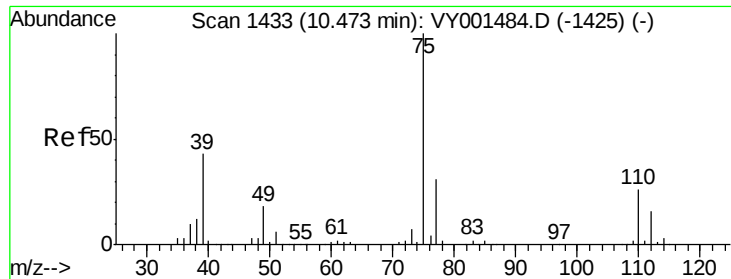
Tot Ion: 43 Resp: 549089
Ion Ratio Lower Upper
43 100
58 39.1 33.9 50.9



#52
Toluene
Concen: 53.489 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 92 Resp: 321453
Ion Ratio Lower Upper
92 100
91 172.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 54.993 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

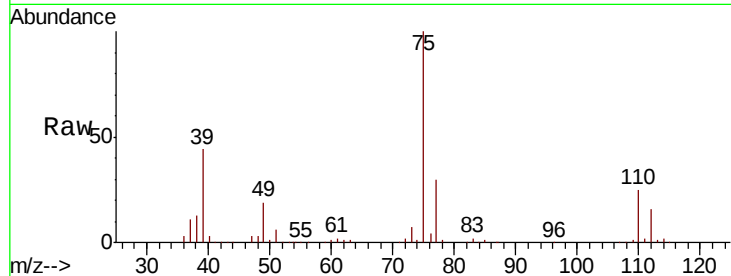
ClientSampled :

Tot Ion: 75 Resp: 187430

Ion Ratio Lower Upper

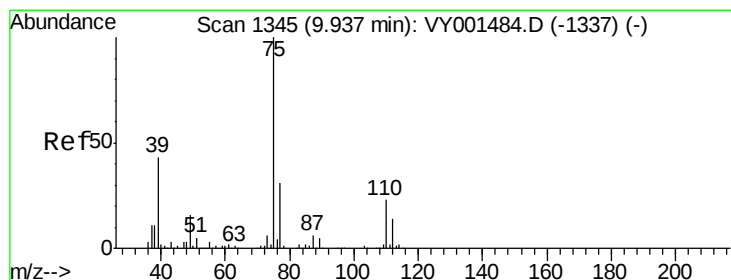
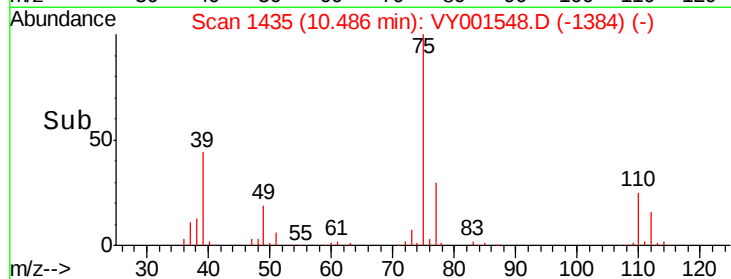
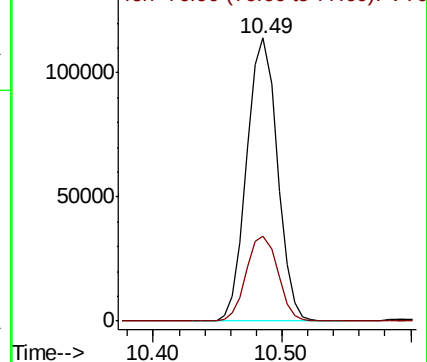
75 100

77 30.1 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: 53.813 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

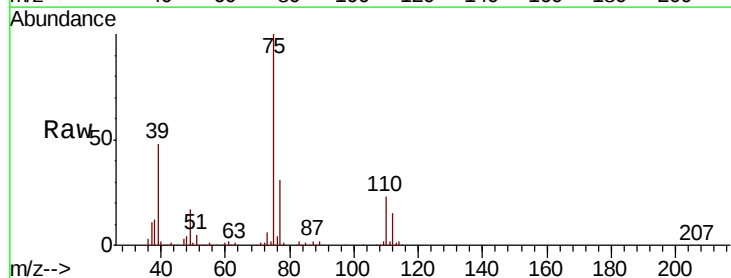
Tgt Ion: 75 Resp: 210564

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

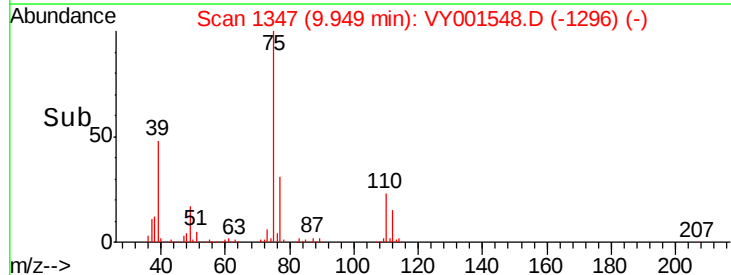
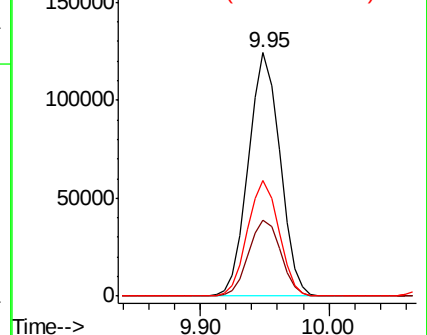
39 47.5 34.0 51.0

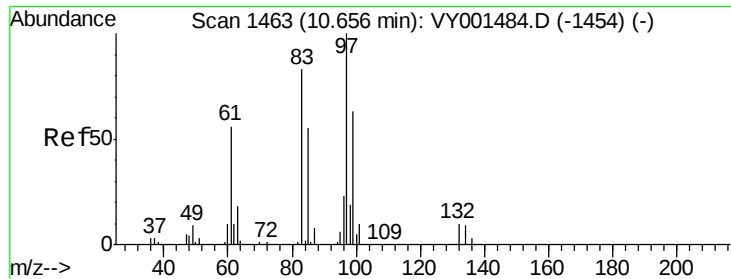


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 56.870 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 104790

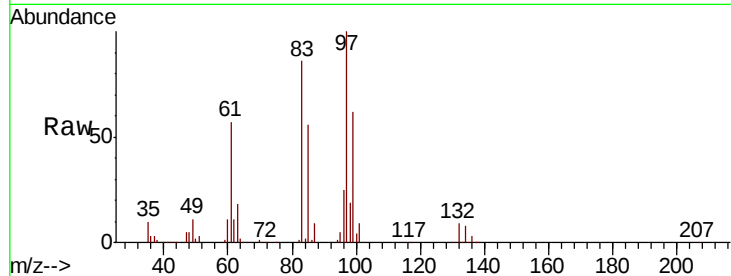
Ion Ratio Lower Upper

97 100

83 86.3 66.2 99.2

85 55.7 43.8 65.6

99 62.6 50.1 75.1

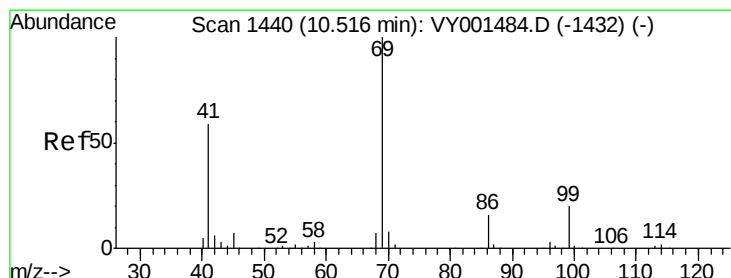
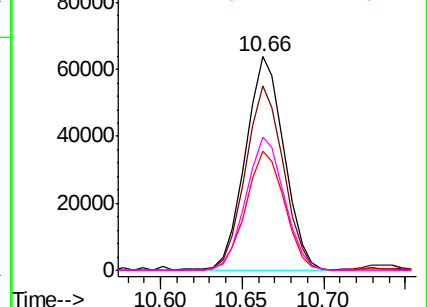
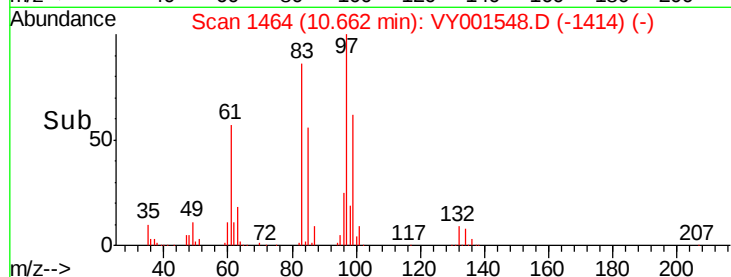


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 61.383 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

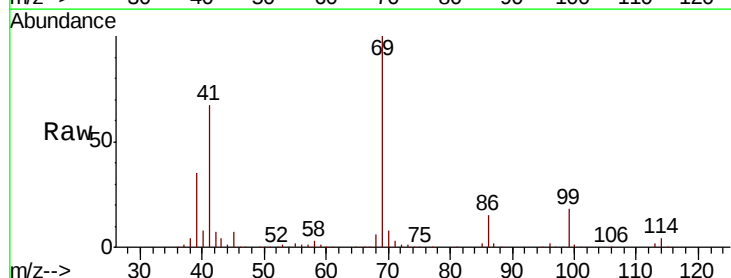
Tgt Ion: 69 Resp: 160874

Ion Ratio Lower Upper

69 100

41 66.6 47.8 71.8

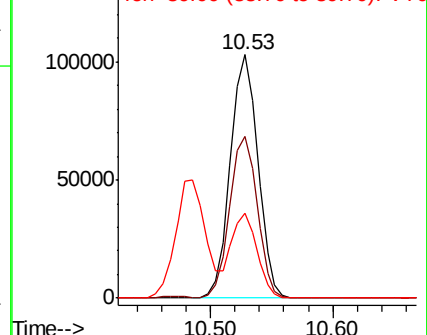
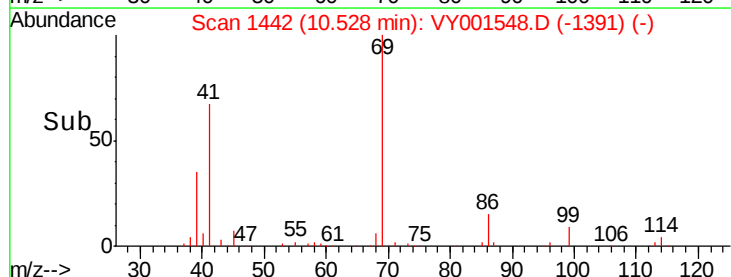
39 34.3 24.4 36.6

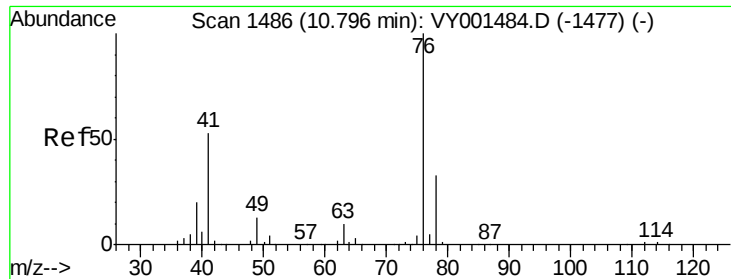


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 56.681 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

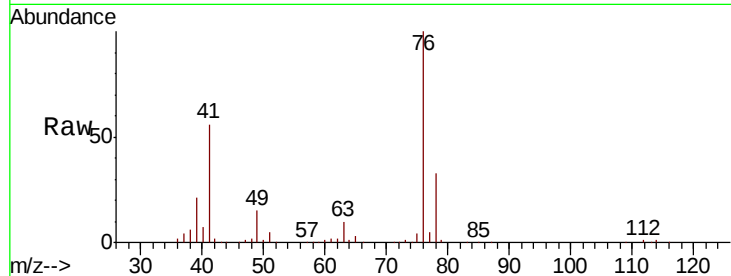
ClientSampleId :

Tot Ion: 76 Resp: 184110

Ion Ratio Lower Upper

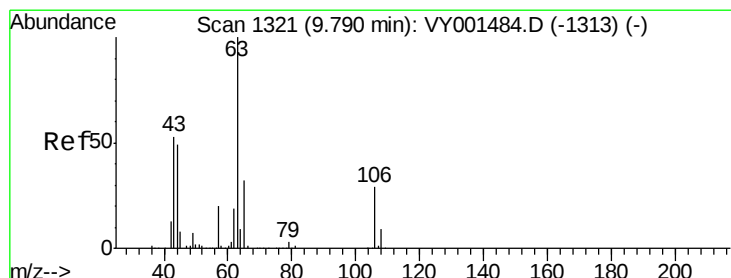
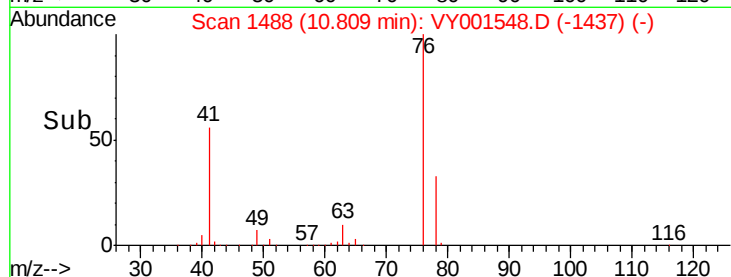
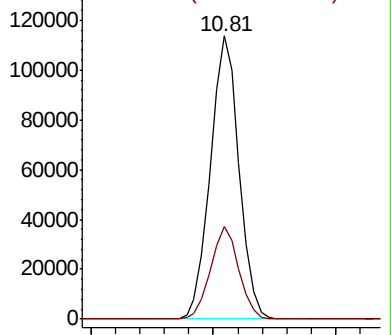
76 100

78 32.4 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: 305.809 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001548.D

