

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001892.D
 Acq On : 06 Mar 2020 10:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 22:05:35 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	7.81	168	162178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	262063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	118845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89662	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.74	113	82418	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
50) Toluene-d8	10.19	98	348307	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.50	95	119124	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	72707	48.568	ug/l	95
3) Chloromethane	2.13	50	100114	49.603	ug/l	99
4) Vinyl Chloride	2.26	62	104655	50.977	ug/l	99
5) Bromomethane	2.66	94	67680	57.297	ug/l	93
6) Chloroethane	2.81	64	66168	51.308	ug/l	98
7) Trichlorofluoromethane	3.15	101	140158	50.340	ug/l	96
8) Diethyl Ether	3.55	74	56184	51.200	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92028	51.390	ug/l	99
10) Methyl Iodide	4.11	142	107258	51.792	ug/l	100
11) Tert butyl alcohol	4.98	59	44440	246.319	ug/l	100
12) 1,1-Dichloroethene	3.90	96	93011	51.583	ug/l	95
13) Acrolein	3.75	56	57890	237.940	ug/l	93
14) Allyl chloride	4.50	41	167123	52.281	ug/l	100
15) Acrylonitrile	5.19	53	151406	258.202	ug/l	99
16) Acetone	3.97	43	148043	293.576	ug/l	93
17) Carbon Disulfide	4.22	76	308477	50.892	ug/l	99
18) Methyl Acetate	4.50	43	64628	49.879	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	252378	51.650	ug/l	98
20) Methylene Chloride	4.74	84	105477	48.804	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	103656	50.648	ug/l	99
22) Diisopropyl ether	6.14	45	339098	51.751	ug/l	97
23) Vinyl Acetate	6.09	43	1129903	263.038	ug/l	98
24) 1,1-Dichloroethane	6.05	63	183387	51.682	ug/l	99
25) 2-Butanone	7.01	43	207708	270.853	ug/l	99
26) 2,2-Dichloropropane	7.00	77	152288	52.290	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	113547	51.004	ug/l	99
28) Bromochloromethane	7.36	49	85954	53.741	ug/l	100
29) Tetrahydrofuran	7.37	42	128066	251.481	ug/l	100
30) Chloroform	7.53	83	170950	51.278	ug/l	99
31) Cyclohexane	7.80	56	187244	49.215	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	144893	51.566	ug/l	98
36) 1,1-Dichloropropene	7.94	75	146738	51.890	ug/l	100
37) Ethyl Acetate	7.10	43	86832	52.832	ug/l	99
38) Carbon Tetrachloride	7.93	117	124361	51.480	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	193833	51.680	ug/l	99
40) Benzene	8.18	78	433219	51.686	ug/l	99
41) Methacrylonitrile	7.36	41	114164	154.346	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	111482	51.616	ug/l	100
43) Isopropyl Acetate	8.29	43	162540	52.235	ug/l	98
44) Trichloroethene	8.96	130	105057	51.465	ug/l	98
45) 1,2-Dichloropropane	9.24	63	108867	51.669	ug/l	99
46) Dibromomethane	9.32	93	56444	51.983	ug/l	98
47) Bromodichloromethane	9.52	83	132026	52.271	ug/l	99
48) Methyl methacrylate	9.31	41	73393	53.154	ug/l	98
49) 1,4-Dioxane	9.31	88	13845	930.557	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	431749	269.380	ug/l	99
52) Toluene	10.26	92	262813	51.615	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	146104	53.094	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172458	52.645	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82677	52.029	ug/l	99
56) Ethyl methacrylate	10.52	69	123318	52.945	ug/l	99
57) 1,3-Dichloropropane	10.81	76	146458	51.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	214196	264.994	ug/l	99
59) 2-Hexanone	10.85	43	305419	266.982	ug/l	100
60) Dibromochloromethane	11.00	129	88277	52.720	ug/l	100
61) 1,2-Dibromoethane	11.10	107	77734	51.643	ug/l	99
64) Tetrachloroethene	10.74	164	83147	50.593	ug/l	96
65) Chlorobenzene	11.53	112	267839	51.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	90874	53.069	ug/l	100
67) Ethyl Benzene	11.61	91	503383	51.690	ug/l	99
68) m/p-Xylenes	11.72	106	375092	104.180	ug/l	100
69) o-Xylene	12.04	106	175103	51.600	ug/l	100
70) Styrene	12.06	104	307676	52.937	ug/l	99
71) Bromoform	12.22	173	50890	54.800	ug/l #	99
73) Isopropylbenzene	12.35	105	472630	52.096	ug/l	99
74) N-amyl acetate	12.16	43	146325	52.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	102709	52.498	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	132747	94.135	ug/l #	100
77) Bromobenzene	12.63	156	102105	53.120	ug/l	96
78) n-propylbenzene	12.69	91	585795	52.338	ug/l	100
79) 2-Chlorotoluene	12.77	91	318775	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	390768	52.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38195	54.711	ug/l	99
82) 4-Chlorotoluene	12.87	91	338044	52.504	ug/l	99
83) tert-Butylbenzene	13.09	119	328082	52.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	385538	52.015	ug/l	100
85) sec-Butylbenzene	13.27	105	485052	53.048	ug/l	99
86) p-Isopropyltoluene	13.38	119	413460	52.419	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	192763	51.177	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	194806	50.981	ug/l	100
89) n-Butylbenzene	13.71	91	425625	52.011	ug/l	99
90) Hexachloroethane	13.97	117	78516	52.766	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	177939	52.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	16205	53.081	ug/l	95

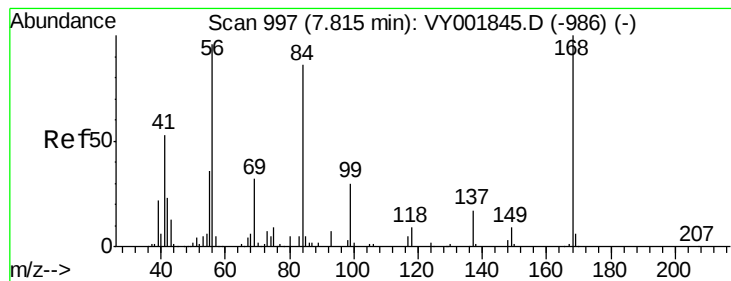
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111660	50.316	ug/l	99
94) Hexachlorobutadiene	15.13	225	55415	51.219	ug/l	99
95) Naphthalene	15.25	128	265536	50.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99714	51.006	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

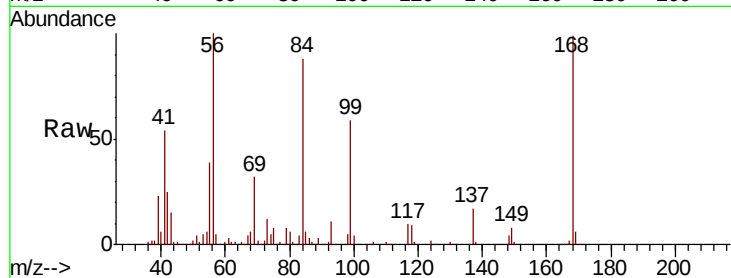
ClientSampleId :

Tot Ion:168 Resp: 162178

Ion Ratio Lower Upper

168 100

99 59.9 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

80000

60000

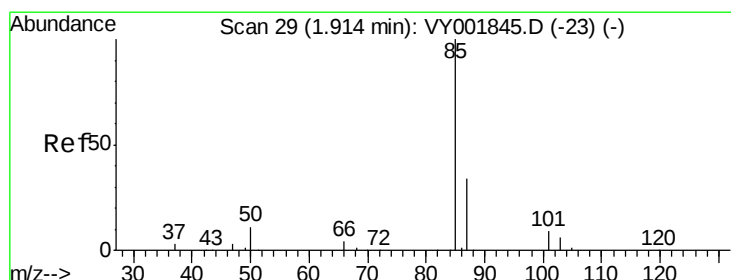
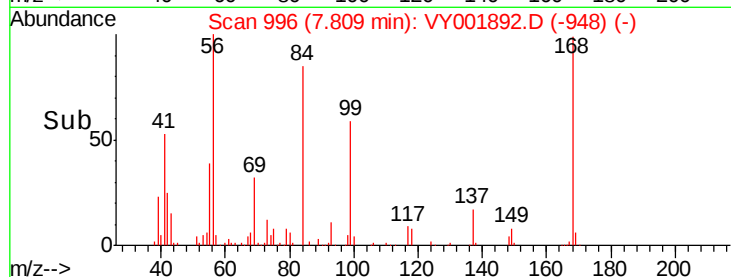
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.568 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001892.D

