

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001902.D
 Acq On : 06 Mar 2020 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	124546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	90150	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	7.75	113	84442	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	10.19	98	360549	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.49	95	122850	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	73283	48.735	ug/l	99
3) Chloromethane	2.13	50	103778	51.190	ug/l	98
4) Vinyl Chloride	2.27	62	105333	51.080	ug/l	98
5) Bromomethane	2.68	94	69183	58.427	ug/l	97
6) Chloroethane	2.82	64	68006	52.499	ug/l	100
7) Trichlorofluoromethane	3.16	101	140959	50.403	ug/l	96
8) Diethyl Ether	3.56	74	57813	52.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	93532	51.998	ug/l	100
10) Methyl Iodide	4.13	142	112673	54.165	ug/l	99
11) Tert butyl alcohol	5.00	59	47805	265.555	ug/l	98
12) 1,1-Dichloroethene	3.91	96	94931	52.414	ug/l	96
13) Acrolein	3.76	56	55466	226.965	ug/l	98
14) Allyl chloride	4.52	41	169937	52.926	ug/l	99
15) Acrylonitrile	5.21	53	149744	254.234	ug/l	99
16) Acetone	3.98	43	136505	269.494	ug/l	97
17) Carbon Disulfide	4.23	76	312328	51.298	ug/l	99
18) Methyl Acetate	4.52	43	63569	48.844	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	255342	52.024	ug/l	98
20) Methylene Chloride	4.76	84	113834	52.437	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	107729	52.404	ug/l	99
22) Diisopropyl ether	6.16	45	348840	53.002	ug/l	98
23) Vinyl Acetate	6.10	43	1140463	264.318	ug/l	98
24) 1,1-Dichloroethane	6.06	63	188280	52.826	ug/l	98
25) 2-Butanone	7.02	43	200611	260.438	ug/l	100
26) 2,2-Dichloropropane	7.02	77	155134	53.031	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	119484	53.433	ug/l	100
28) Bromochloromethane	7.36	49	83944	52.252	ug/l	99
29) Tetrahydrofuran	7.38	42	126291	246.895	ug/l	99
30) Chloroform	7.54	83	177321	52.953	ug/l	97
31) Cyclohexane	7.82	56	194043	50.776	ug/l	94
32) 1,1,1-Trichloroethane	7.73	97	149286	52.894	ug/l	100
36) 1,1-Dichloropropene	7.94	75	149938	51.828	ug/l	99
37) Ethyl Acetate	7.11	43	85093	50.608	ug/l	99
38) Carbon Tetrachloride	7.93	117	128340	51.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	197480	51.467	ug/l	99
40) Benzene	8.19	78	449156	52.381	ug/l	98
41) Methacrylonitrile	7.38	41	114048	150.719	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	113726	51.470	ug/l	99
43) Isopropyl Acetate	8.30	43	160023	50.268	ug/l	99
44) Trichloroethene	8.96	130	108433	51.923	ug/l	99
45) 1,2-Dichloropropane	9.24	63	113817	52.802	ug/l	99
46) Dibromomethane	9.32	93	57272	51.559	ug/l	98
47) Bromodichloromethane	9.51	83	136442	52.803	ug/l	99
48) Methyl methacrylate	9.31	41	75796	53.659	ug/l	98
49) 1,4-Dioxane	9.32	88	14451	949.425	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	422402	257.616	ug/l	100
52) Toluene	10.25	92	272110	52.238	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	148886	52.887	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	176246	52.590	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	83393	51.298	ug/l	98
56) Ethyl methacrylate	10.52	69	125227	52.554	ug/l	97
57) 1,3-Dichloropropane	10.80	76	148794	51.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	200258	238.997	ug/l	99
59) 2-Hexanone	10.84	43	293043	250.397	ug/l	99
60) Dibromochloromethane	10.99	129	89854	52.454	ug/l	100
61) 1,2-Dibromoethane	11.10	107	78785	51.163	ug/l	99
64) Tetrachloroethene	10.73	164	87098	50.994	ug/l	92
65) Chlorobenzene	11.53	112	274600	50.600	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	92270	51.848	ug/l	99
67) Ethyl Benzene	11.60	91	523309	51.705	ug/l	98
68) m/p-Xylenes	11.71	106	385546	103.036	ug/l	100
69) o-Xylene	12.03	106	182179	51.656	ug/l	99
70) Styrene	12.05	104	318317	52.698	ug/l	100
71) Bromoform	12.22	173	50559	52.386	ug/l #	99
73) Isopropylbenzene	12.34	105	488362	51.366	ug/l	99
74) N-amyl acetate	12.15	43	148348	50.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	105170	51.296	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	132806	89.866	ug/l #	100
77) Bromobenzene	12.62	156	103350	51.307	ug/l	99
78) n-propylbenzene	12.68	91	606384	51.697	ug/l	100
79) 2-Chlorotoluene	12.77	91	332915	51.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	404989	51.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	36039	49.260	ug/l	95
82) 4-Chlorotoluene	12.86	91	348526	51.654	ug/l	100
83) tert-Butylbenzene	13.08	119	337201	51.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	404027	52.014	ug/l	99
85) sec-Butylbenzene	13.26	105	496381	51.802	ug/l	99
86) p-Isopropyltoluene	13.38	119	429249	51.930	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	201829	51.131	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	202088	50.465	ug/l	99
89) n-Butylbenzene	13.70	91	444210	51.798	ug/l	99
90) Hexachloroethane	13.97	117	81037	51.967	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	182359	50.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15306	47.841	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112930	48.559	ug/l	98
94) Hexachlorobutadiene	15.12	225	56628	49.944	ug/l	99
95) Naphthalene	15.25	128	266661	48.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	101177	49.386	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

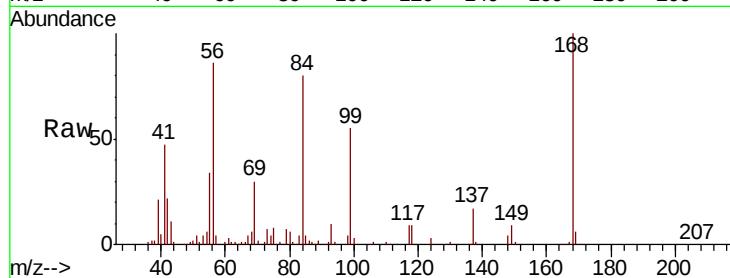
ClientSampleId :

Tot Ion:168 Resp: 162901

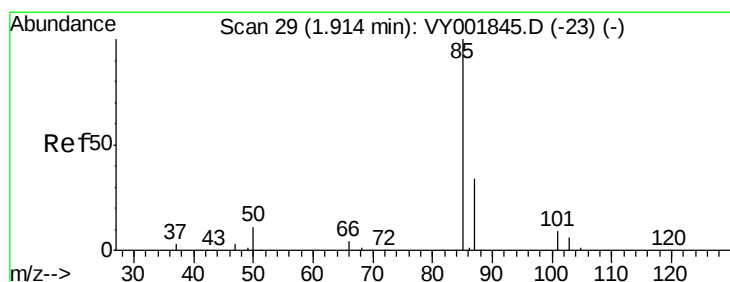
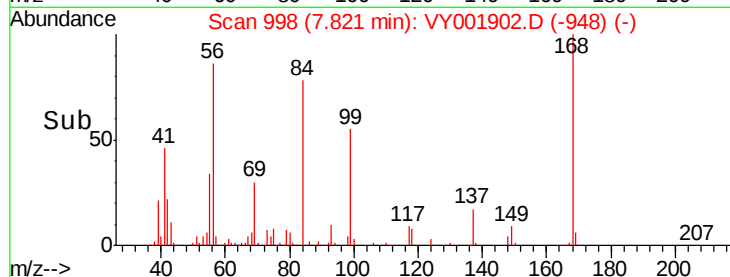
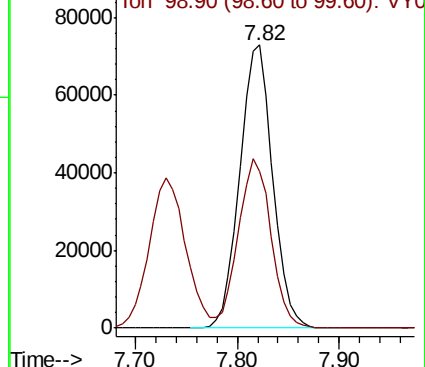
Ion Ratio Lower Upper

168 100

99 55.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 48.735 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001902.D

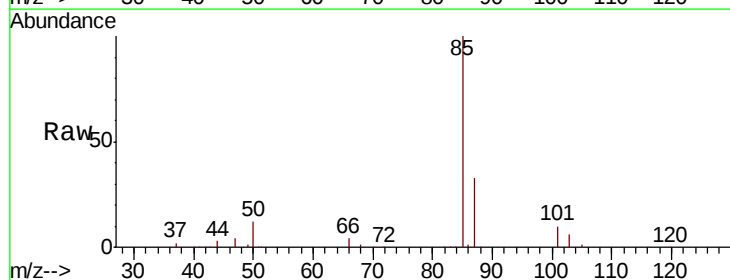
Acq: 06 Mar 2020 16:55

Tgt Ion: 85 Resp: 73283

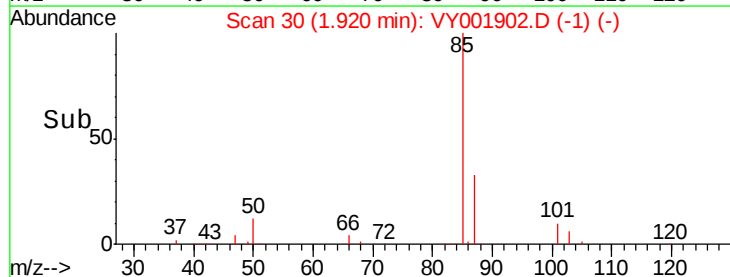
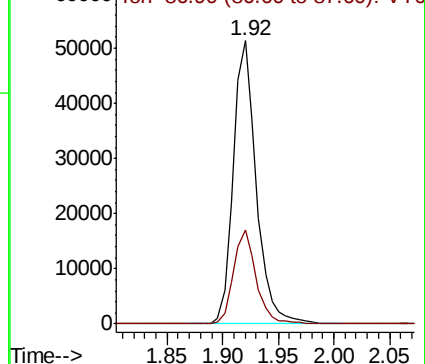
Ion Ratio Lower Upper

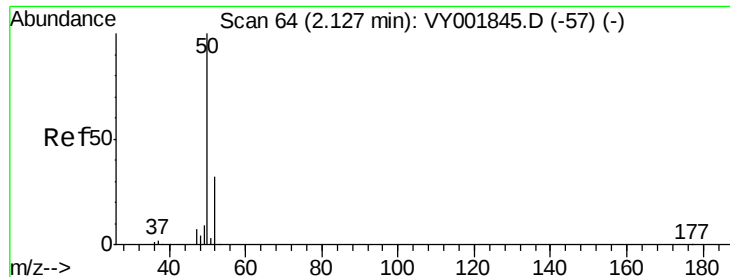
85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 51.190 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

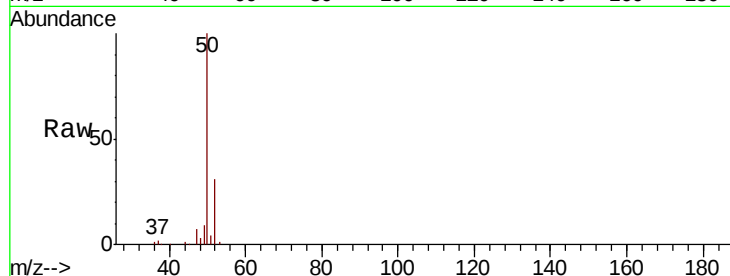
ClientSampleId :

Tot Ion: 50 Resp: 103778

Ion Ratio Lower Upper

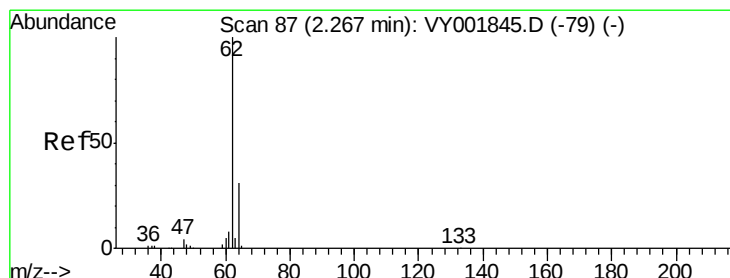
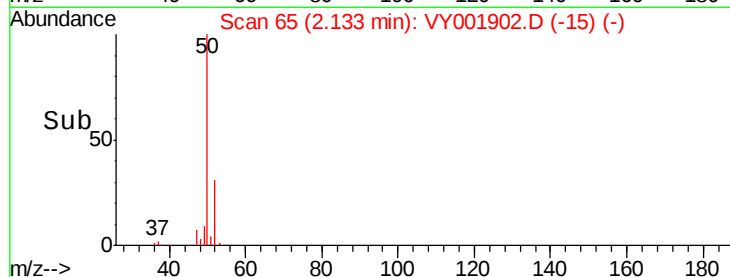
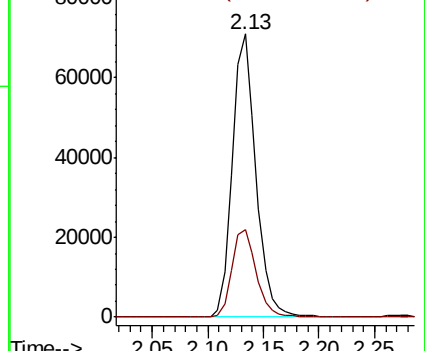
50 100

52 30.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.080 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001902.D

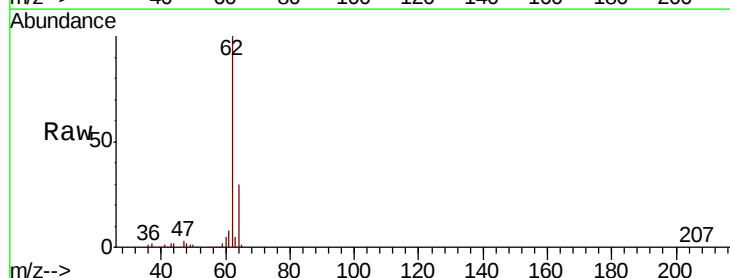
Acq: 06 Mar 2020 16:55

Tgt Ion: 62 Resp: 105333

Ion Ratio Lower Upper

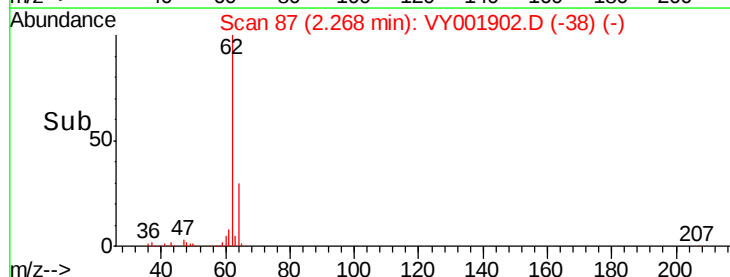
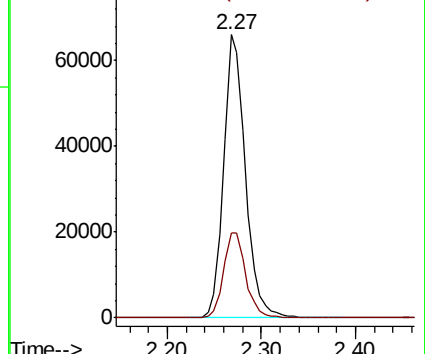
62 100

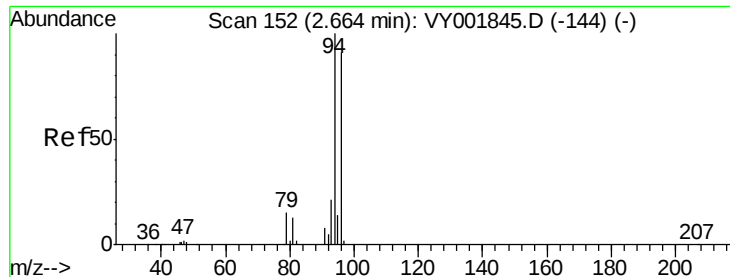
64 30.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 58.427 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

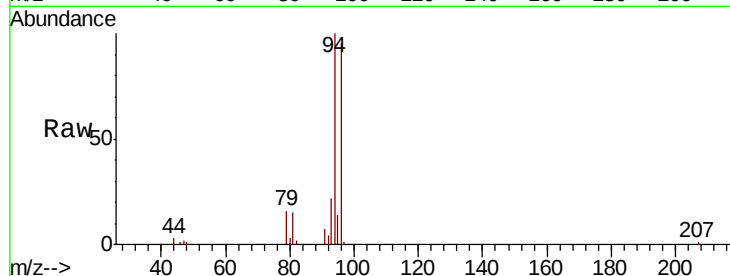
ClientSampleId :

Tot Ion: 94 Resp: 69183

Ion Ratio Lower Upper

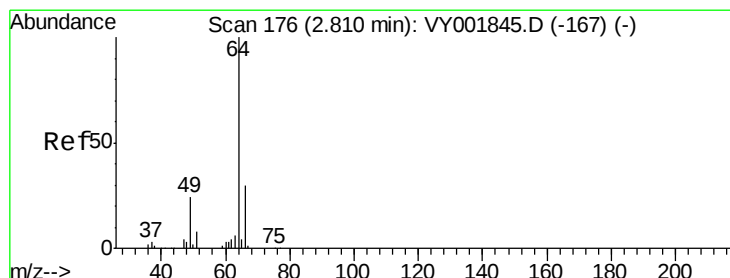
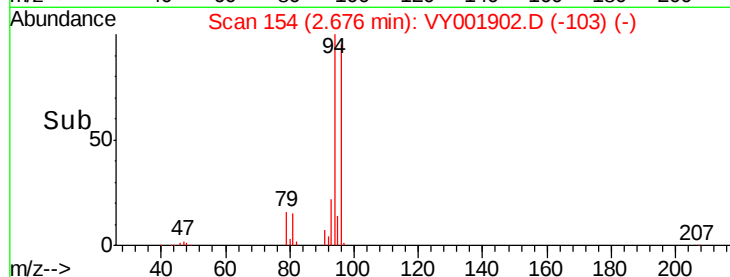
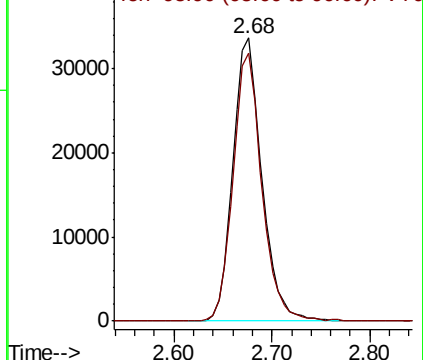
94 100

96 94.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.499 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001902.D

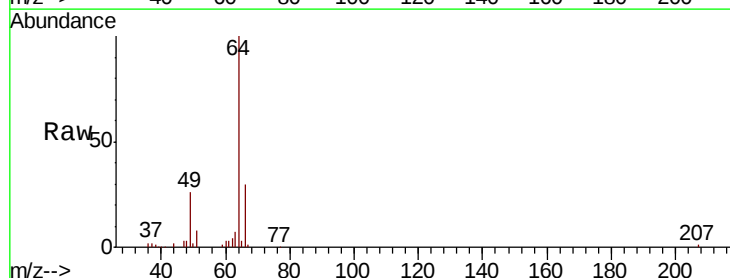
Acq: 06 Mar 2020 16:55

Tgt Ion: 64 Resp: 68006

Ion Ratio Lower Upper

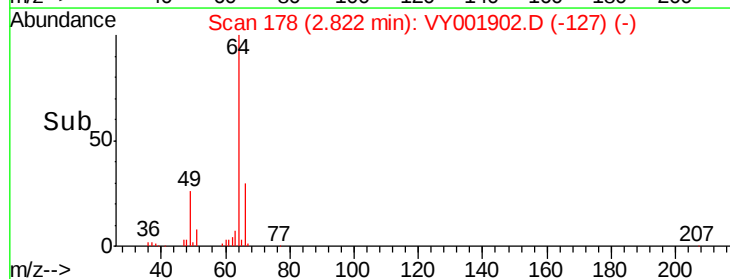
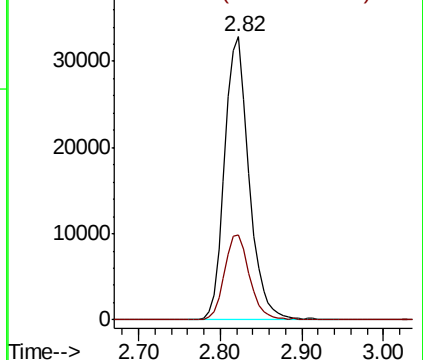
64 100

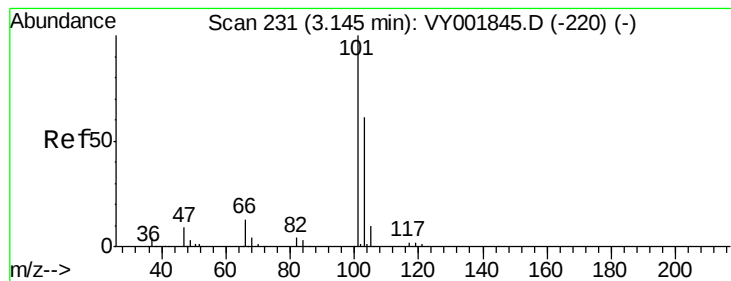
66 29.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



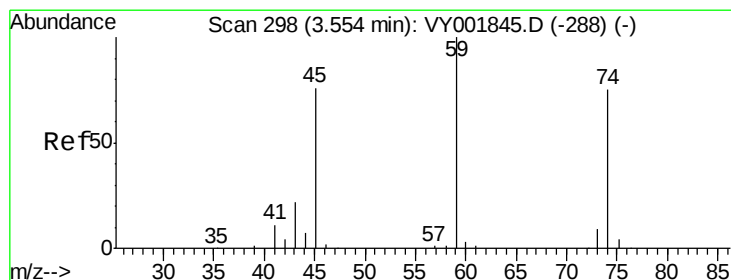
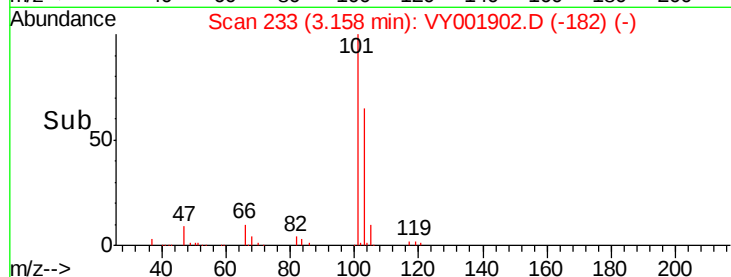
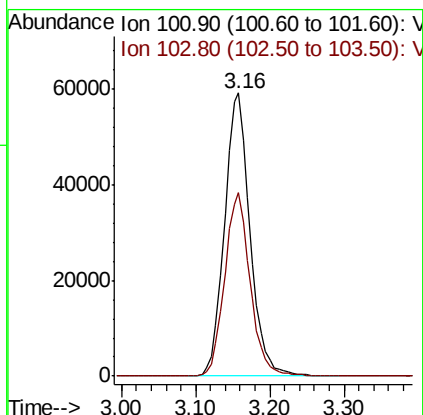
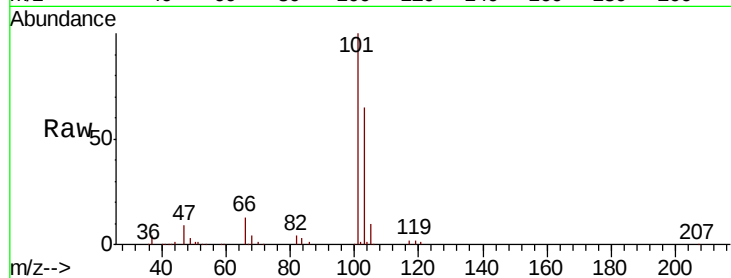


#7

Trichlorofluoromethane
 Concen: 50.403 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY001902.D
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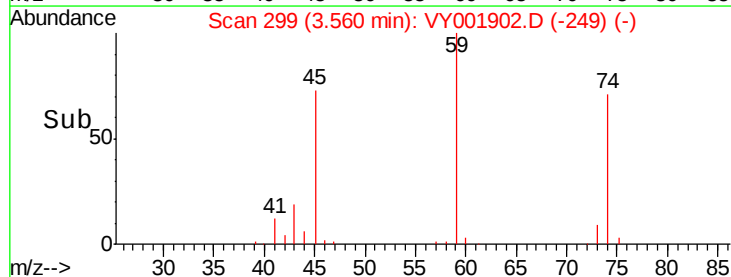
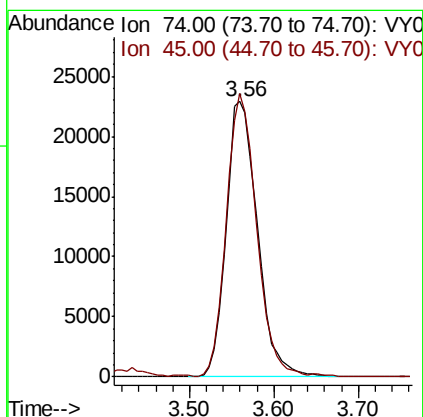
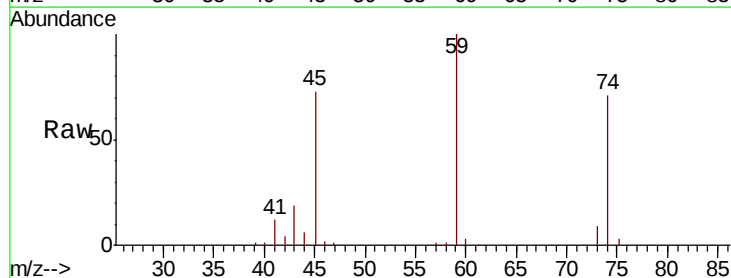
Tot Ion:101 Resp: 140959
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.1 73.7

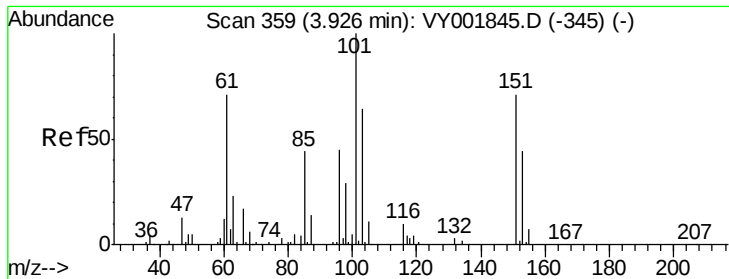


#8

Diethyl Ether
 Concen: 52.450 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion: 74 Resp: 57813
 Ion Ratio Lower Upper
 74 100
 45 99.5 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.998 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

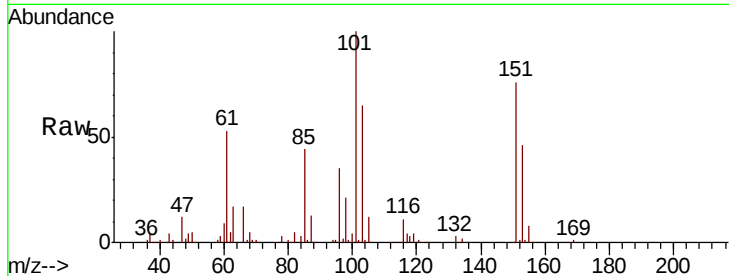
Tot Ion:101 Resp: 93532

Ion Ratio Lower Upper

101 100

85 43.5 35.3 52.9

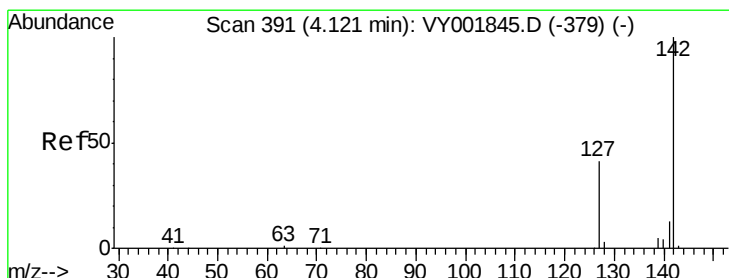
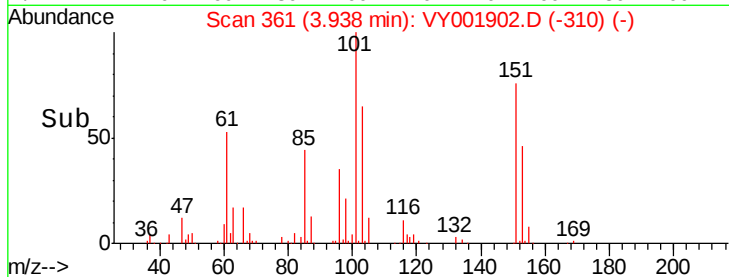
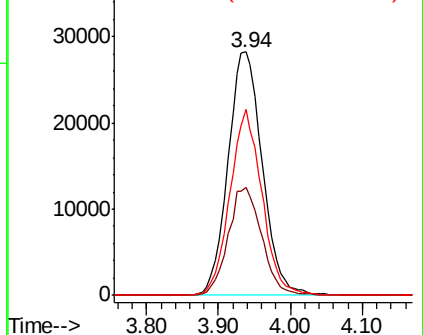
151 71.1 57.0 85.4



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: 54.165 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

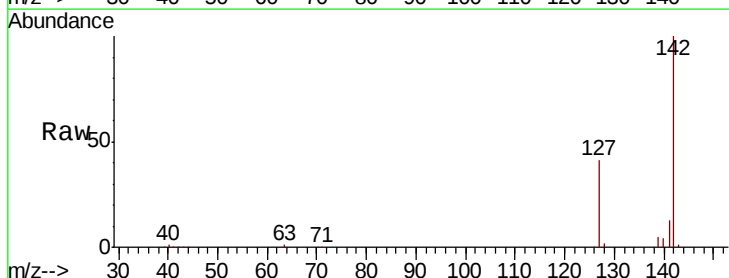
Tgt Ion:142 Resp: 112673

Ion Ratio Lower Upper

142 100

127 40.3 32.7 49.1

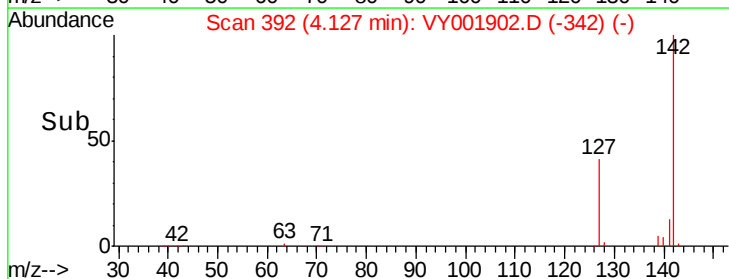
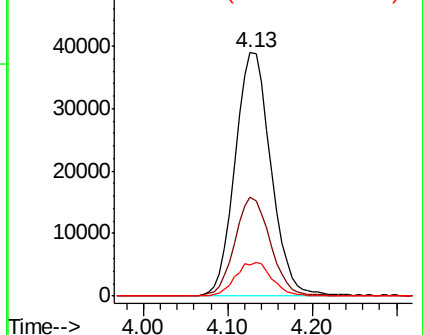
141 14.2 11.0 16.6