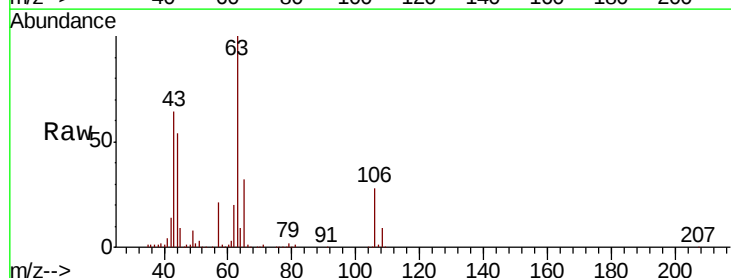
Acq: 06 Feb 2020 21:44

Tgt Ion: 63 Resp: 294843

Ion Ratio Lower Upper

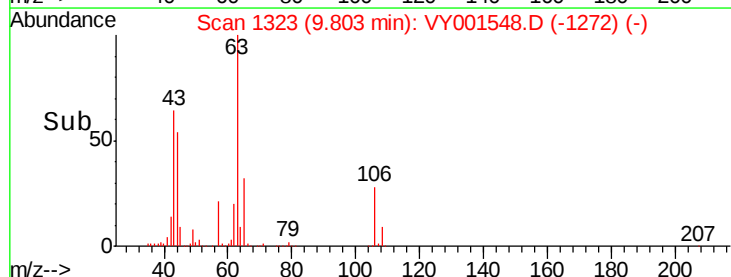
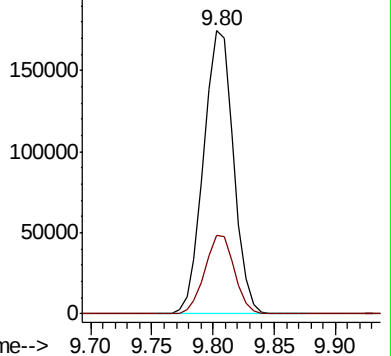
63 100

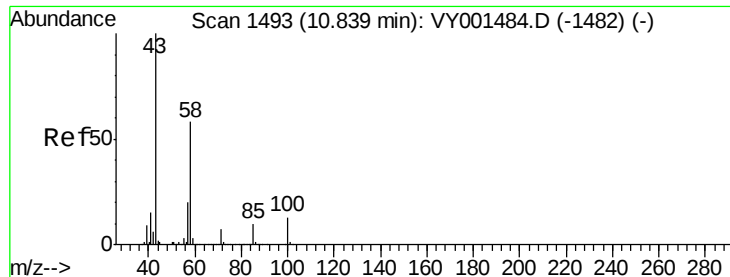
106 27.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 348.833 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

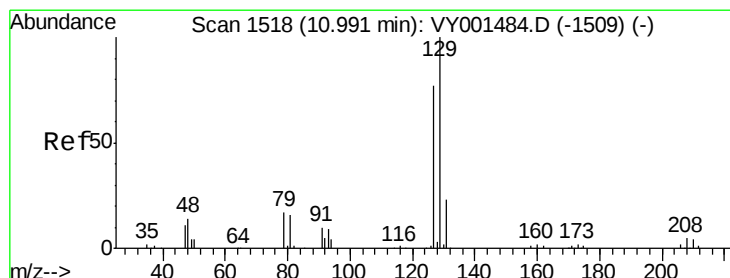
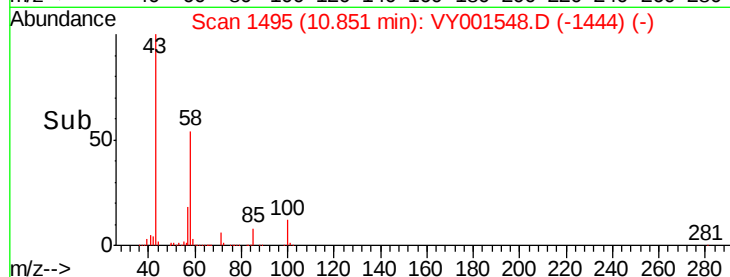
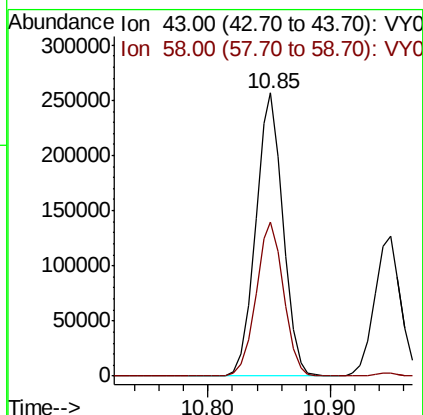
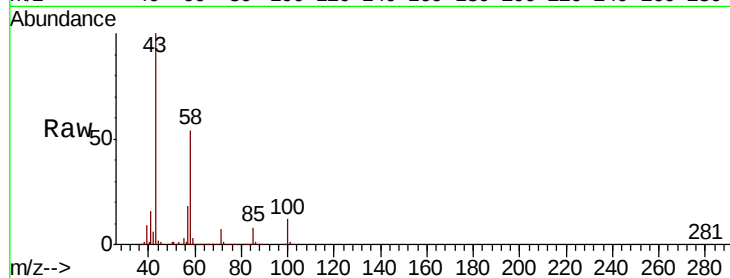
ClientSampled :

Tot Ion: 43 Resp: 397552

Ion Ratio Lower Upper

43 100

58 54.9 29.0 87.0



#60

Dibromochloromethane

Concen: 54.049 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY001548.D

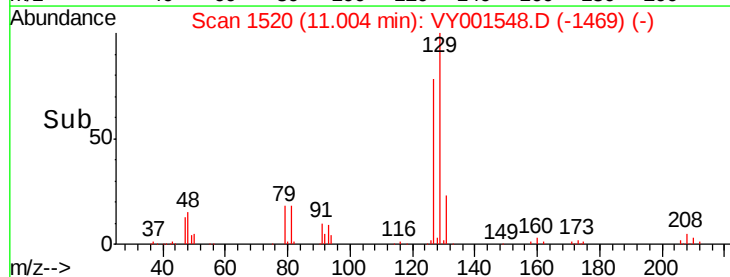
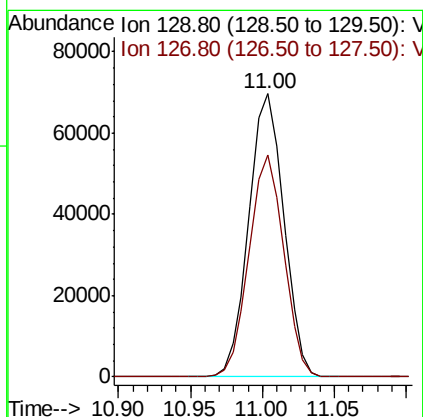
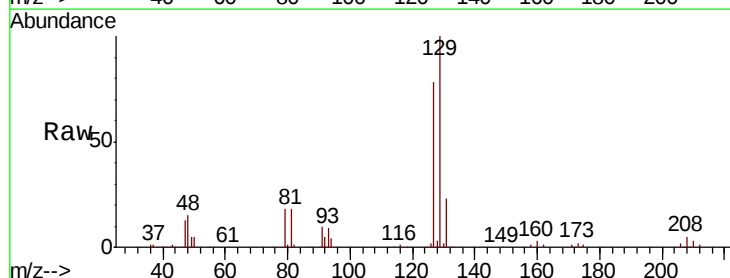
Acq: 06 Feb 2020 21:44

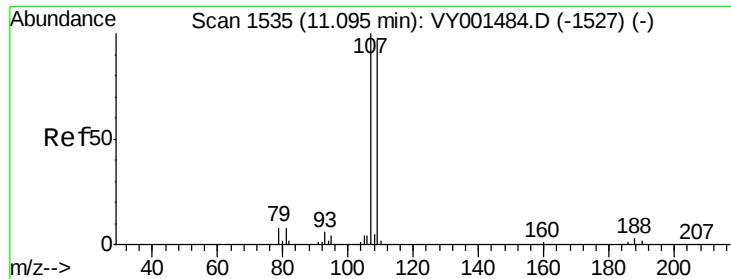
Tgt Ion: 129 Resp: 117395

Ion Ratio Lower Upper

129 100

127 77.8 38.9 116.6

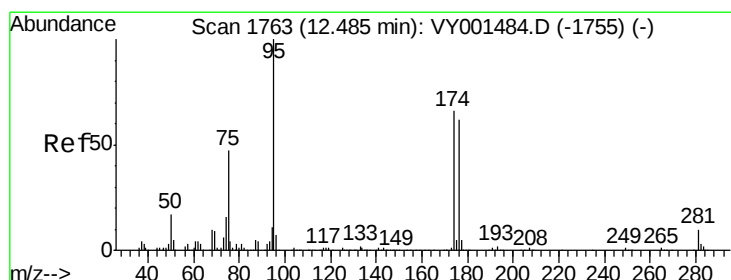
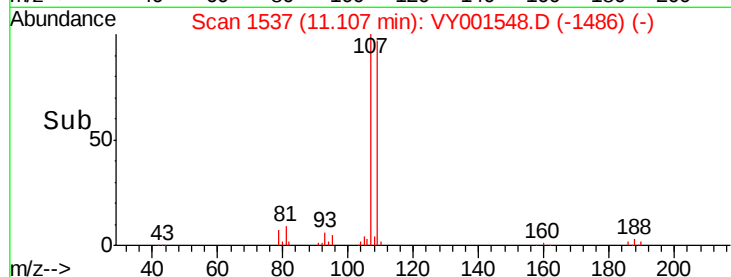
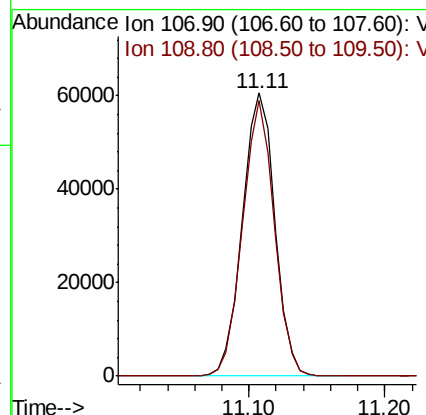
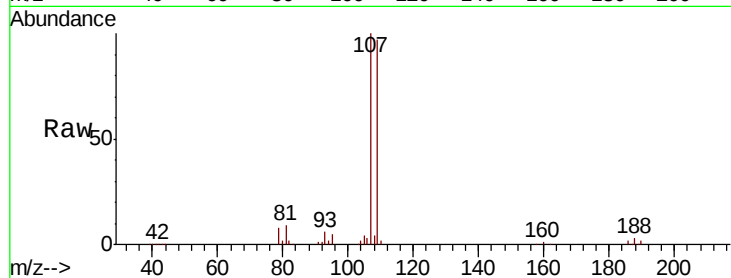




#61
 1,2-Dibromoethane
 Concen: 55.614 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

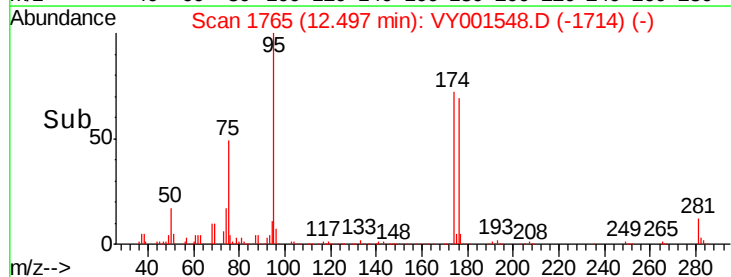
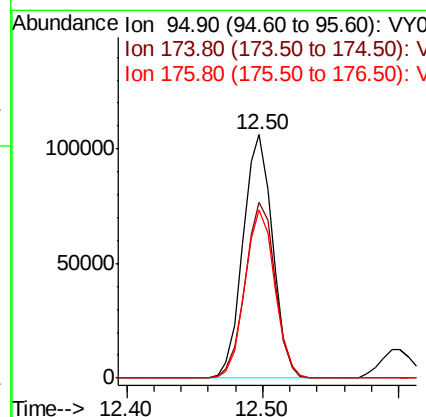
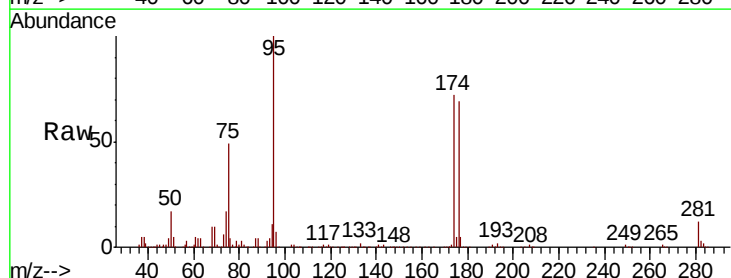
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 100933
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 51.740 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion: 95 Resp: 161418
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 141.4
 176 69.7 0.0 135.4

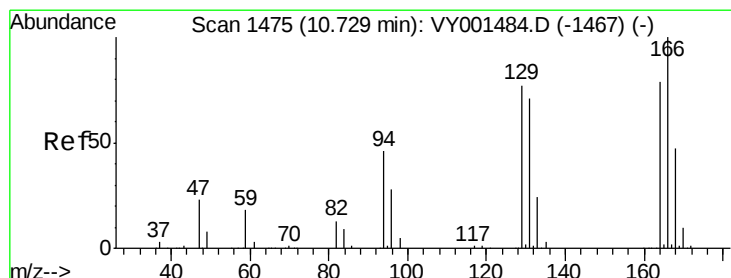
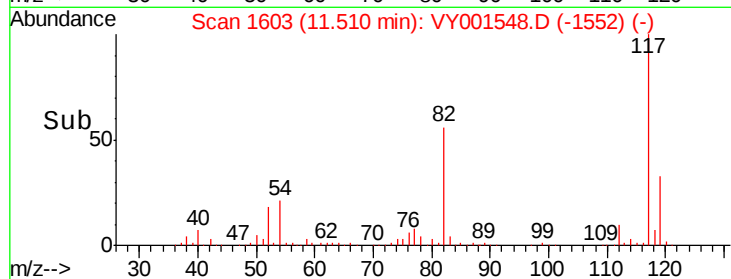
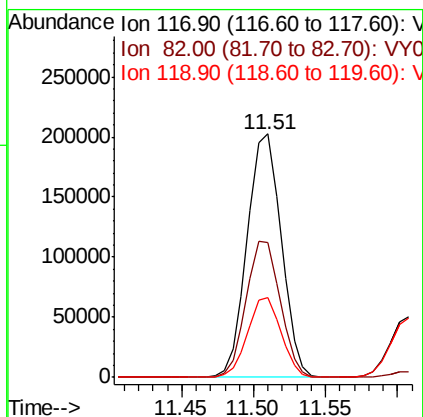
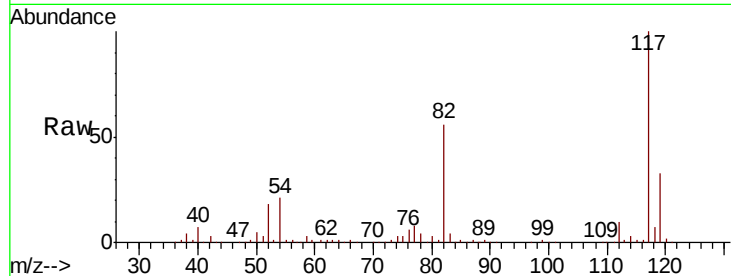