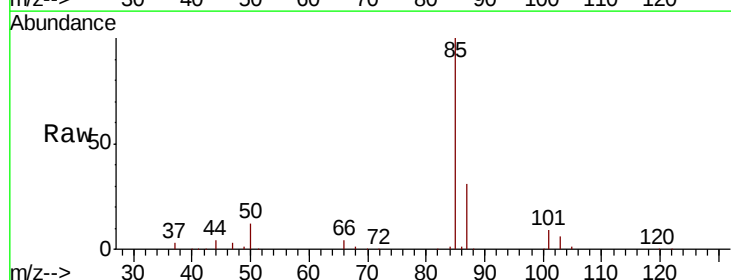
Acq: 06 Mar 2020 10:33

Tgt Ion: 85 Resp: 72707

Ion Ratio Lower Upper

85 100

87 30.8 16.8 50.4



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

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

60000

50000

40000

30000

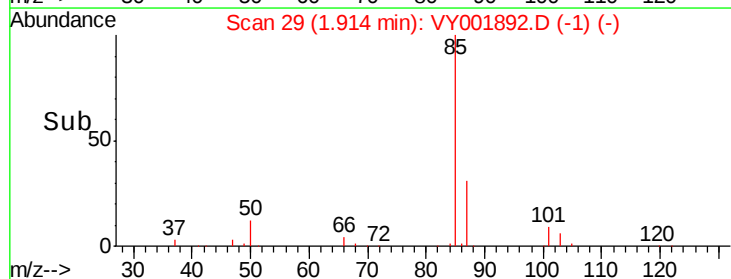
20000

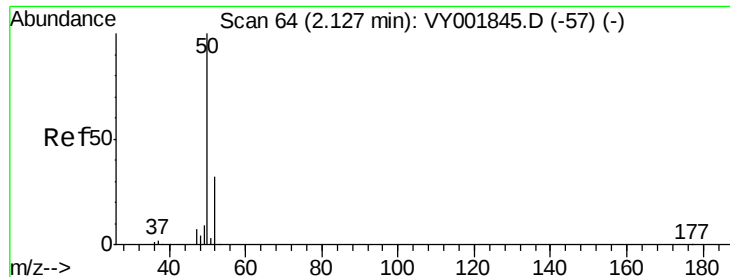
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.603 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

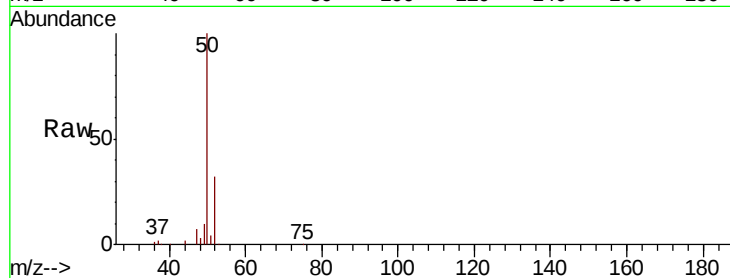
ClientSampleId :

Tot Ion: 50 Resp: 100114

Ion Ratio Lower Upper

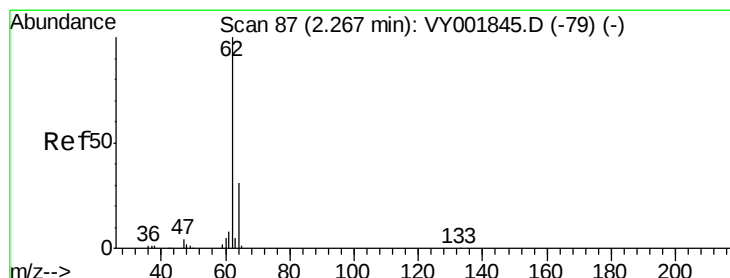
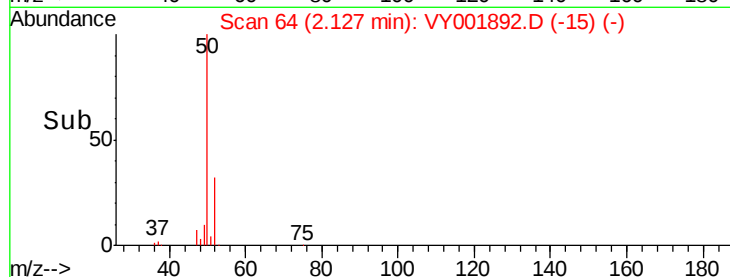
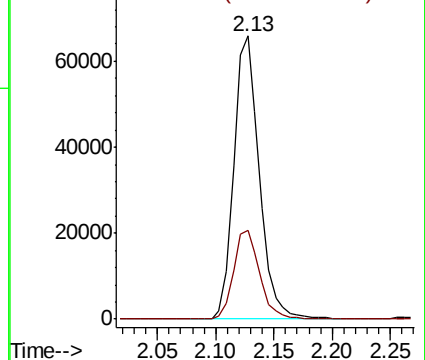
50 100

52 31.6 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: 50.977 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001892.D

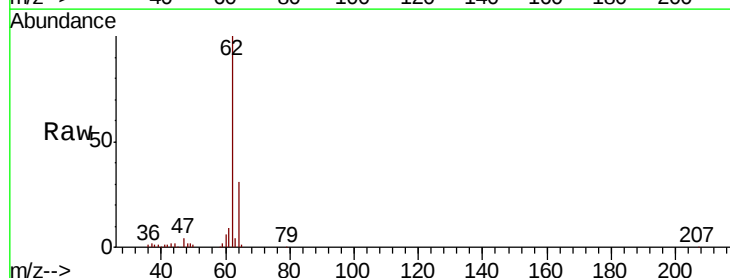
Acq: 06 Mar 2020 10:33

Tgt Ion: 62 Resp: 104655

Ion Ratio Lower Upper

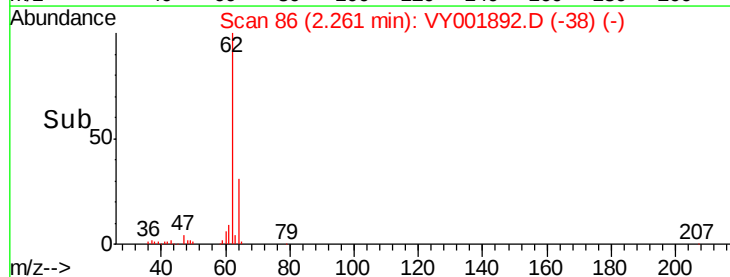
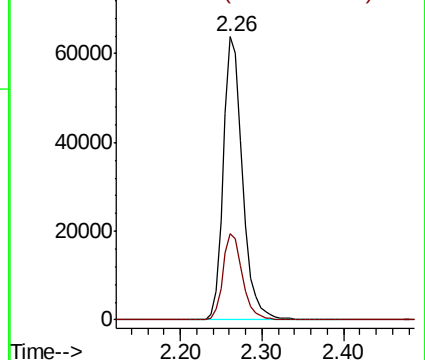
62 100

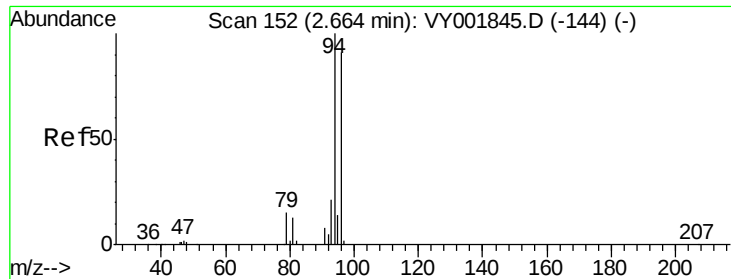
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 57.297 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

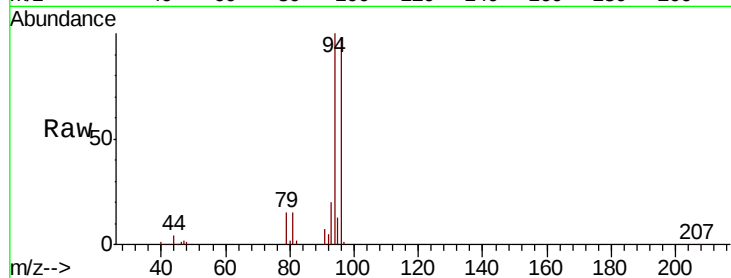
ClientSampled :

Tot Ion: 94 Resp: 67680

Ion Ratio Lower Upper

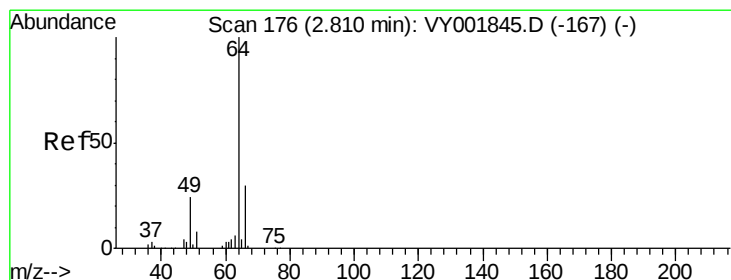
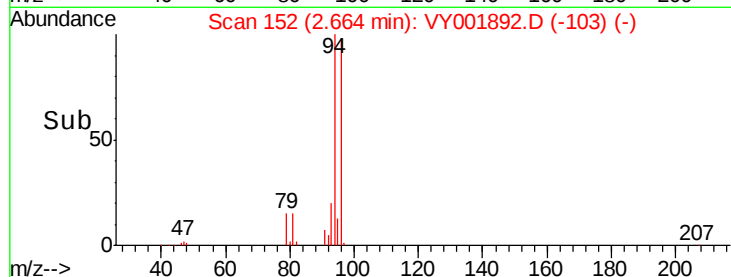
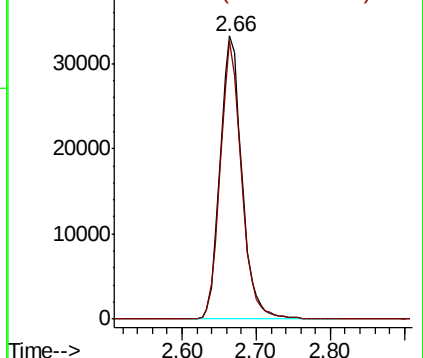
94 100