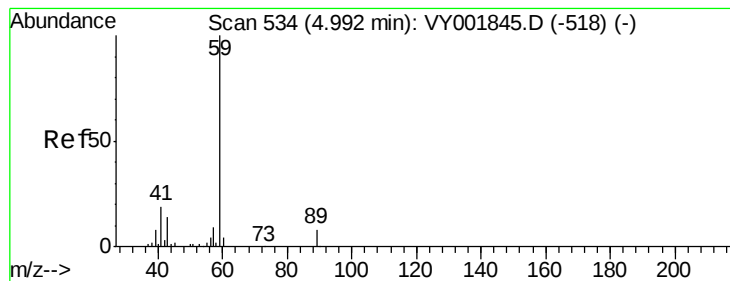


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



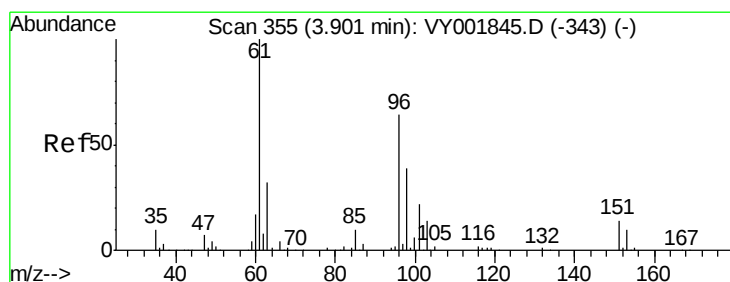
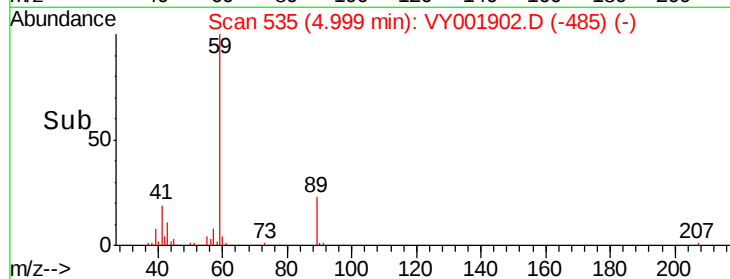
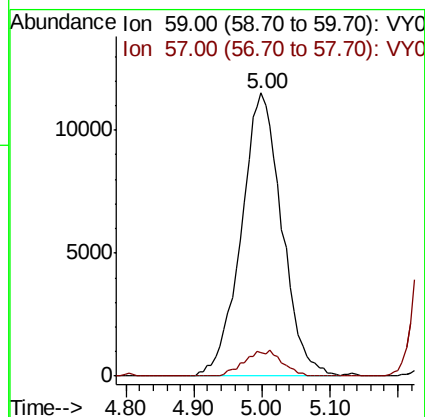
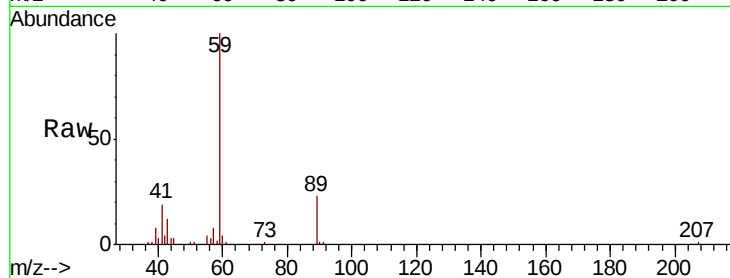


#11

Tert butyl alcohol
 Concen: 265.555 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampled :

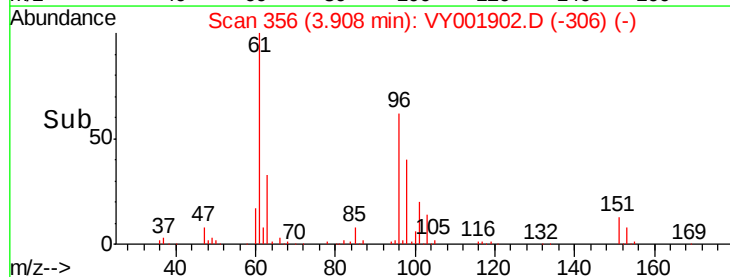
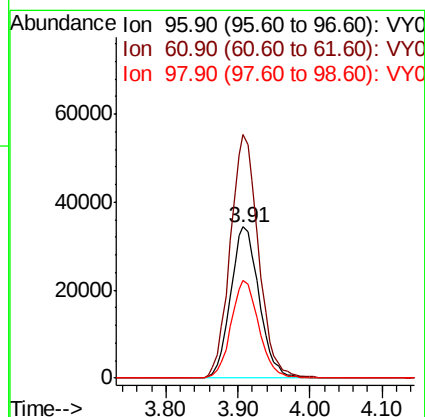
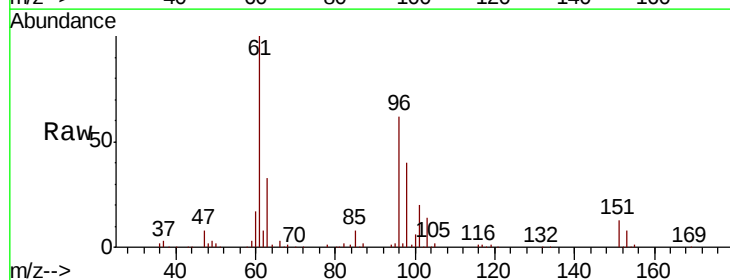
Tot Ion: 59 Resp: 47805
 Ion Ratio Lower Upper
 59 100
 57 8.4 7.4 11.2

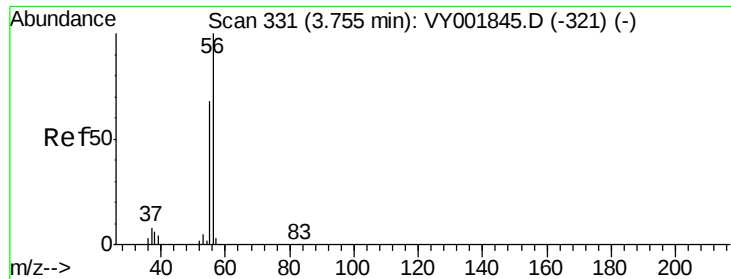


#12

1,1-Dichloroethene
 Concen: 52.414 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion: 96 Resp: 94931
 Ion Ratio Lower Upper
 96 100
 61 161.3 124.8 187.2
 98 64.9 49.2 73.8





#13

Acrolein

Concen: 226.965 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

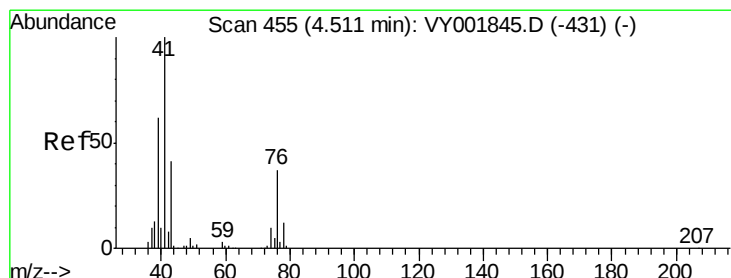
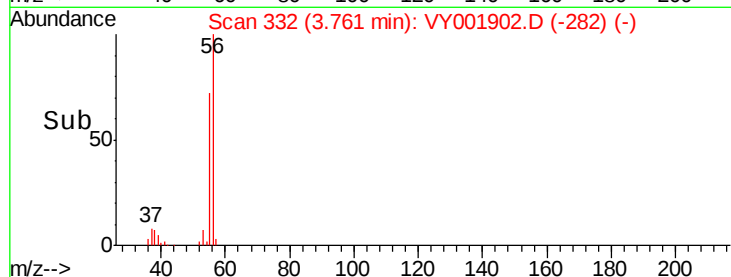
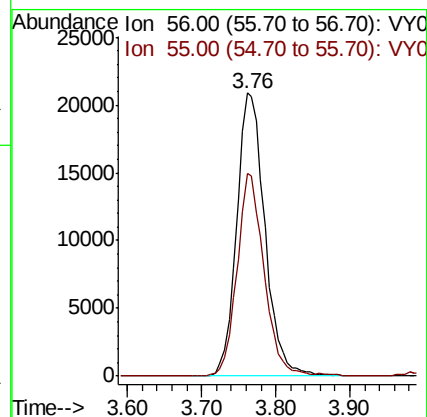
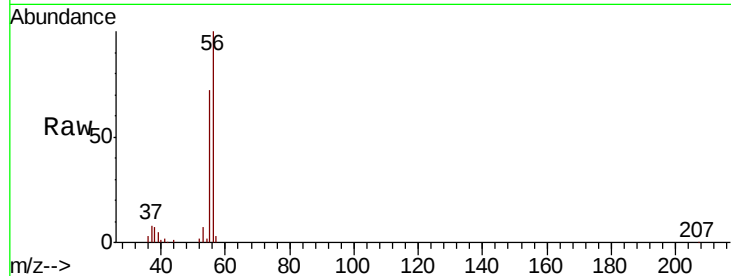
ClientSampleId :

Tot Ion: 56 Resp: 55466

Ion Ratio Lower Upper

56 100

55 69.0 54.0 81.0



#14

Allyl chloride

Concen: 52.926 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

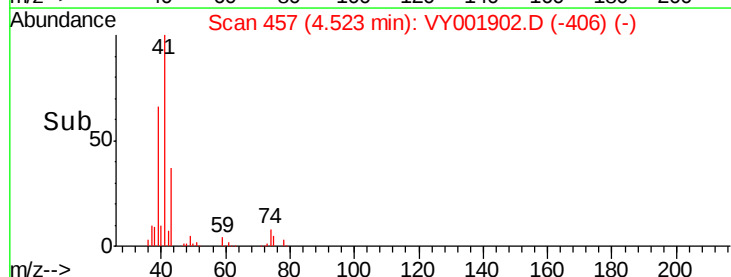
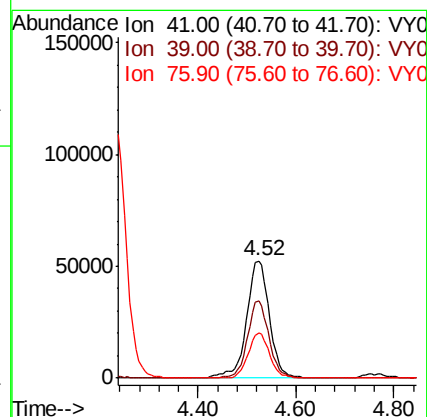
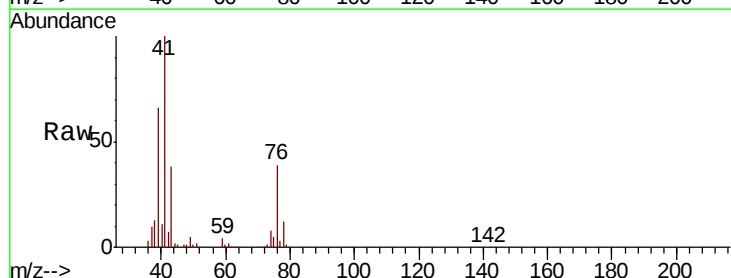
Tgt Ion: 41 Resp: 169937

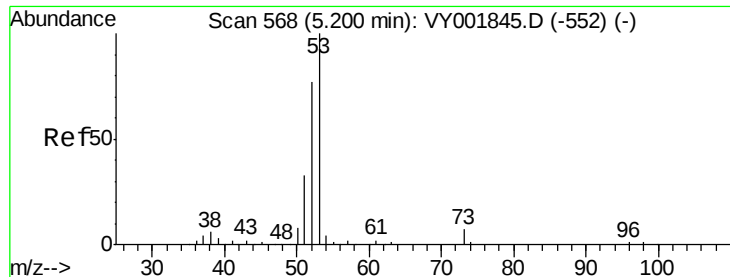
Ion Ratio Lower Upper

41 100

39 61.9 49.0 73.6

76 36.1 28.9 43.3





#15

Acrylonitrile

Concen: 254.234 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

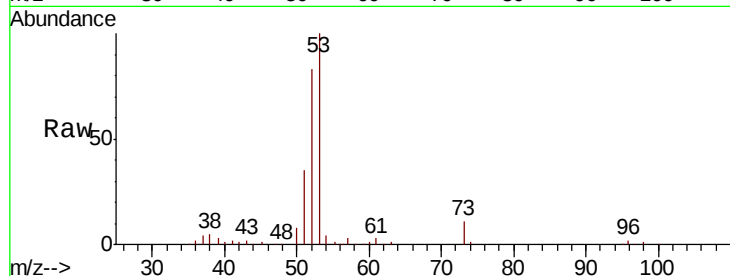
Tot Ion: 53 Resp: 149744

Ion Ratio Lower Upper

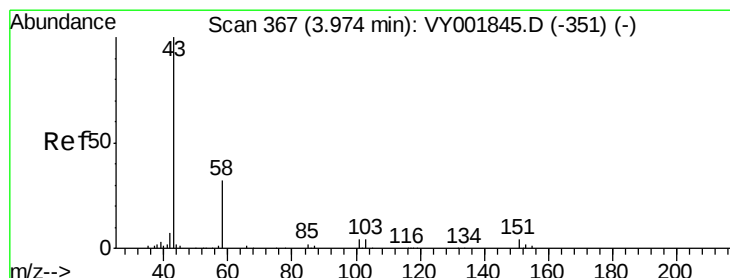
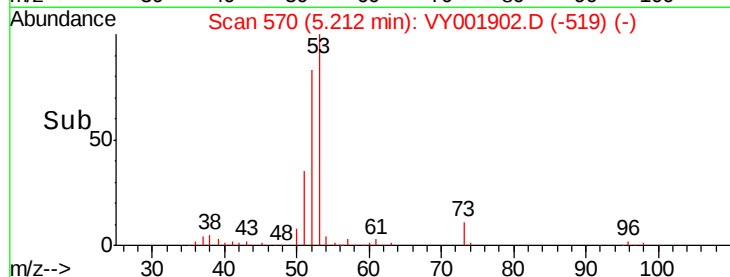
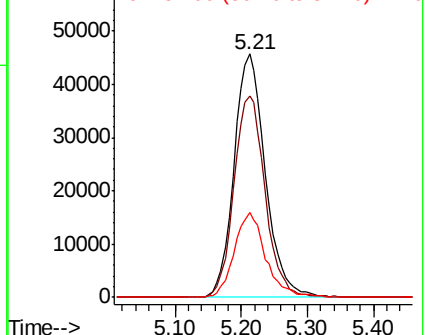
53 100

52 82.5 65.1 97.7

51 35.0 27.5 41.3



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: 269.494 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001902.D

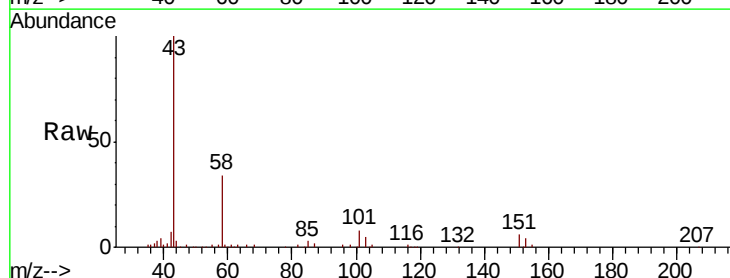
Acq: 06 Mar 2020 16:55

Tgt Ion: 43 Resp: 136505

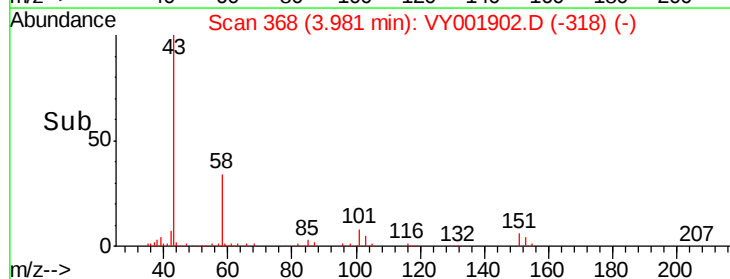
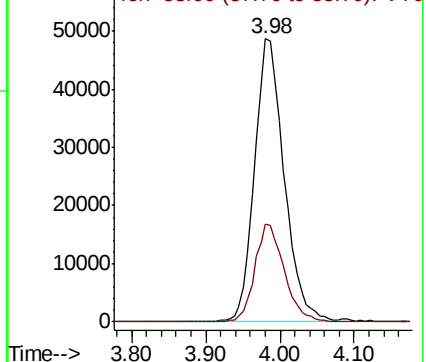
Ion Ratio Lower Upper

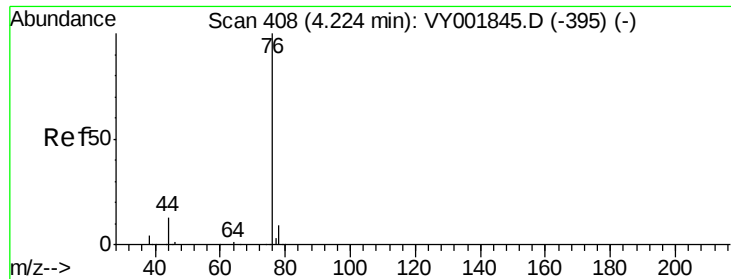
43 100

58 34.3 25.9 38.9



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

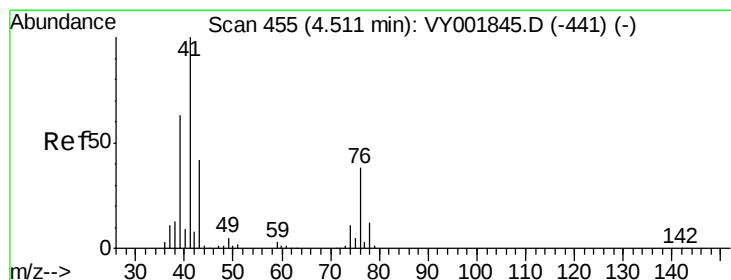
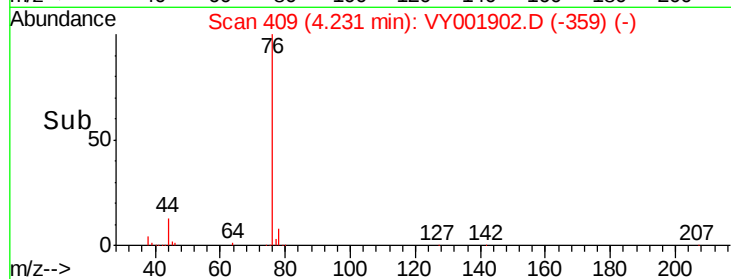
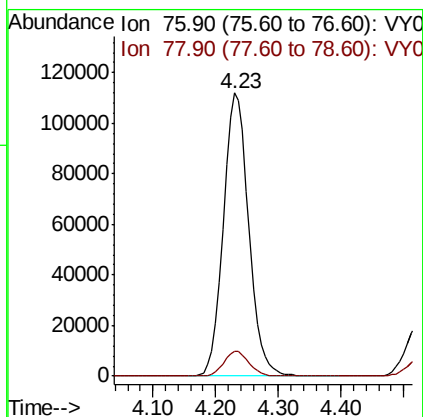
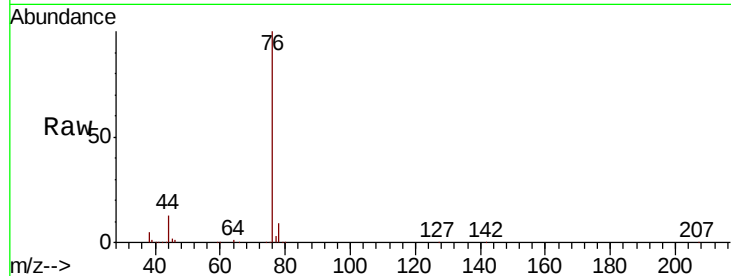




#17
Carbon Disulfide
Concen: 51.298 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

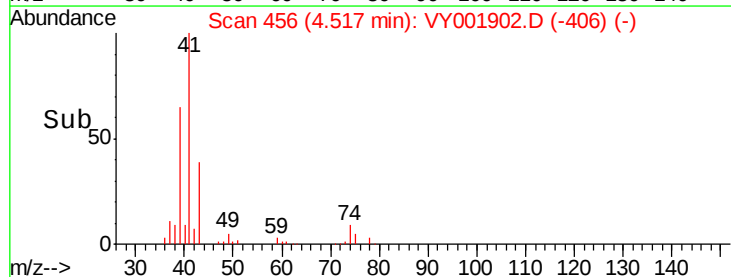
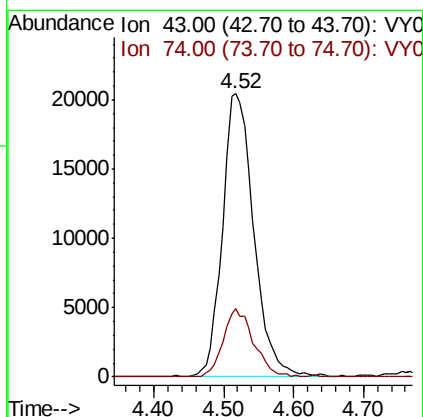
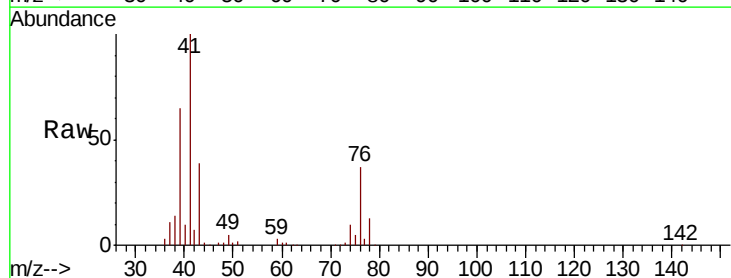
Instrument :
MSVOA_Y
ClientSampled :

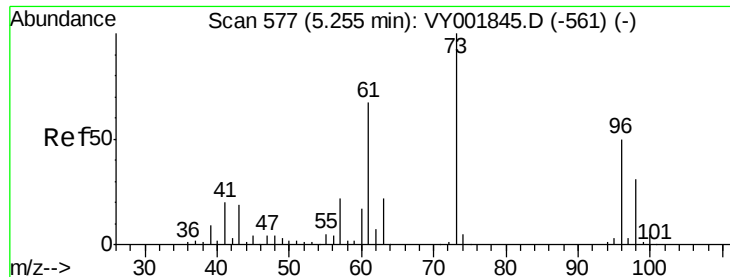
Tot Ion: 76 Resp: 312328
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 48.844 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 43 Resp: 63569
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.6

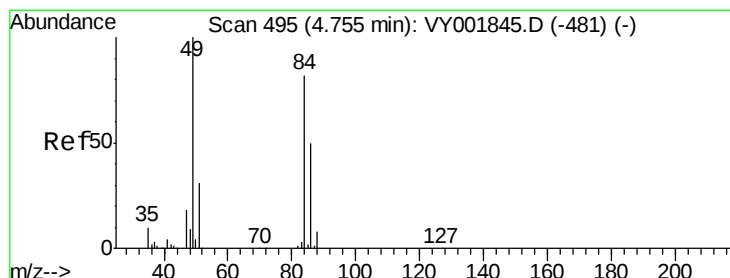
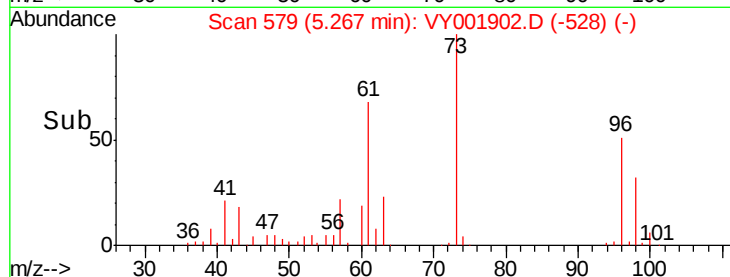
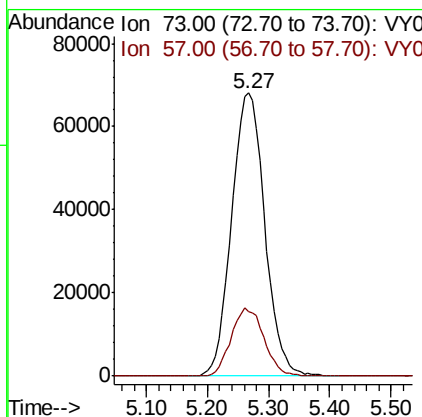
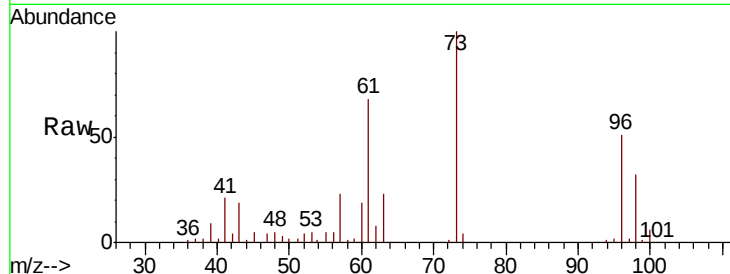




#19
Methvl tert-butvl Ether
Concen: 52.024 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

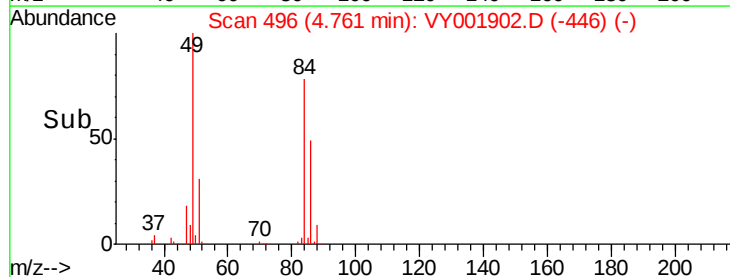
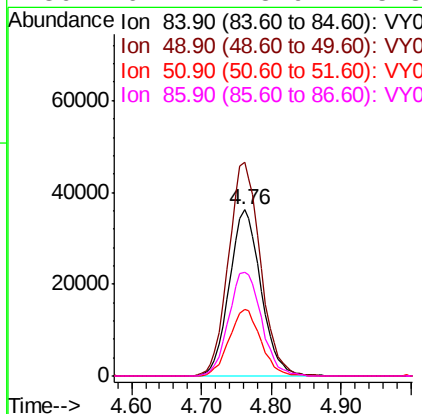
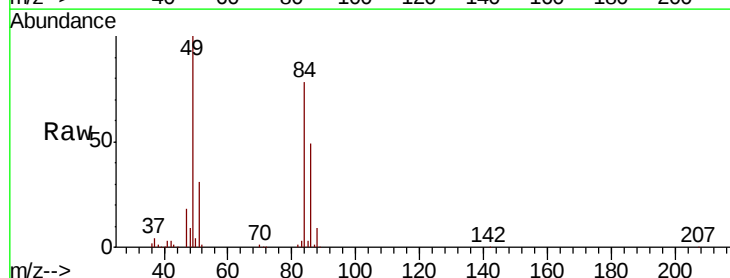
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 255342
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 52.437 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 84 Resp: 113834
Ion Ratio Lower Upper
84 100
49 128.4 98.2 147.2
51 40.0 30.2 45.2
86 62.7 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 52.404 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

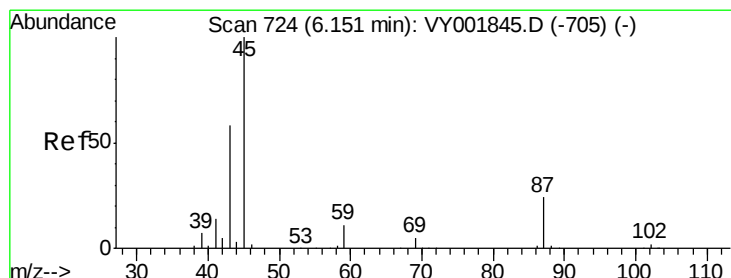
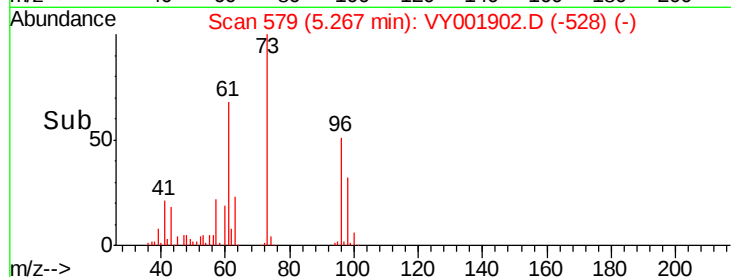
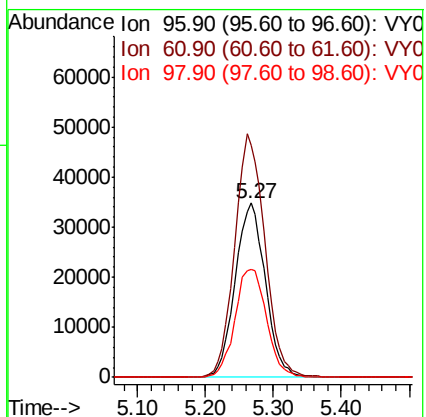
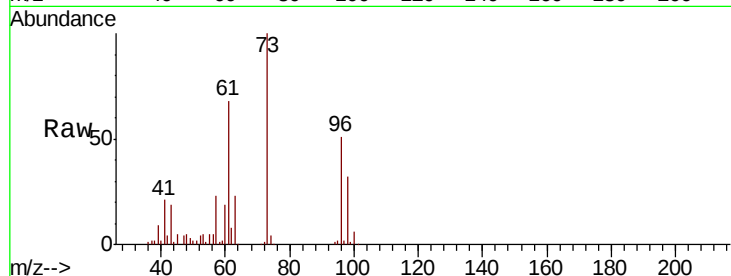
Tot Ion: 96 Resp: 107729

Ion Ratio Lower Upper

96 100

61 133.2 107.7 161.5

98 62.1 49.3 73.9



#22

Diisopropyl ether

Concen: 53.002 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Tgt Ion: 45 Resp: 348840

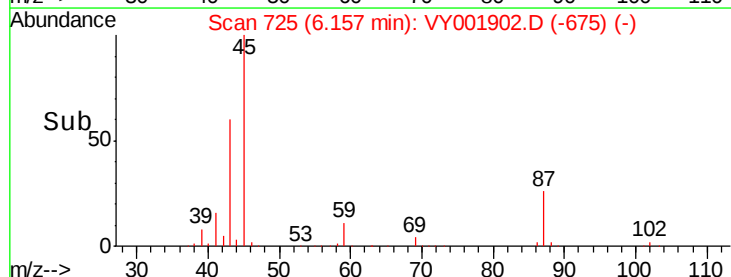
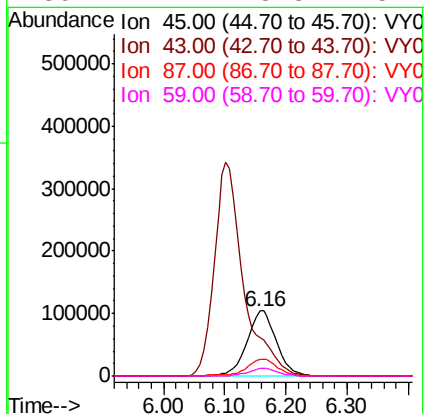
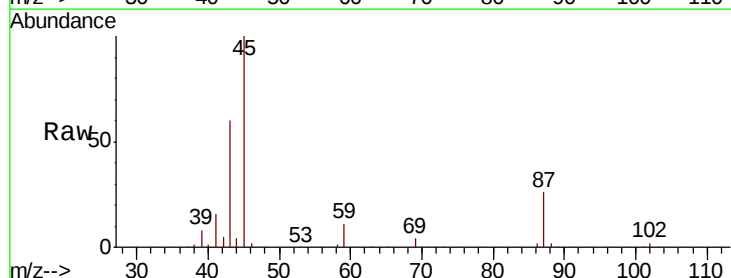
Ion Ratio Lower Upper