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

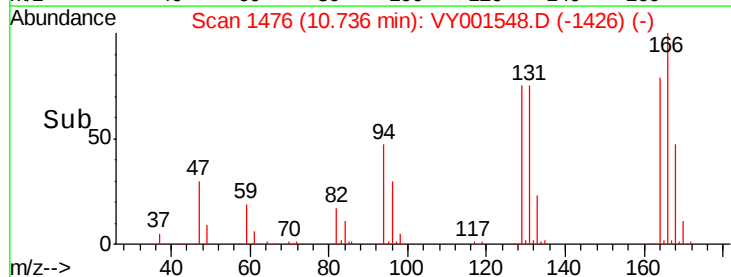
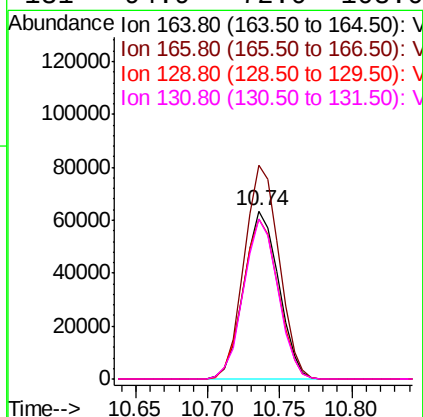
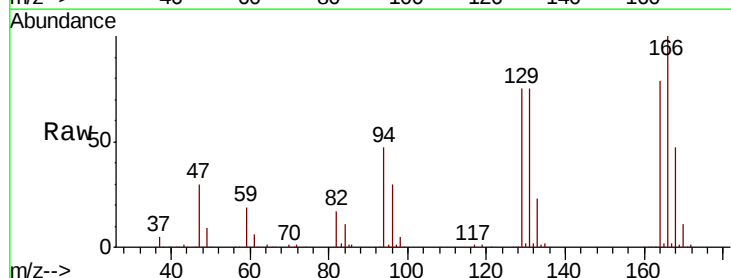
Instrument :
MSVOA_Y
ClientSampled :

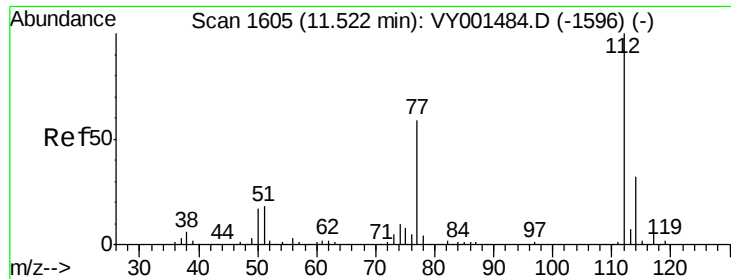
Tot Ion:117 Resp: 332539
Ion Ratio Lower Upper
117 100
82 55.6 46.1 69.1
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 48.774 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion:164 Resp: 106368
Ion Ratio Lower Upper
164 100
166 127.1 100.8 151.2
129 95.3 77.8 116.6
131 94.9 72.0 108.0

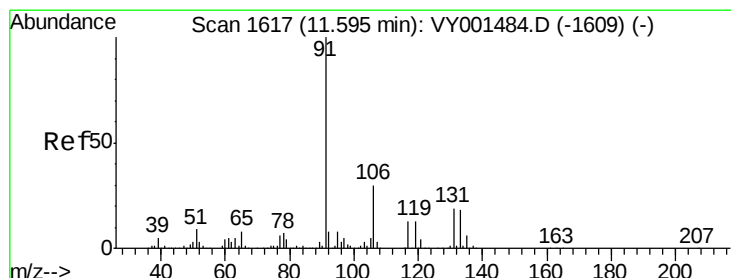
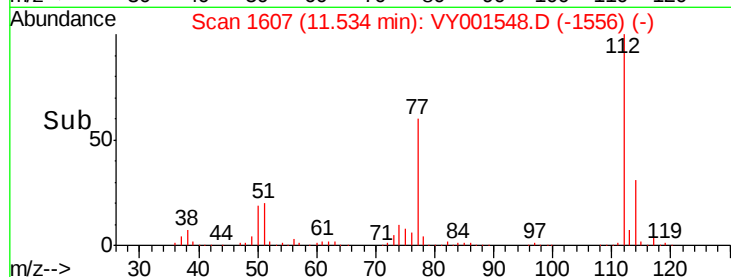
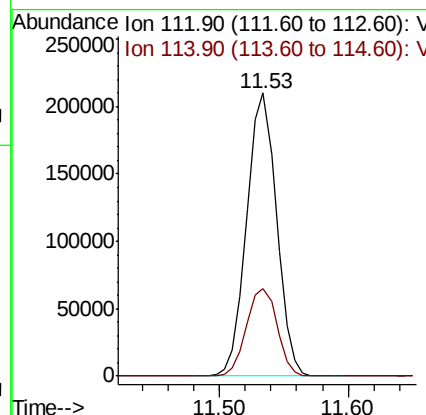
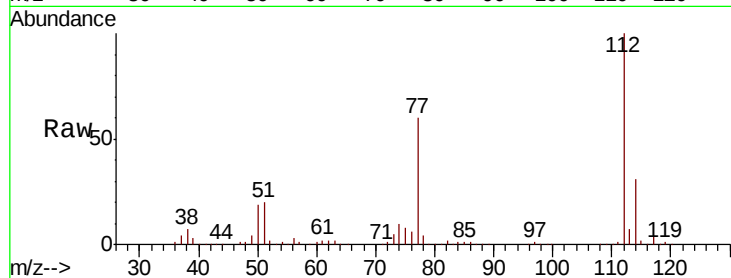




#65
Chlorobenzene
Concen: 51.508 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

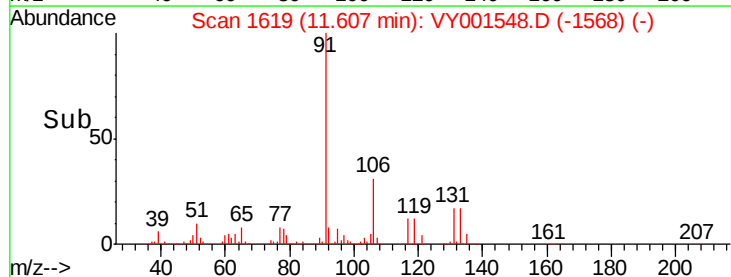
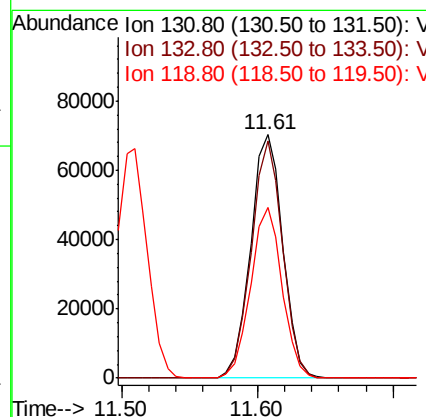
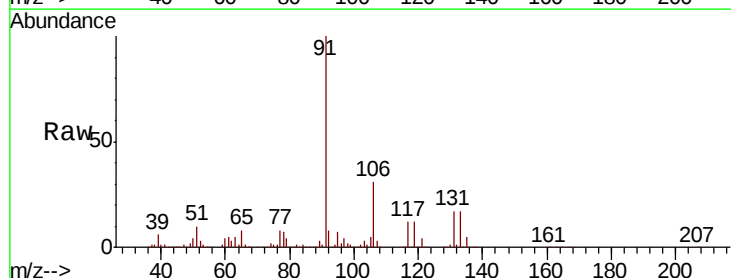
Instrument :
MSVOA_Y
ClientSampled :

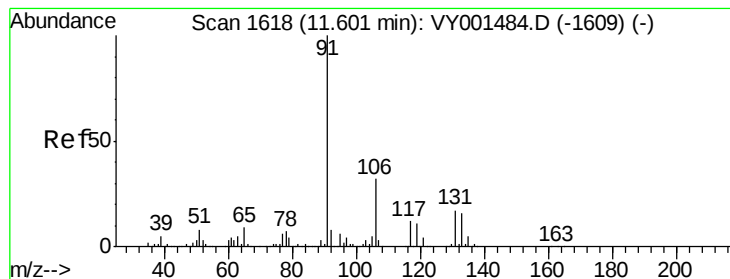
Tot Ion:112 Resp: 336315
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.931 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion:131 Resp: 116388
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 68.8 33.7 101.0





#67

Ethyl Benzene

Concen: 51.454 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

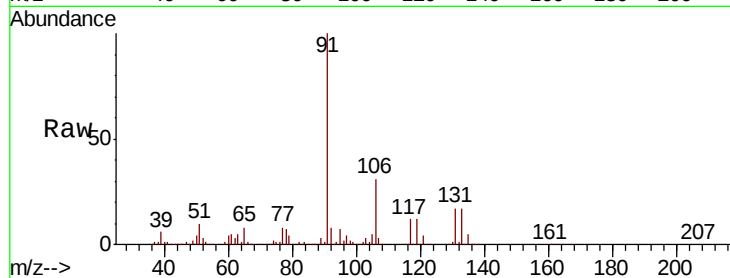
ClientSampled :

Tot Ion: 91 Resp: 621181

Ion Ratio Lower Upper

91 100

106 30.5 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY001484.D (-1609) (-)

600000

500000

400000

300000

200000

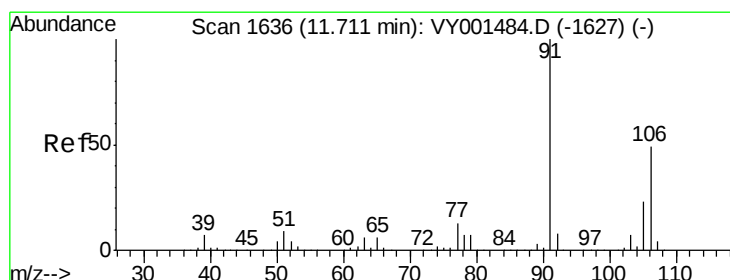
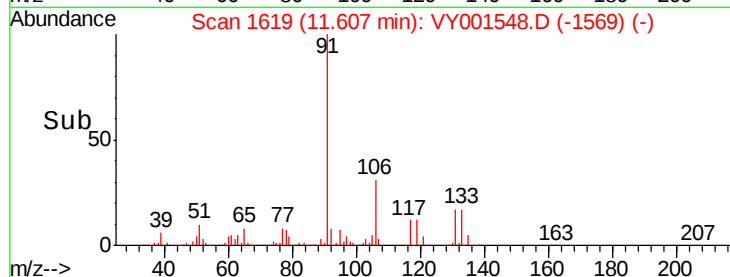
100000

0

11.61

11.70

Time-->



#68

m/p-Xylenes

Concen: 102.888 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001548.D

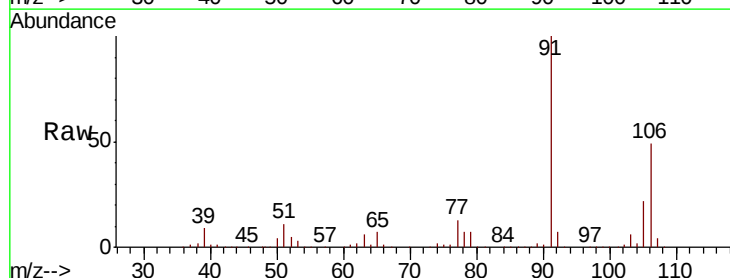
Acq: 06 Feb 2020 21:44

Tgt Ion: 106 Resp: 466301

Ion Ratio Lower Upper

106 100

91 203.1 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): VY001484.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1627) (-)