96 98.3 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: 51.308 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001892.D

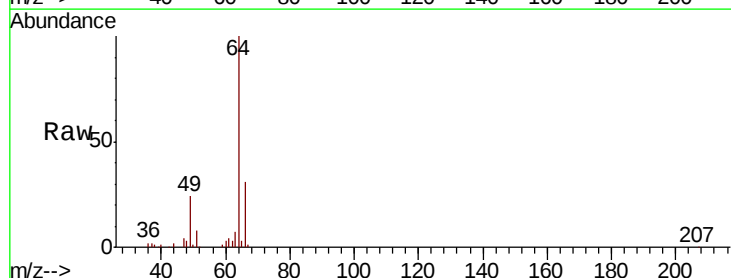
Acq: 06 Mar 2020 10:33

Tgt Ion: 64 Resp: 66168

Ion Ratio Lower Upper

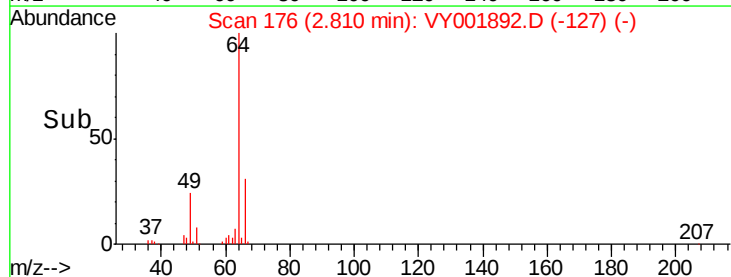
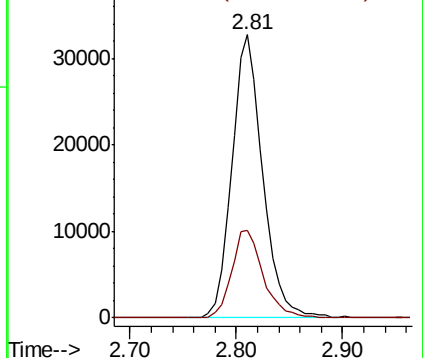
64 100

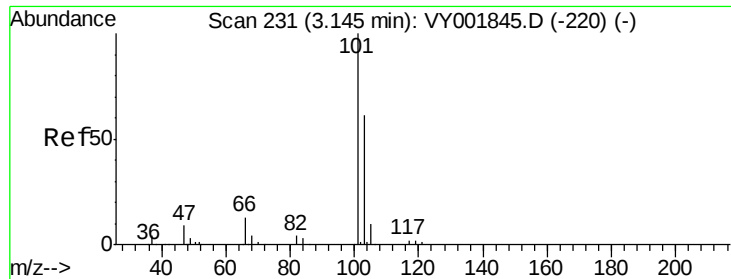
66 31.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



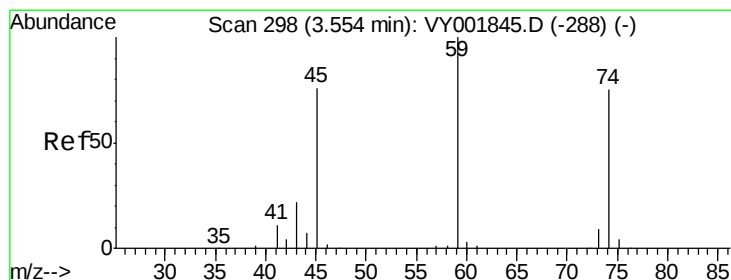
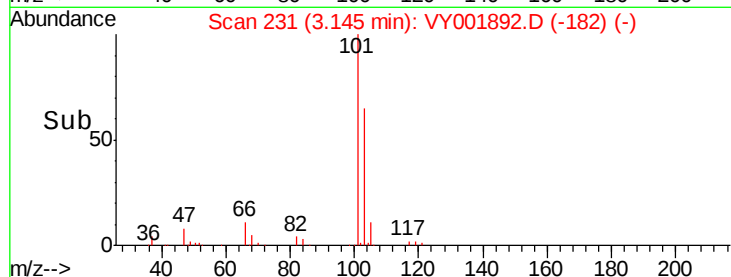
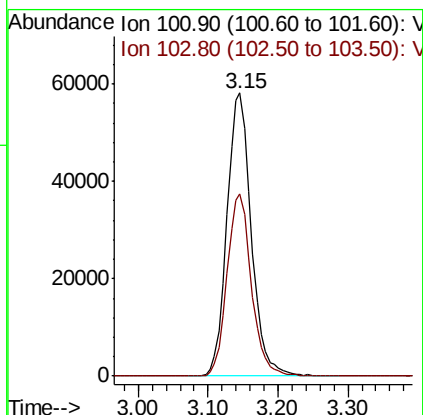
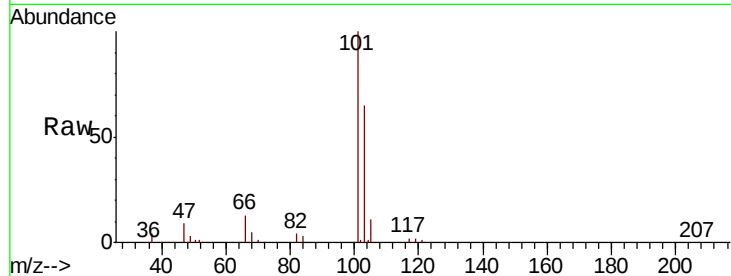


#7

Trichlorofluoromethane
Concen: 50.340 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

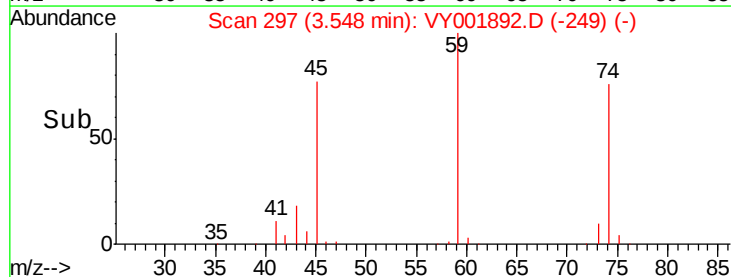
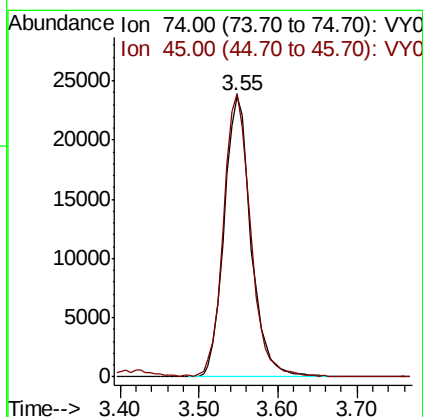
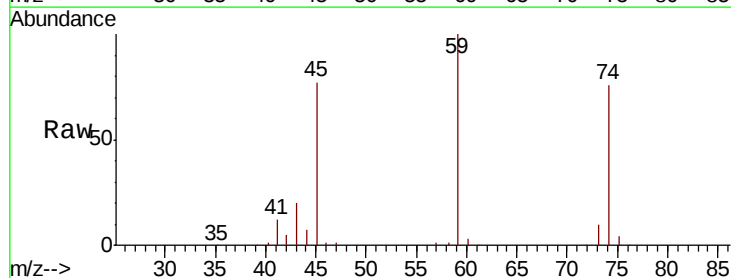
Tot Ion:101 Resp: 140158
Ion Ratio Lower Upper
101 100
103 64.6 49.1 73.7



#8

Diethyl Ether
Concen: 51.200 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 74 Resp: 56184
Ion Ratio Lower Upper
74 100
45 102.2 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.390 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