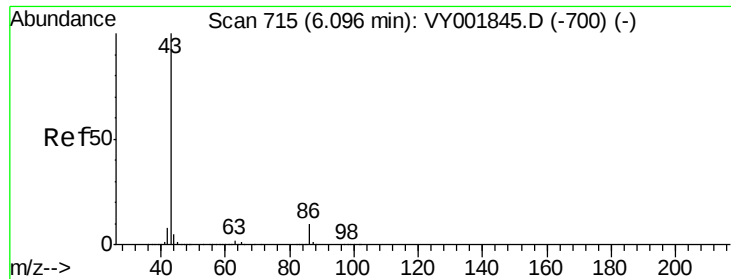
45 100

43 59.8 47.2 70.8

87 26.3 19.8 29.8

59 11.4 8.8 13.2





#23

Vinyl Acetate

Concen: 264.318 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

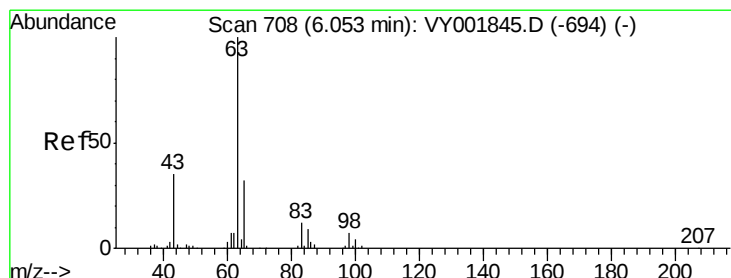
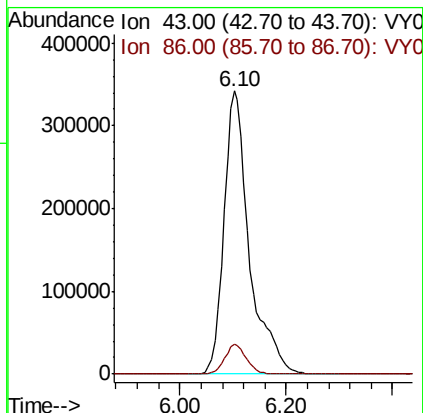
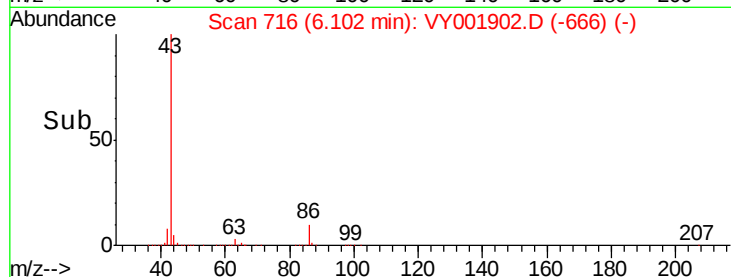
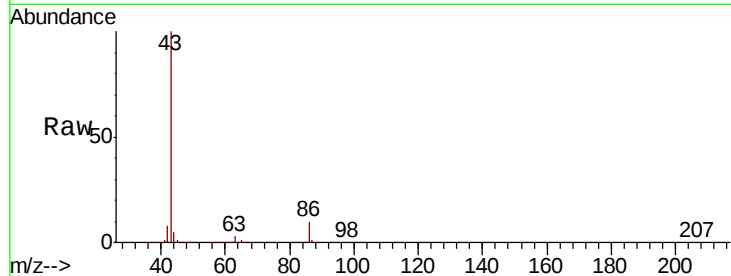
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1140463

Ion Ratio Lower Upper

43 100

86 10.5 7.8 11.8



#24

1,1-Dichloroethane

Concen: 52.826 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

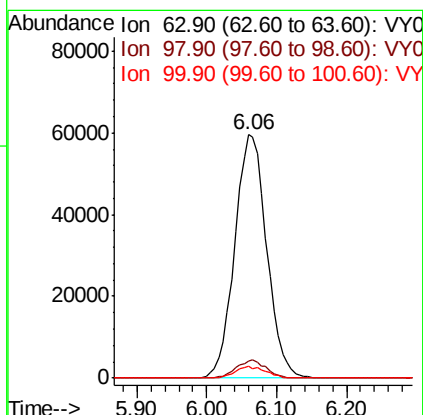
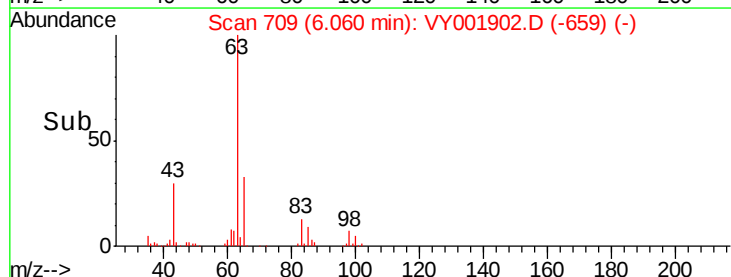
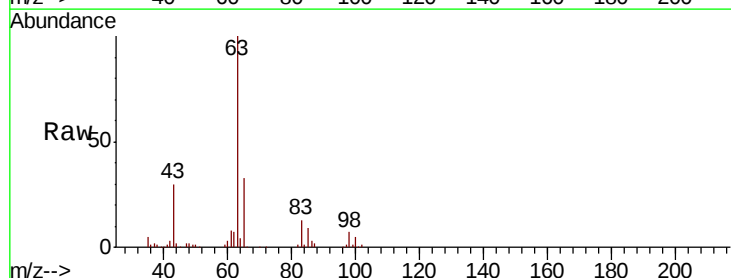
Tgt Ion: 63 Resp: 188280

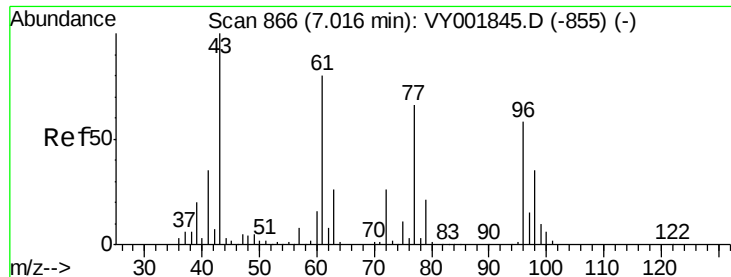
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

100 4.7 2.0 6.0

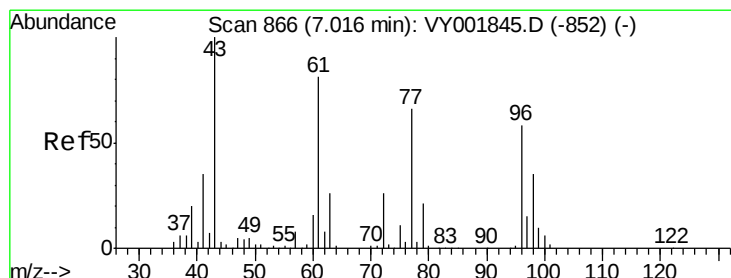
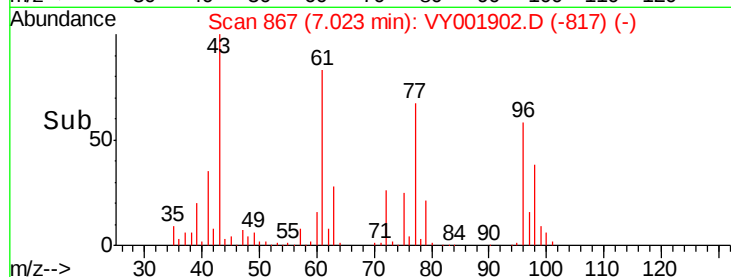
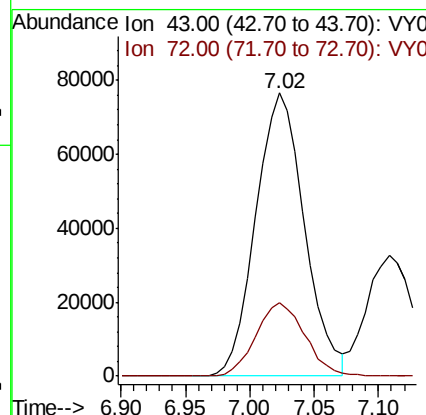
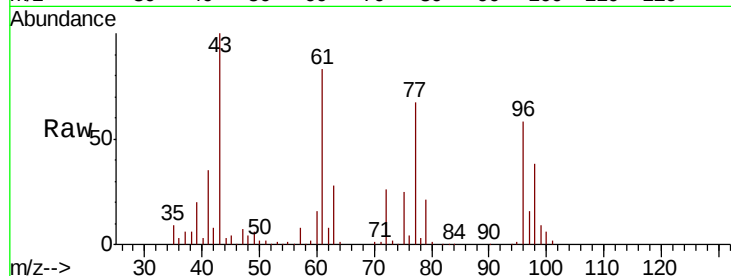




#25
2-Butanone
Concen: 260.438 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

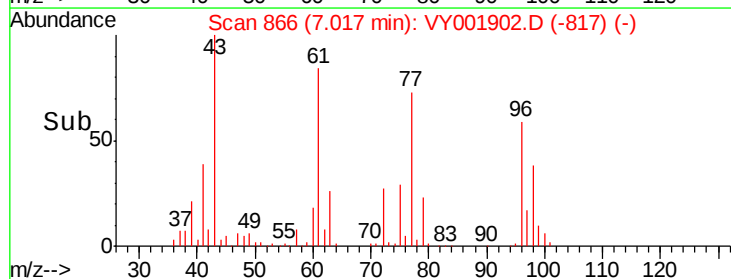
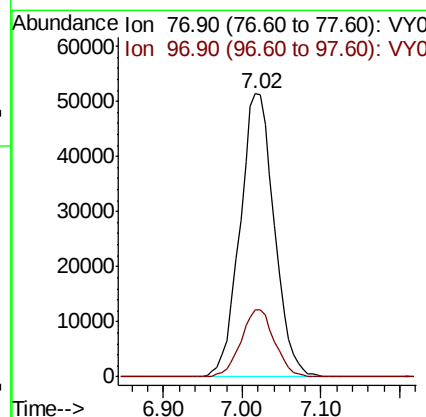
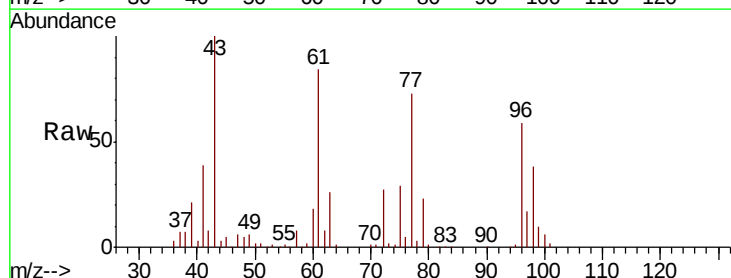
Instrument :
MSVOA_Y
ClientSampled :

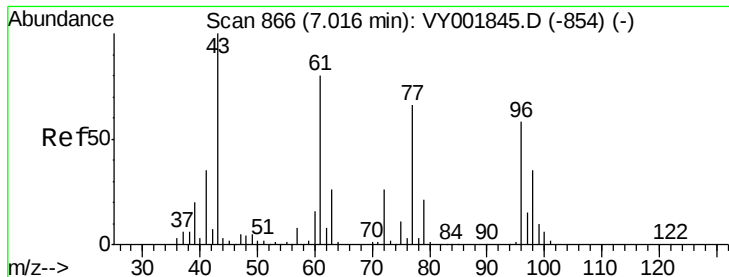
Tot Ion: 43 Resp: 200611
Ion Ratio Lower Upper
43 100
72 25.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 53.031 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 77 Resp: 155134
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7



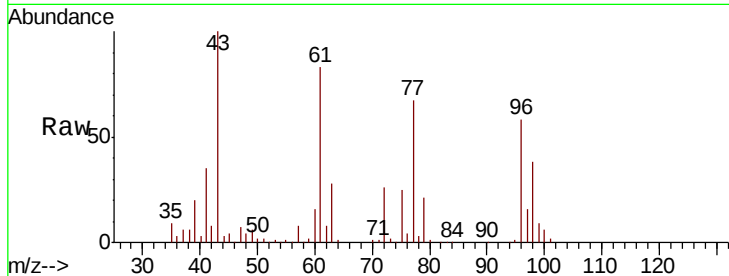


#27

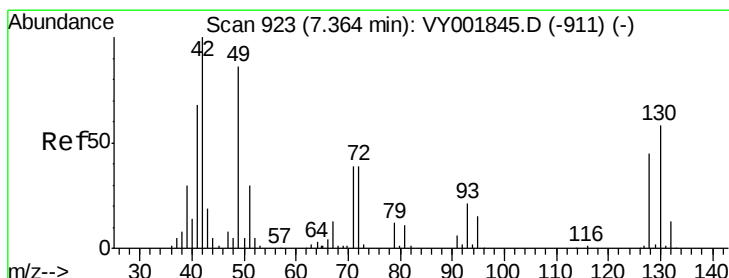
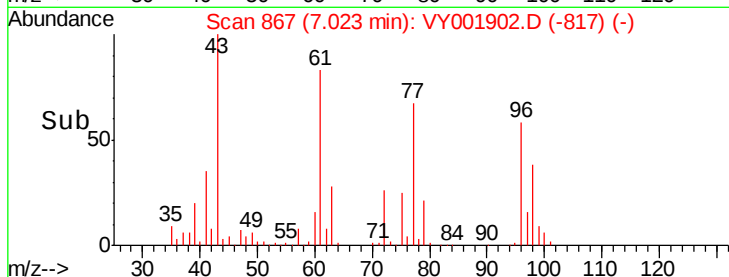
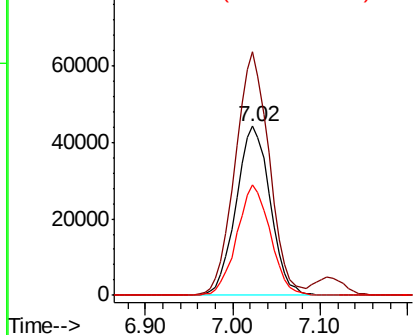
cis-1,2-Dichloroethene
Concen: 53.433 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 119484
Ion Ratio Lower Upper
96 100
61 144.2 0.0 288.2
98 64.2 0.0 129.0



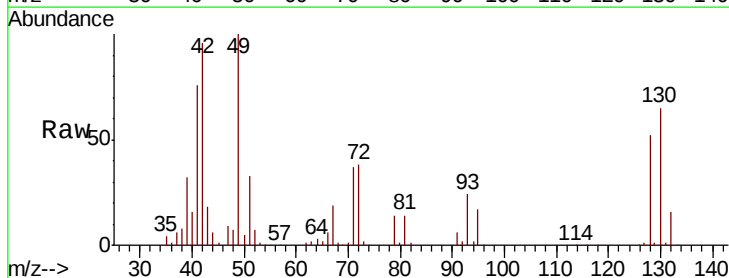
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



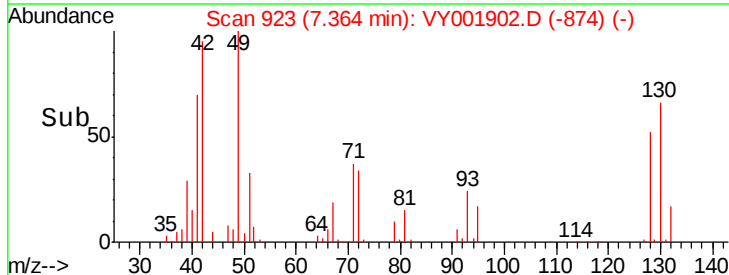
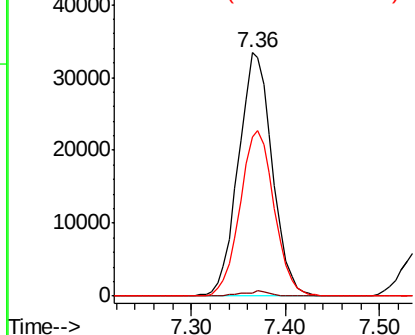
#28

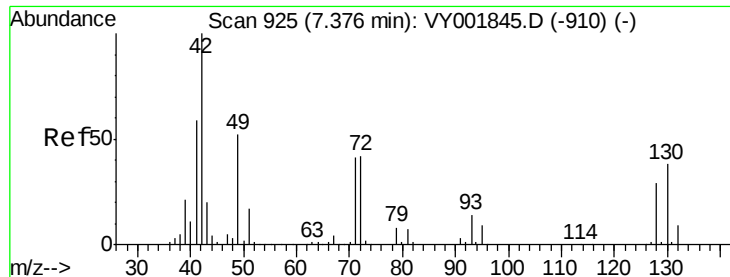
Bromochloromethane
Concen: 52.252 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 49 Resp: 83944
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 68.7 54.4 81.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

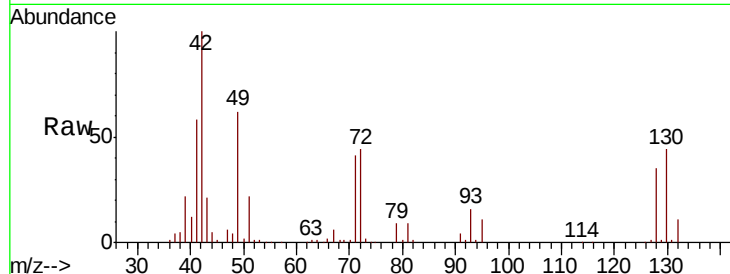




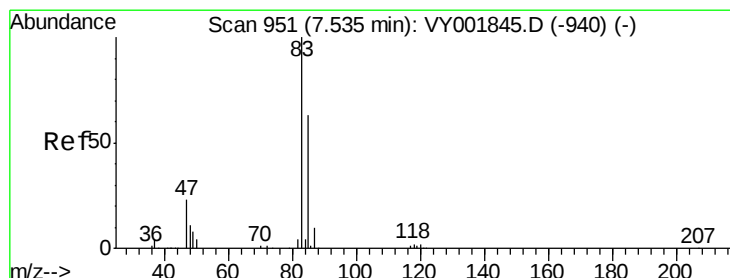
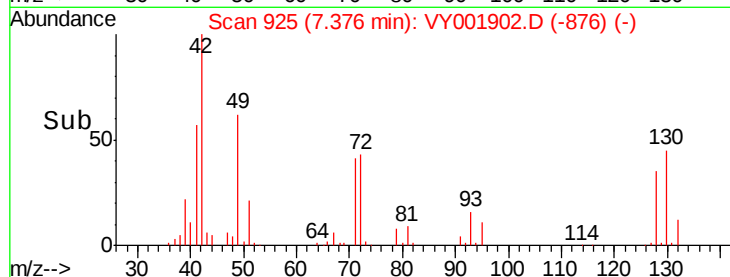
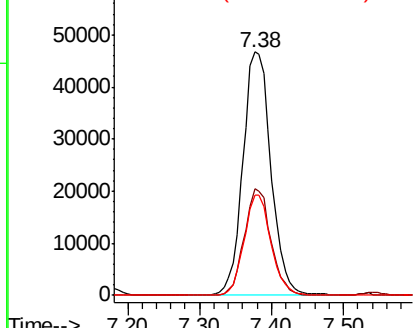
#29
Tetrahydrofuran
Concen: 246.895 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 126291
Ion Ratio Lower Upper
42 100
72 41.4 33.5 50.3
71 39.4 31.3 46.9

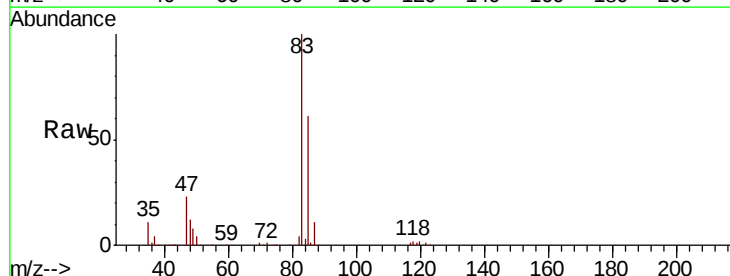


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

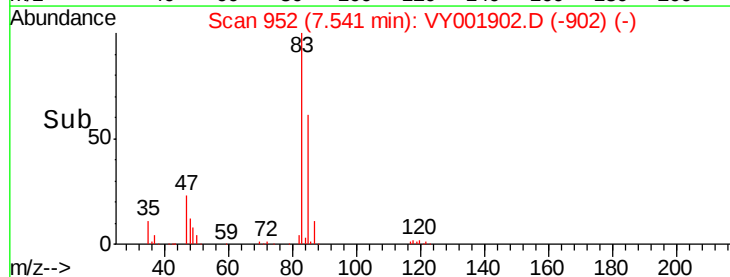
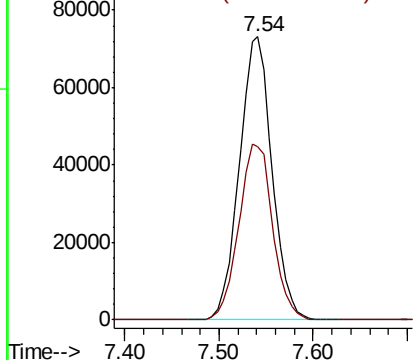


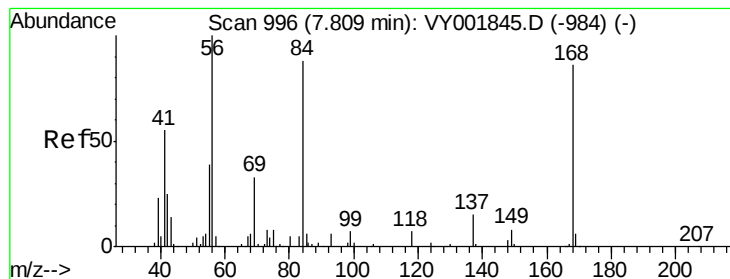
#30
Chloroform
Concen: 52.953 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 83 Resp: 177321
Ion Ratio Lower Upper
83 100
85 61.2 50.7 76.1



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





#31

Cyclohexane

Concen: 50.776 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampled :

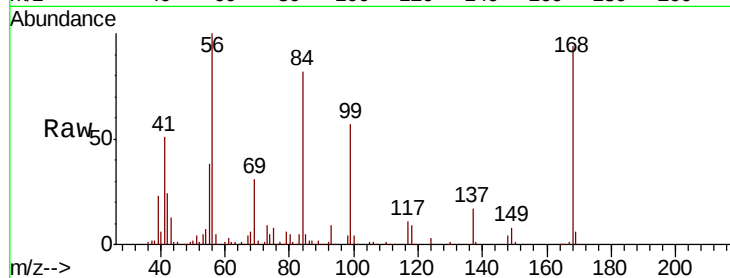
Tot Ion: 56 Resp: 194043

Ion Ratio Lower Upper

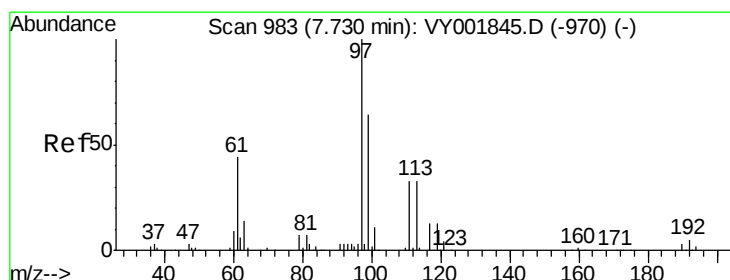
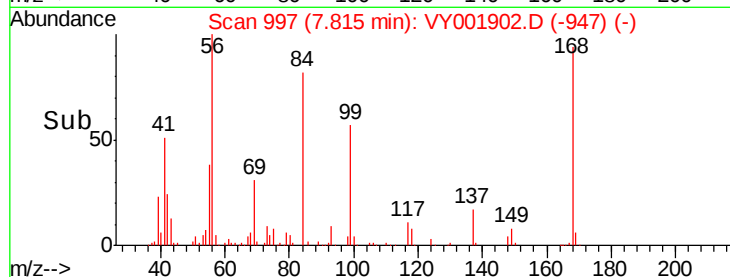
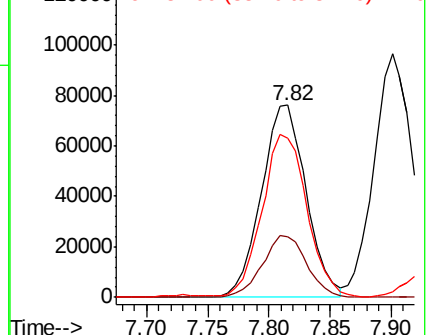
56 100

69 31.3 26.7 40.1

84 81.4 70.4 105.6



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: 52.894 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

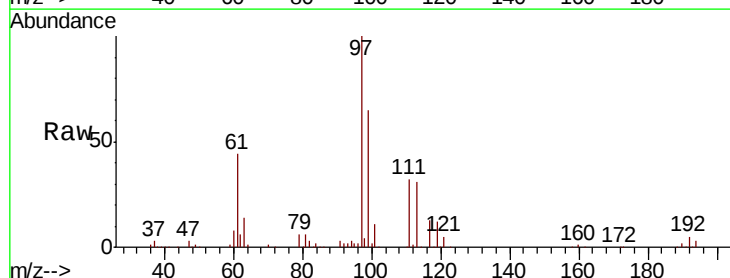
Tgt Ion: 97 Resp: 149286

Ion Ratio Lower Upper

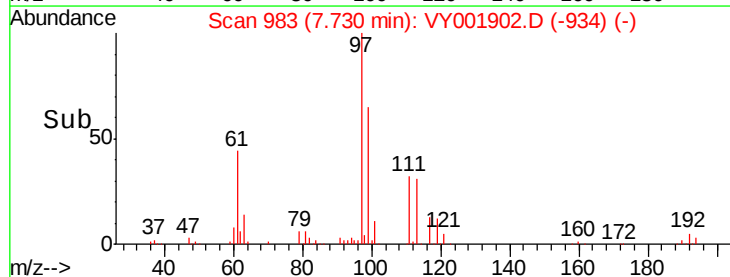
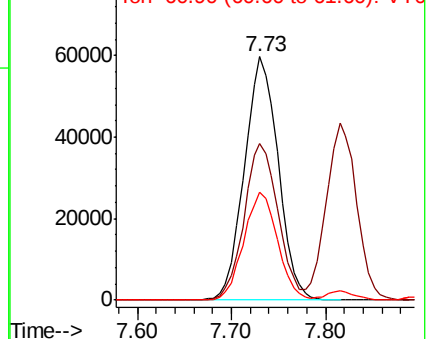
97 100

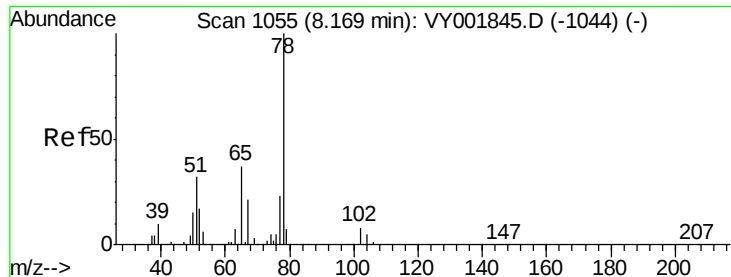
99 65.0 52.0 78.0

61 44.5 35.0 52.4



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: 51.838 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

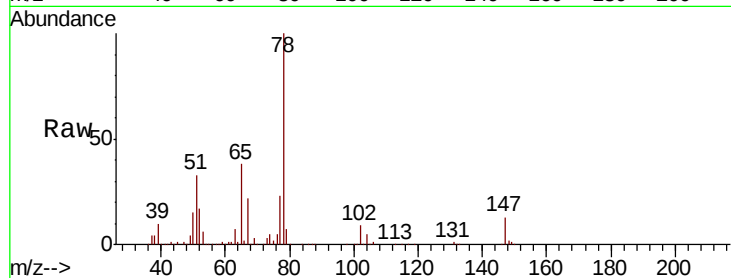
ClientSampleId :

Tot Ion: 65 Resp: 90150

Ion Ratio Lower Upper

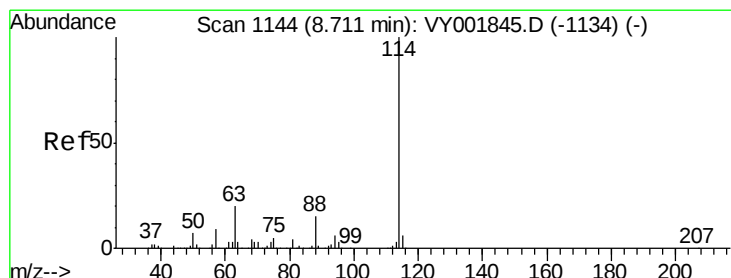
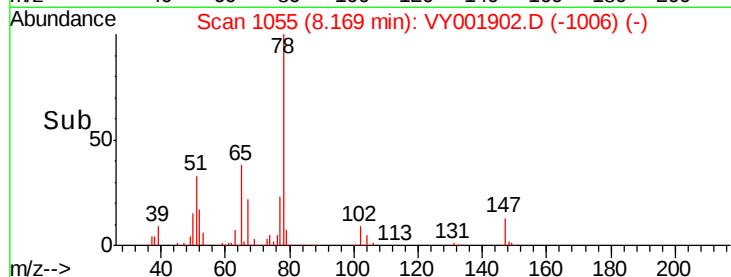
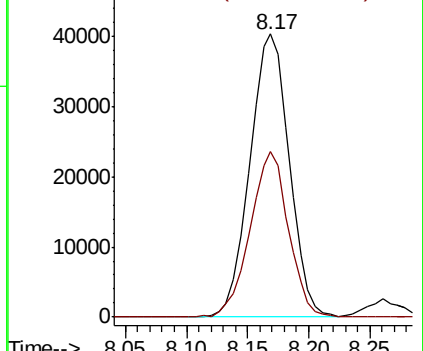
65 100

67 57.1 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001902.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001902.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

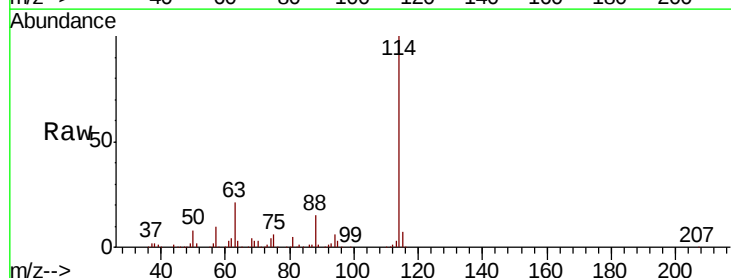
Tgt Ion: 114 Resp: 300630

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.4

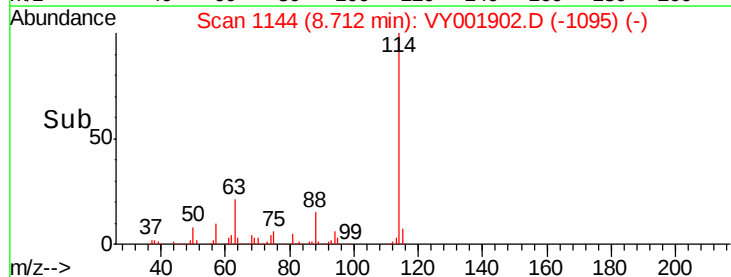
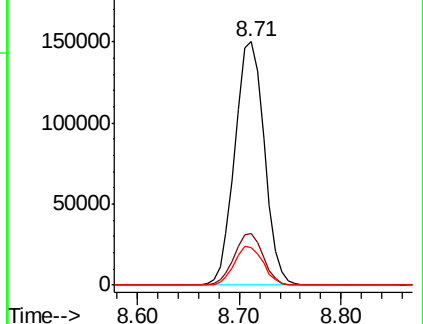
88 15.4 0.0 30.4