600000

500000

400000

300000

200000

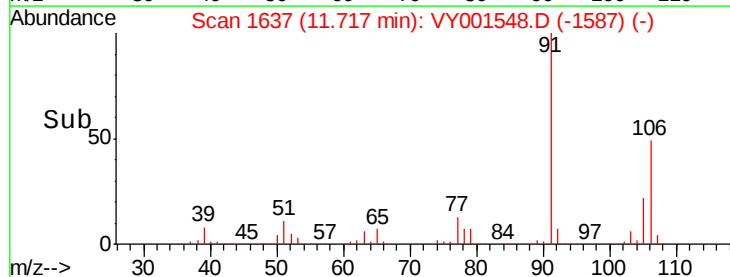
100000

0

11.72

11.80

Time-->

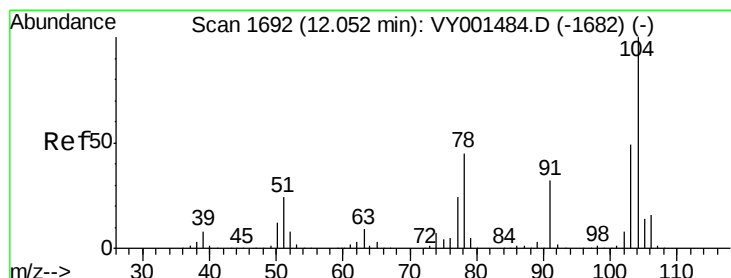
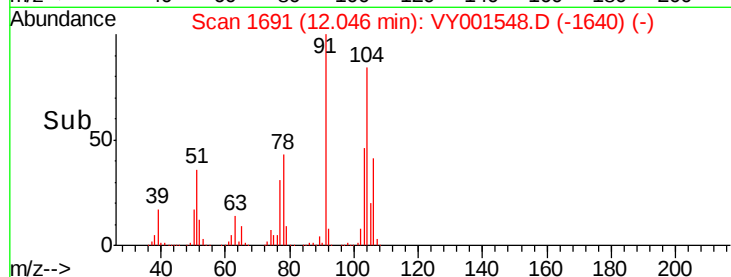
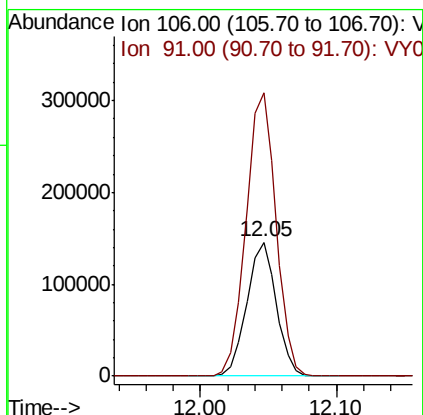
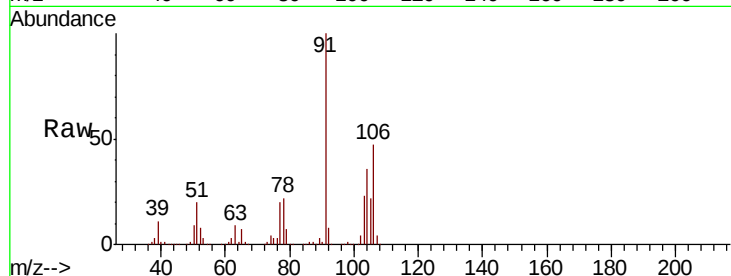




#69
o-Xylene
Concen: 51.921 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

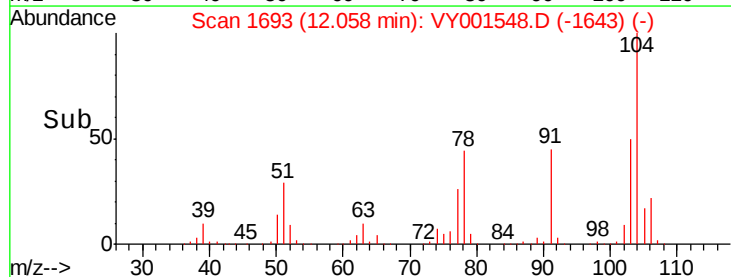
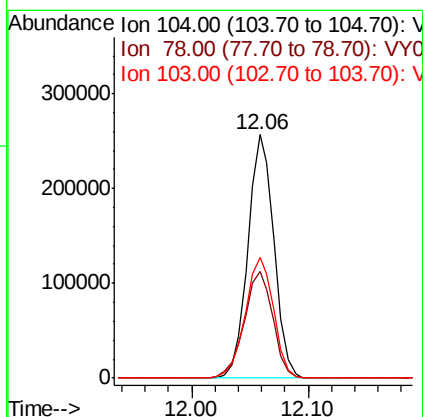
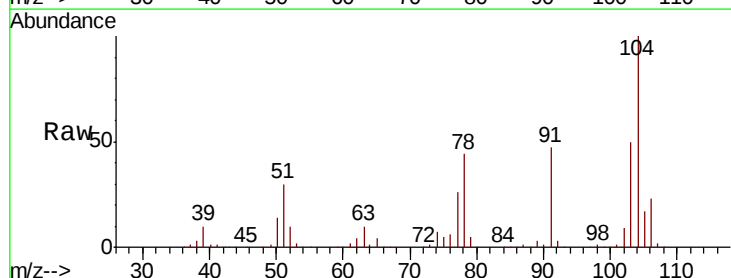
Instrument :
MSVOA_Y
ClientSampled :

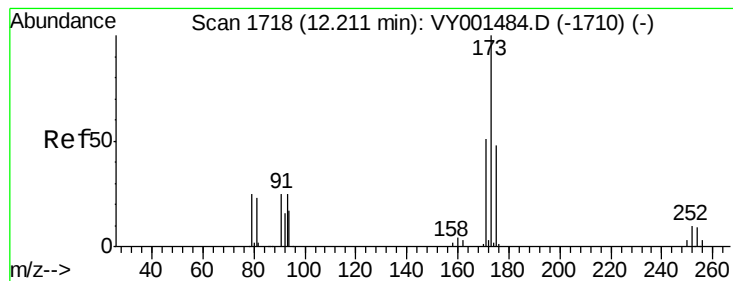
Tot Ion:106 Resp: 221865
Ion Ratio Lower Upper
106 100
91 214.6 106.0 318.0



#70
Styrene
Concen: 54.005 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion:104 Resp: 399076
Ion Ratio Lower Upper
104 100
78 48.5 40.4 60.6
103 53.9 42.8 64.2





#71

Bromoform

Concen: 55.096 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

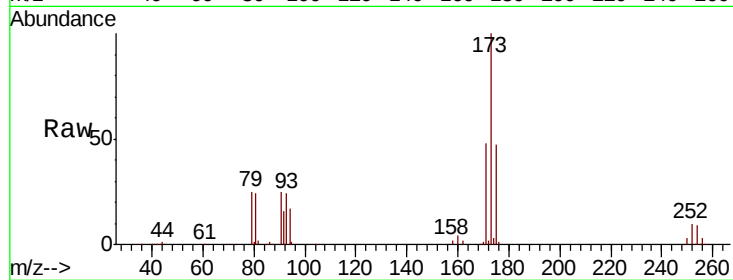
Tot Ion:173 Resp: 70108

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

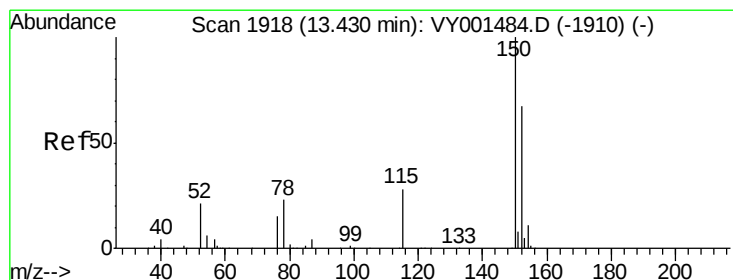
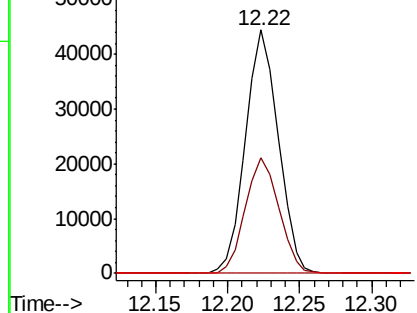
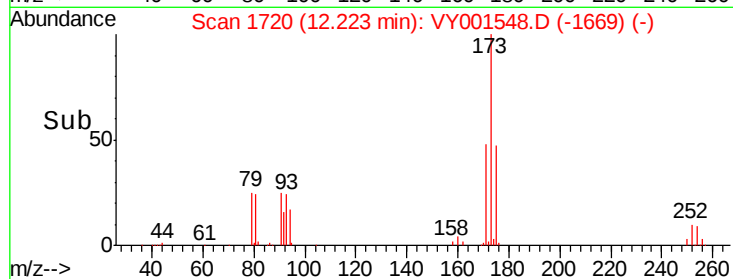
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

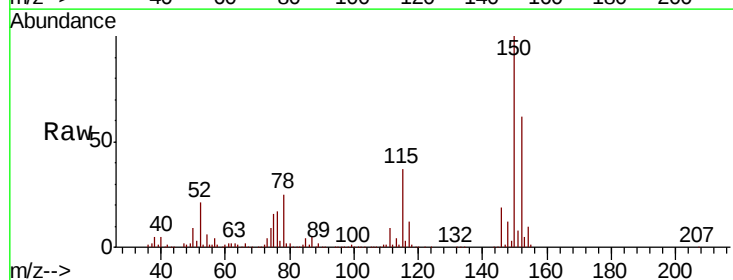
Tgt Ion:152 Resp: 161651

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.3

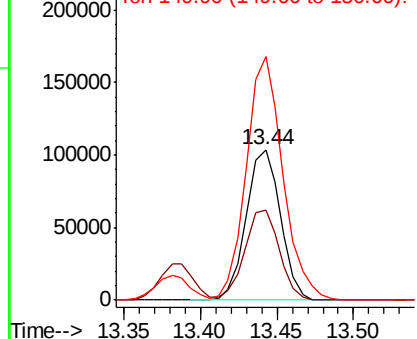
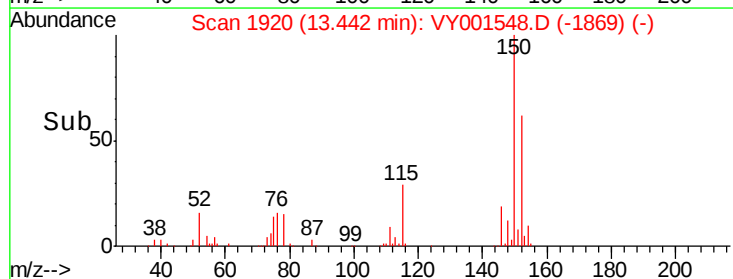
150 172.5 0.0 346.8

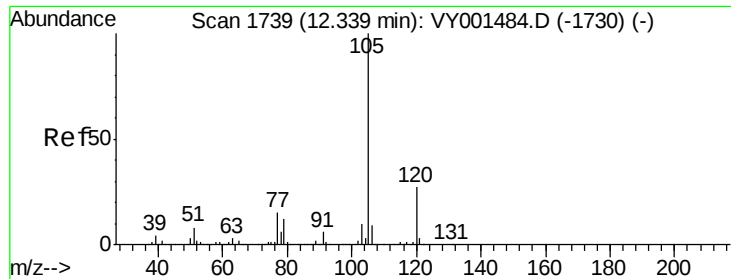


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

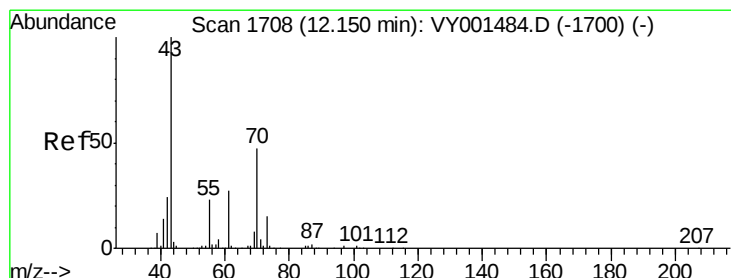
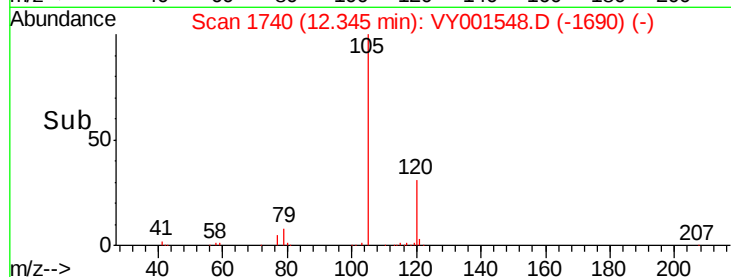
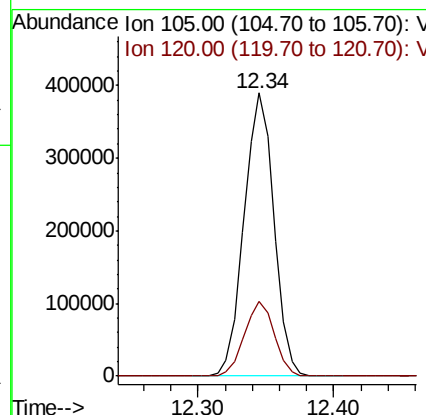
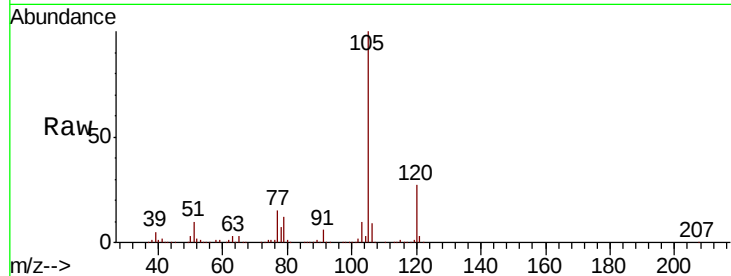




#73
Isopropylbenzene
Concen: 48.380 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

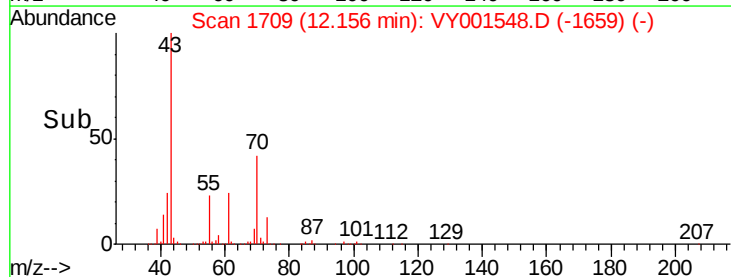
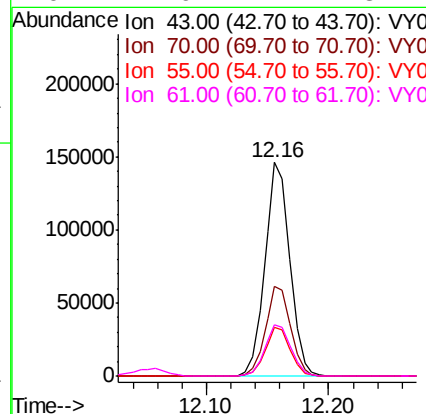
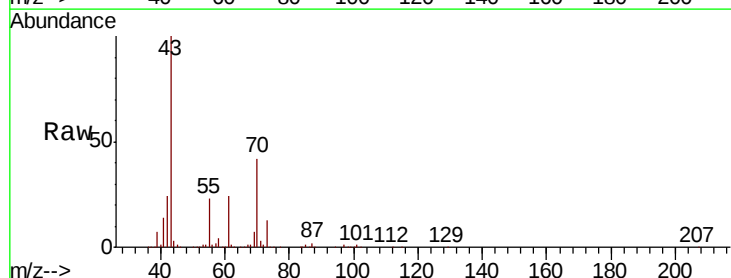
Instrument :
MSVOA_Y
ClientSampleId :