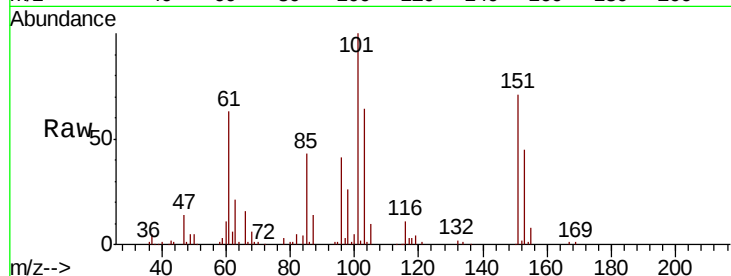
Tot Ion:101 Resp: 92028

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

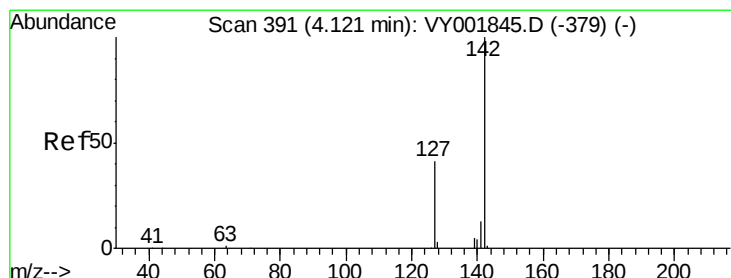
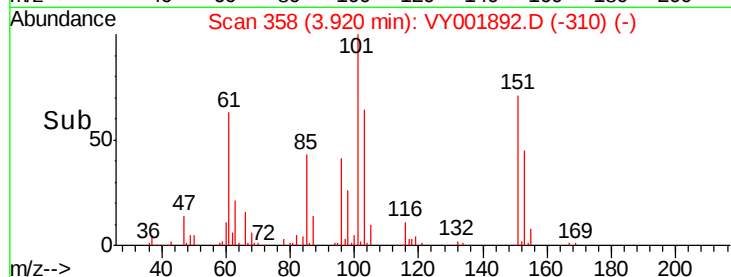
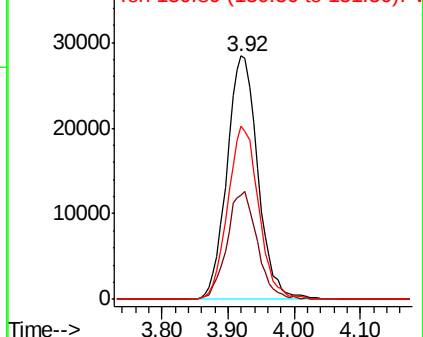
151 71.1 57.0 85.4



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: 51.792 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

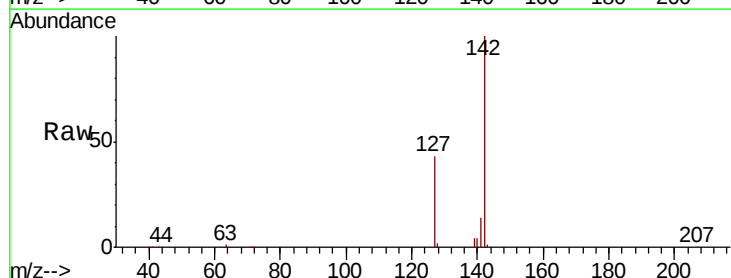
Tgt Ion:142 Resp: 107258

Ion Ratio Lower Upper

142 100

127 41.0 32.7 49.1

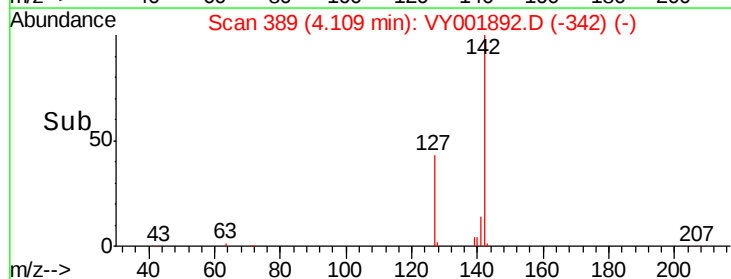
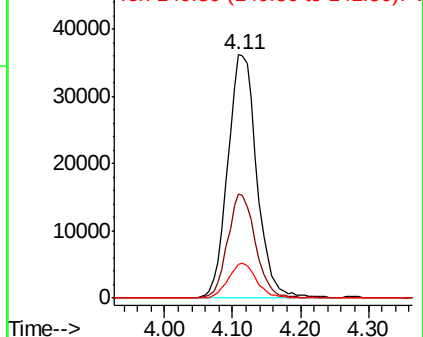
141 13.9 11.0 16.6

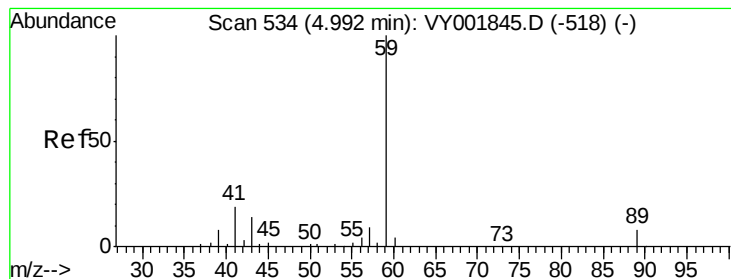


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



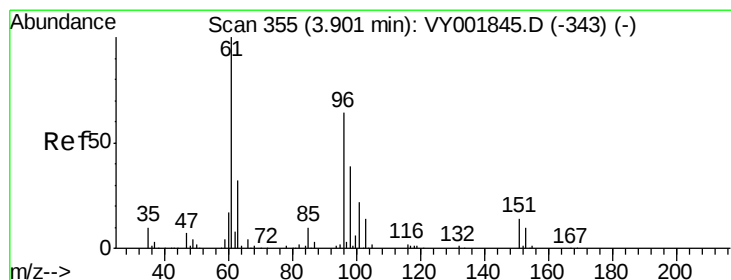
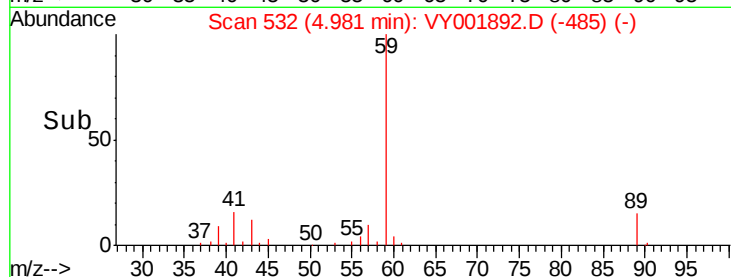
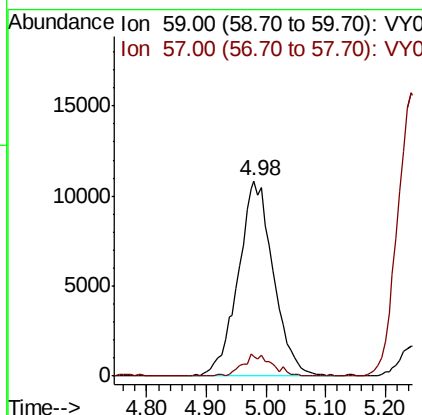
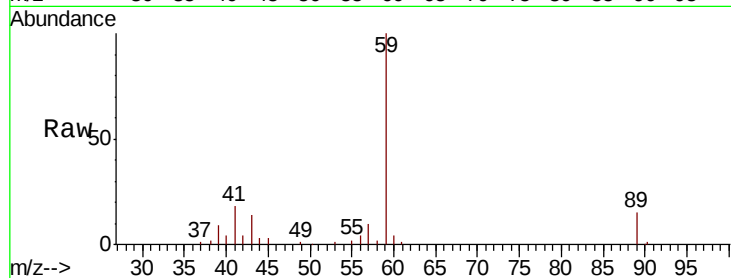


#11

Tert butyl alcohol
 Concen: 246.319 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampled :

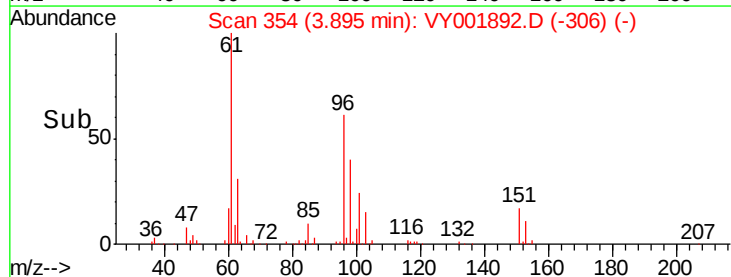
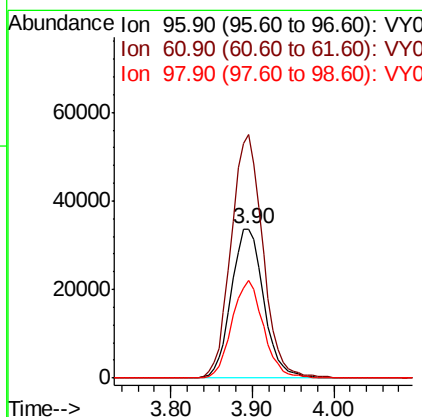
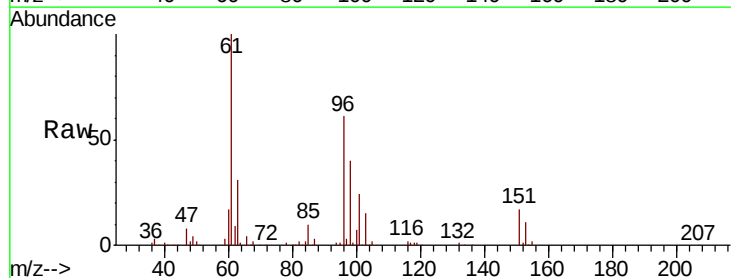
Tot Ion: 59 Resp: 44440
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.4 11.2