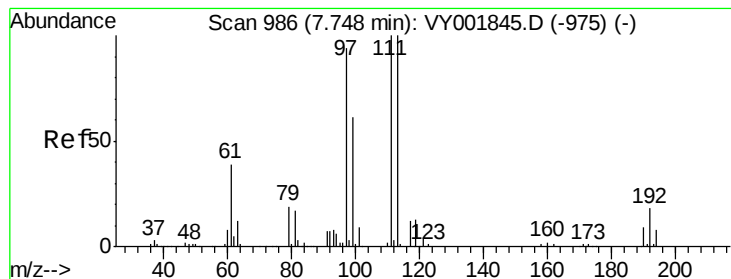


Abundance Ion 113.90 (113.60 to 114.60): VY001902.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001902.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001902.D (-1095) (-)





#35

Dibromofluoromethane

Concen: 51.440 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

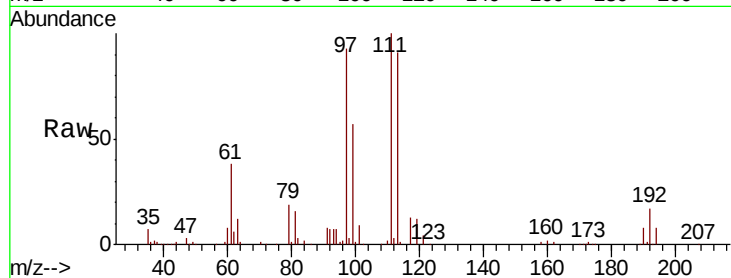
Tot Ion:113 Resp: 84442

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

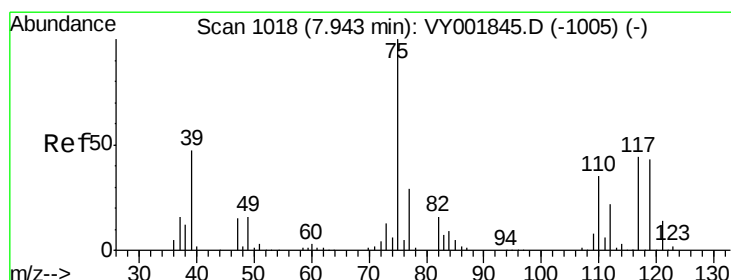
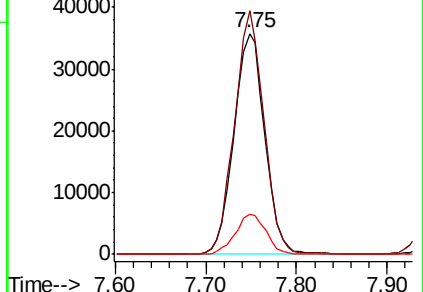
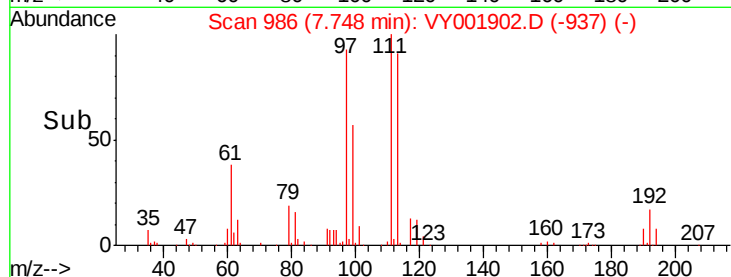
192 18.3 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.828 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

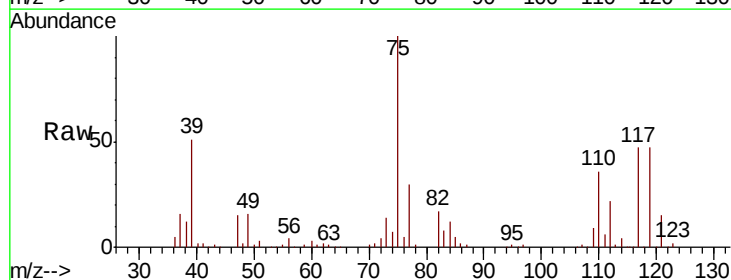
Tgt Ion: 75 Resp: 149938

Ion Ratio Lower Upper

75 100

110 34.0 17.4 52.2

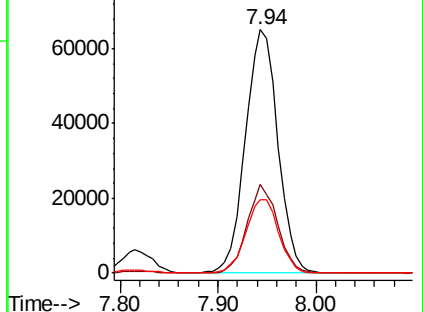
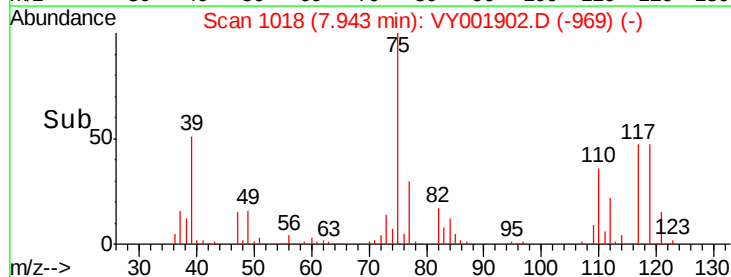
77 30.7 24.2 36.2

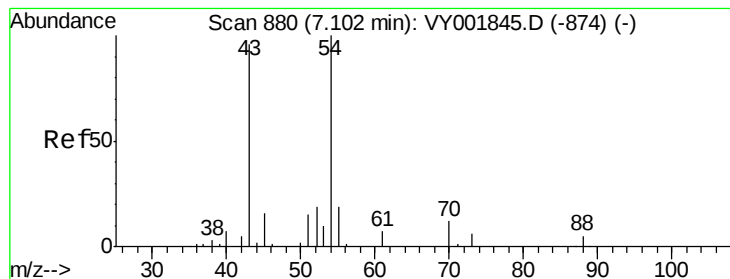


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 50.608 ug/l

RT: 7.11 min Scan# 881

Delta R.T. 0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampled :

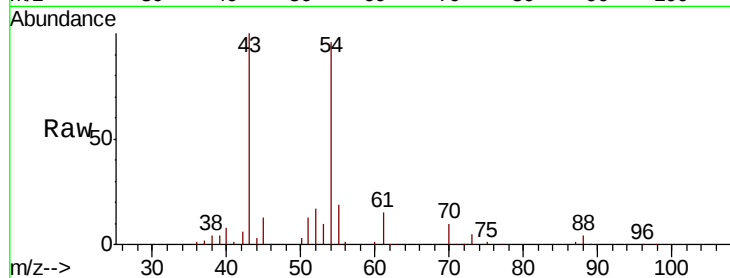
Tot Ion: 43 Resp: 85093

Ion Ratio Lower Upper

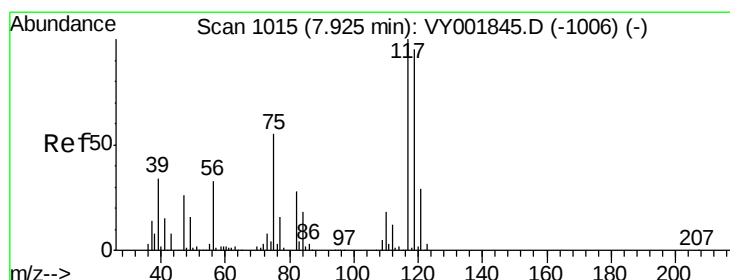
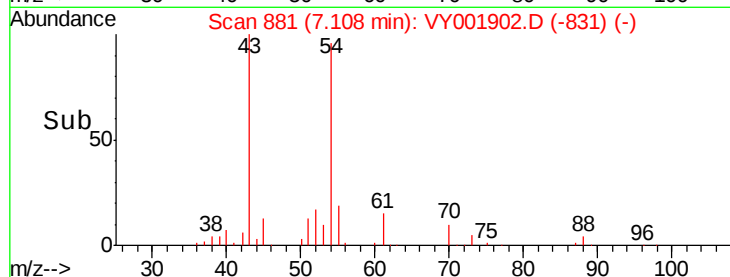
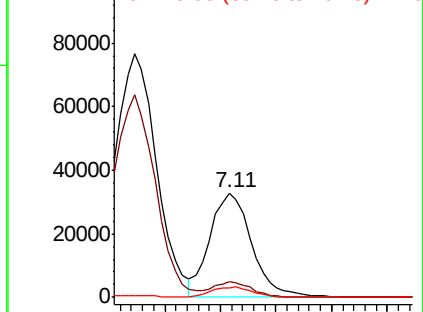
43 100

61 13.4 11.1 16.7

70 10.1 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0



#38

Carbon Tetrachloride

Concen: 51.931 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

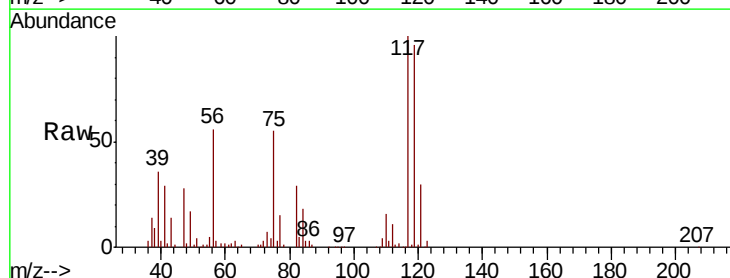
Tgt Ion: 117 Resp: 128340

Ion Ratio Lower Upper

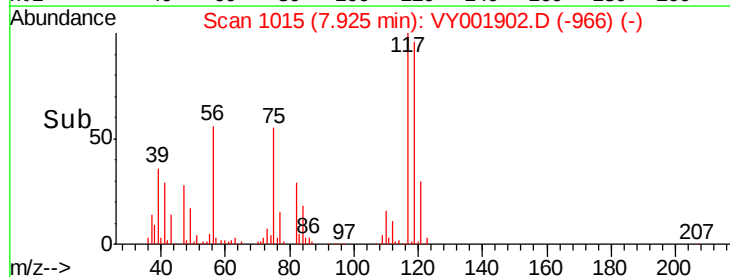
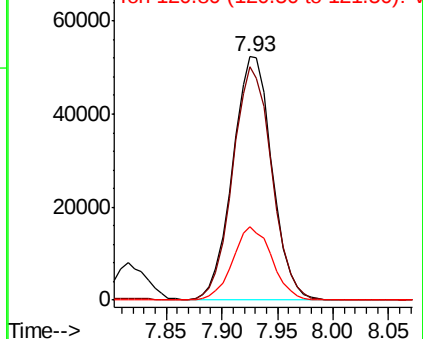
117 100

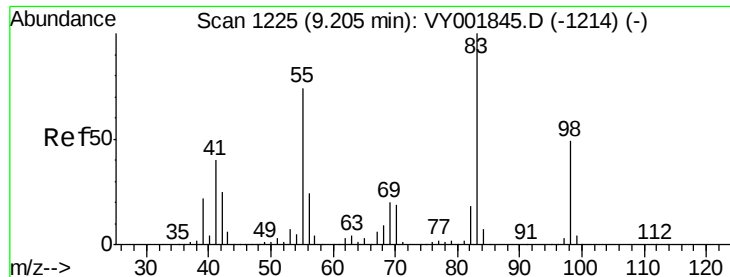
119 96.0 76.3 114.5

121 30.3 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

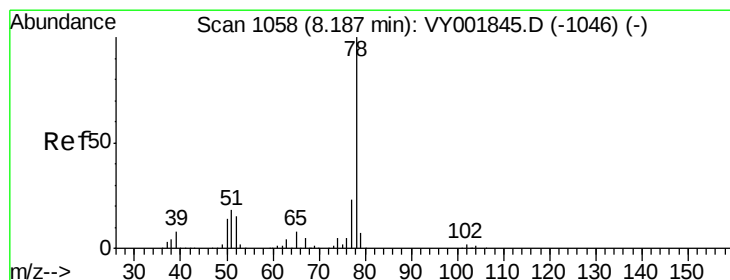
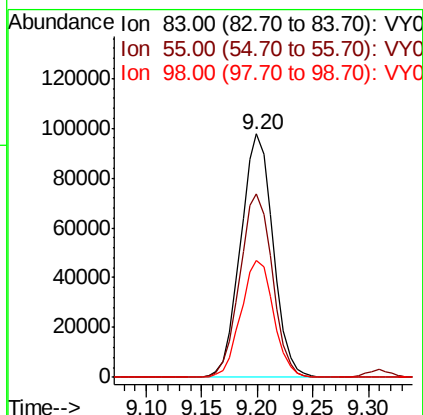
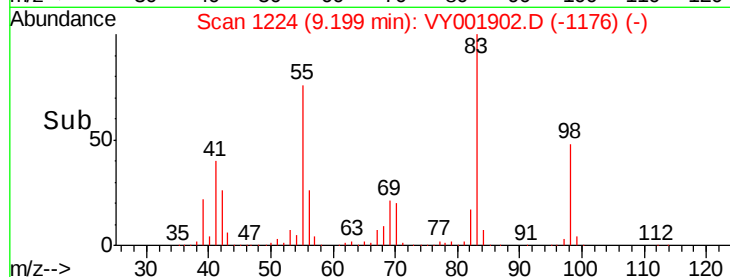
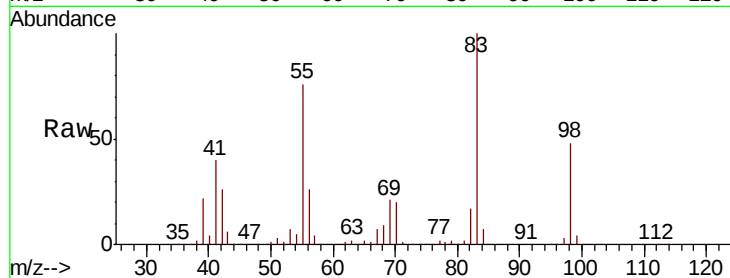




#39
Methylvlcyclohexane
Concen: 51.467 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

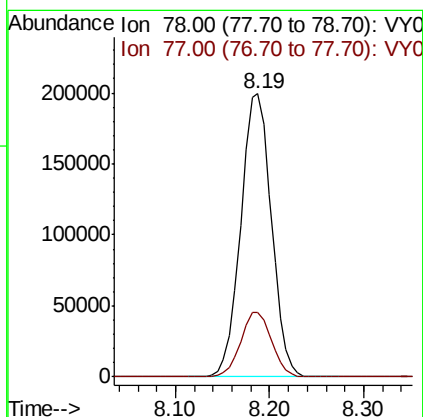
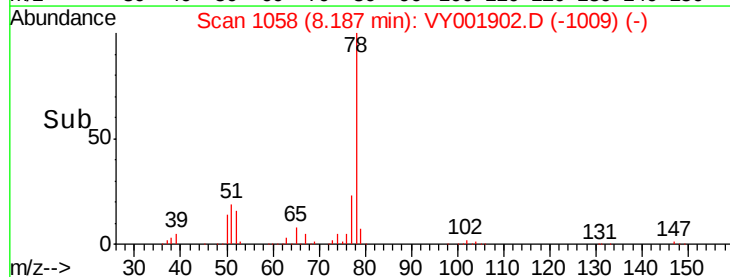
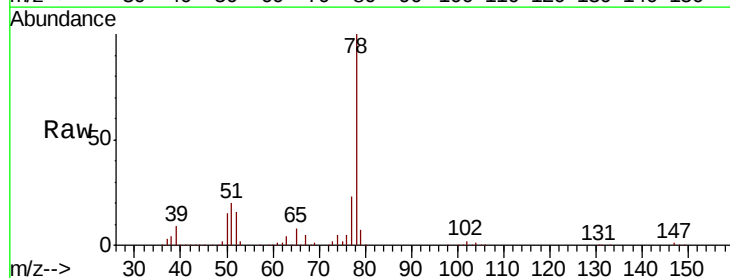
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 197480
Ion Ratio Lower Upper
83 100
55 75.6 59.4 89.0
98 48.2 38.9 58.3



#40
Benzene
Concen: 52.381 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 78 Resp: 449156
Ion Ratio Lower Upper
78 100
77 22.6 18.7 28.1

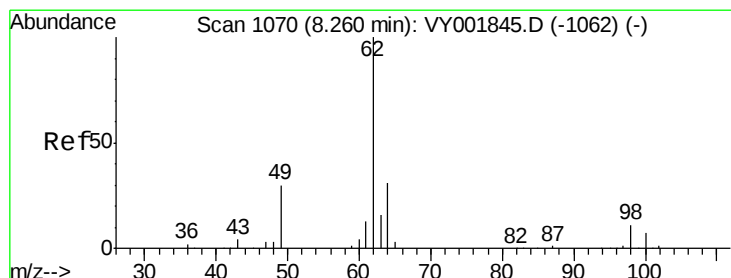
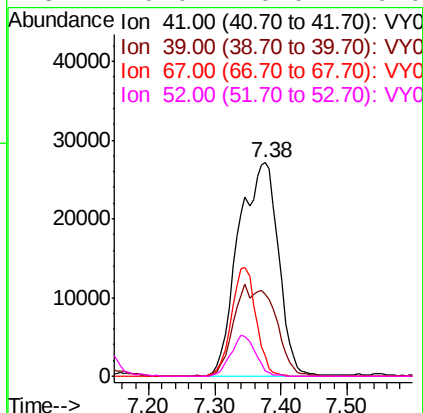
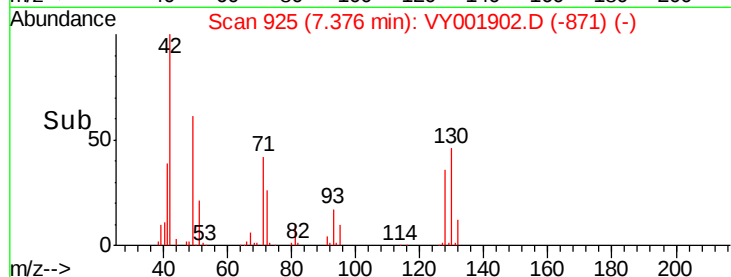
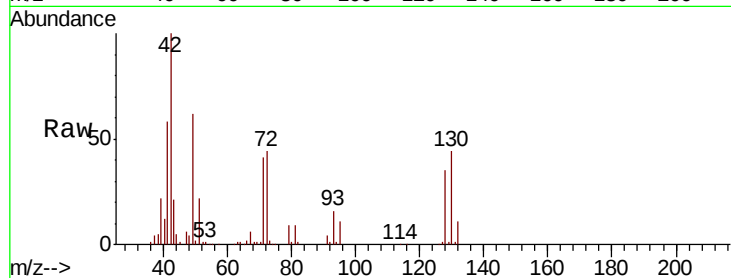




#41
Methacrylonitrile
Concen: 150.719 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

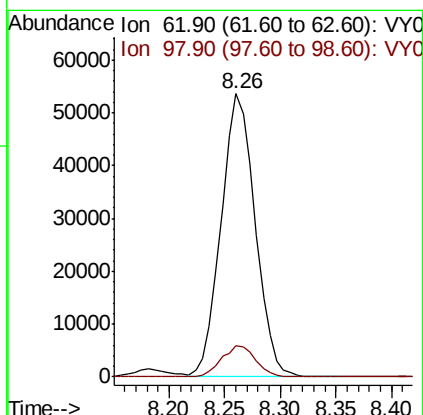
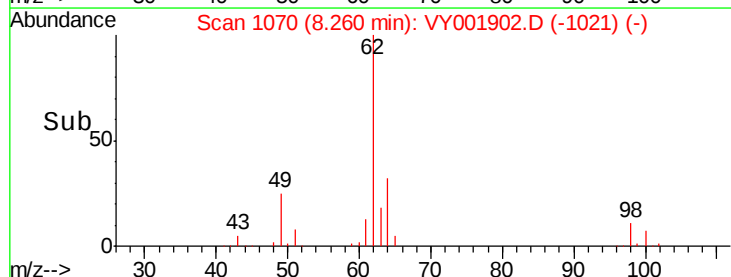
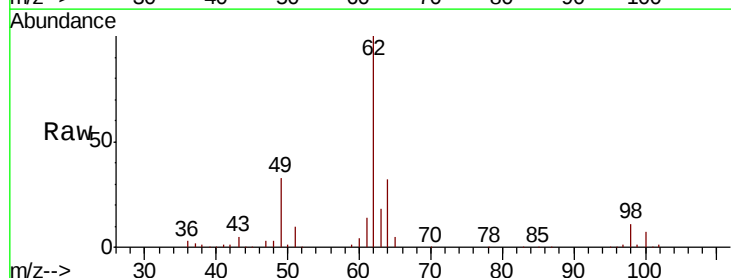
Instrument :
MSVOA_Y
ClientSampled :

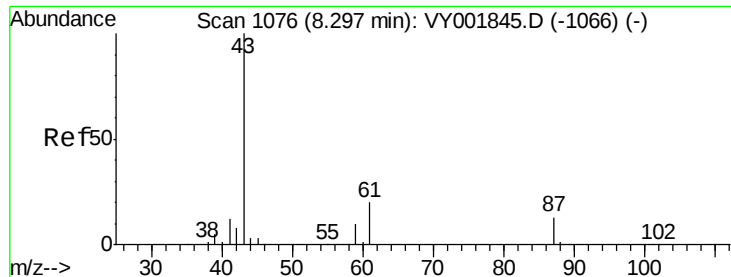
Tot Ion: 41 Resp: 114048
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.470 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 62 Resp: 113726
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4



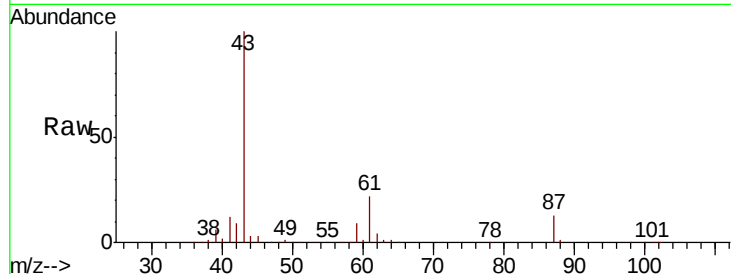


#43

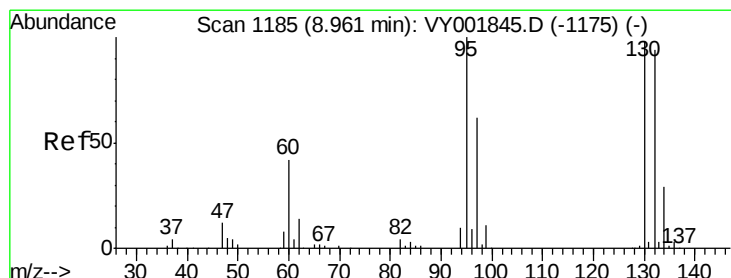
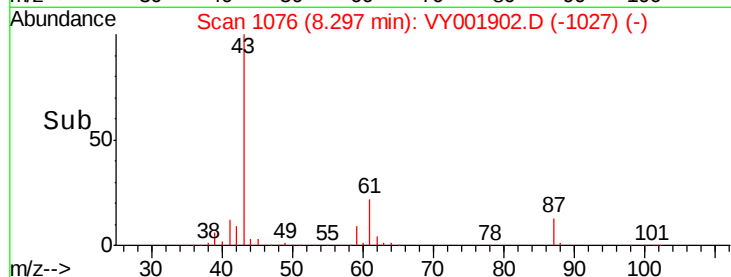
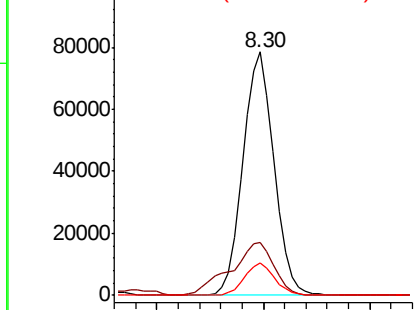
Isopropyl Acetate
 Concen: 50.268 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 43 Resp: 160023
 Ion Ratio Lower Upper
 43 100
 61 30.3 23.8 35.6
 87 12.9 10.9 16.3



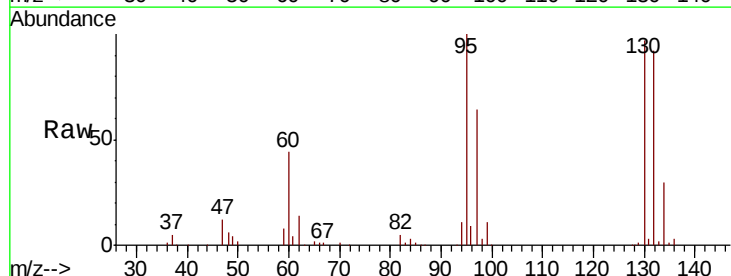
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



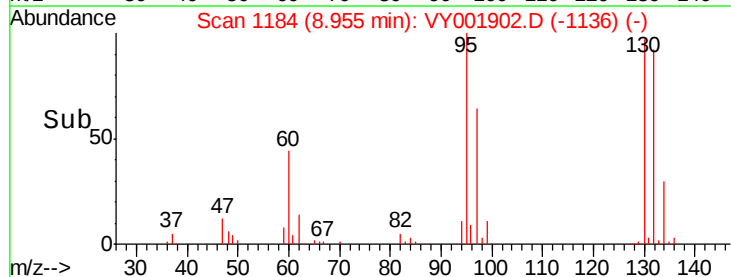
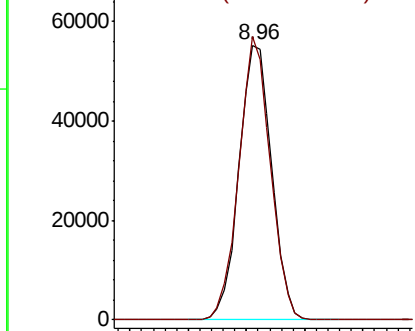
#44

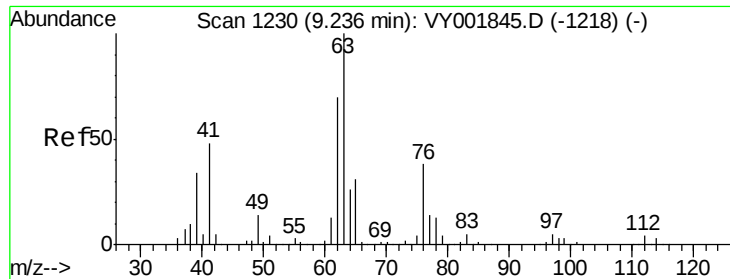
Trichloroethene
 Concen: 51.923 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion:130 Resp: 108433
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 204.6



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

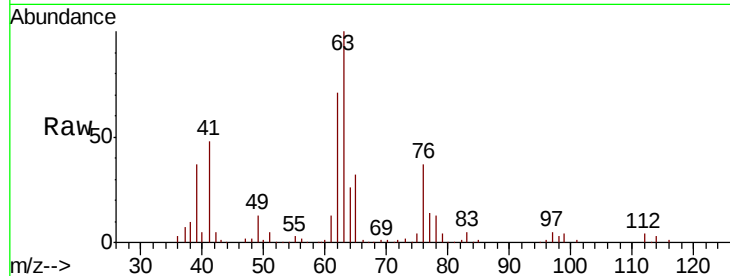




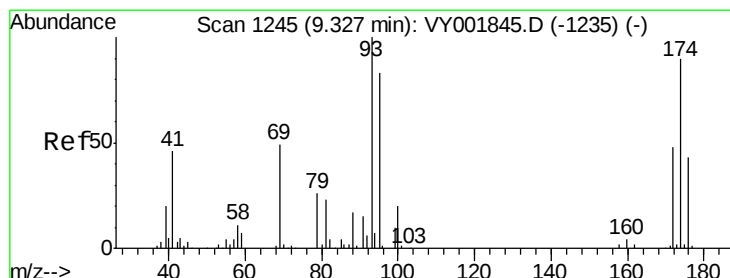
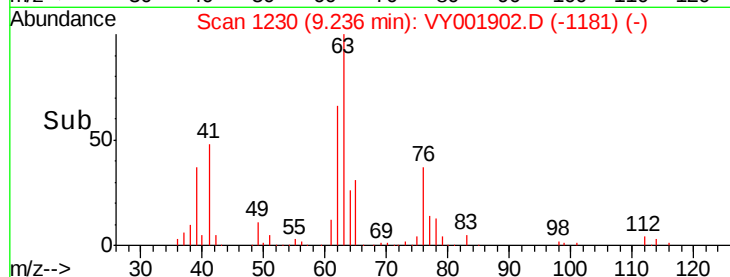
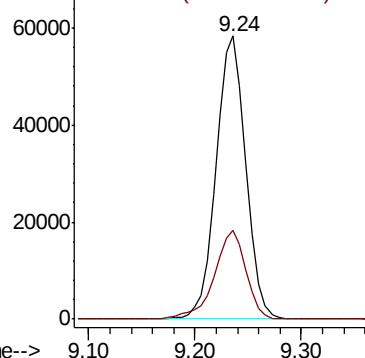
#45
 1,2-Dichloropropane
 Concen: 52.802 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 63 Resp: 113817
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3

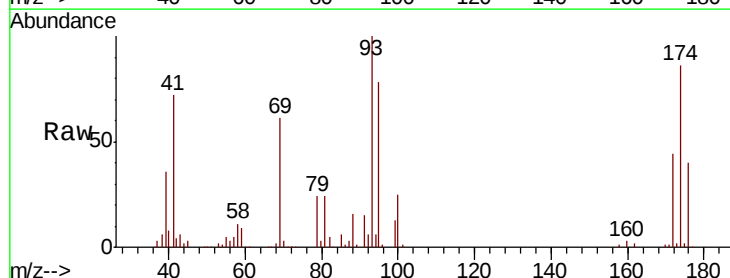


Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 64.90 (64.60 to 65.60): VY0

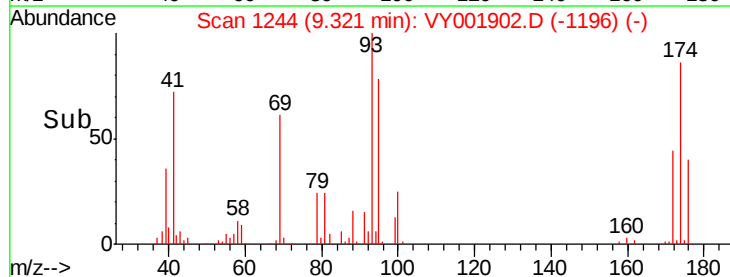
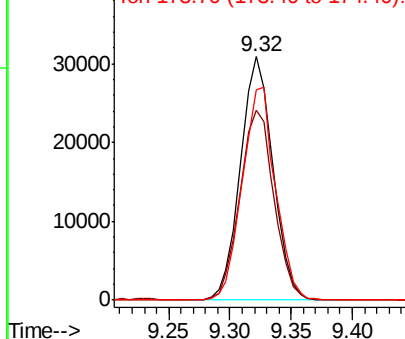