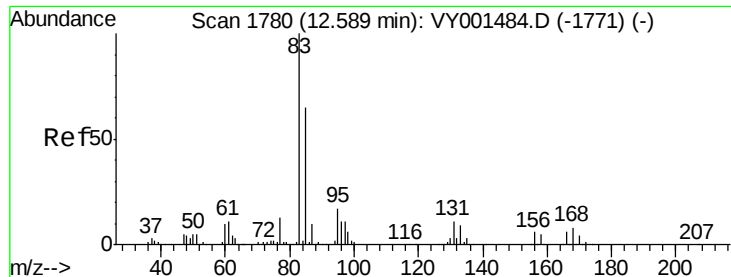
Tot Ion:105 Resp: 596466
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 64.532 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 43 Resp: 206742
Ion Ratio Lower Upper
43 100
70 42.6 37.2 55.8
55 22.7 18.8 28.2
61 24.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.880 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampled :

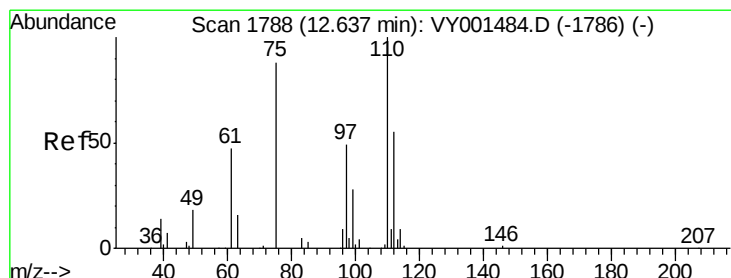
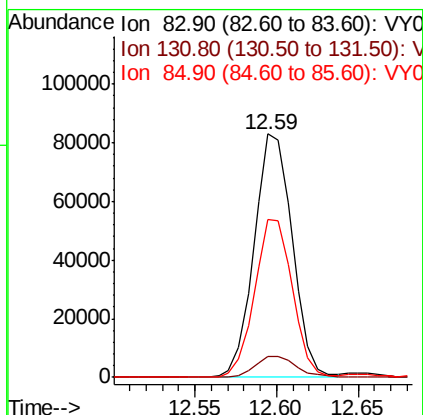
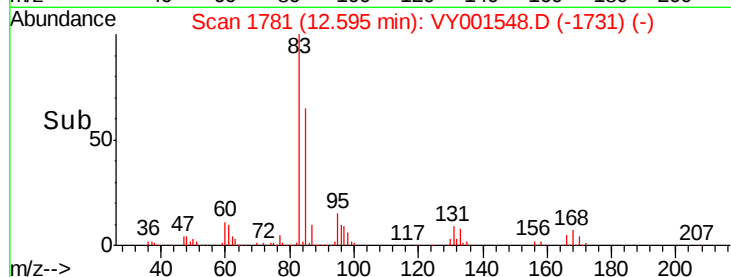
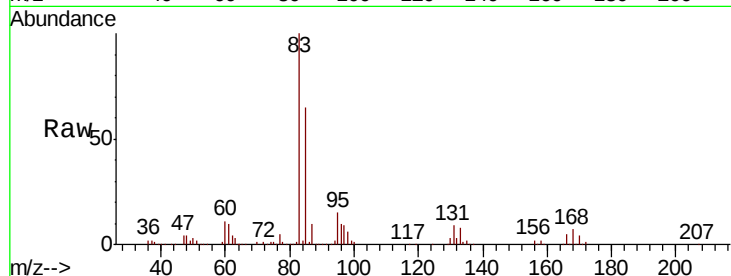
Tot Ion: 83 Resp: 135578

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 101.643 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001548.D

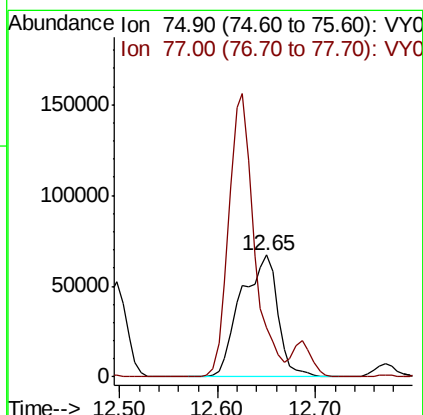
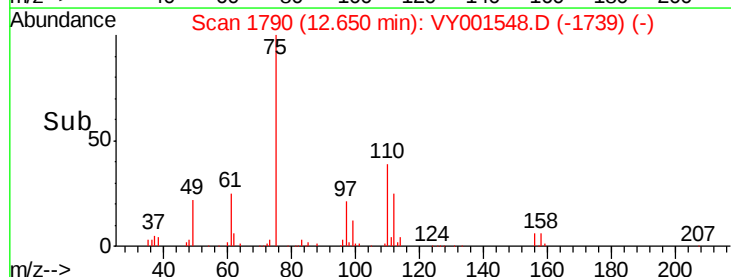
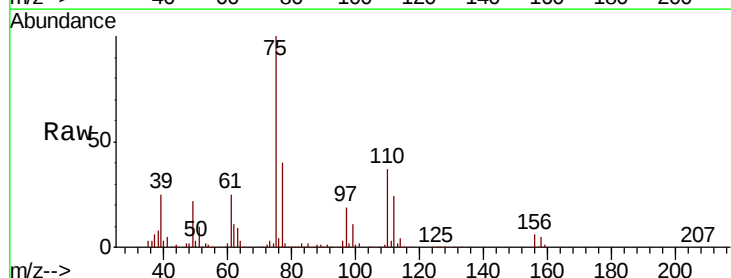
Acq: 06 Feb 2020 21:44

Tgt Ion: 75 Resp: 176696

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.092 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

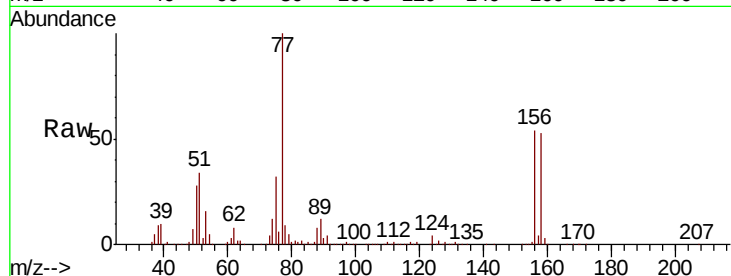
Tot Ion:156 Resp: 133650

Ion Ratio Lower Upper

156 100

77 212.2 99.8 299.3

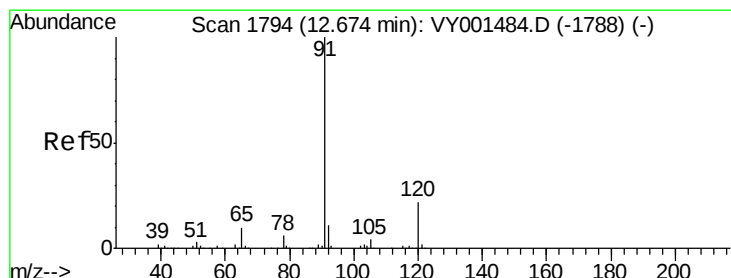
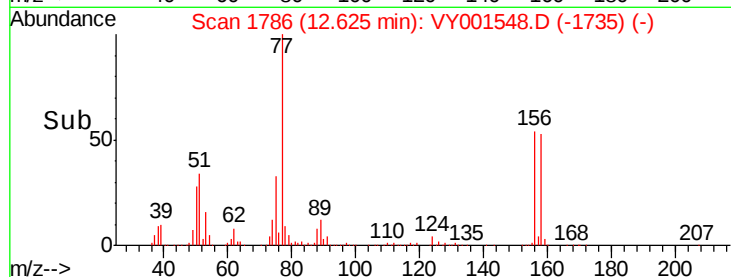
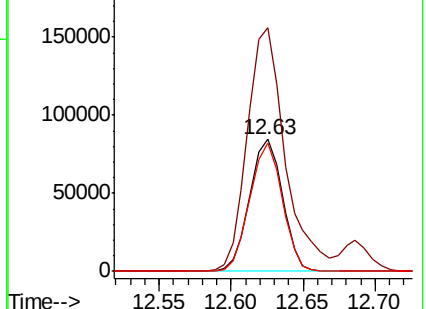
158 95.5 47.5 142.6



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: 49.196 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001548.D

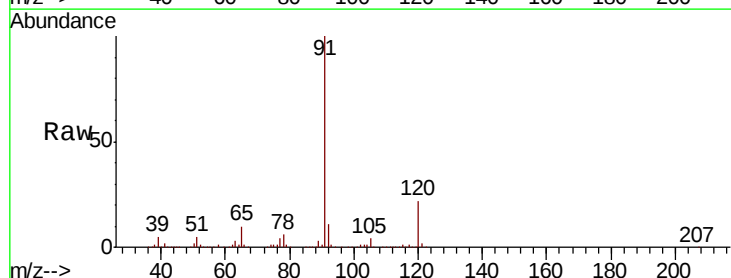
Acq: 06 Feb 2020 21:44

Tgt Ion: 91 Resp: 726117

Ion Ratio Lower Upper

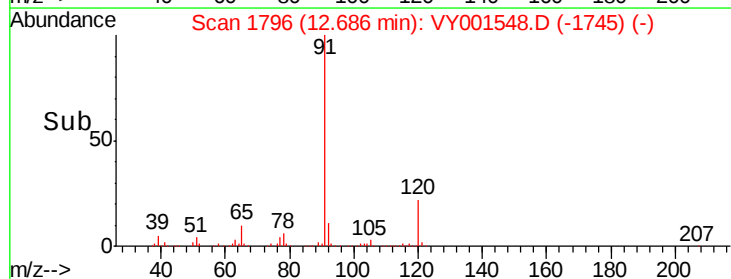
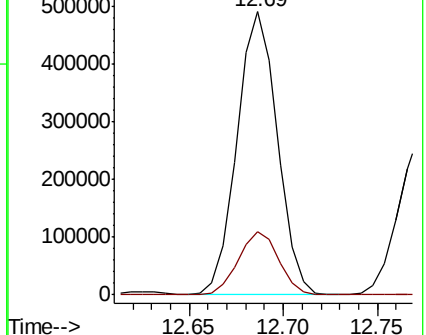
91 100

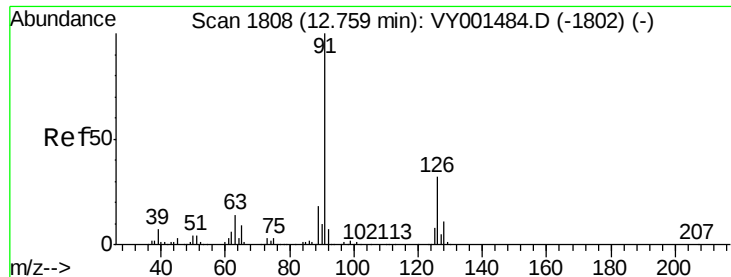
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

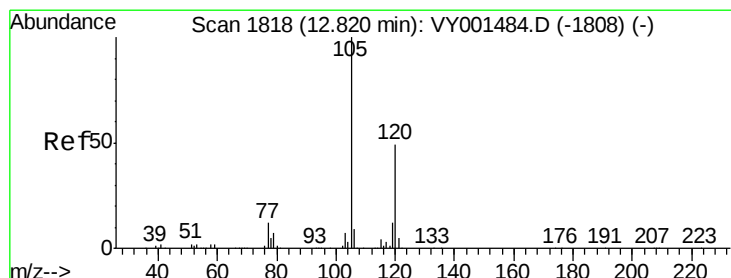
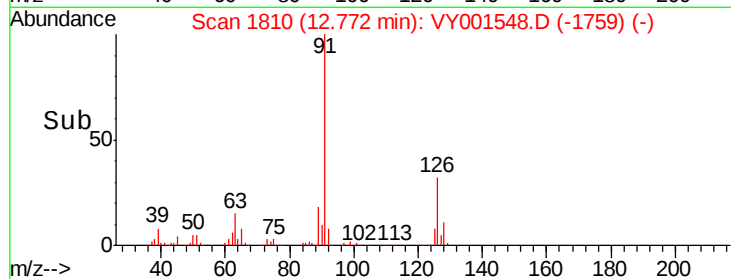
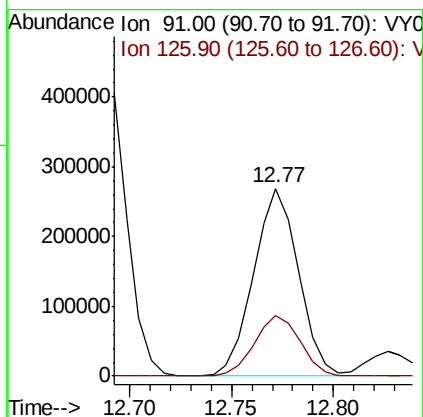
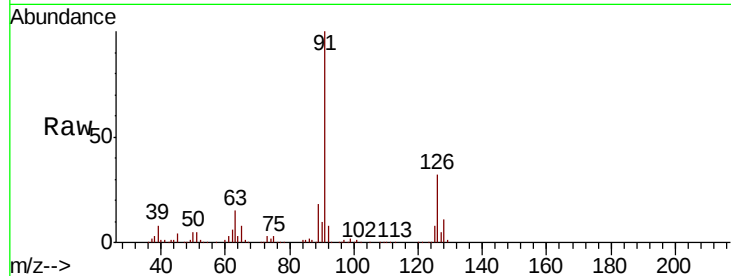




#79
 2-Chlorotoluene
 Concen: 48.915 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