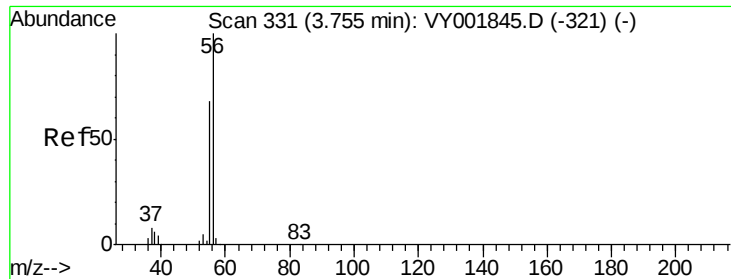


#12

1,1-Dichloroethene
 Concen: 51.583 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 96 Resp: 93011
 Ion Ratio Lower Upper
 96 100
 61 163.1 124.8 187.2
 98 65.5 49.2 73.8

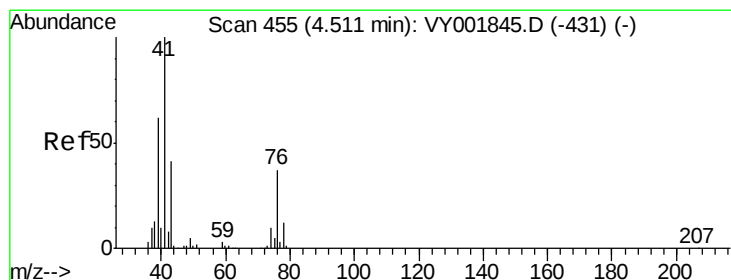
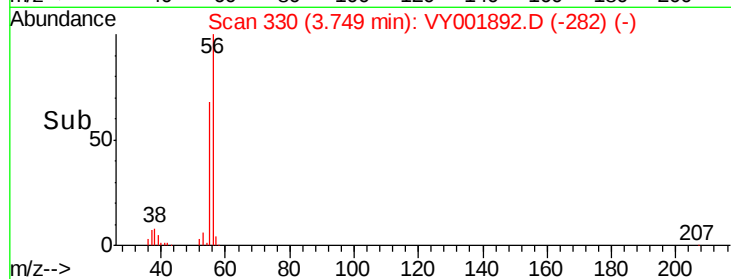
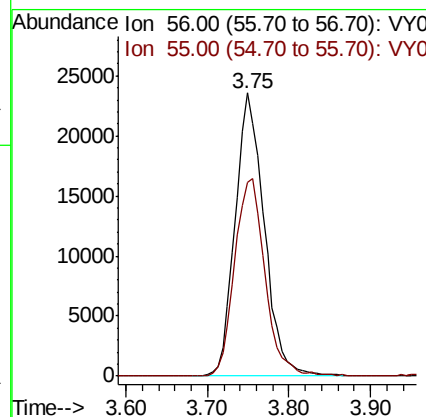
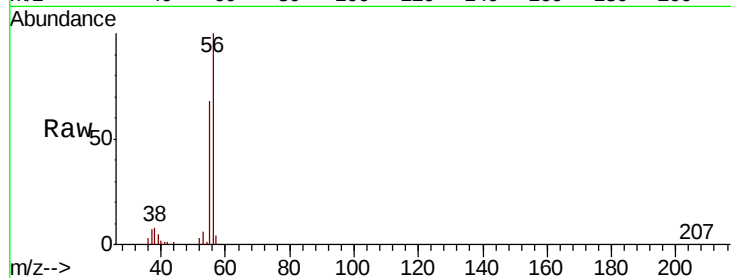




#13
 Acrolein
 Concen: 237.940 ug/l
 RT: 3.75 min Scan# 330
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

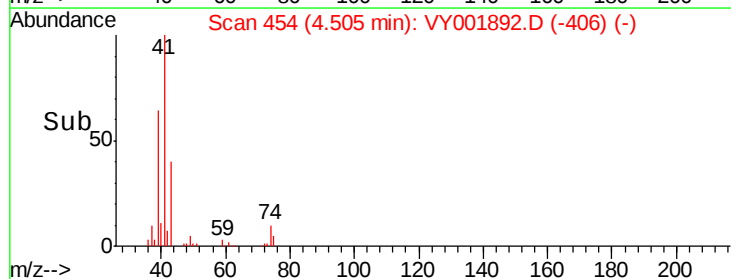
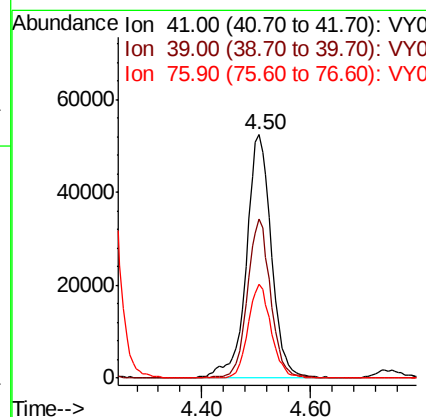
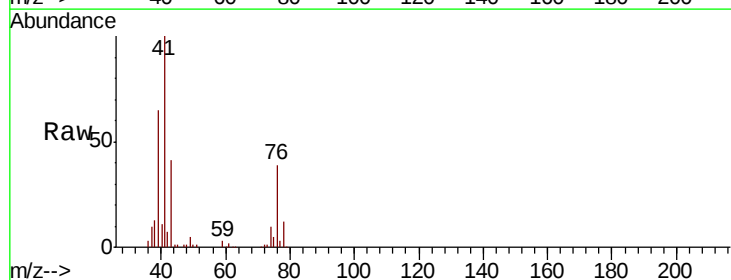
Instrument :
 MSVOA_Y
 ClientSampled :

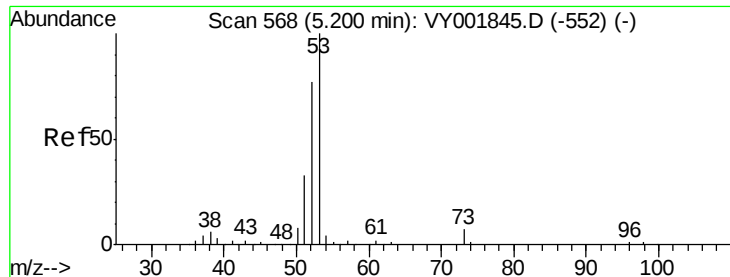
Tot Ion: 56 Resp: 57890
 Ion Ratio Lower Upper
 56 100
 55 73.0 54.0 81.0



#14
 Allyl chloride
 Concen: 52.281 ug/l
 RT: 4.50 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 41 Resp: 167123
 Ion Ratio Lower Upper
 41 100
 39 61.1 49.0 73.6
 76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 258.202 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampled :

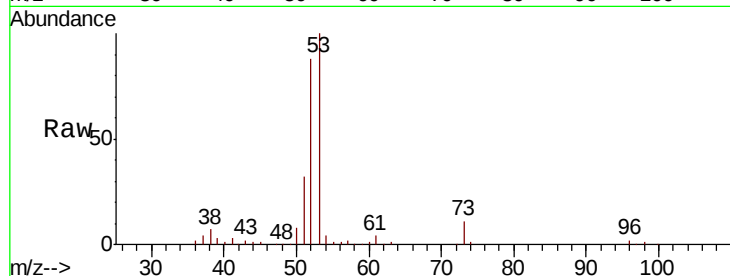
Tot Ion: 53 Resp: 151406

Ion Ratio Lower Upper

53 100

52 80.9 65.1 97.7

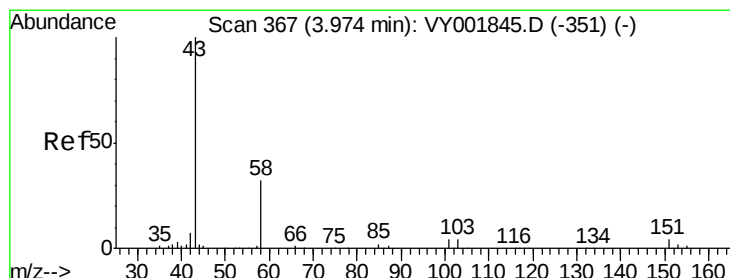
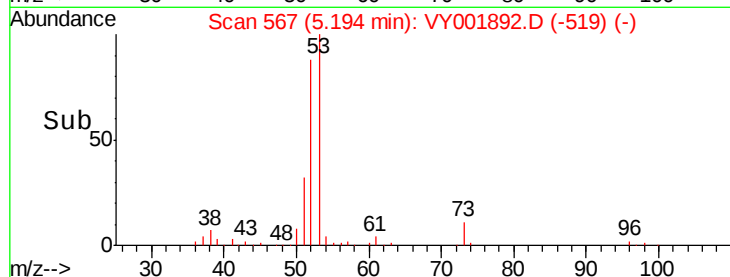
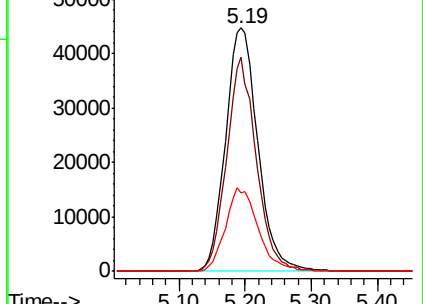
51 34.8 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY001892.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY001892.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY001892.D (-519) (-)