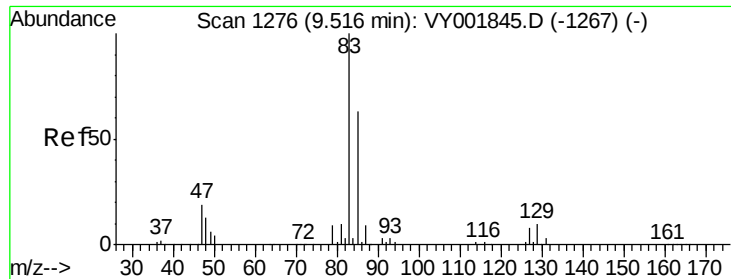
#46
 Dibromomethane
 Concen: 51.559 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion: 93 Resp: 57272
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.0 100.4
 174 89.0 71.8 107.8



Abundance Ion 92.80 (92.50 to 93.50): VY0
 Ion 94.80 (94.50 to 95.50): VY0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.803 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

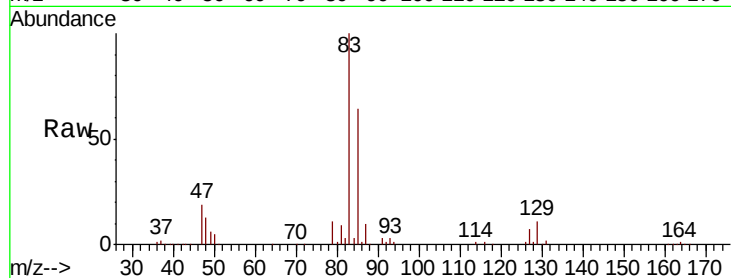
Tot Ion: 83 Resp: 136442

Ion Ratio Lower Upper

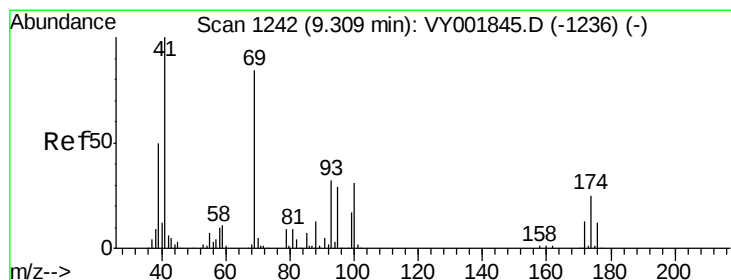
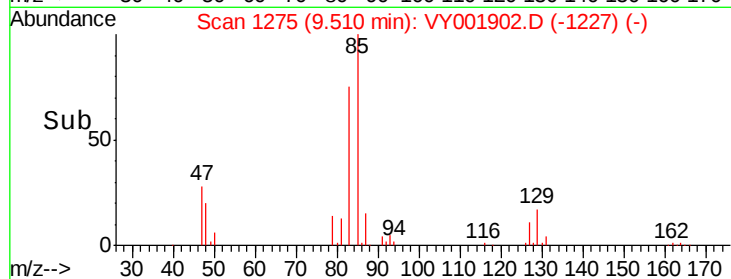
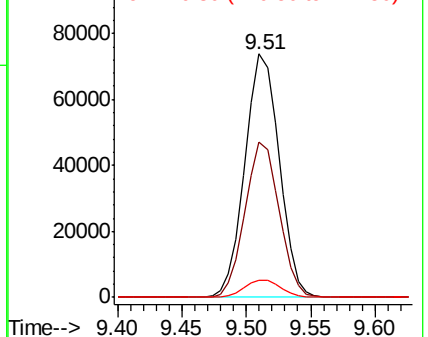
83 100

85 64.0 50.6 76.0

127 7.3 6.2 9.4



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



#48

Methyl methacrylate

Concen: 53.659 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

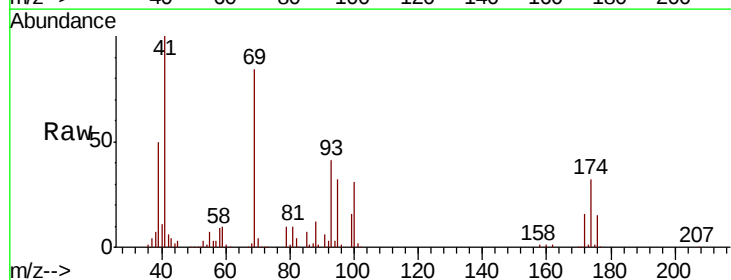
Tgt Ion: 41 Resp: 75796

Ion Ratio Lower Upper

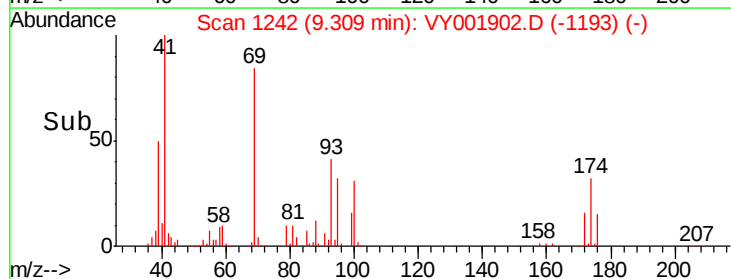
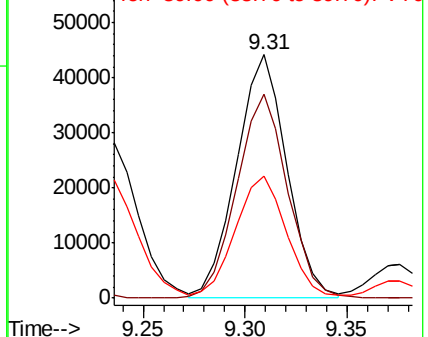
41 100

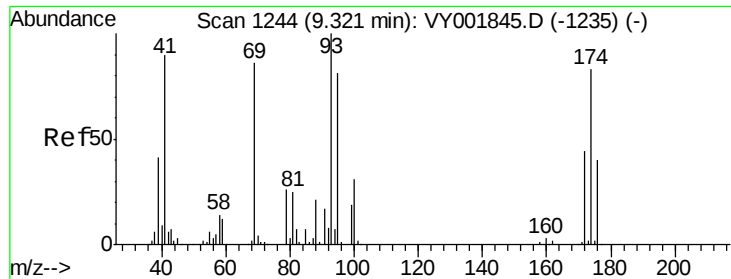
69 84.6 69.0 103.6

39 51.4 39.1 58.7



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

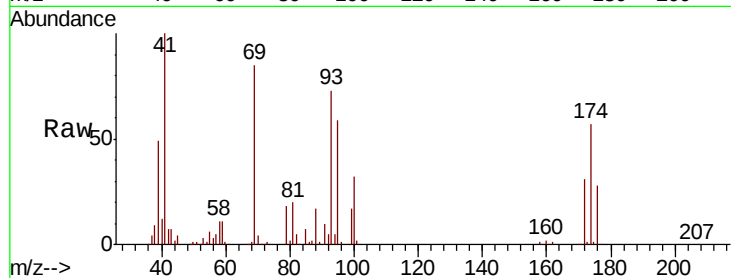




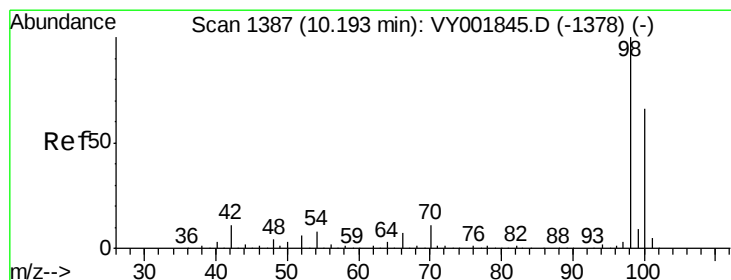
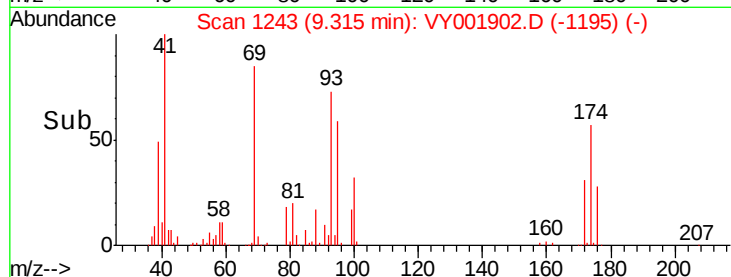
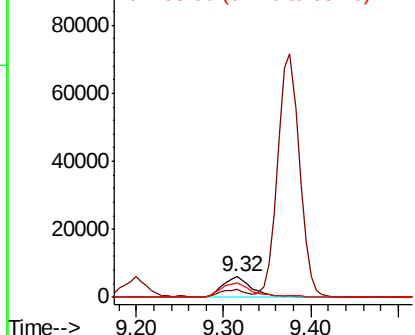
#49
1,4-Dioxane
Concen: 949.425 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 14451
Ion Ratio Lower Upper
88 100
43 29.8 25.0 37.6
58 68.0 58.9 88.3

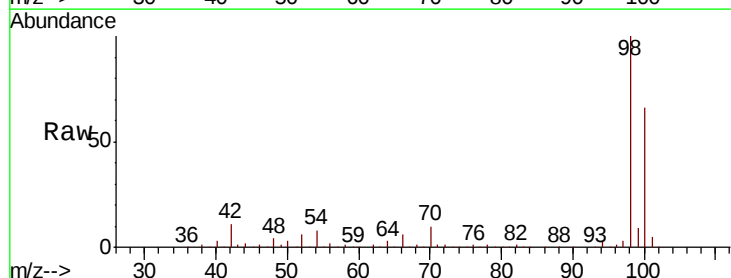


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

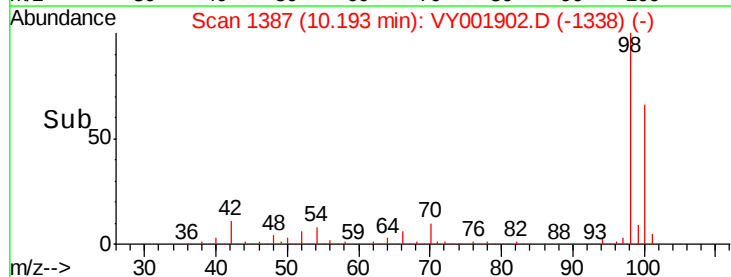
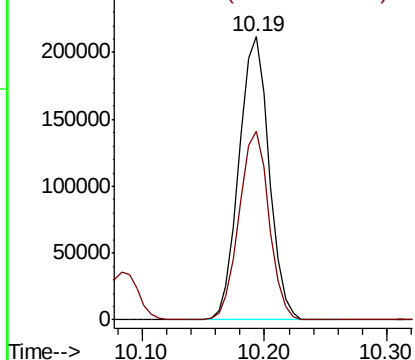


#50
Toluene-d8
Concen: 52.086 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 98 Resp: 360549
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



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: 257.616 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

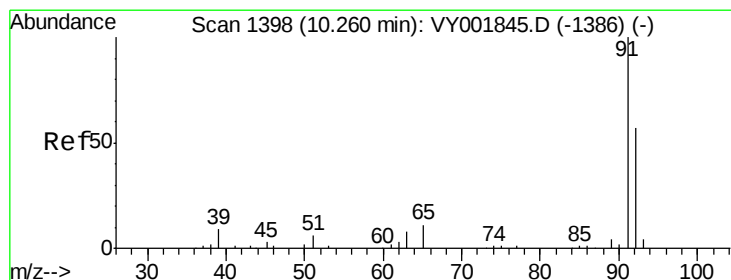
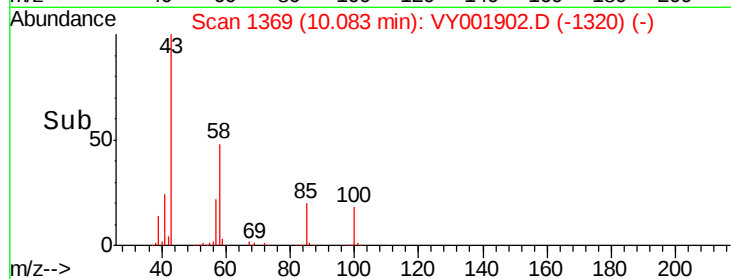
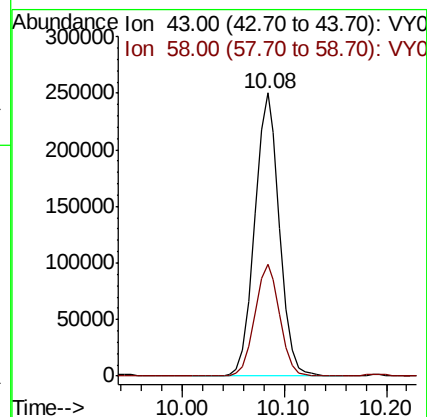
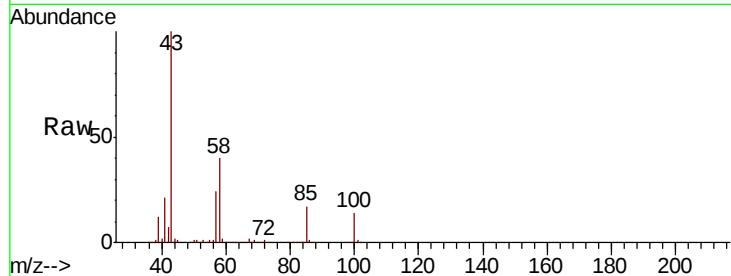
ClientSampled :

Tot Ion: 43 Resp: 422402

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



#52

Toluene

Concen: 52.238 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001902.D

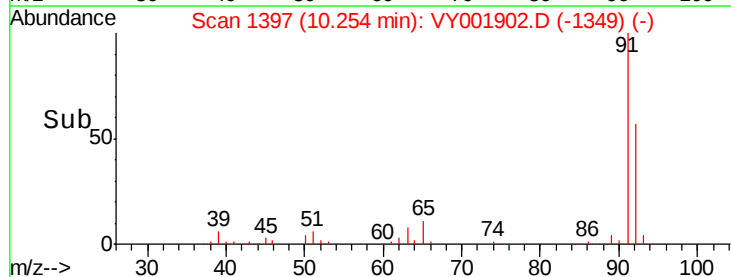
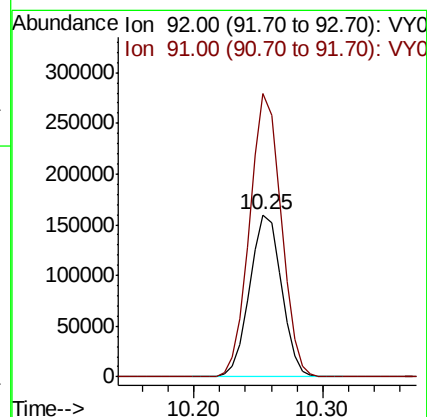
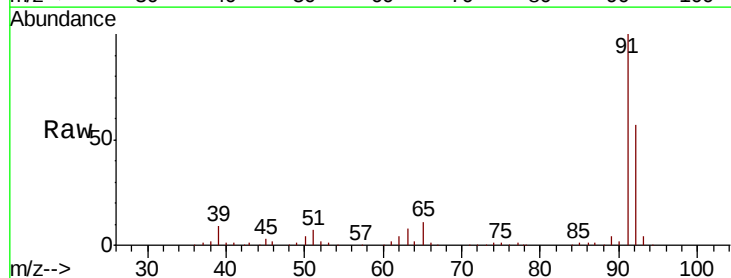
Acq: 06 Mar 2020 16:55

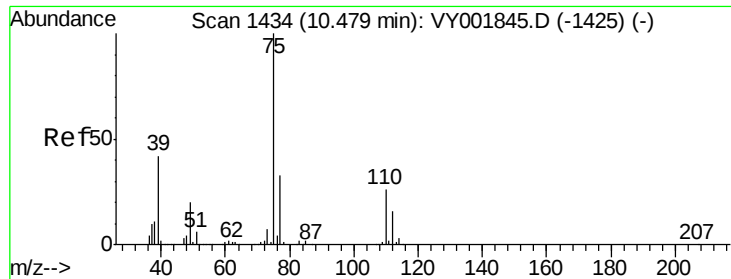
Tgt Ion: 92 Resp: 272110

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.887 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

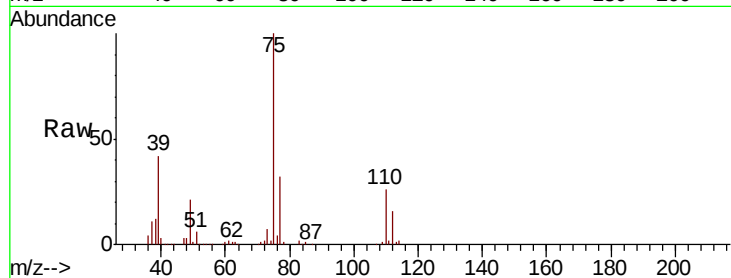
ClientSampleId :

Tot Ion: 75 Resp: 148886

Ion Ratio Lower Upper

75 100

77 32.5 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

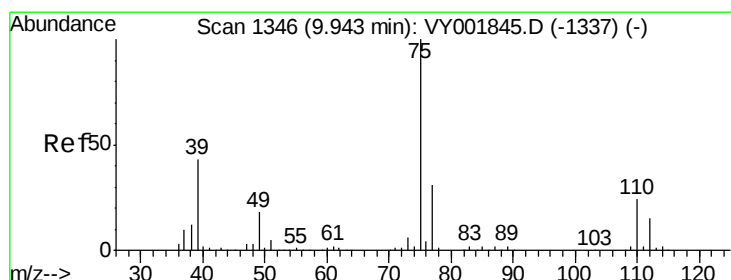
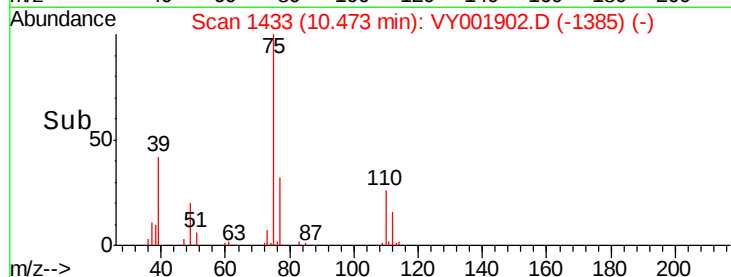
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.590 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

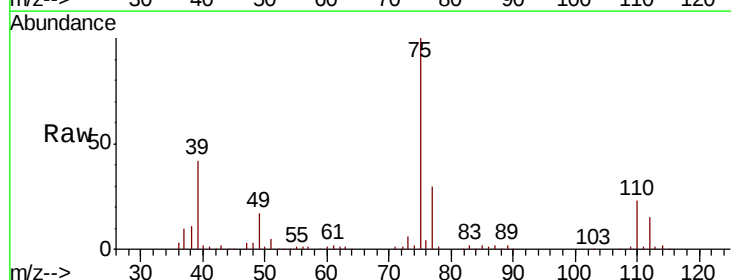
Tgt Ion: 75 Resp: 176246

Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7

39 42.2 34.7 52.1



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

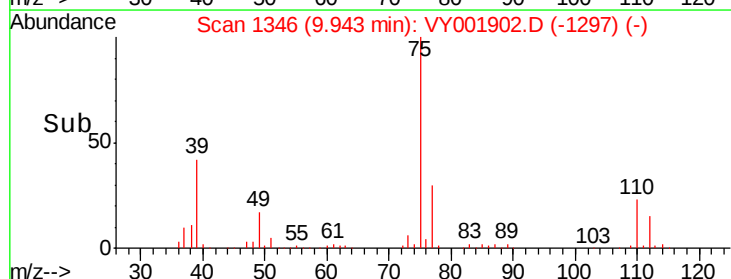
9.94

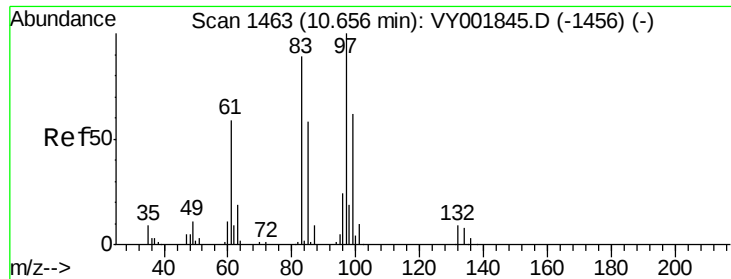
100000

50000

0

Time-->

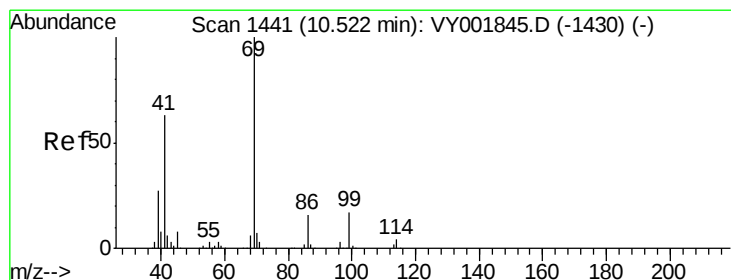
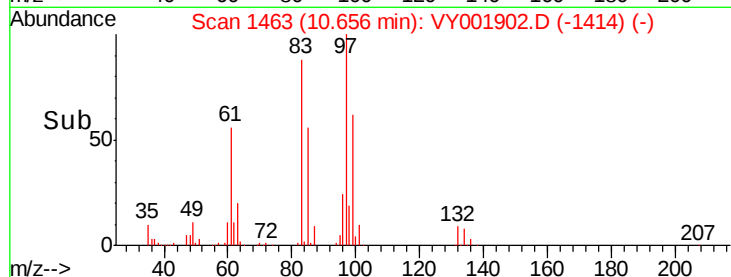
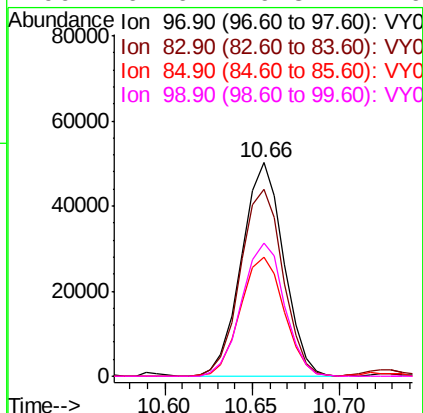
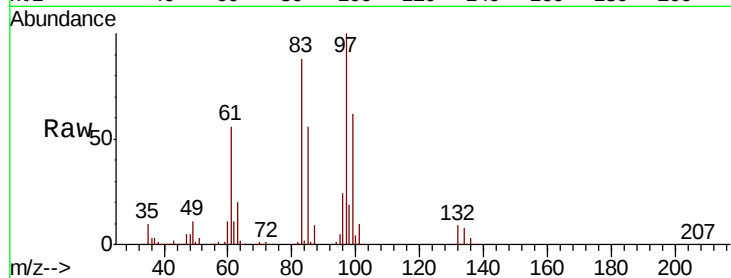




#55
 1,1,2-Trichloroethane
 Concen: 51.298 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

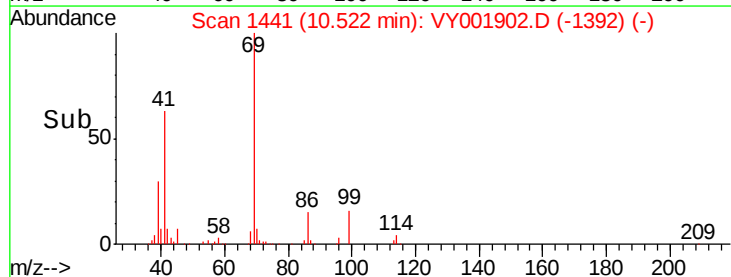
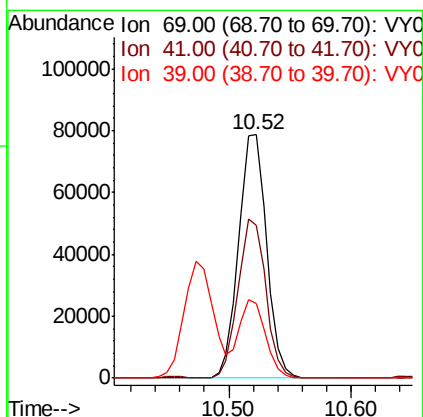
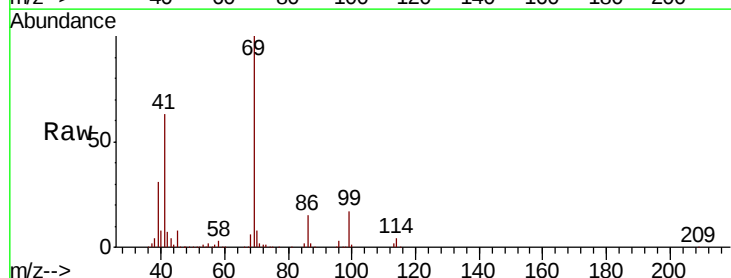
Instrument :
 MSVOA_Y
 ClientSampleId :

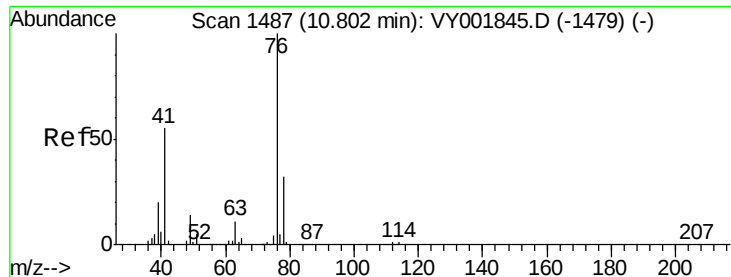
Tot Ion:	97	Resp:	83393
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.6	107.4
85	55.9	46.6	69.8
99	62.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.554 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion:	69	Resp:	125227
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.9	74.9
39	30.7	23.0	34.6





#57

1,3-Dichloropropane

Concen: 51.348 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

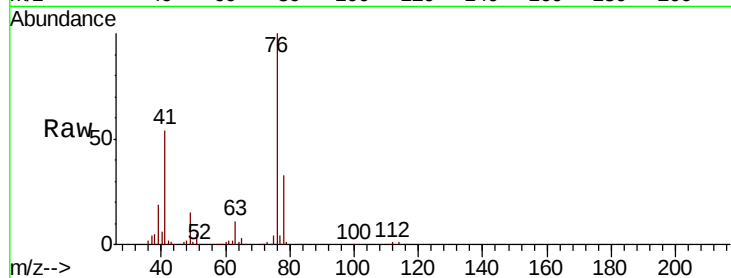
ClientSampleId :

Tot Ion: 76 Resp: 148794

Ion Ratio Lower Upper

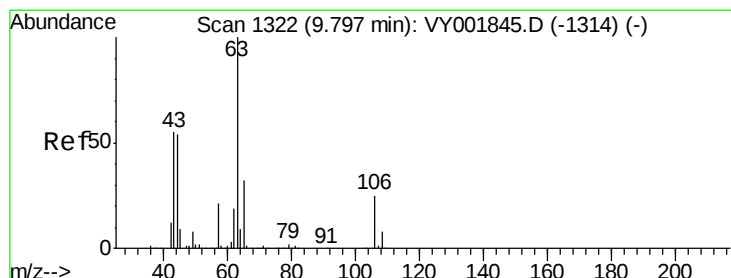
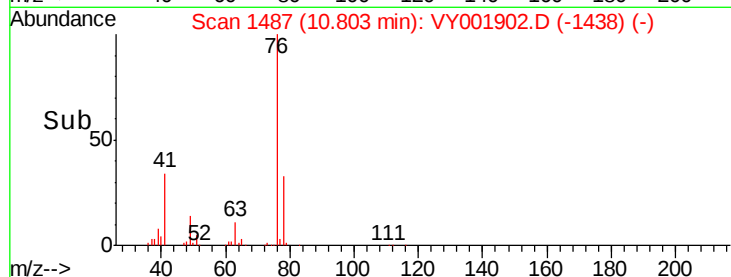
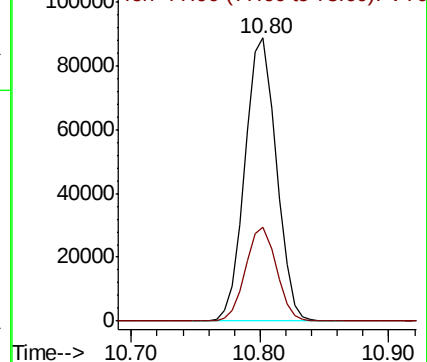
76 100

78 32.7 25.8 38.6



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: 238.997 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001902.D

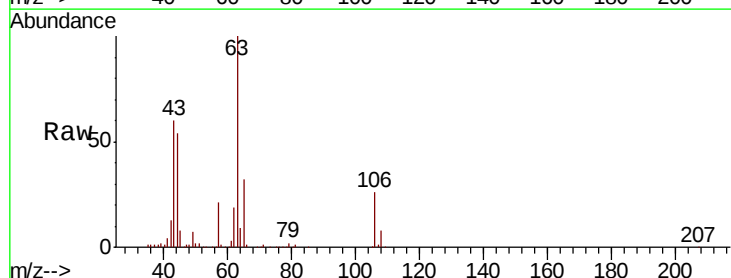
Acq: 06 Mar 2020 16:55

Tgt Ion: 63 Resp: 200258

Ion Ratio Lower Upper

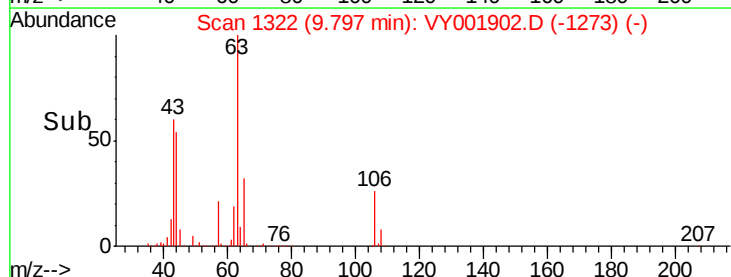
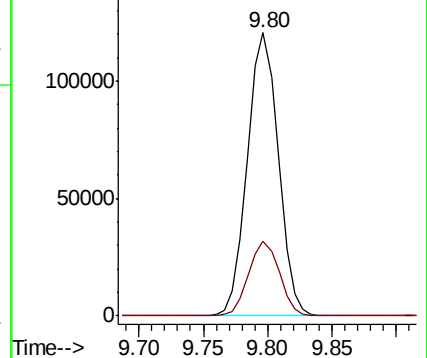
63 100

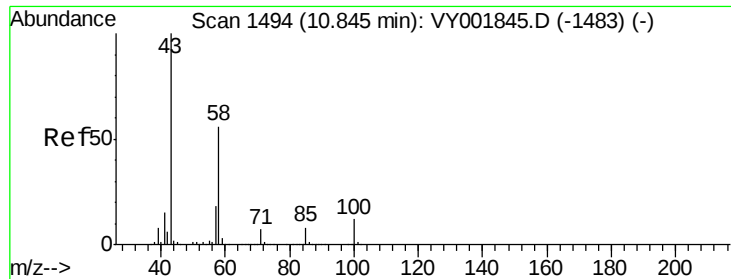
106 26.3 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 250.397 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