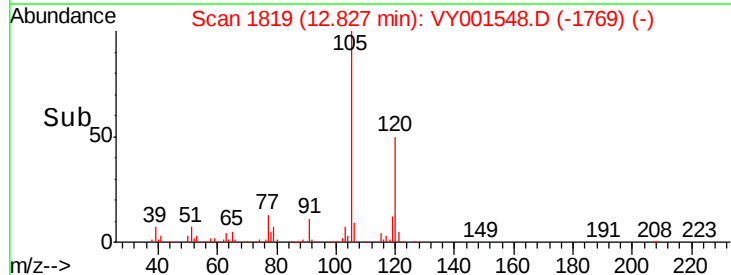
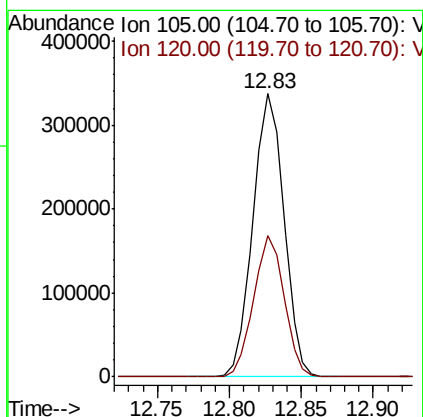
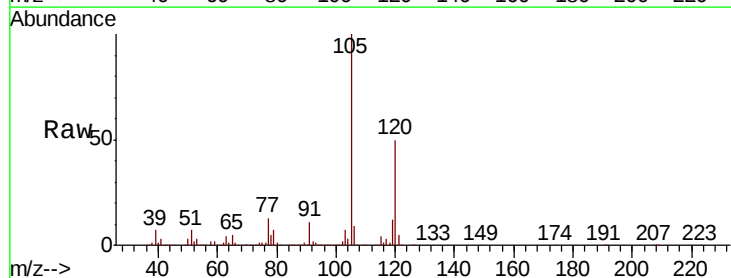
Instrument :
 MSVOA_Y
 ClientSampleId :

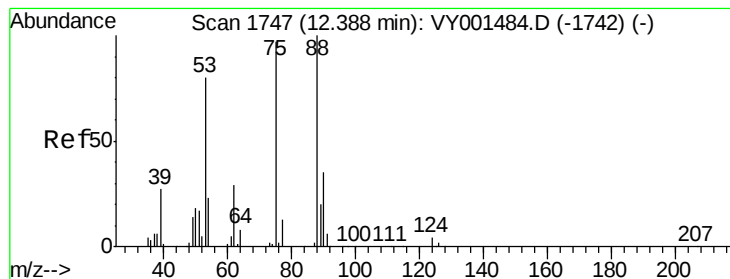
Tot Ion: 91 Resp: 411530
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 48.266 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion: 105 Resp: 501149
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.724 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

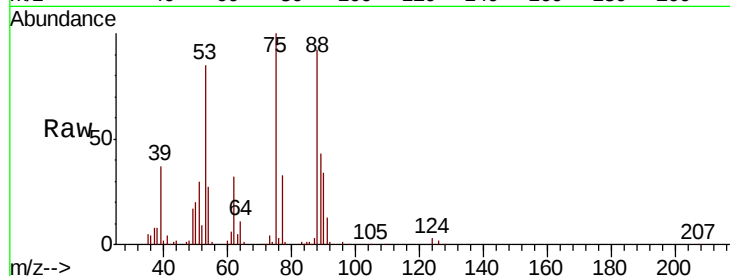
Tot Ion: 75 Resp: 49165

Ion Ratio Lower Upper

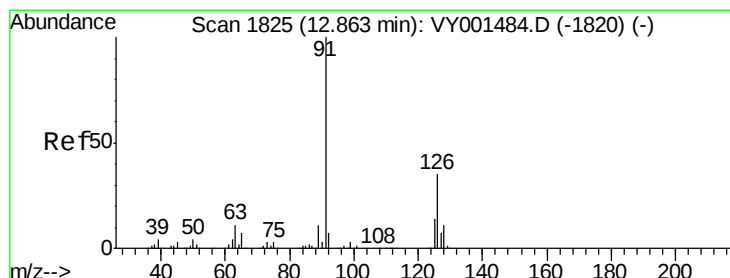
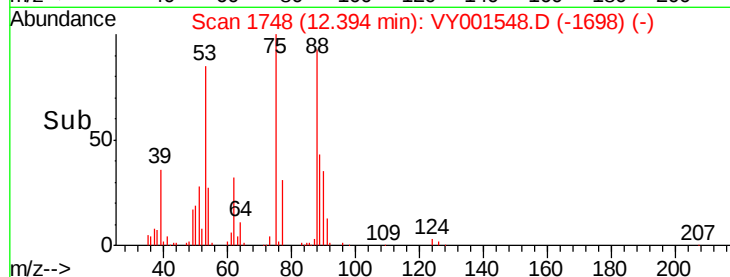
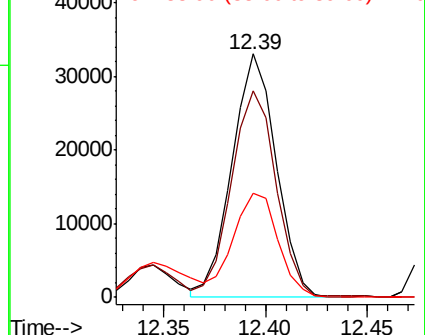
75 100

53 86.1 67.7 101.5

89 44.3 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: 50.241 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001548.D

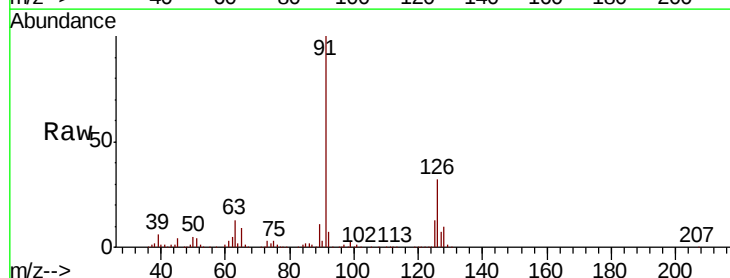
Acq: 06 Feb 2020 21:44

Tgt Ion: 91 Resp: 443171

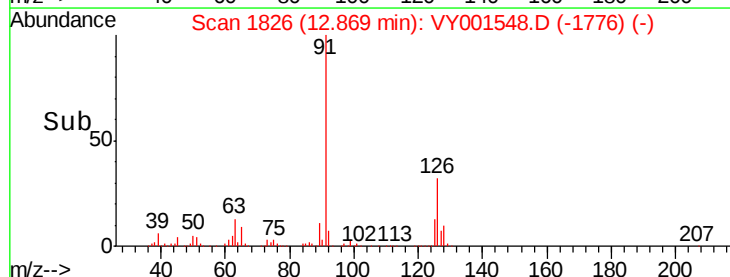
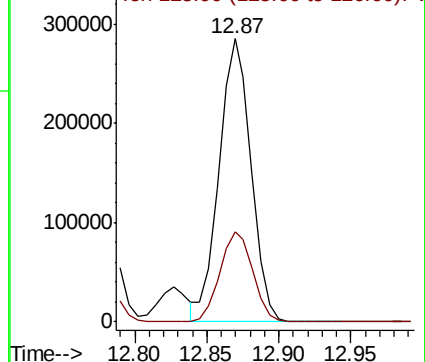
Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5



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

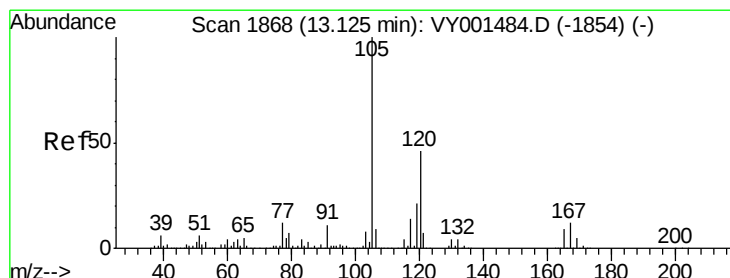
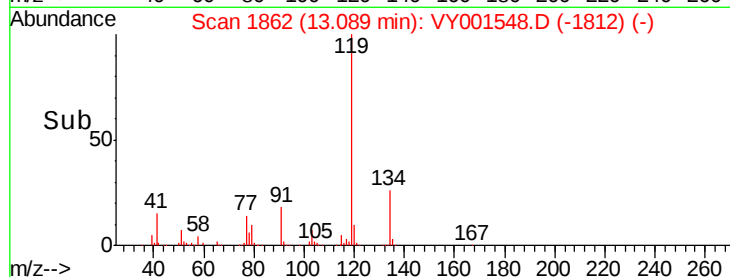
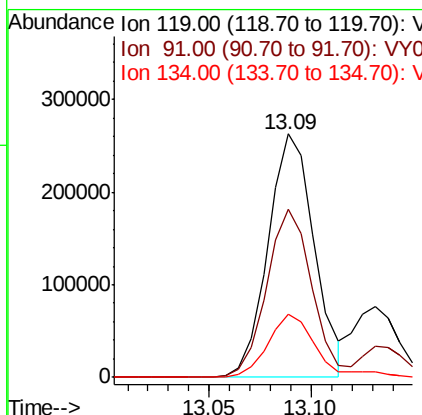
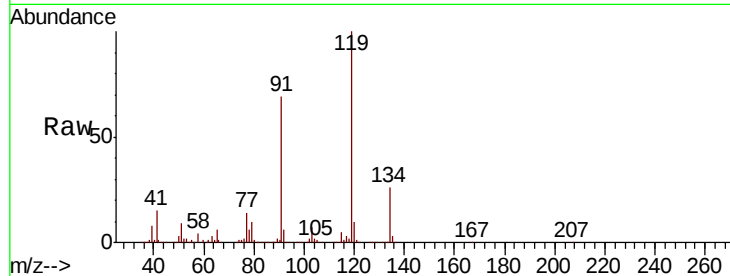




#83
tert-Butylbenzene
Concen: 47.485 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

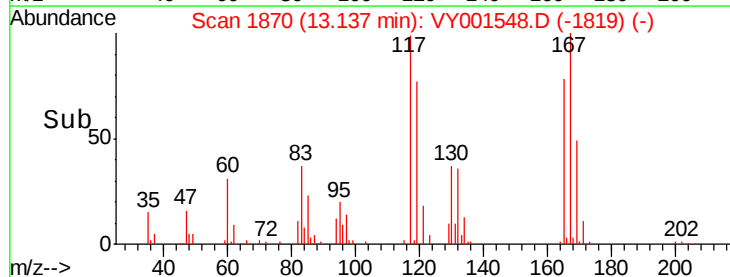
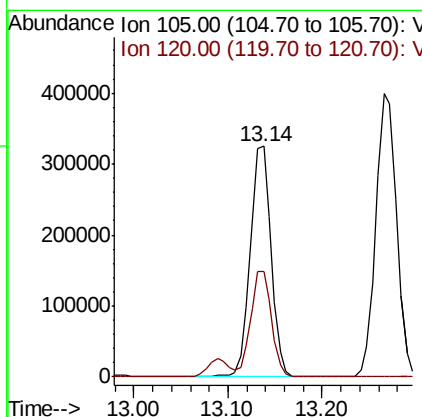
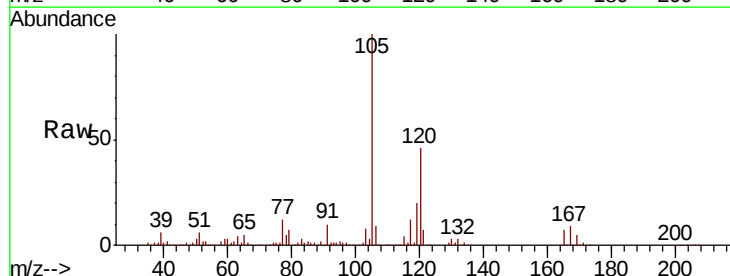
Instrument :
MSVOA_Y
ClientSampleId :

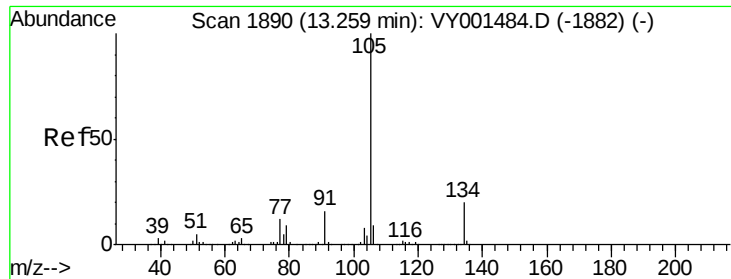
Tot Ion:119 Resp: 416750
Ion Ratio Lower Upper
119 100
91 67.6 33.1 99.3
134 27.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.366 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion:105 Resp: 507308
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0

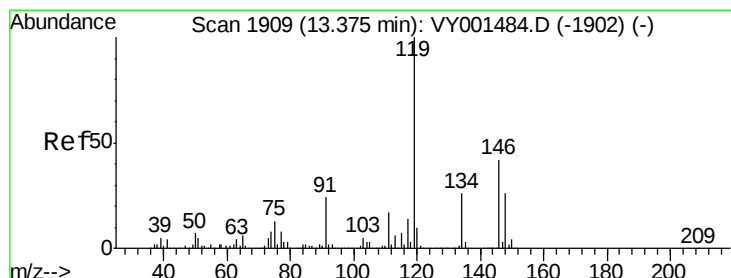
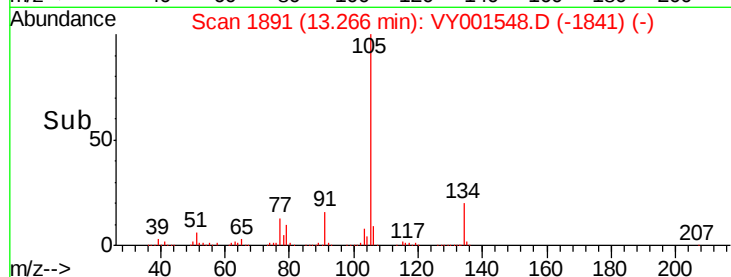
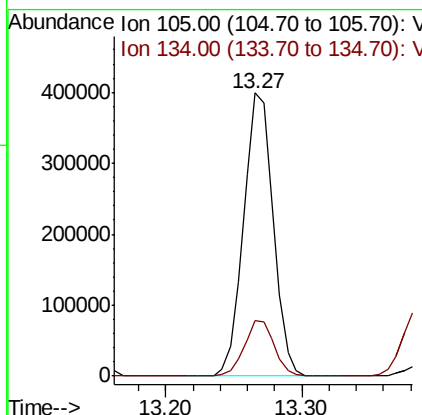
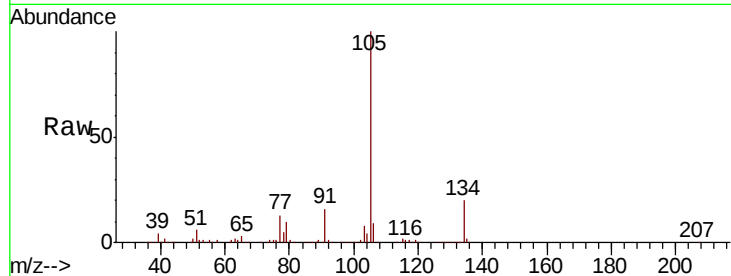