#16

Acetone

Concen: 293.576 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001892.D

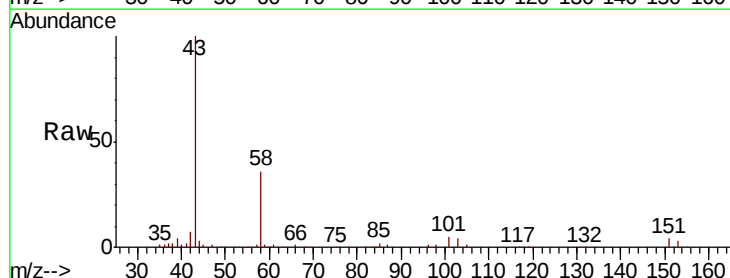
Acq: 06 Mar 2020 10:33

Tgt Ion: 43 Resp: 148043

Ion Ratio Lower Upper

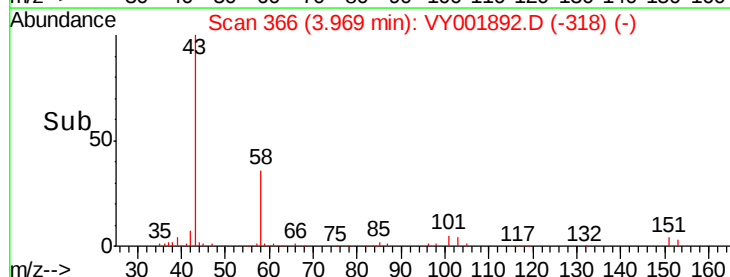
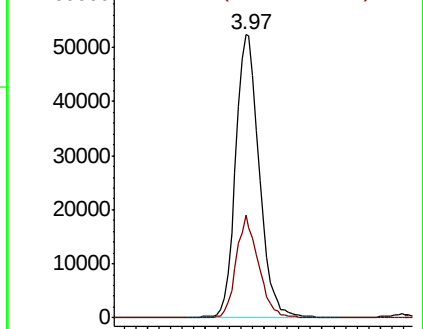
43 100

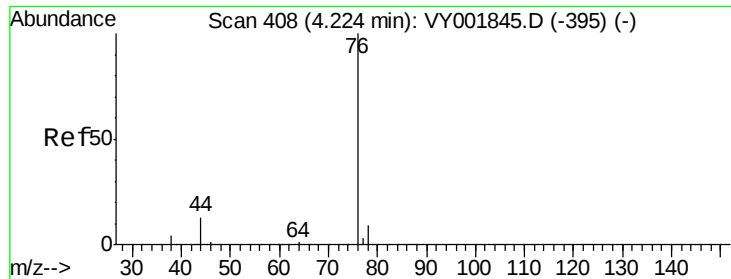
58 36.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001892.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001892.D (-318) (-)

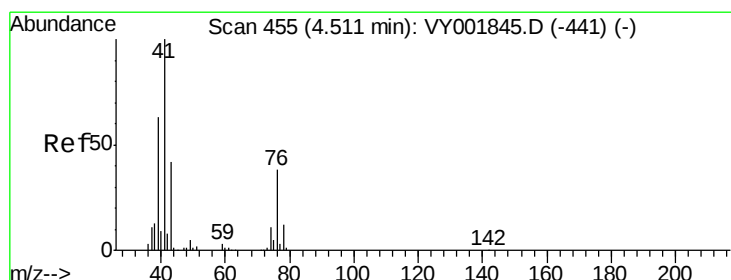
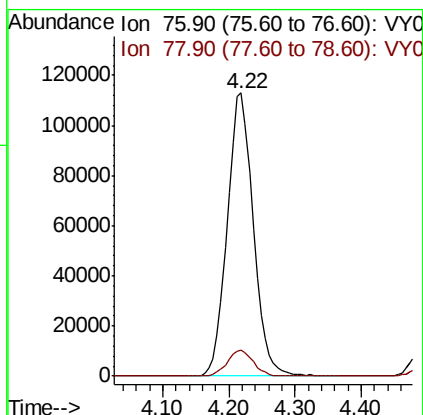
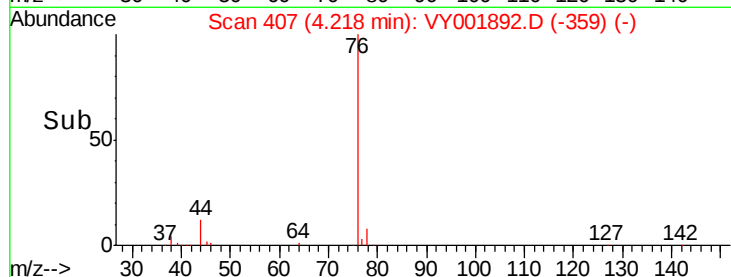
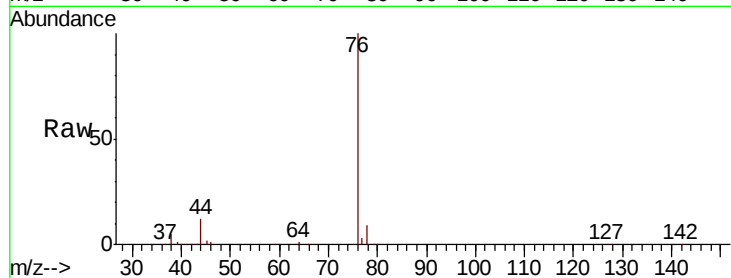




#17
Carbon Disulfide
Concen: 50.892 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

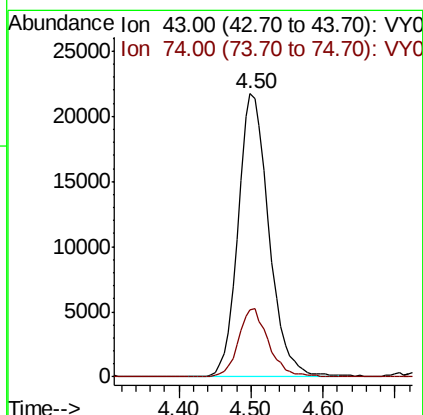
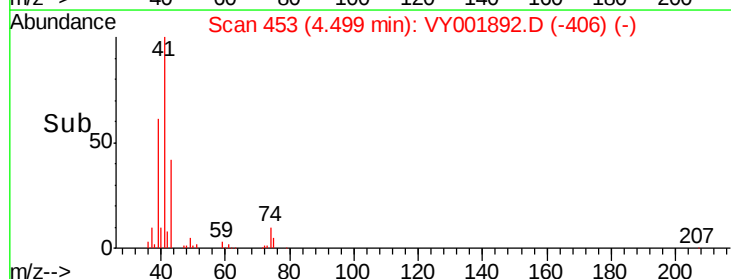
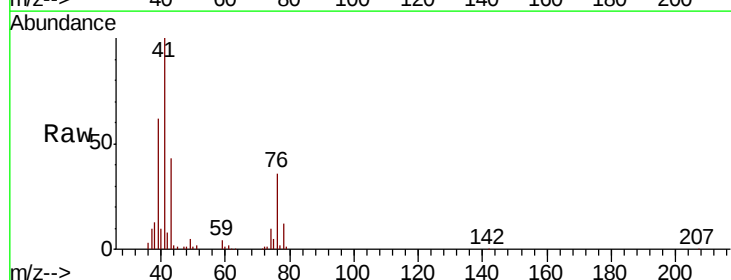
Instrument :
MSVOA_Y
ClientSampleId :

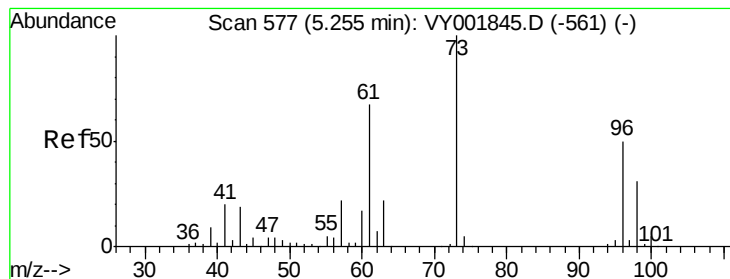
Tot Ion: 76 Resp: 308477
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 49.879 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 43 Resp: 64628
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