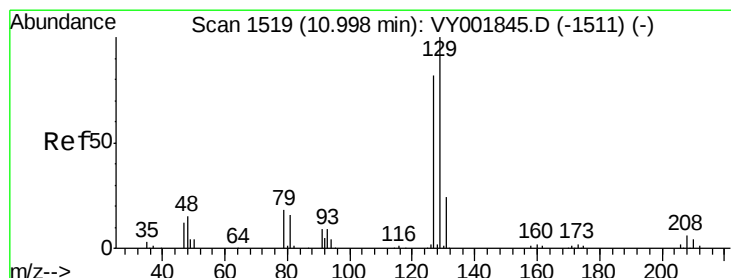
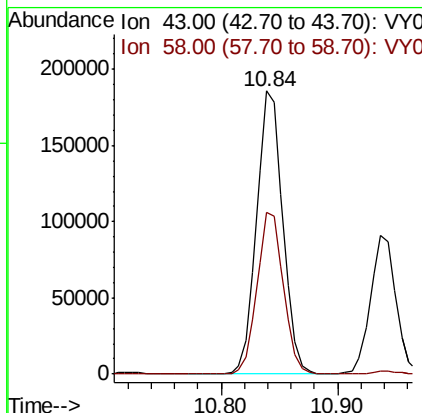
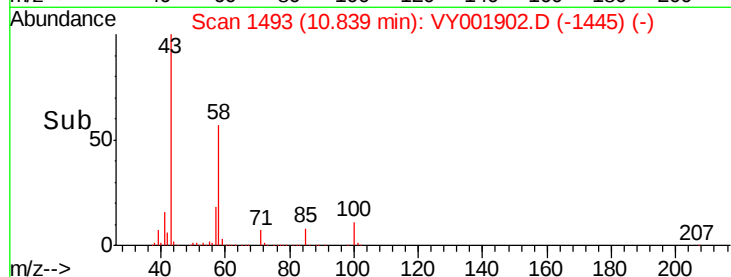
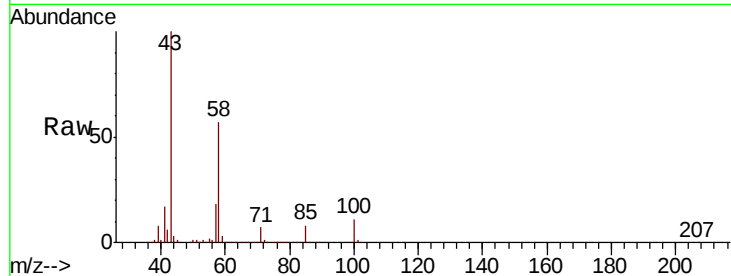
ClientSampleId :

Tot Ion: 43 Resp: 293043

Ion Ratio Lower Upper

43 100

58 57.2 28.1 84.3



#60

Dibromochloromethane

Concen: 52.454 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.01 min

Lab File: VY001902.D

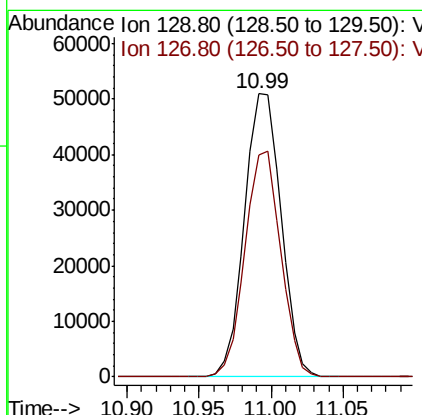
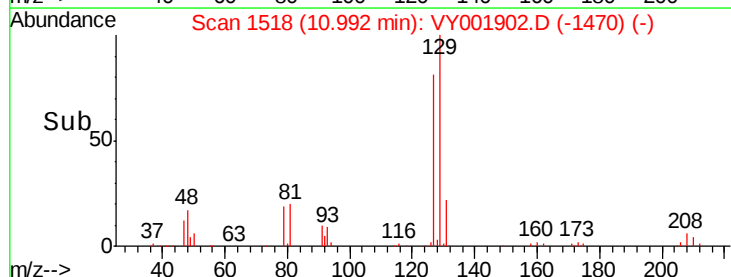
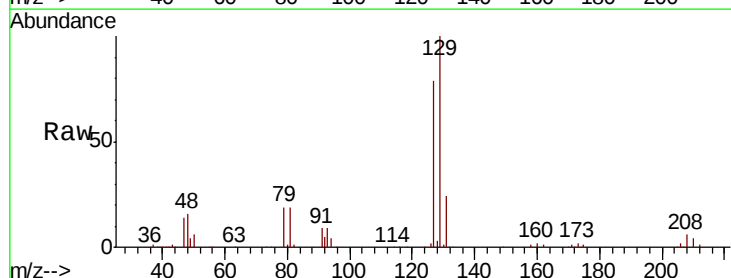
Acq: 06 Mar 2020 16:55

Tgt Ion: 129 Resp: 89854

Ion Ratio Lower Upper

129 100

127 77.8 39.0 117.0

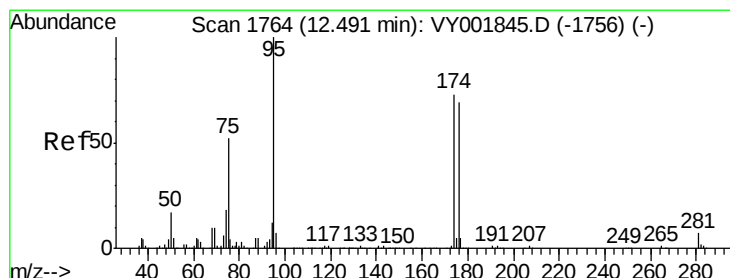
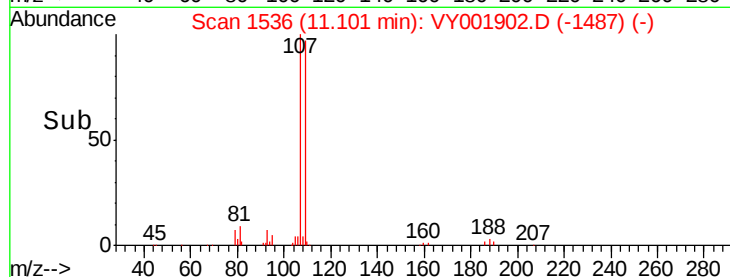
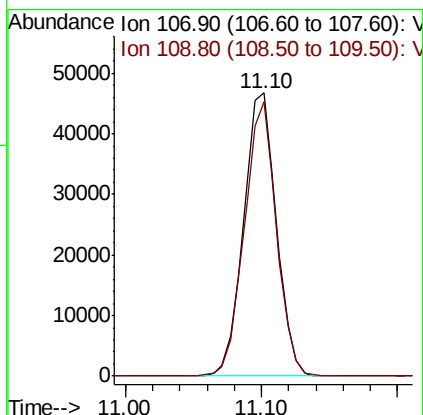
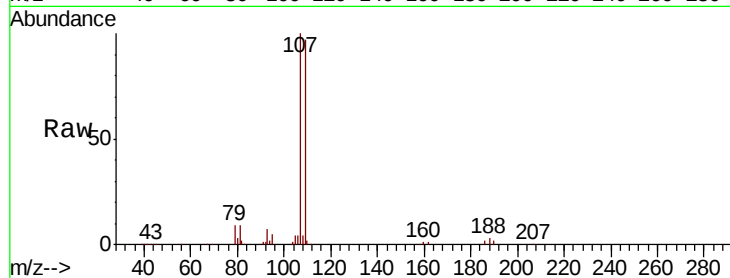




#61
 1,2-Dibromoethane
 Concen: 51.163 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

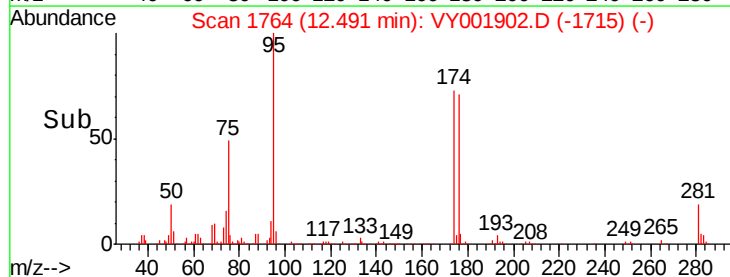
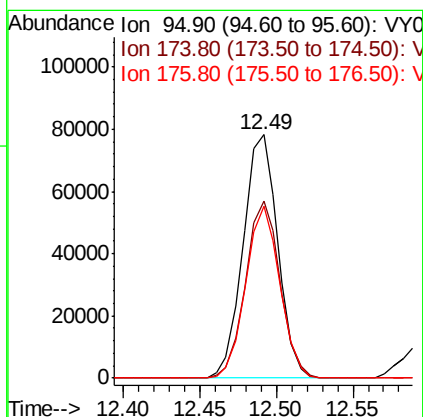
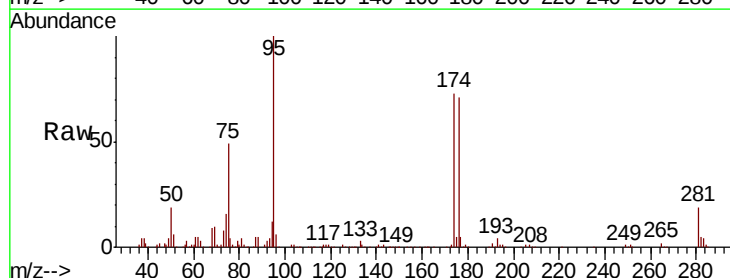
Instrument :
 MSVOA_Y
 ClientSampled :

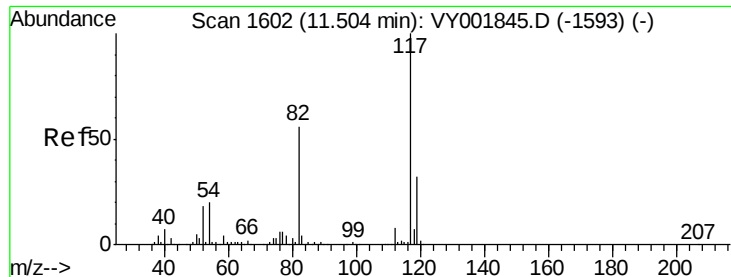
Tot Ion: 107 Resp: 78785
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.040 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion: 95 Resp: 122850
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.0
 176 69.6 0.0 137.4

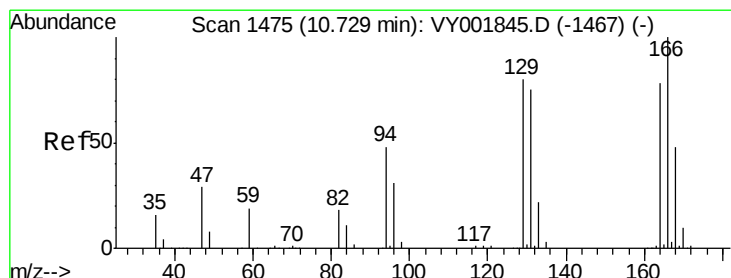
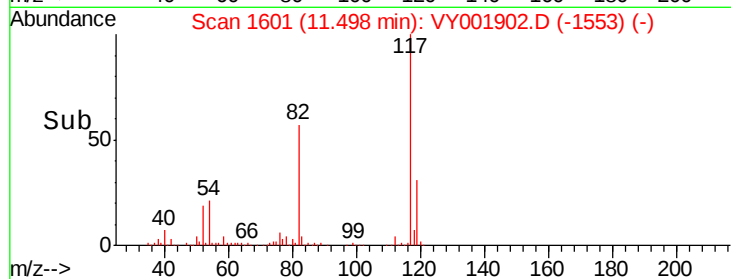
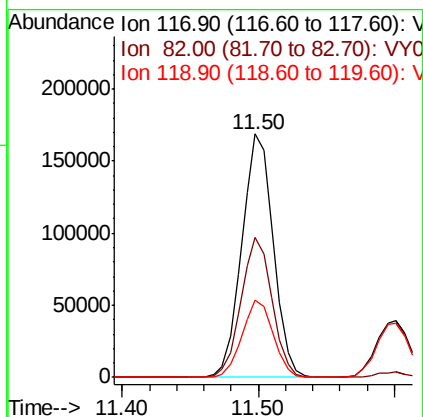
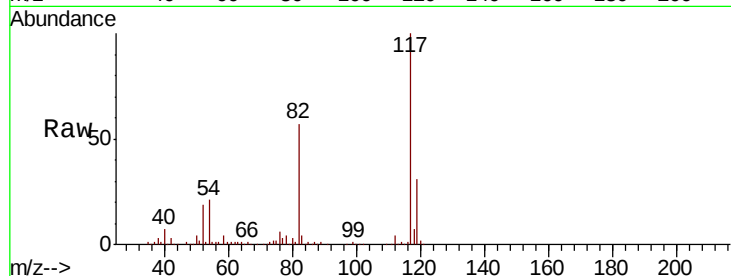




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

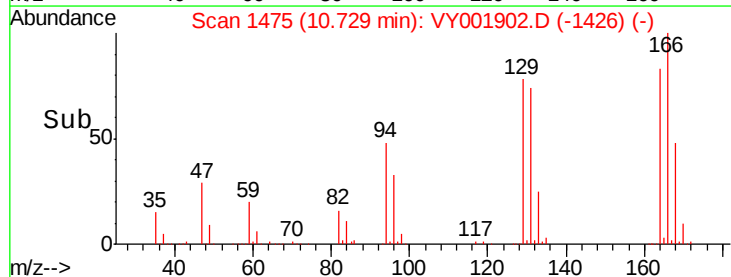
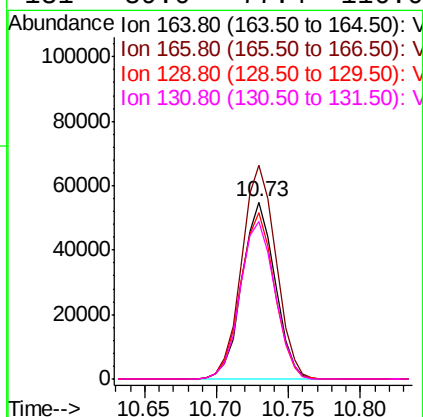
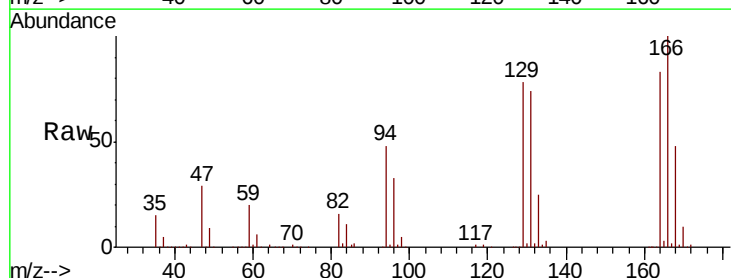
Instrument :
MSVOA_Y
ClientSampled :

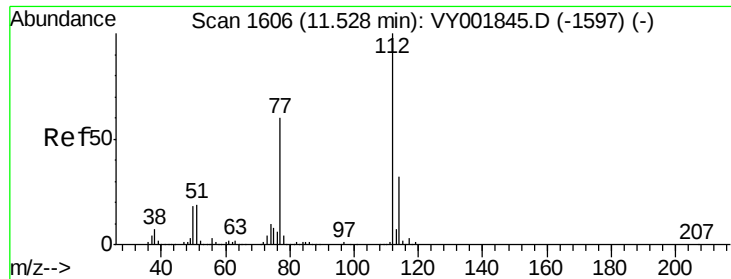
Tot Ion:117 Resp: 272358
Ion Ratio Lower Upper
117 100
82 57.4 44.5 66.7
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 50.994 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion:164 Resp: 87098
Ion Ratio Lower Upper
164 100
166 120.7 102.6 154.0
129 94.0 82.3 123.5
131 89.0 77.4 116.0

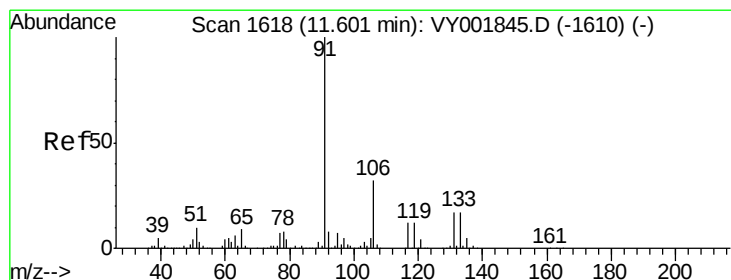
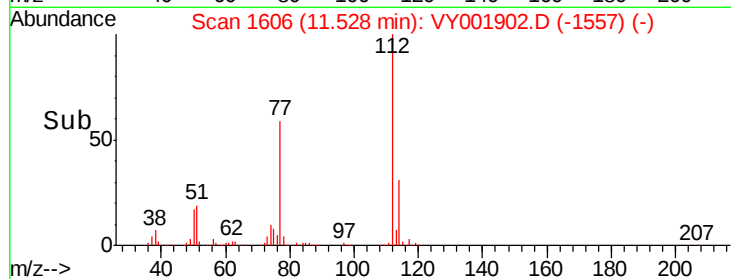
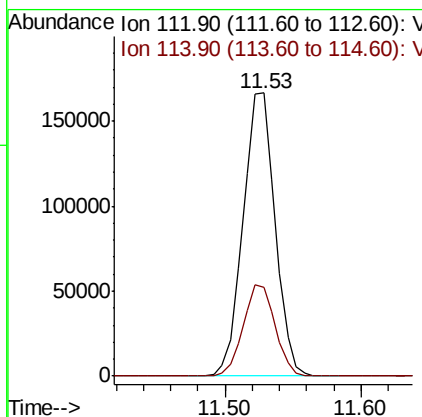
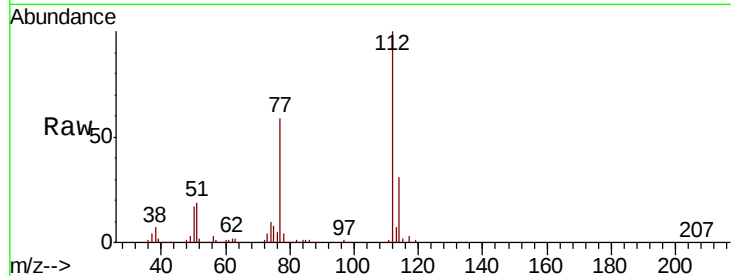




#65
Chlorobenzene
Concen: 50.600 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

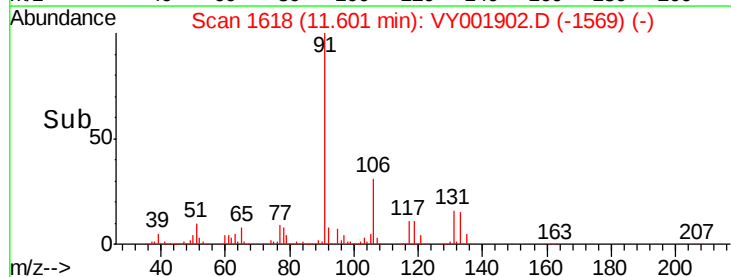
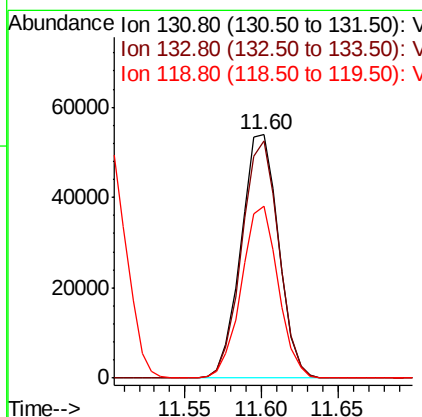
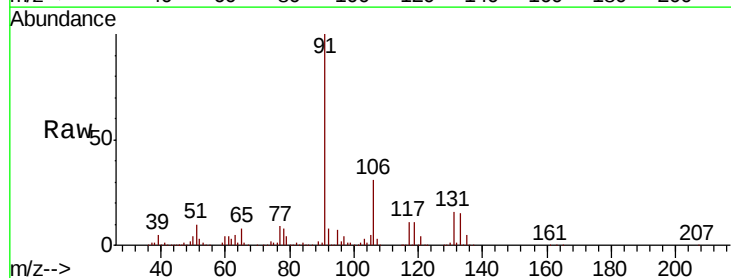
Instrument :
MSVOA_Y
ClientSampleId :

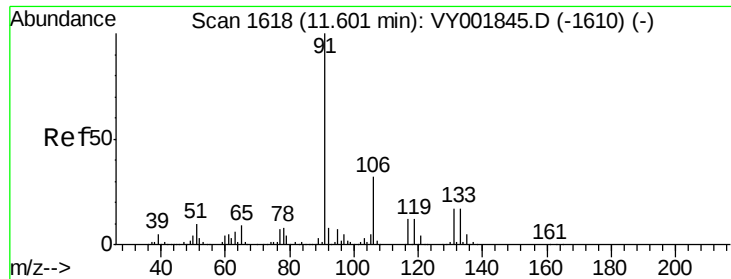
Tot Ion:112 Resp: 274600
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.848 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion:131 Resp: 92270
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 69.0 34.5 103.6

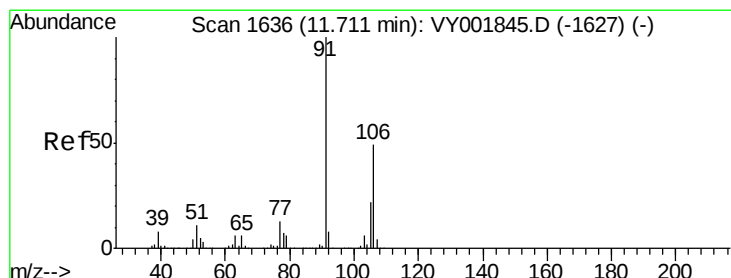
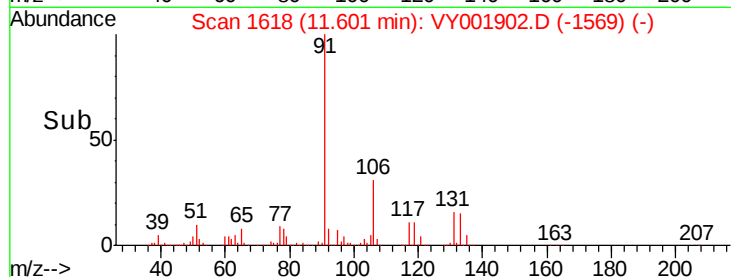
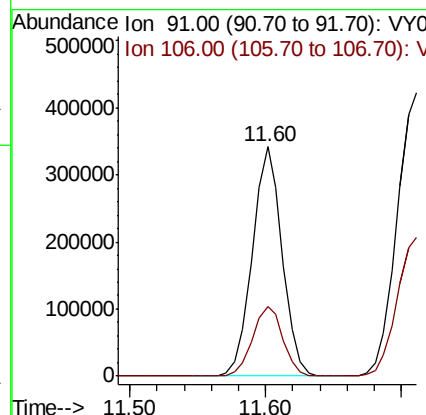
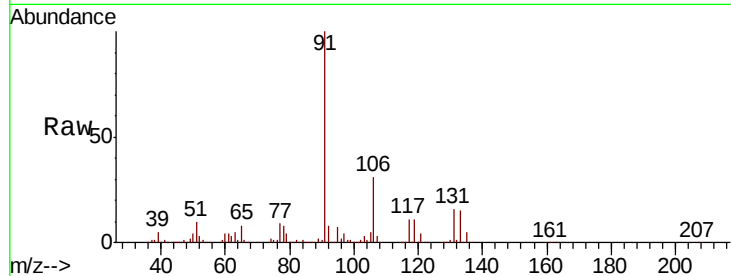




#67
Ethyl Benzene
Concen: 51.705 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

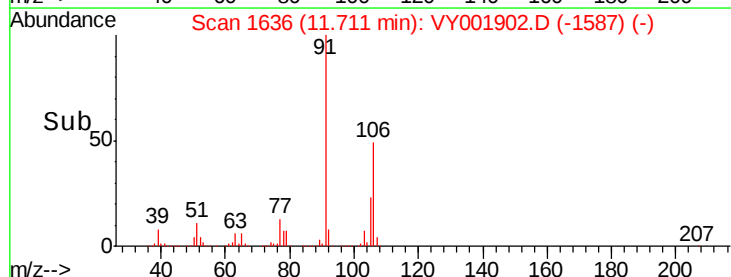
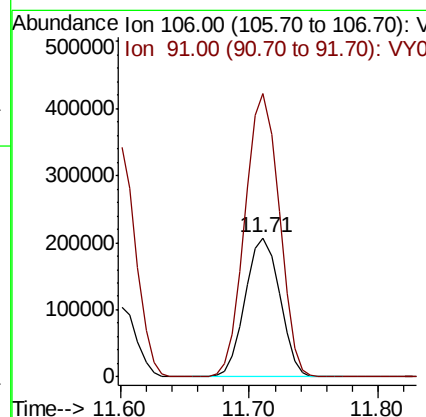
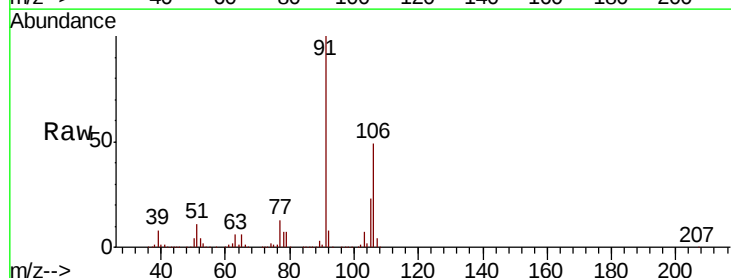
Instrument :
MSVOA_Y
ClientSampled :

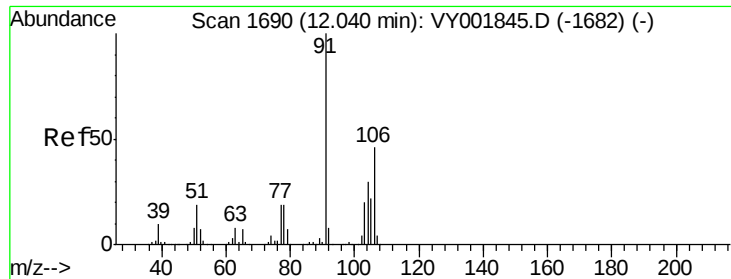
Tot Ion: 91 Resp: 523309
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2



#68
m/p-Xylenes
Concen: 103.036 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 106 Resp: 385546
Ion Ratio Lower Upper
106 100
91 202.0 161.3 241.9

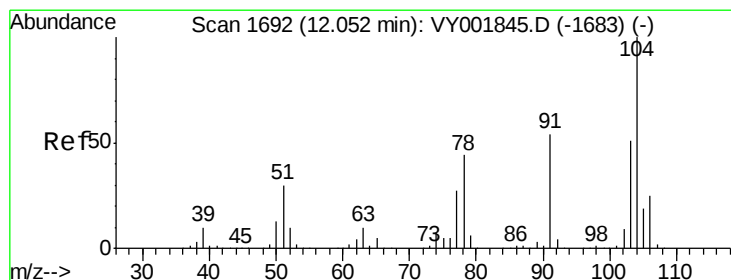
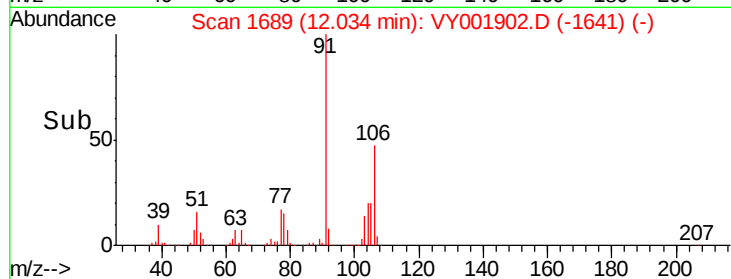
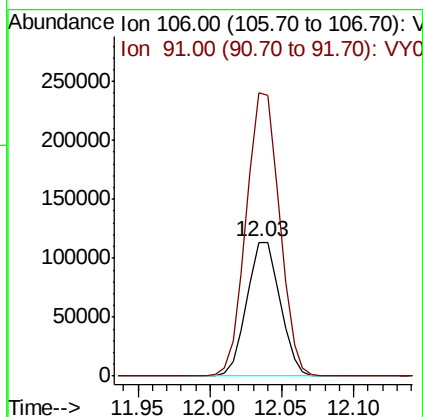
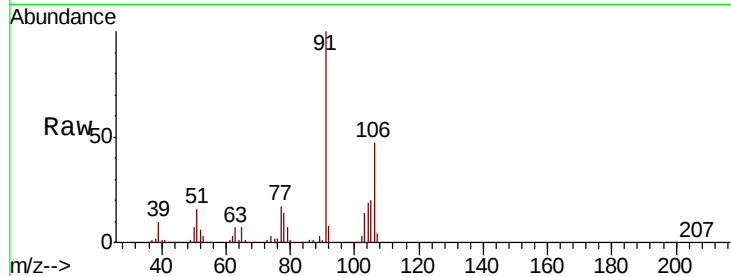




#69
o-Xylene
Concen: 51.656 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

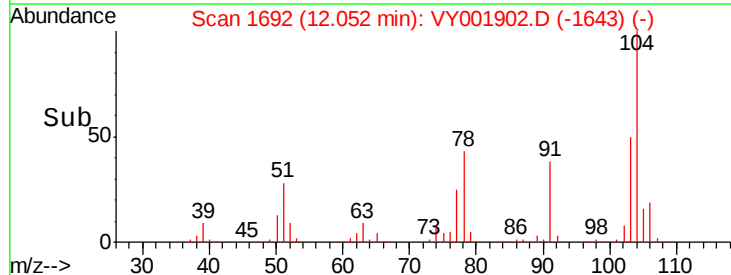
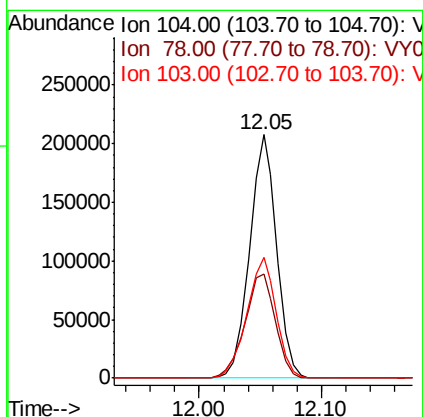
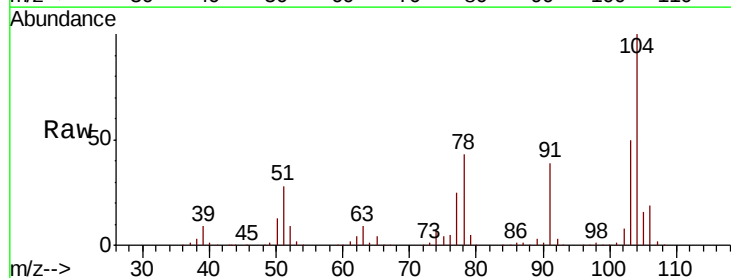
Instrument :
MSVOA_Y
ClientSampled :

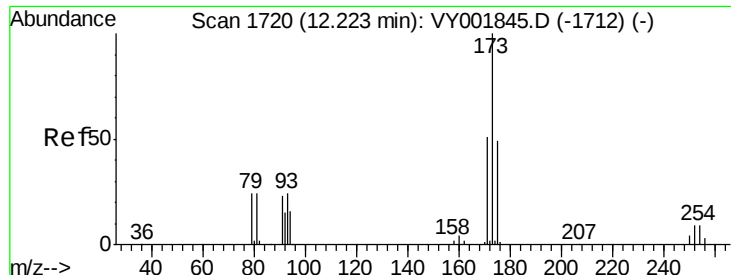
Tot Ion:106 Resp: 182179
Ion Ratio Lower Upper
106 100
91 211.6 106.8 320.4



#70
Styrene
Concen: 52.698 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion:104 Resp: 318317
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.9 42.9 64.3