#85
 sec-Butylbenzene
 Concen: 49.216 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

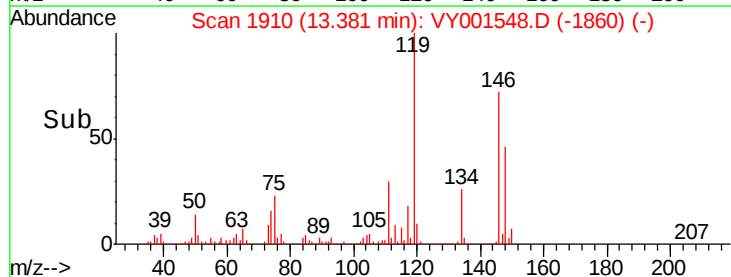
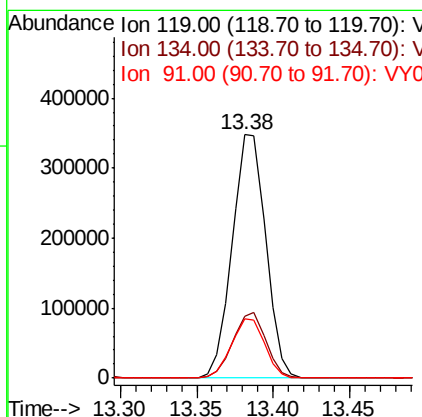
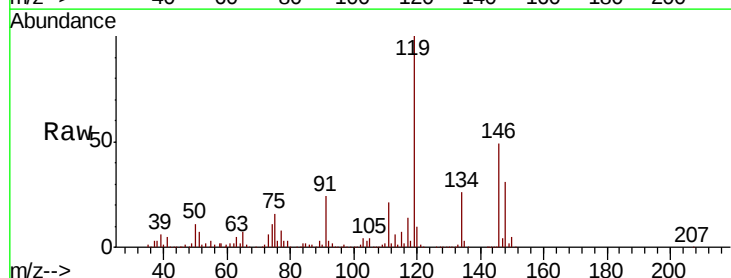
Instrument :
 MSVOA_Y
 ClientSampleId :

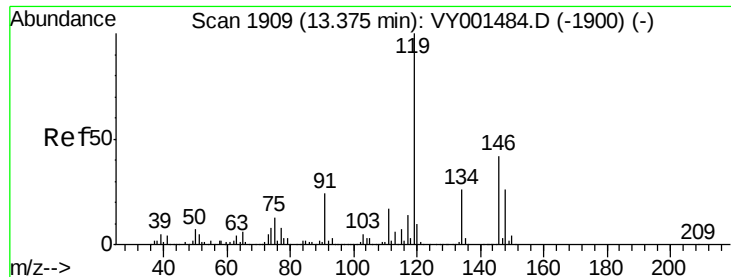
Tot Ion:105 Resp: 607300
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 48.728 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion:119 Resp: 529858
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 50.521 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampled :

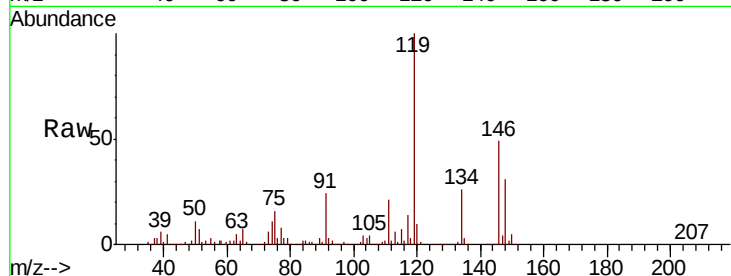
Tot Ion:146 Resp: 258328

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.9

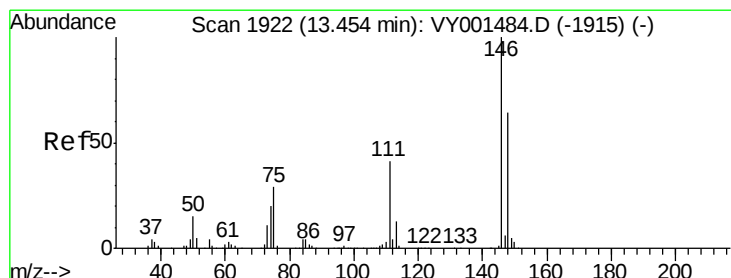
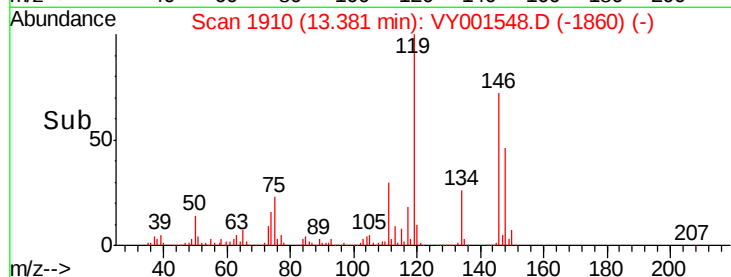
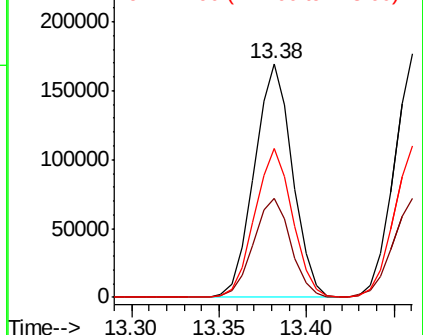
148 63.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.030 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

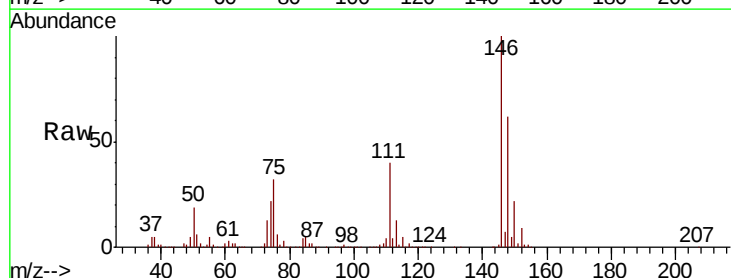
Tgt Ion:146 Resp: 261404

Ion Ratio Lower Upper

146 100

111 40.4 20.7 62.1

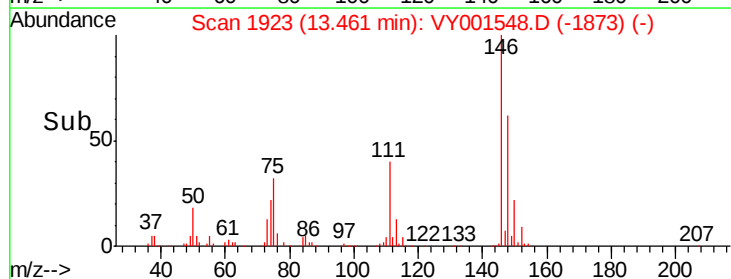
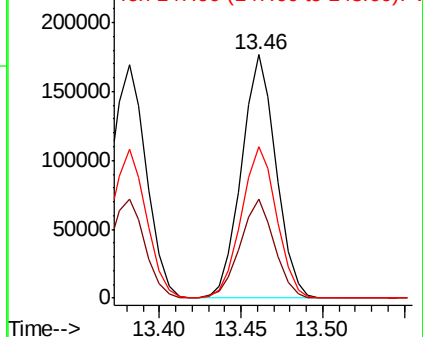
148 63.4 32.1 96.5

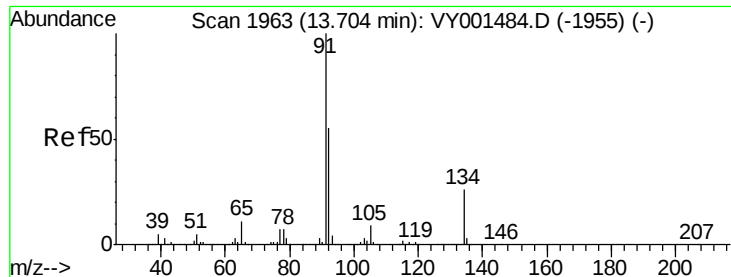


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

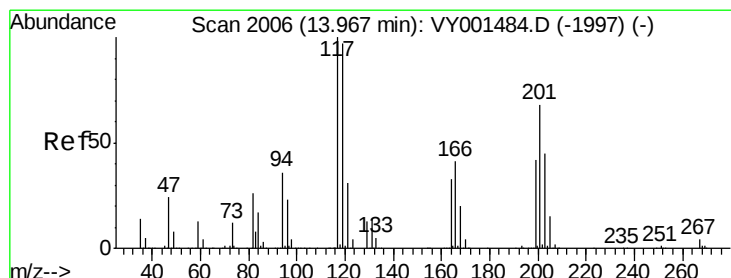
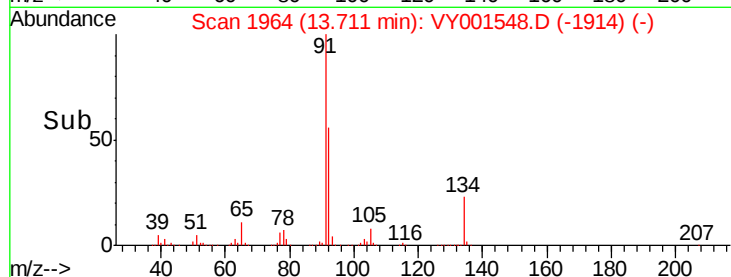
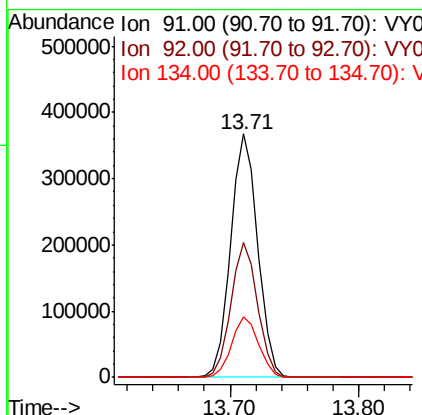
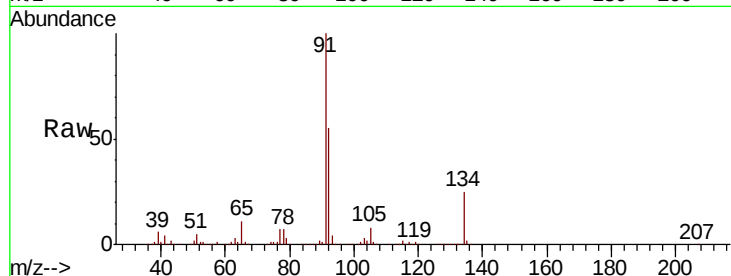




#89
n-Butylbenzene
Concen: 50.170 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

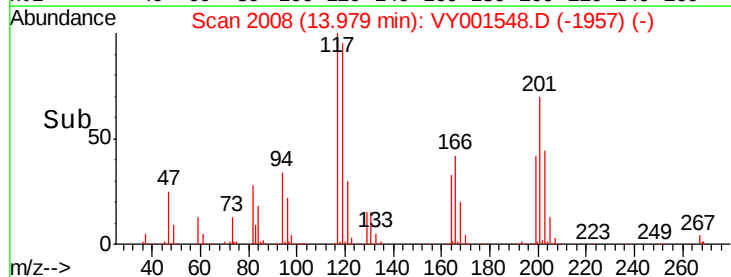
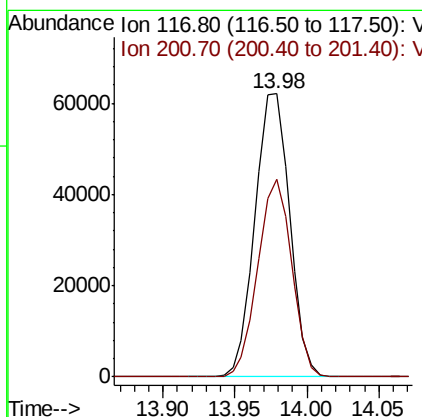
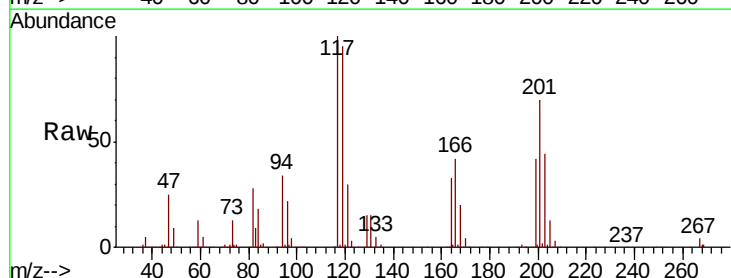
Instrument :
MSVOA_Y
ClientSampleId :