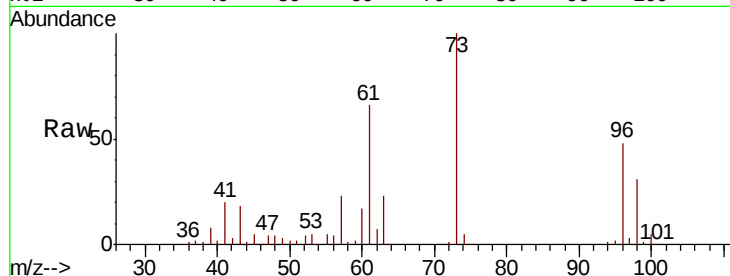


#19

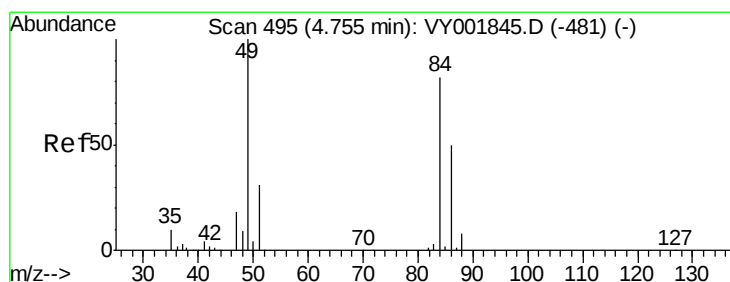
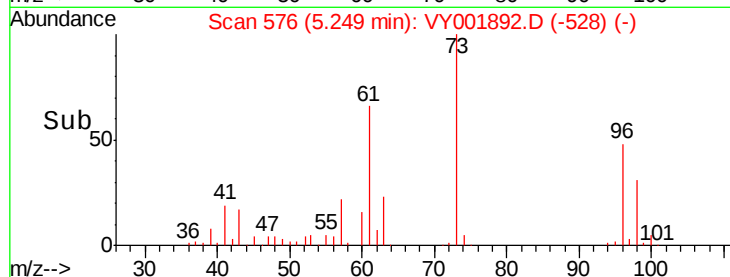
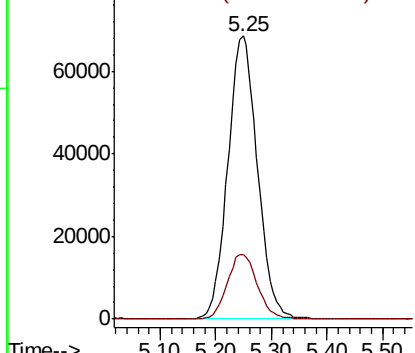
Methyl tert-butyl Ether
 Concen: 51.650 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 252378
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.4 26.2



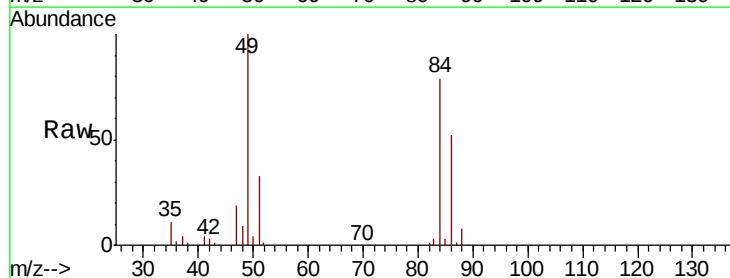
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



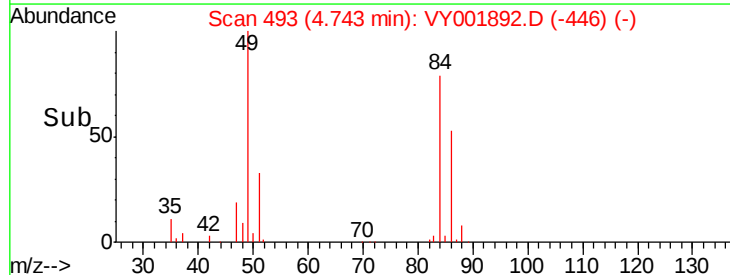
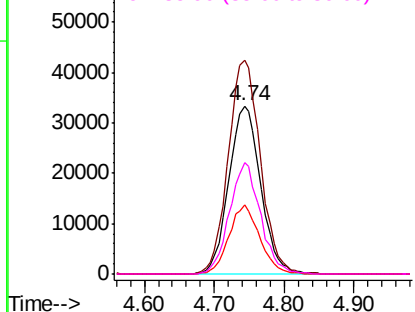
#20

Methylene Chloride
 Concen: 48.804 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 84 Resp: 105477
 Ion Ratio Lower Upper
 84 100
 49 127.1 98.2 147.2
 51 41.4 30.2 45.2
 86 66.6 48.9 73.3



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





#21

trans-1,2-Dichloroethene

Concen: 50.648 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

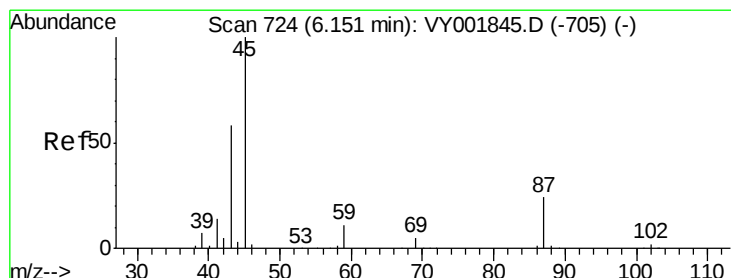
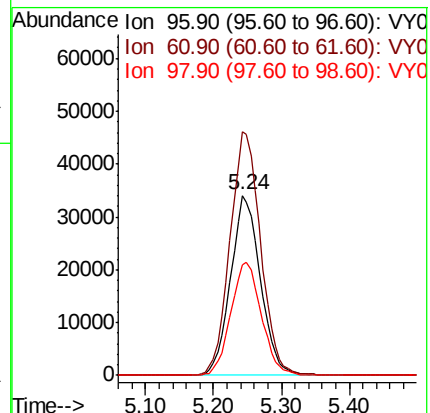
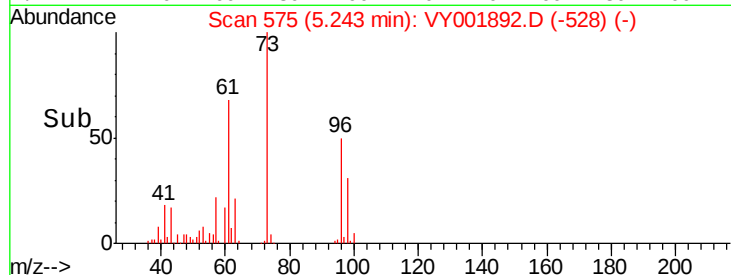
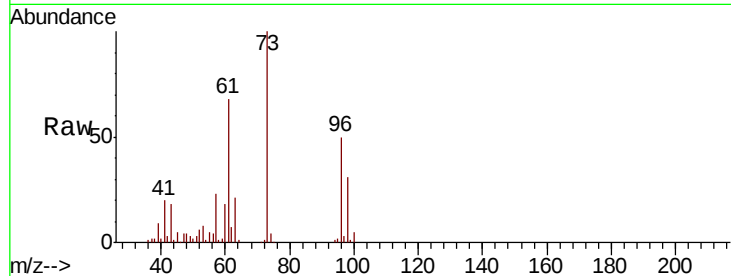
Tot Ion: 96 Resp: 103656

Ion Ratio Lower Upper

96 100

61 135.5 107.7 161.5

98 61.4 49.3 73.9



#22

Diisopropyl ether

Concen: 51.751 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion: 45 Resp: 339098

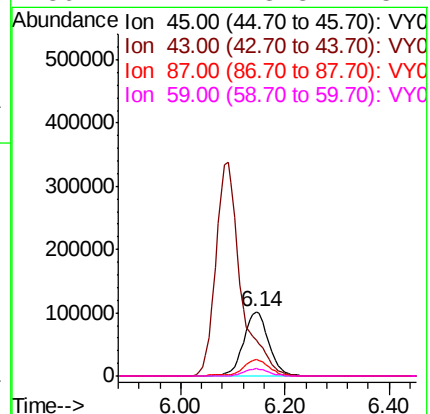
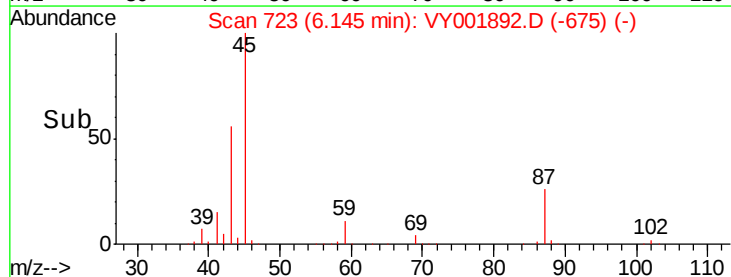
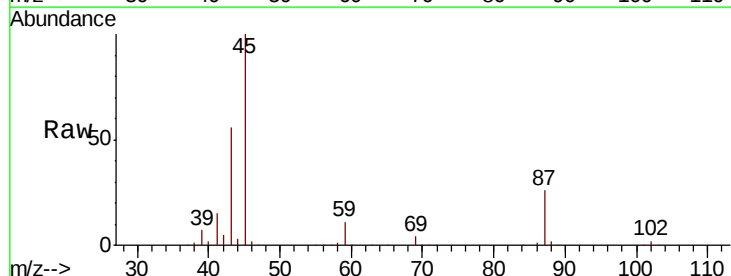
Ion Ratio Lower Upper