#71

Bromoform

Concen: 52.386 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

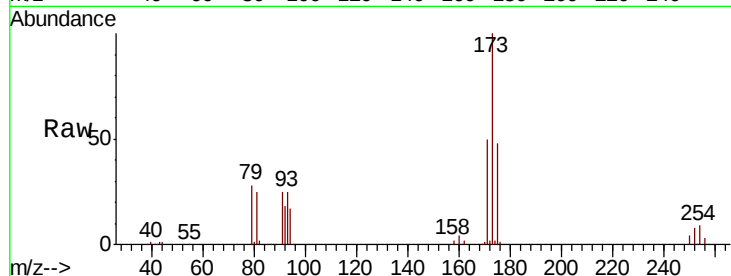
Tot Ion:173 Resp: 50559

Ion Ratio Lower Upper

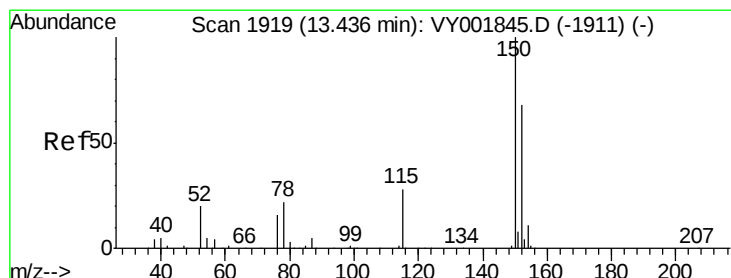
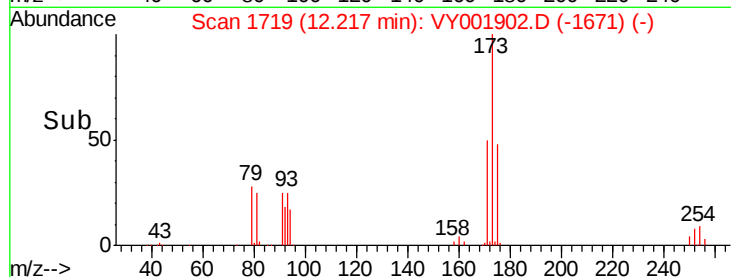
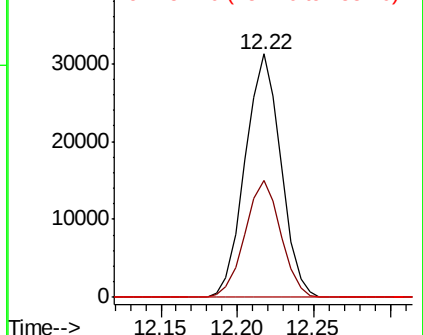
173 100

175 48.0 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

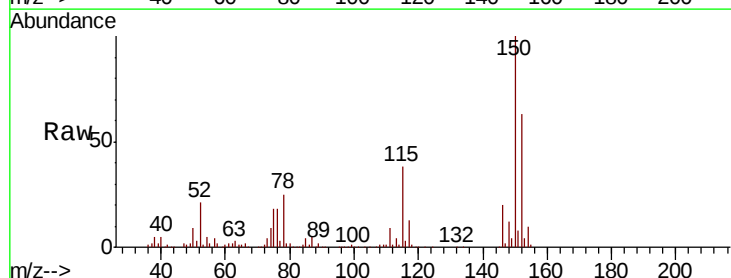
Tgt Ion:152 Resp: 124546

Ion Ratio Lower Upper

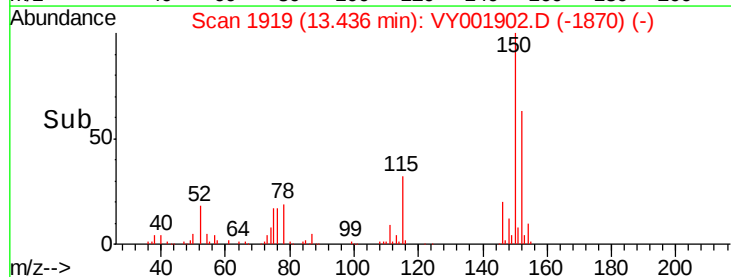
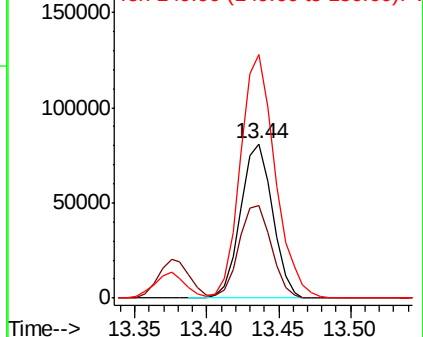
152 100

115 60.9 29.9 89.7

150 171.8 0.0 340.6



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: 51.366 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

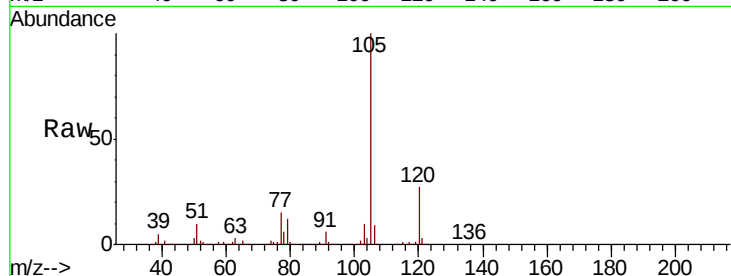
ClientSampleId :

Tot Ion:105 Resp: 488362

Ion Ratio Lower Upper

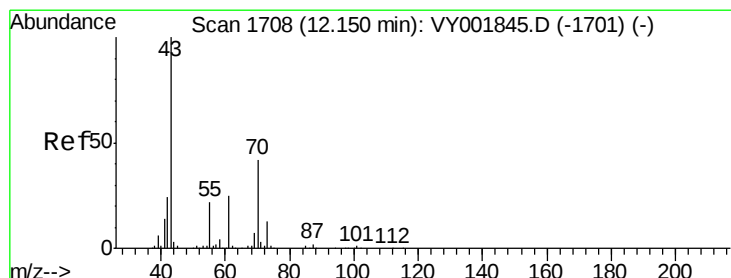
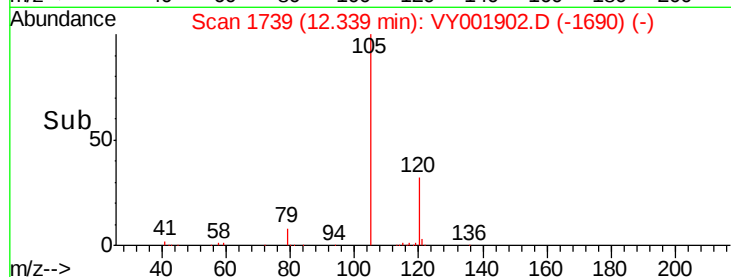
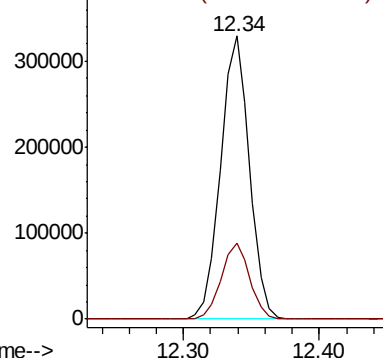
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.768 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Tgt Ion: 43 Resp: 148348

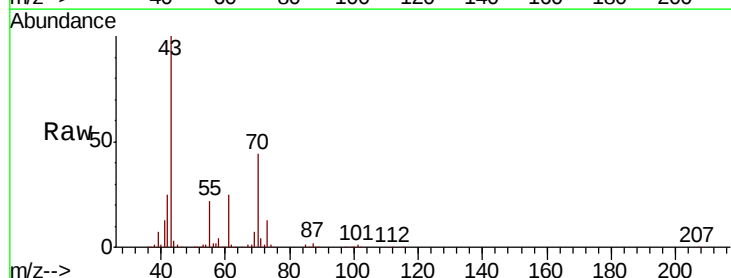
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 22.8 18.2 27.4

61 25.5 20.1 30.1

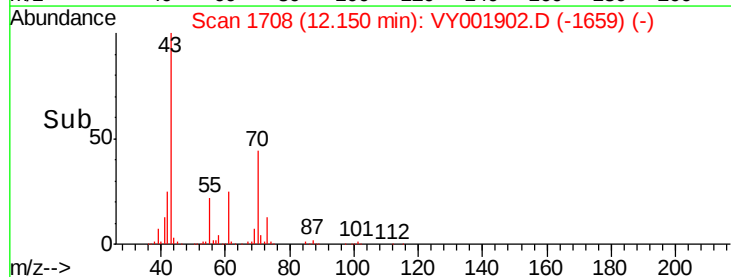
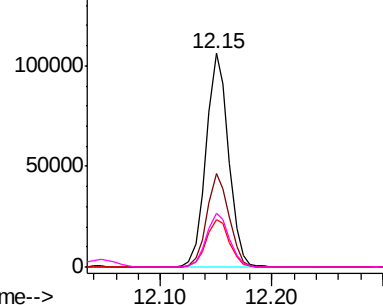


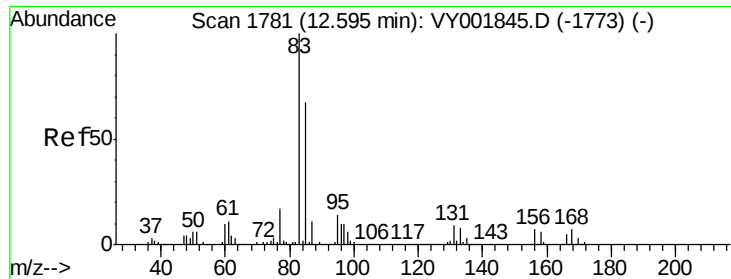
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.296 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampled :

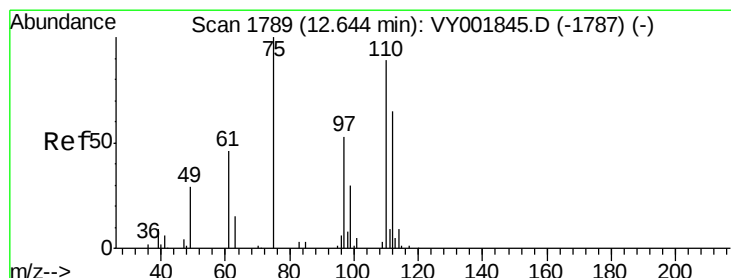
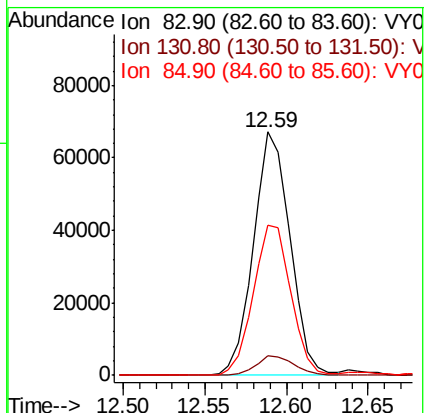
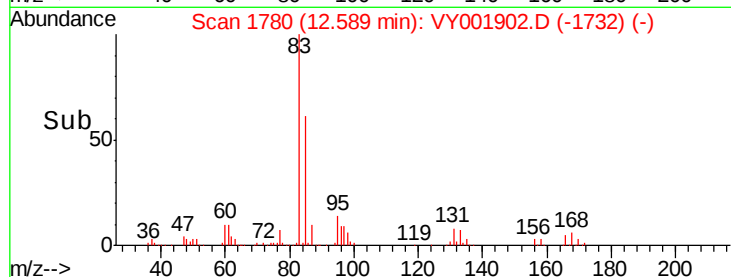
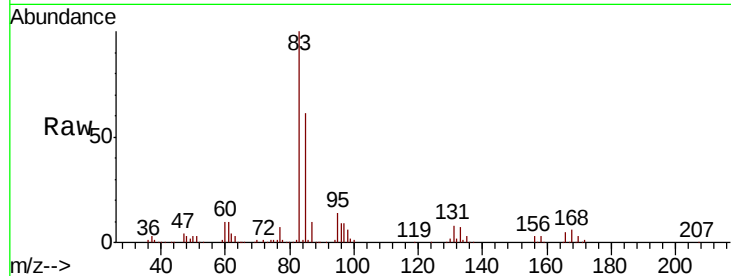
Tot Ion: 83 Resp: 105170

Ion Ratio Lower Upper

83 100

131 8.5 4.6 13.8

85 63.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 89.866 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001902.D

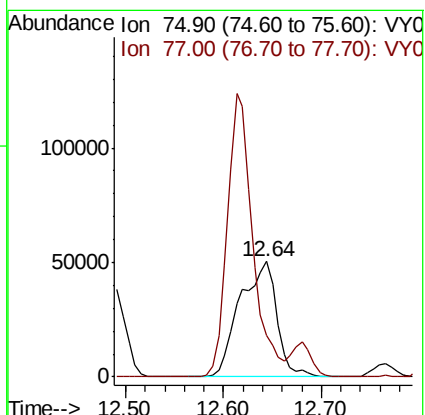
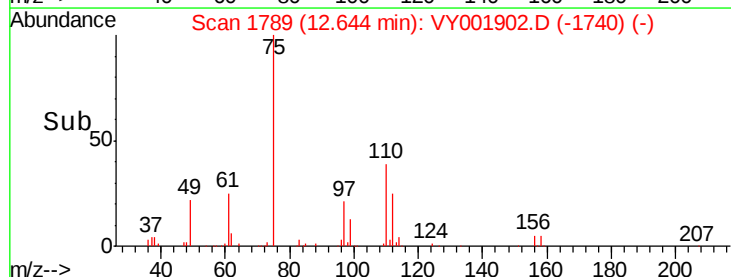
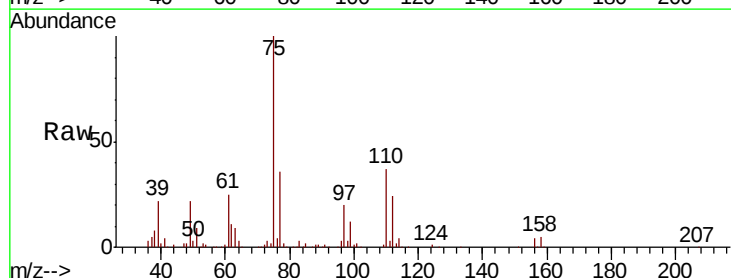
Acq: 06 Mar 2020 16:55

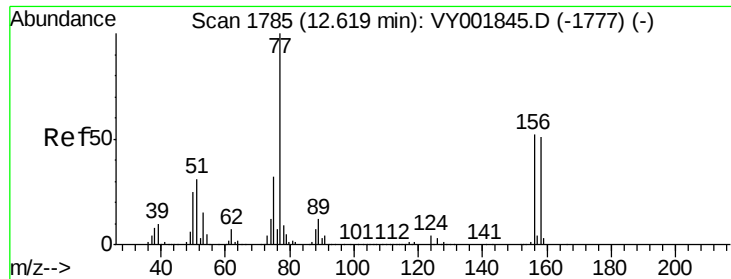
Tgt Ion: 75 Resp: 132806

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.307 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampled :

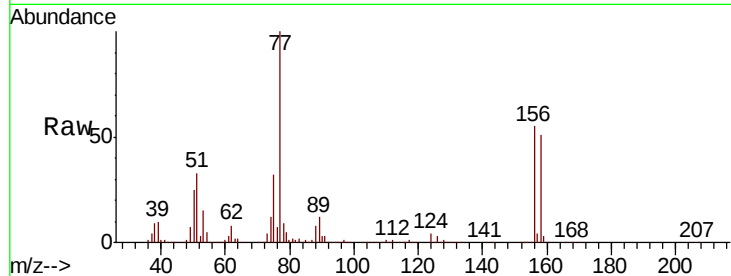
Tot Ion:156 Resp: 103350

Ion Ratio Lower Upper

156 100

77 215.7 109.0 327.0

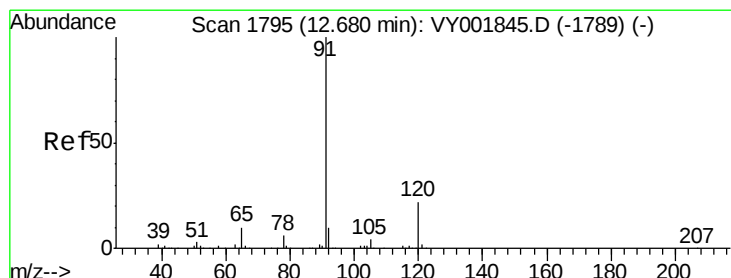
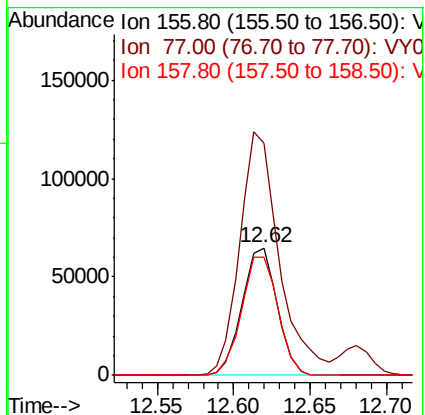
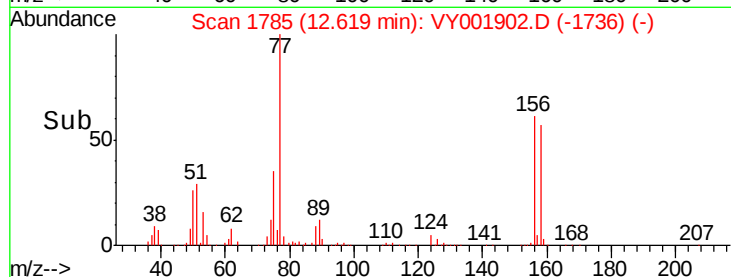
158 97.1 48.9 146.8



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: 51.697 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001902.D

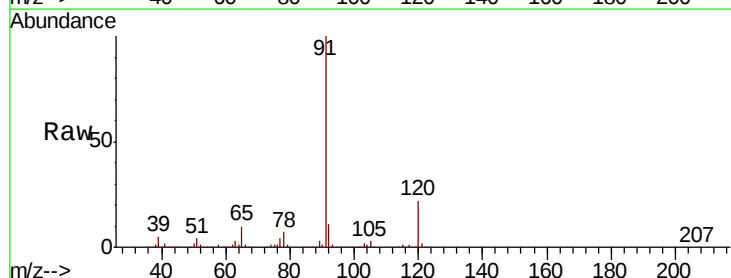
Acq: 06 Mar 2020 16:55

Tgt Ion: 91 Resp: 606384

Ion Ratio Lower Upper

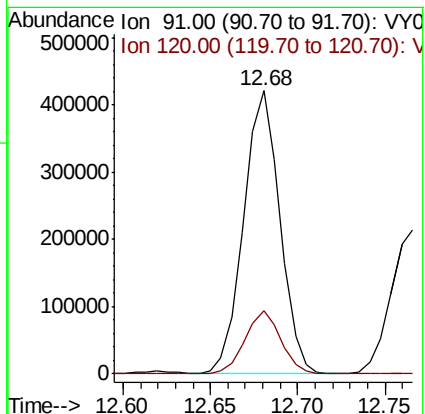
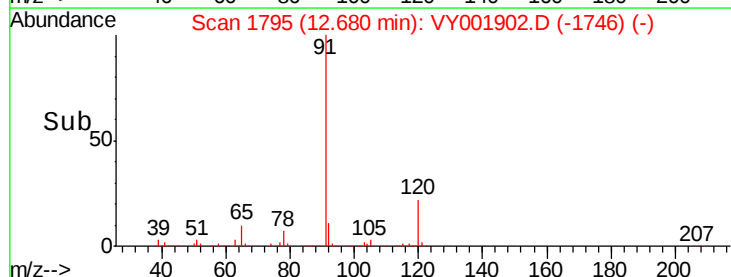
91 100

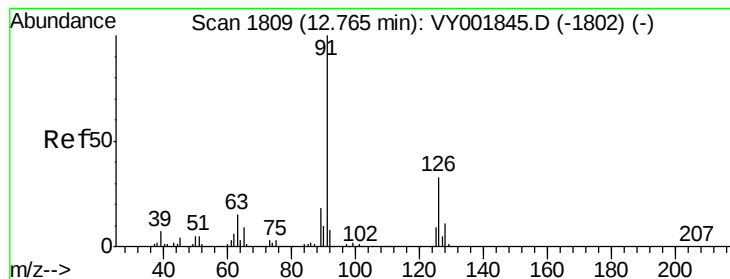
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.373 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

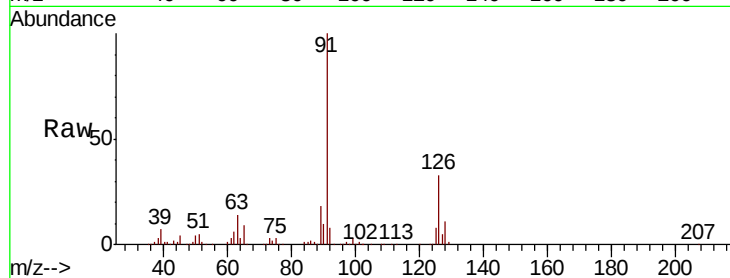
ClientSampleId :

Tot Ion: 91 Resp: 332915

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

300000

200000

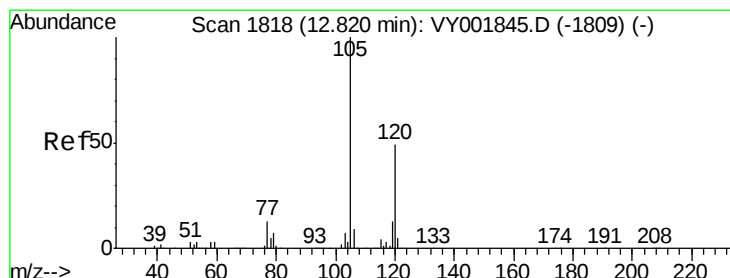
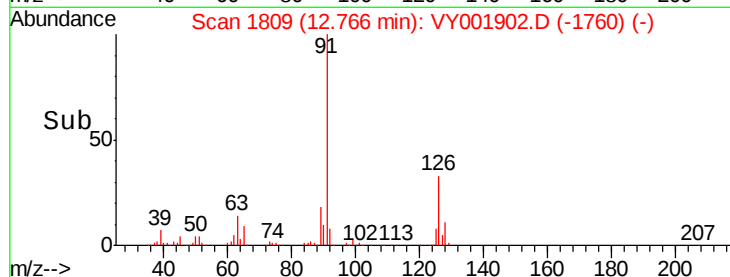
100000

0

12.70 12.75 12.80

12.77

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.743 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001902.D

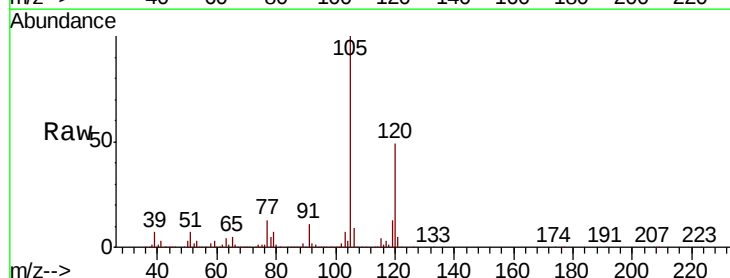
Acq: 06 Mar 2020 16:55

Tgt Ion: 105 Resp: 404989

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

300000

250000

200000

150000

100000

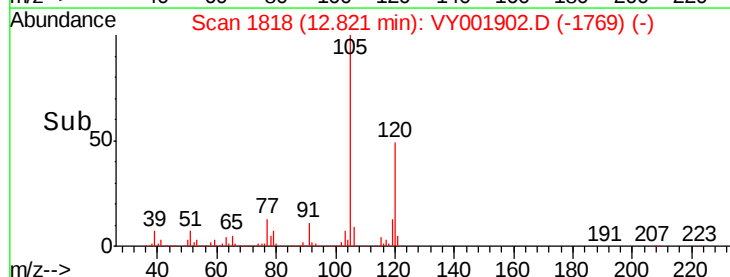
50000

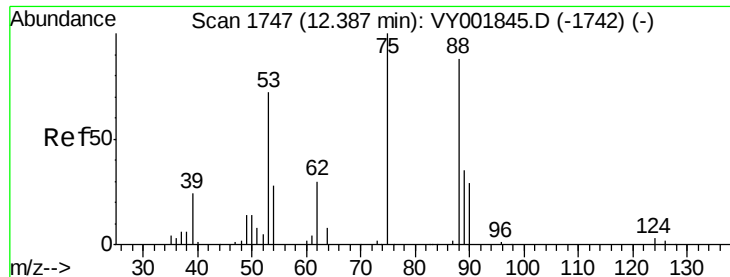
0

12.80 12.82 12.84

12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.260 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

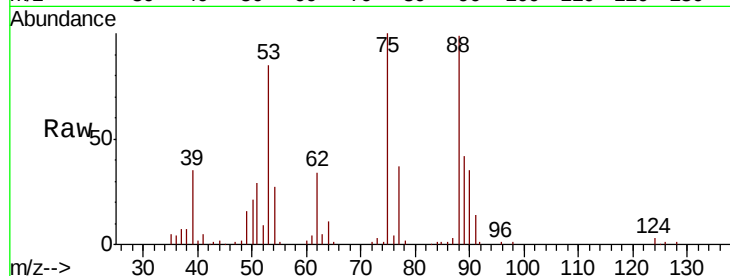
Tot Ion: 75 Resp: 36039

Ion Ratio Lower Upper

75 100

53 87.3 65.4 98.0

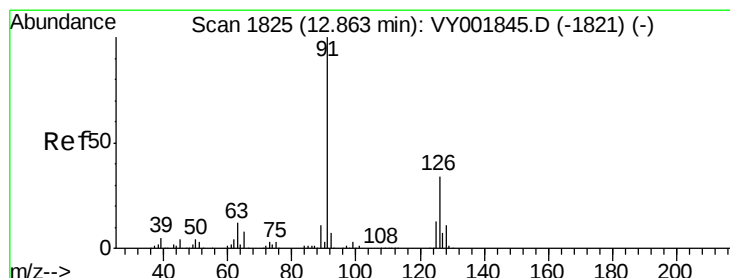
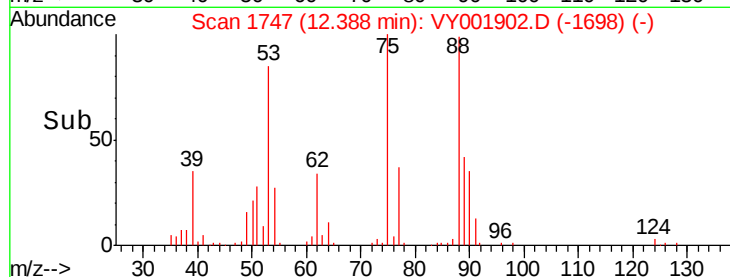
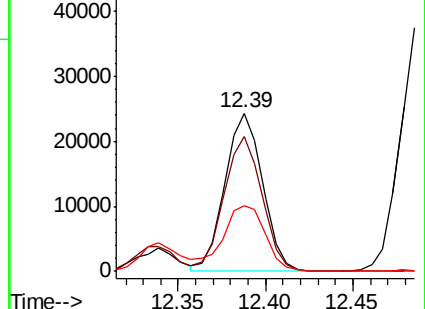
89 47.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1742) (-)

Ion 53.00 (52.70 to 53.70): VY001845.D (-1742) (-)

Ion 88.90 (88.60 to 89.60): VY001845.D (-1742) (-)



#82

4-Chlorotoluene

Concen: 51.654 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001902.D

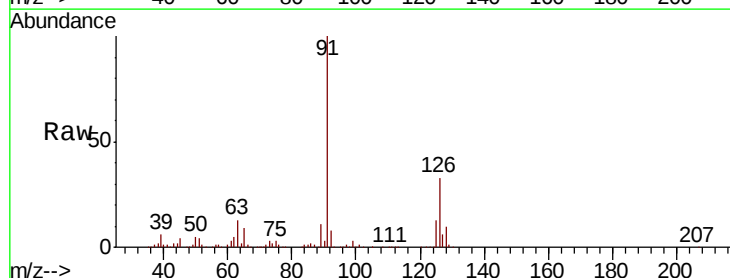
Acq: 06 Mar 2020 16:55

Tgt Ion: 91 Resp: 348526

Ion Ratio Lower Upper

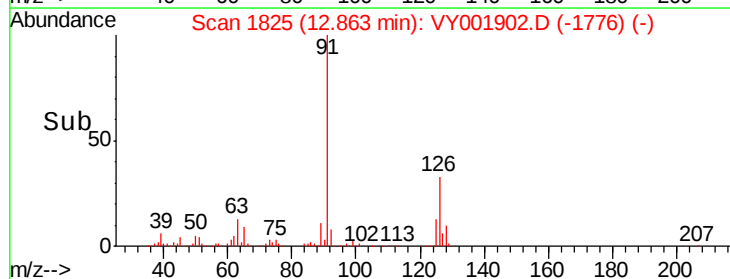
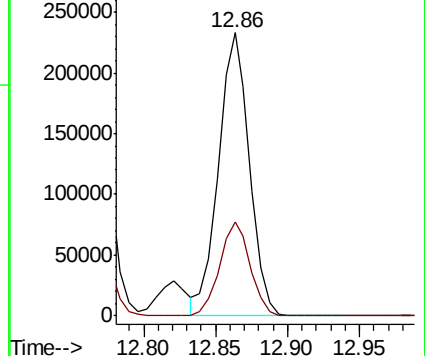
91 100

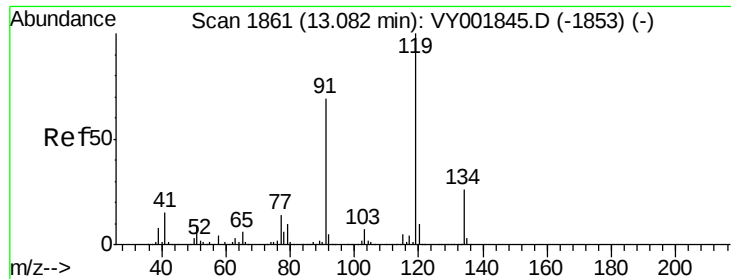
126 32.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1821) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1821) (-)

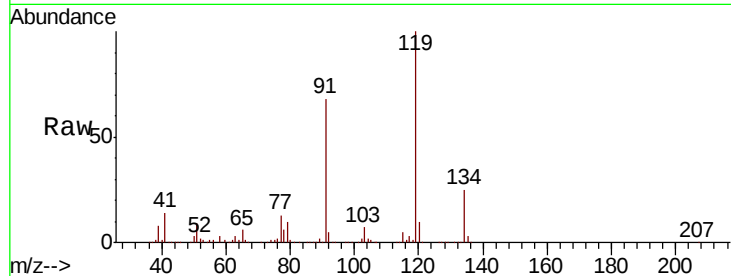




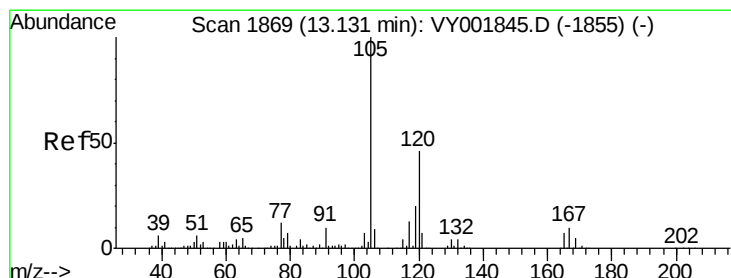
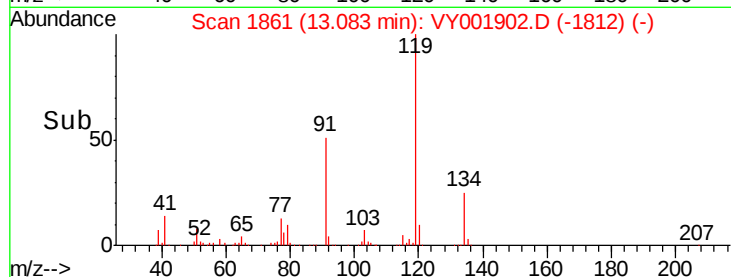
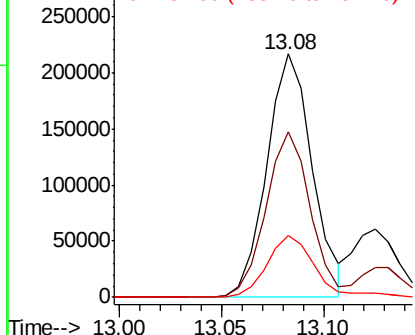
#83
 tert-Butylbenzene
 Concen: 51.870 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:119 Resp: 337201
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.0 101.8
 134 27.0 13.5 40.4