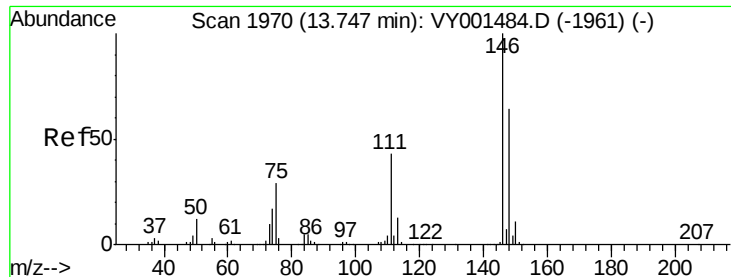
Tot Ion: 91 Resp: 538273
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.9
134 24.8 13.0 38.9



#90
Hexachloroethane
Concen: 49.617 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion: 117 Resp: 103555
Ion Ratio Lower Upper
117 100
201 68.2 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 51.609 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

Instrument :

MSVOA_Y

ClientSampleId :

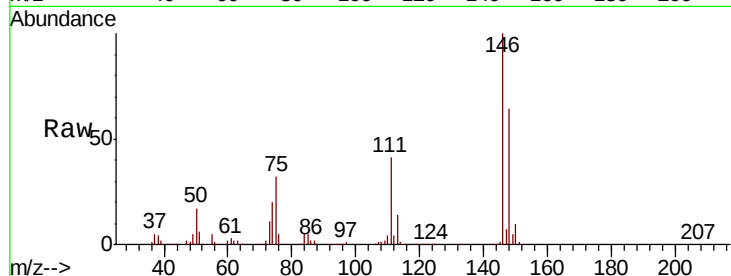
Tot Ion:146 Resp: 239142

Ion Ratio Lower Upper

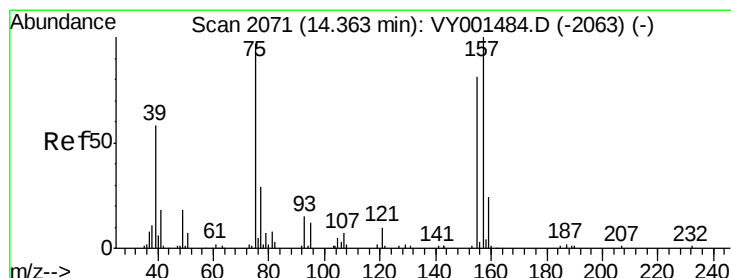
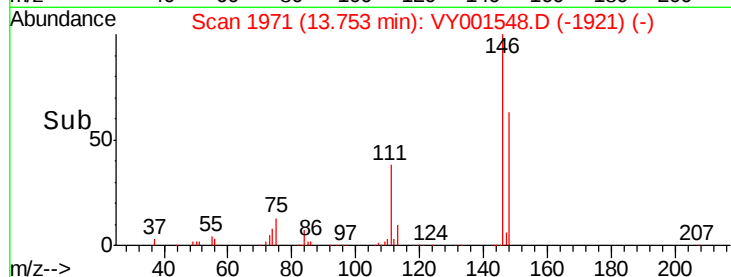
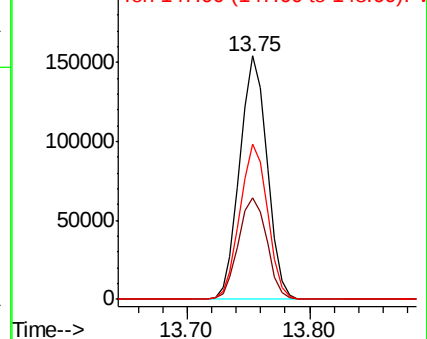
146 100

111 43.1 21.9 65.8

148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.960 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001548.D

Acq: 06 Feb 2020 21:44

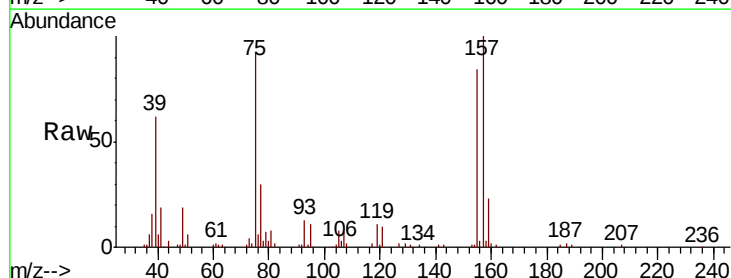
Tgt Ion: 75 Resp: 22901

Ion Ratio Lower Upper

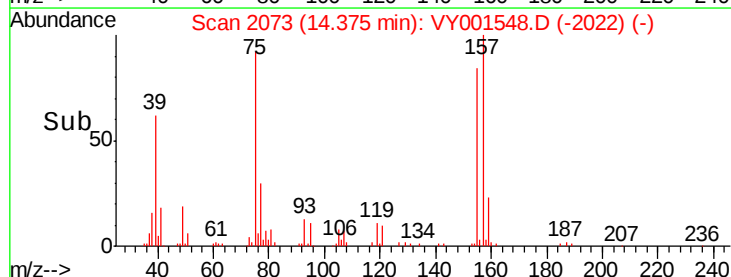
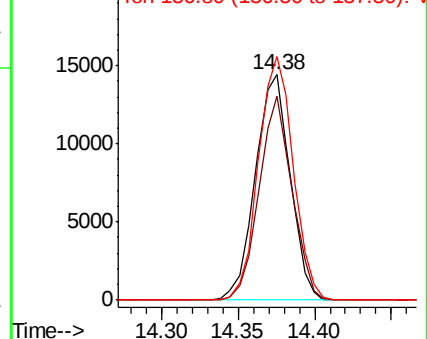
75 100

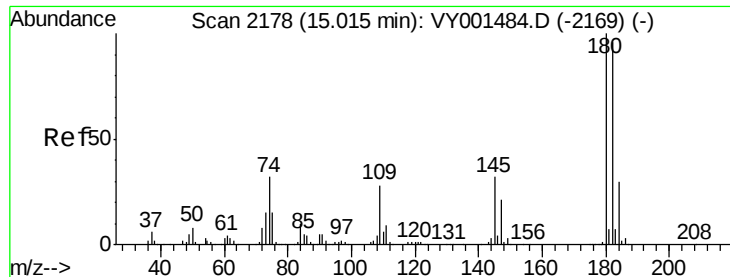
155 85.2 40.7 122.1

157 107.4 52.3 157.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

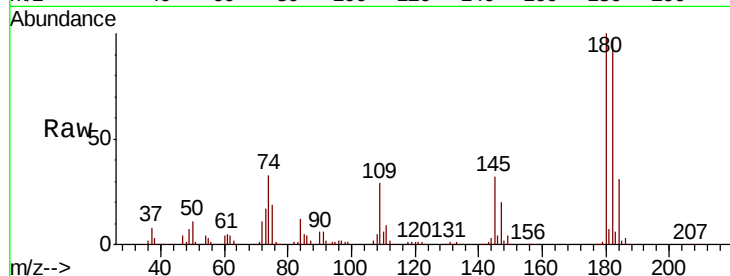




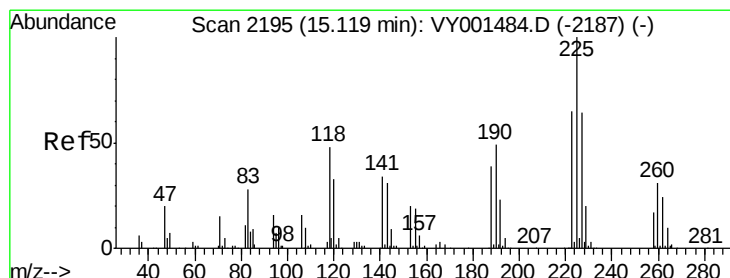
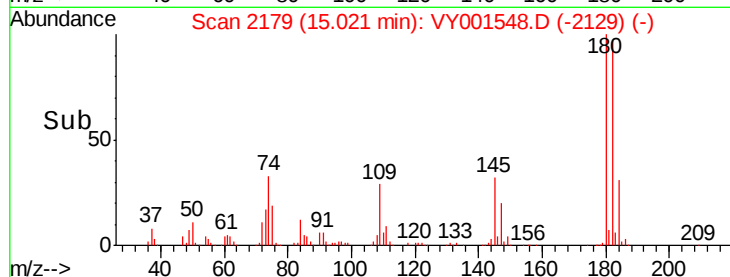
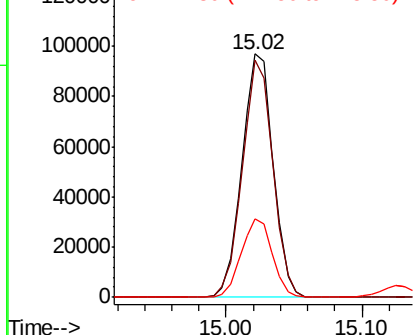
#93
 1,2,4-Trichlorobenzene
 Concen: 49.756 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 155370
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.7
 145 32.0 16.8 50.3

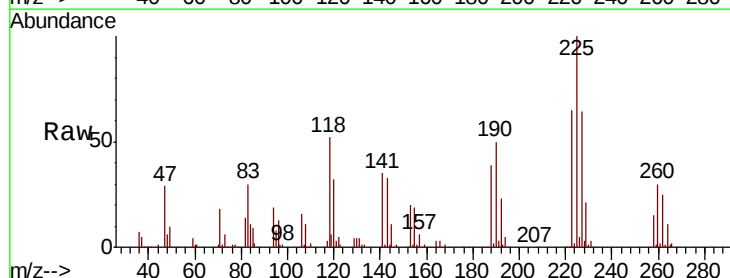


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

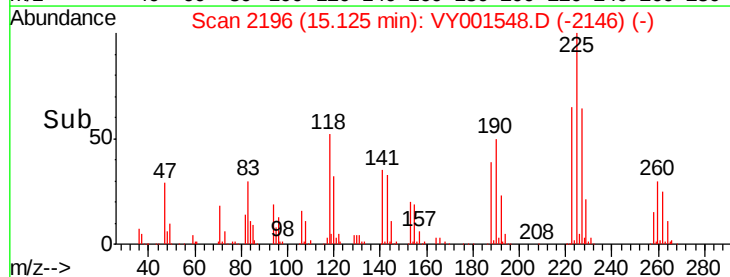
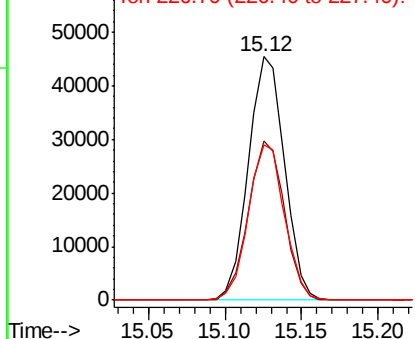


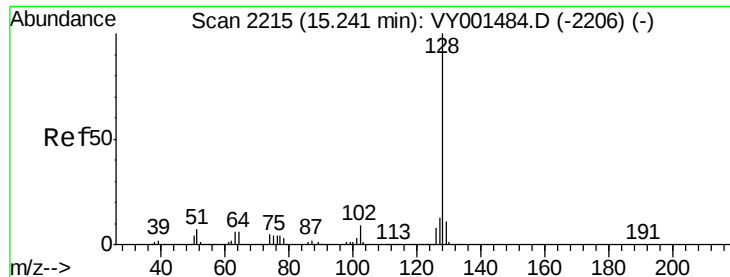
#94
 Hexachlorobutadiene
 Concen: 47.189 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001548.D
 Acq: 06 Feb 2020 21:44

Tgt Ion:225 Resp: 74786
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.9 95.7
 227 63.8 32.6 97.7



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

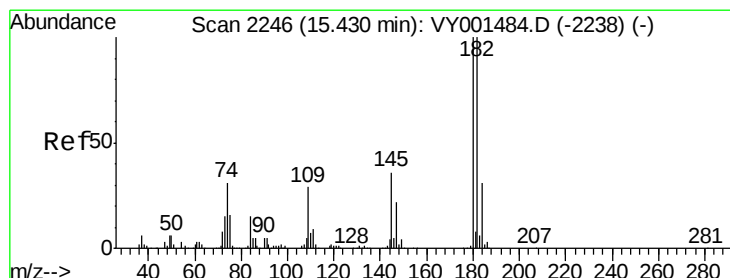
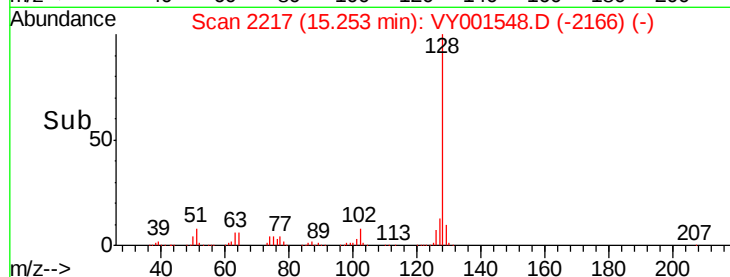
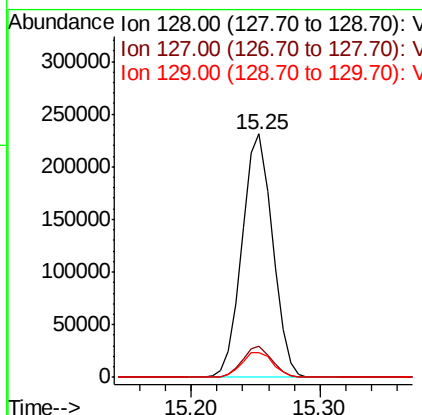
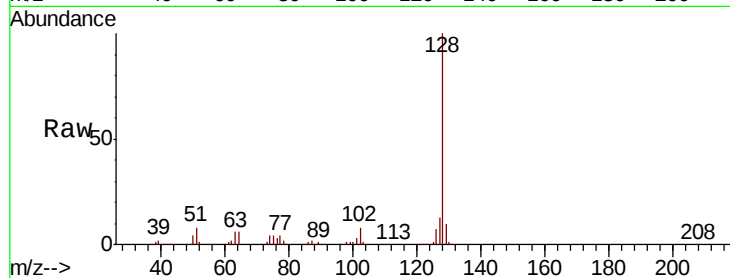




#95
Naphthalene
Concen: 51.465 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.237 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001548.D
Acq: 06 Feb 2020 21:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	34.0	17.8	53.5