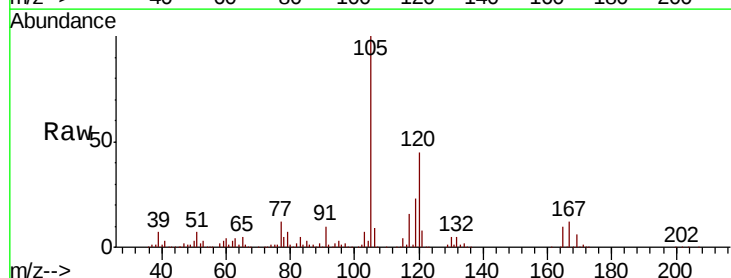


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

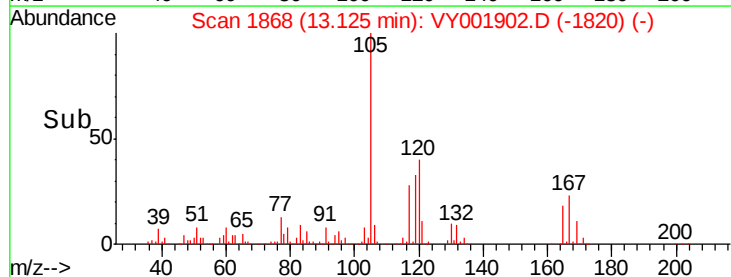
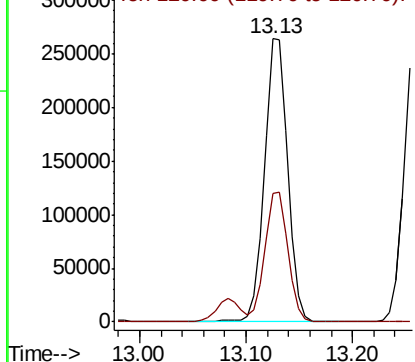


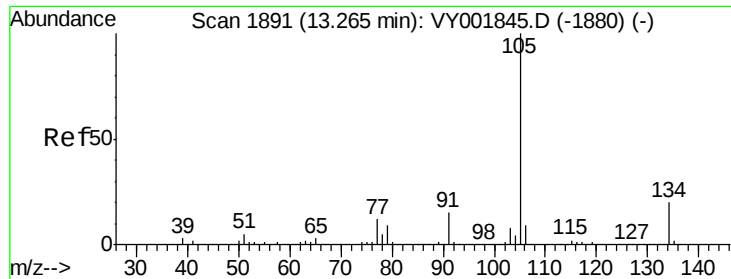
#84
 1,2,4-Trimethylbenzene
 Concen: 52.014 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion:105 Resp: 404027
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 51.802 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

Instrument :

MSVOA_Y

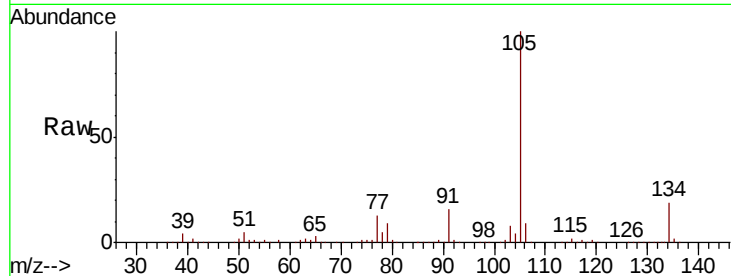
ClientSampleId :

Tot Ion:105 Resp: 496381

Ion Ratio Lower Upper

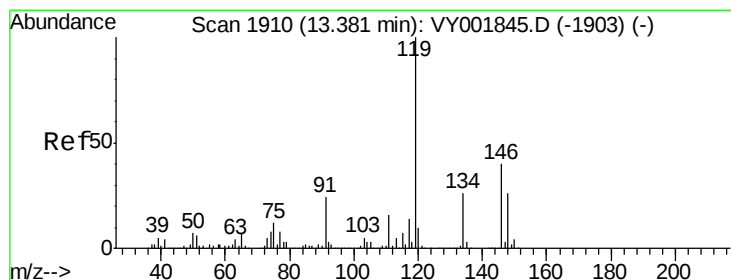
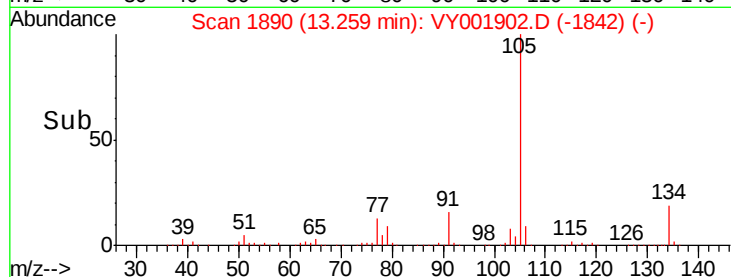
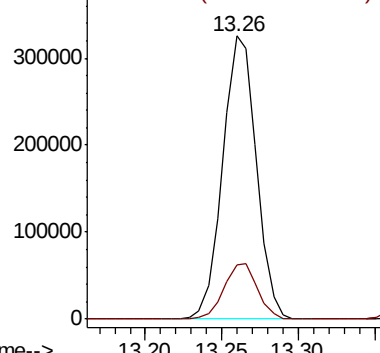
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.930 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001902.D

Acq: 06 Mar 2020 16:55

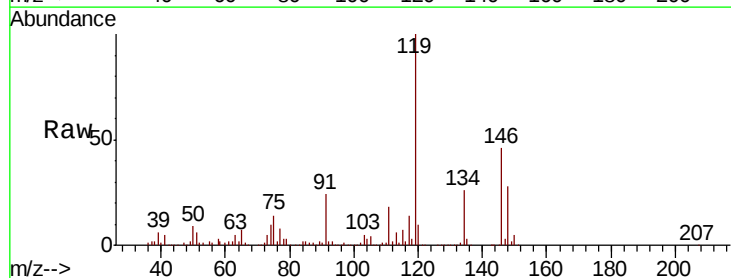
Tgt Ion:119 Resp: 429249

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

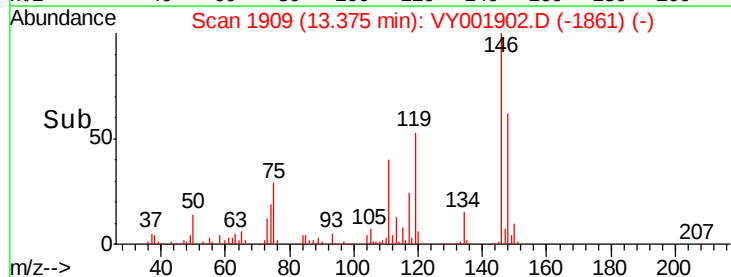
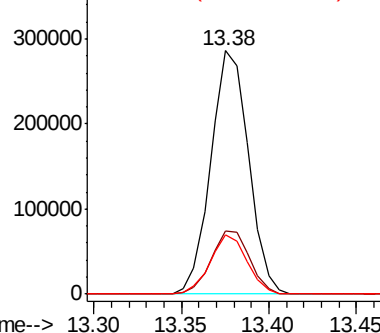
91 23.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

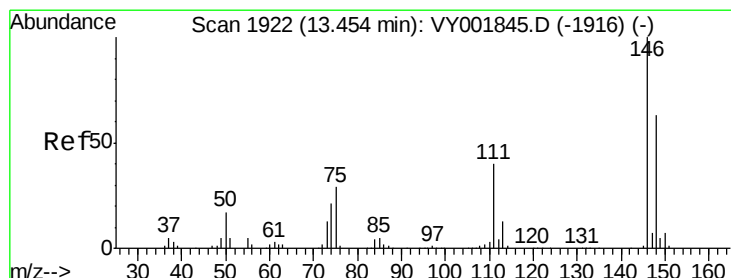
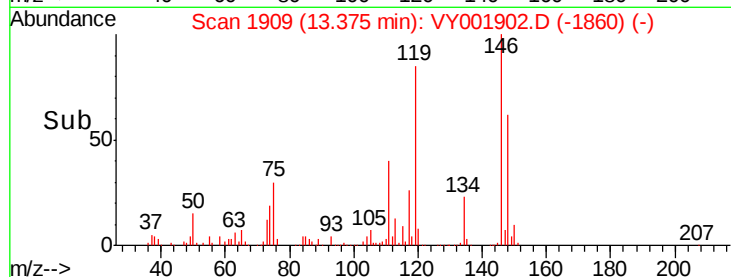
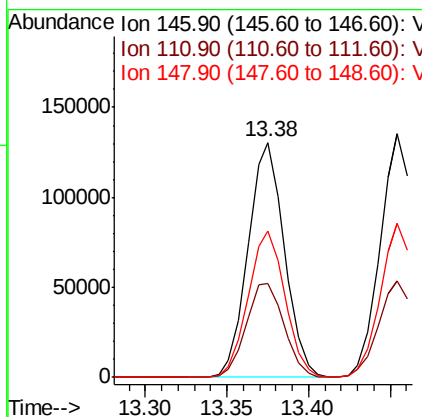
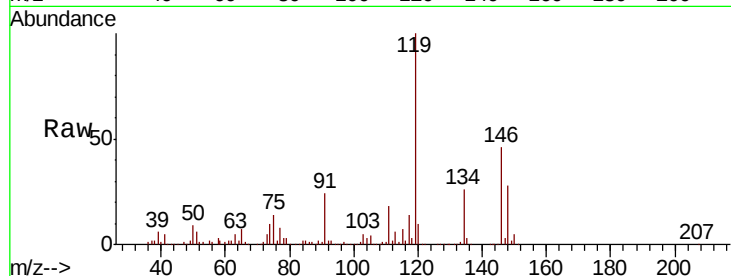




#87
 1,3-Dichlorobenzene
 Concen: 51.131 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

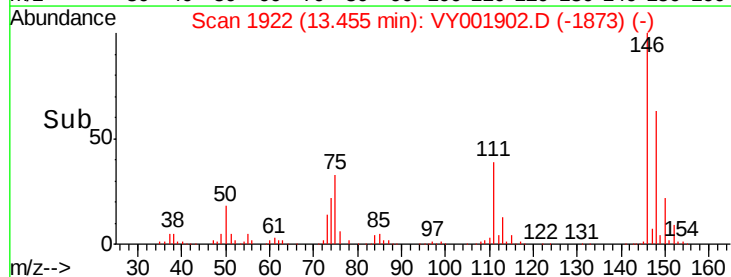
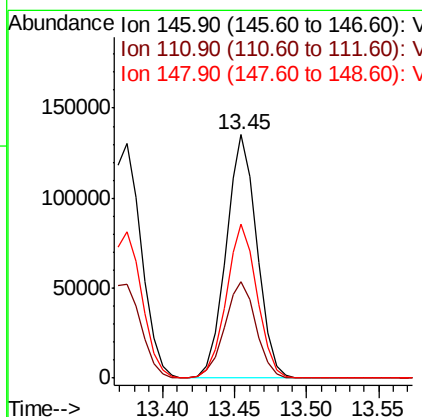
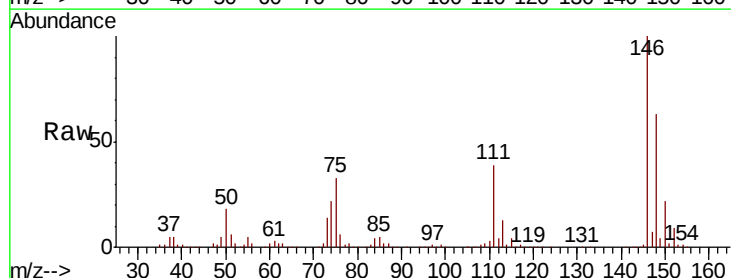
Instrument :
 MSVOA_Y
 ClientSampleId :

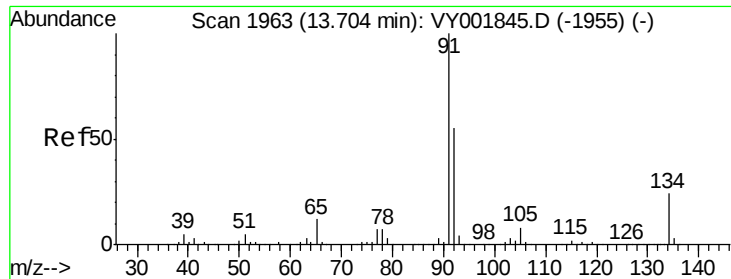
Tot Ion:146 Resp: 201829
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.0 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 50.465 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion:146 Resp: 202088
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 60.0
 148 63.4 31.5 94.5

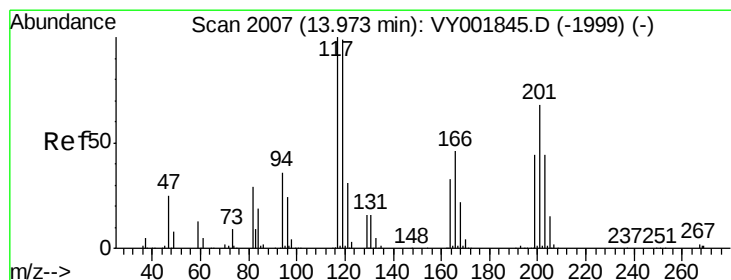
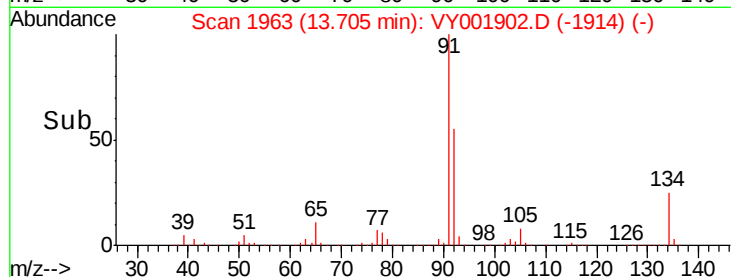
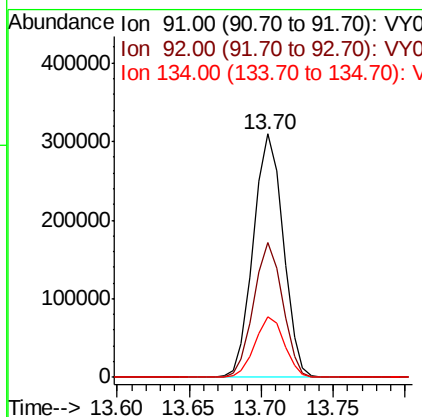
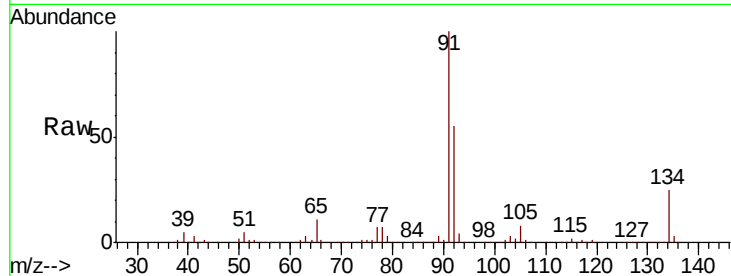




#89
n-Butylbenzene
Concen: 51.798 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

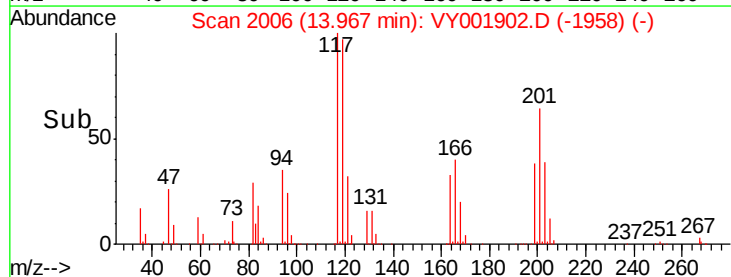
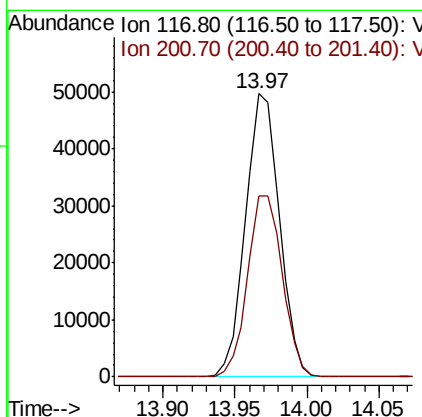
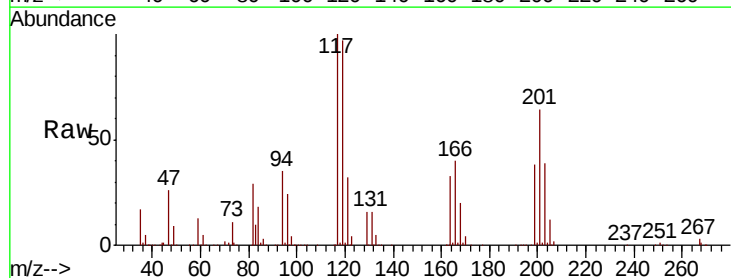
Instrument :
MSVOA_Y
ClientSampled :

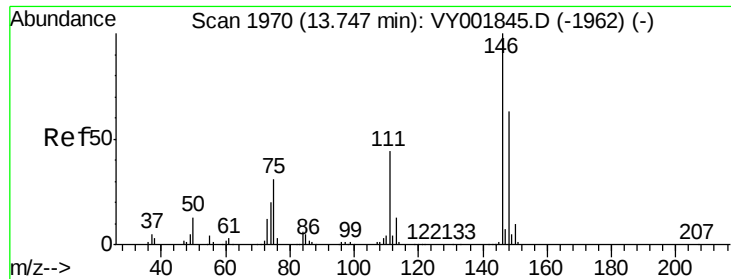
Tot Ion: 91 Resp: 444210
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.4
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 51.967 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion: 117 Resp: 81037
Ion Ratio Lower Upper
117 100
201 65.4 32.5 97.5

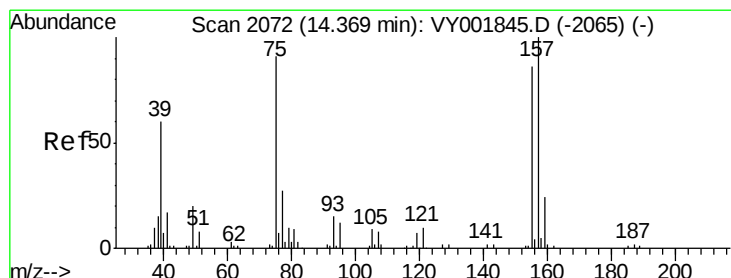
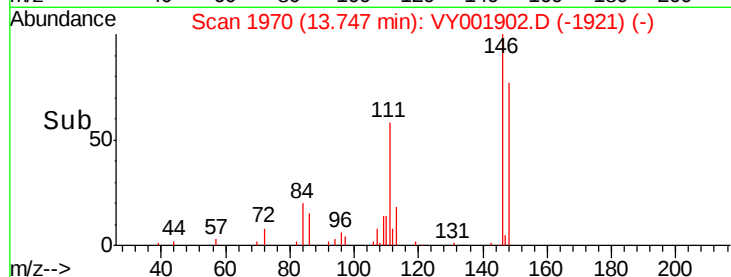
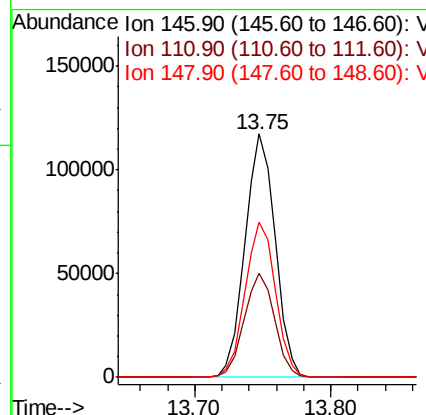
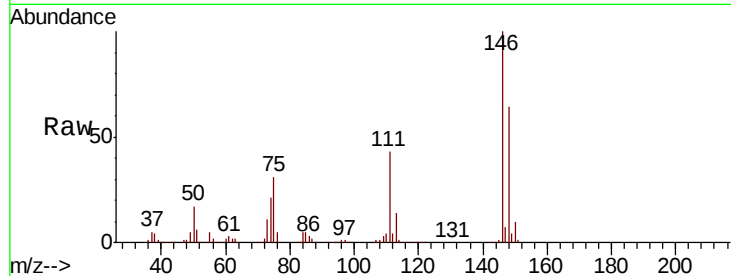




#91
 1,2-Dichlorobenzene
 Concen: 50.852 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

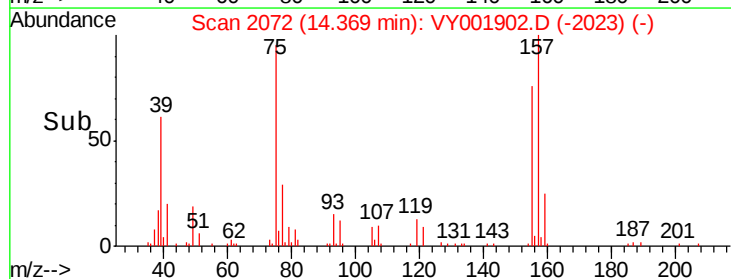
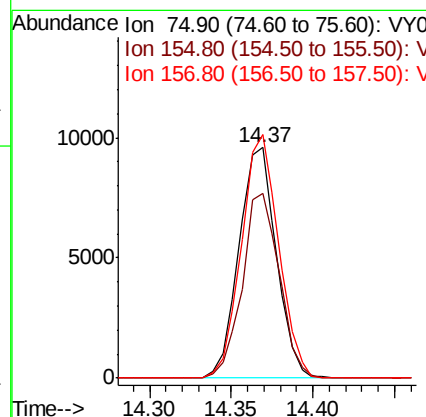
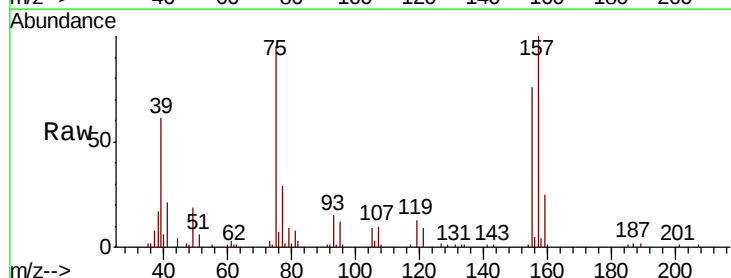
Instrument :
 MSVOA_Y
 ClientSampled :

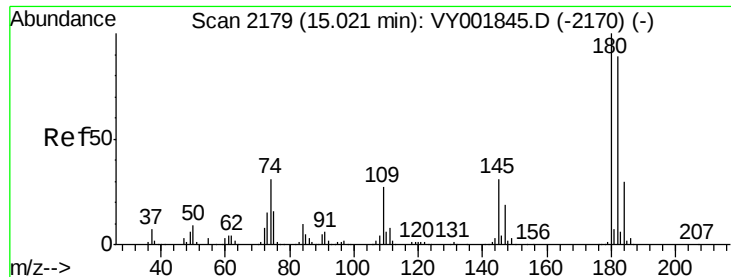
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.841 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	42.9	128.7
157	105.1	53.1	159.4

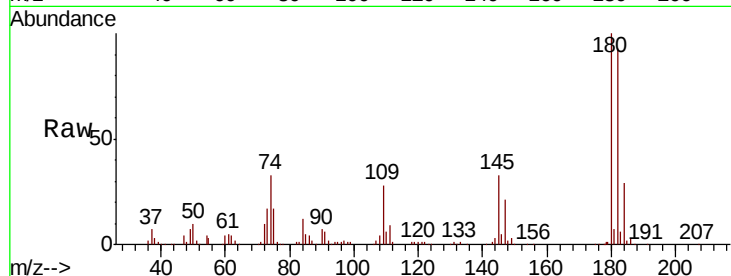




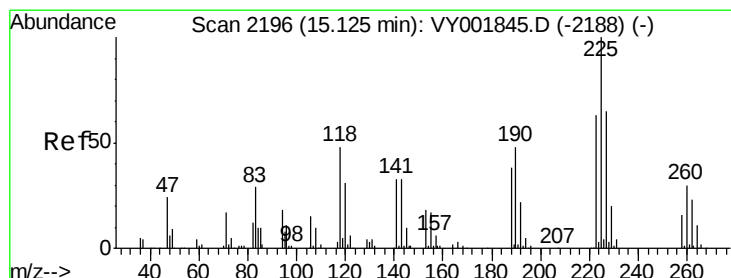
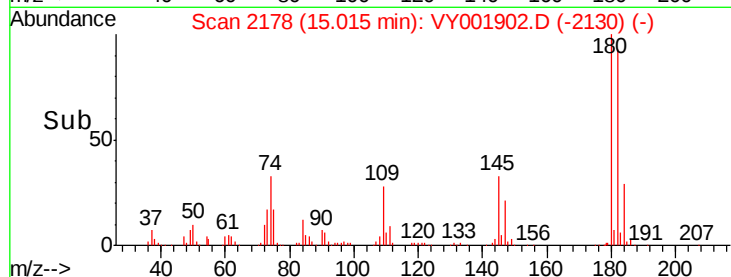
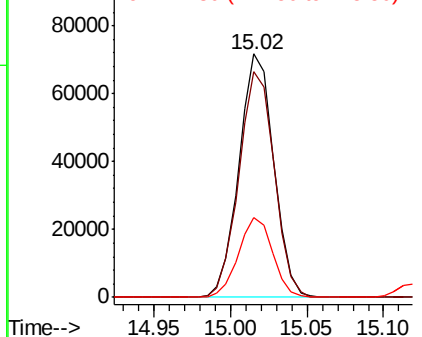
#93
 1,2,4-Trichlorobenzene
 Concen: 48.559 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:180 Resp: 112930
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.1 138.3
 145 32.4 15.6 46.8

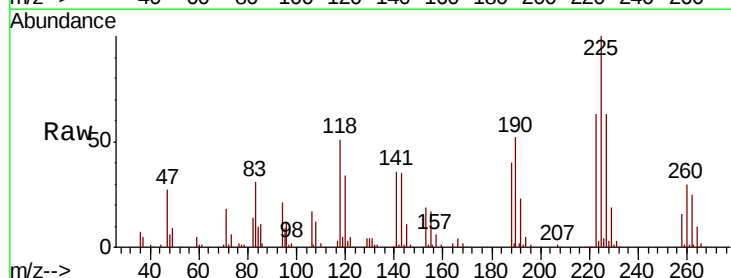


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

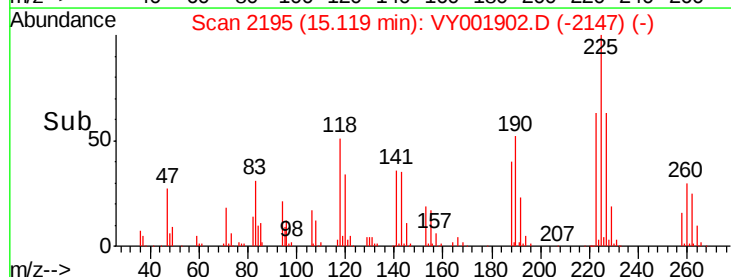
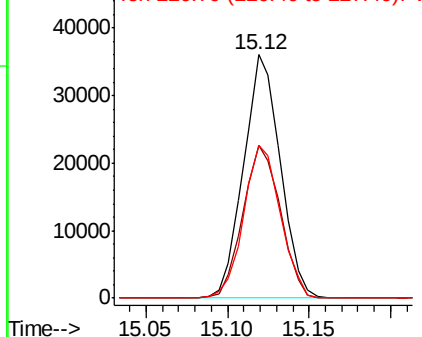


#94
 Hexachlorobutadiene
 Concen: 49.944 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001902.D
 Acq: 06 Mar 2020 16:55

Tgt Ion:225 Resp: 56628
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.5 94.5
 227 62.9 31.9 95.5



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

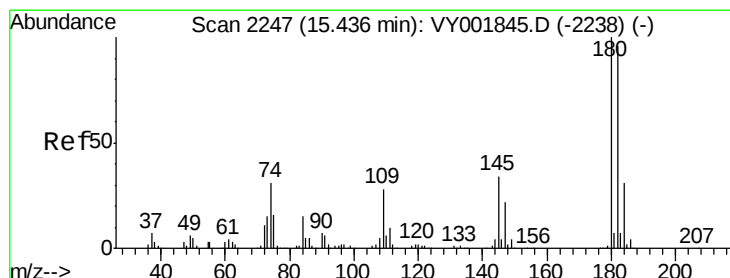
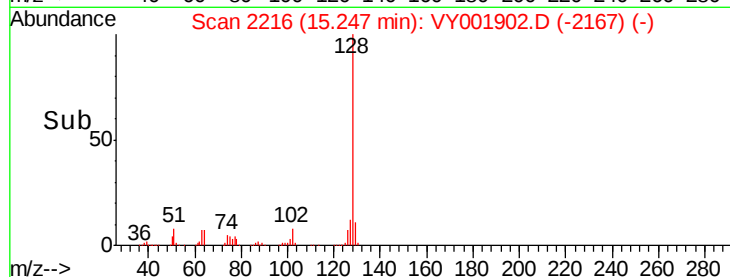
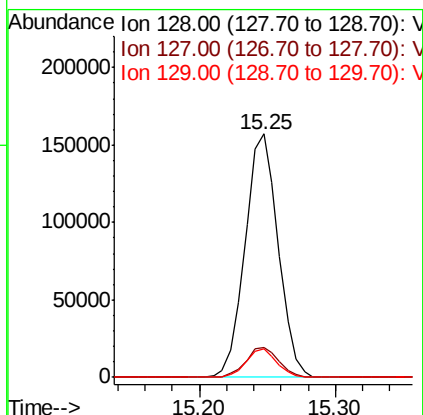
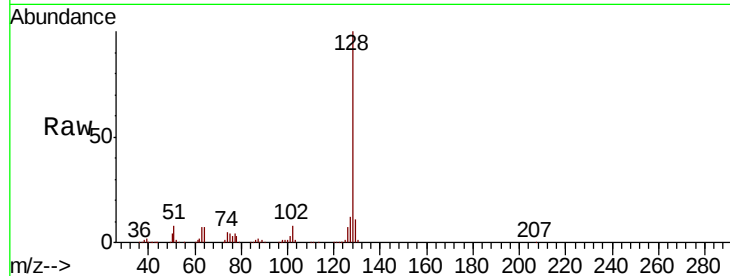




#95
Naphthalene
Concen: 48.341 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 266661
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.386 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001902.D
Acq: 06 Mar 2020 16:55

Tgt Ion:180 Resp: 101177
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 33.5 16.8 50.3