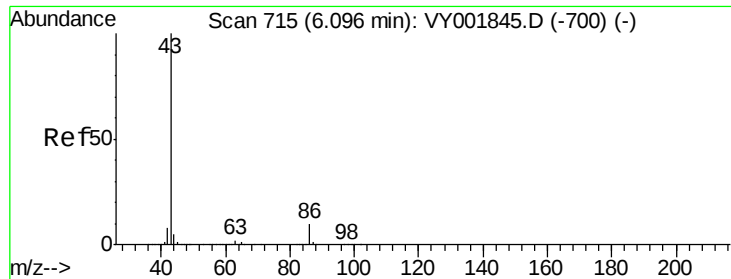
45 100

43 55.7 47.2 70.8

87 25.6 19.8 29.8

59 11.4 8.8 13.2





#23

Vinyl Acetate

Concen: 263.038 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

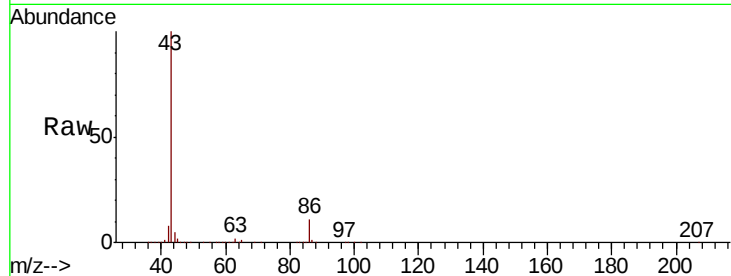
ClientSampleId :

Tot Ion: 43 Resp: 1129903

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-700) (-)

Ion 86.00 (85.70 to 86.70): VY001845.D (-700) (-)

6.09

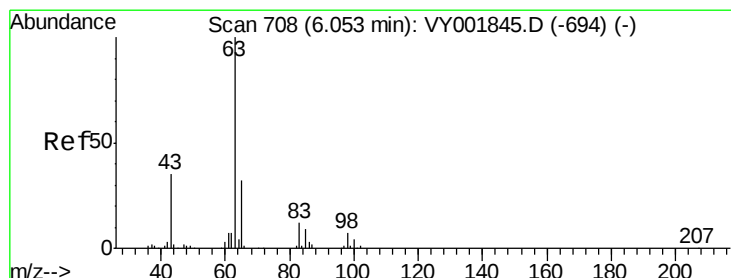
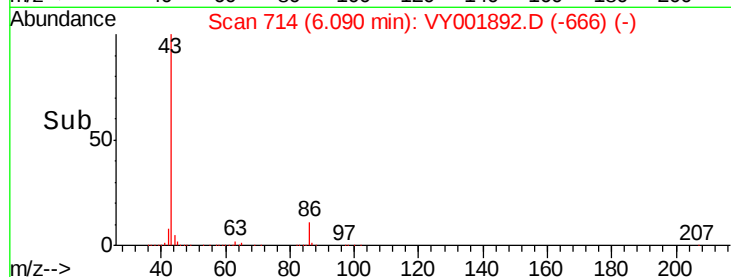
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.682 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

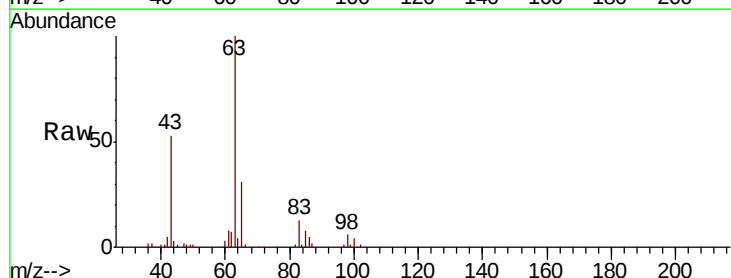
Tgt Ion: 63 Resp: 183387

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY001845.D (-694) (-)

Ion 97.90 (97.60 to 98.60): VY001845.D (-694) (-)

Ion 99.90 (99.60 to 100.60): VY001845.D (-694) (-)

6.05

80000

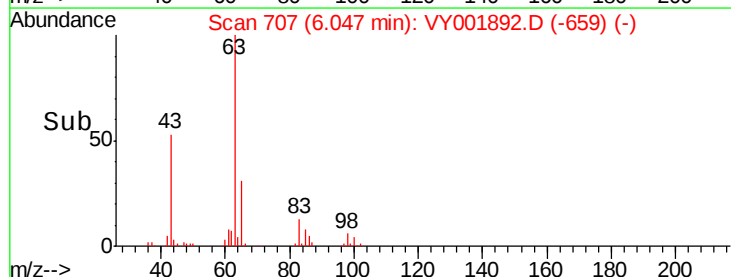
60000

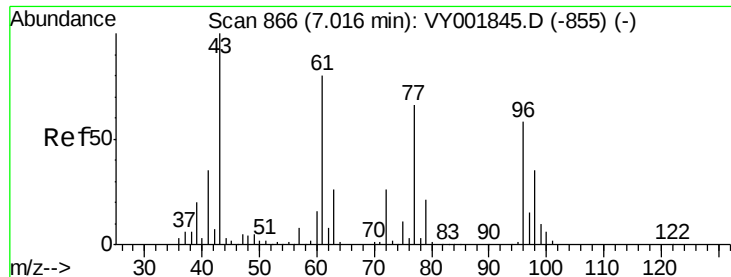
40000

20000

0

Time-->

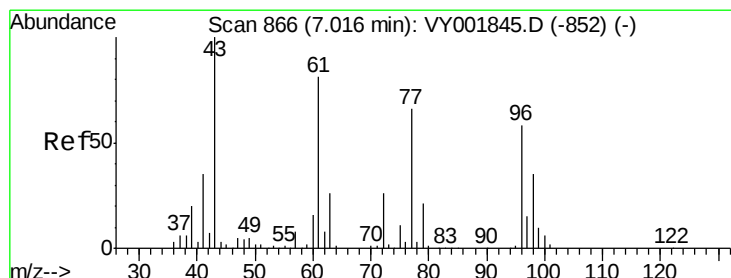
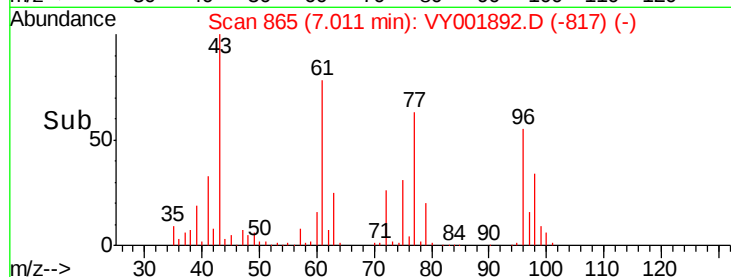
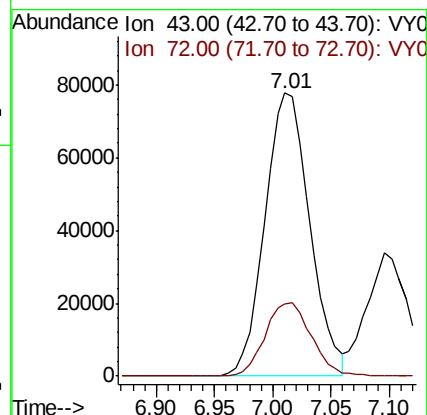
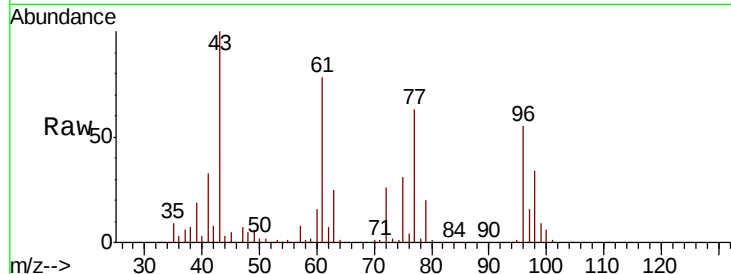




#25
2-Butanone
Concen: 270.853 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

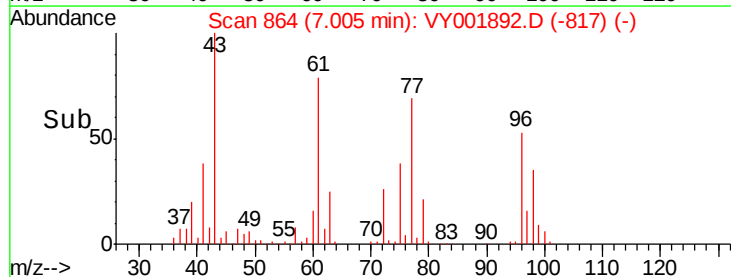
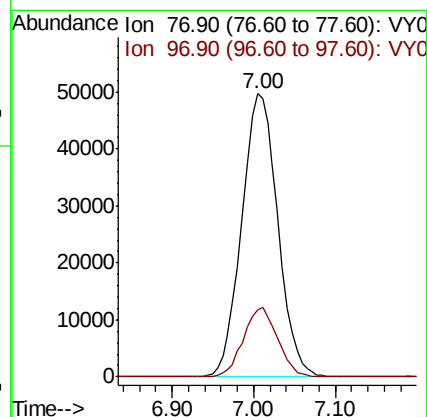
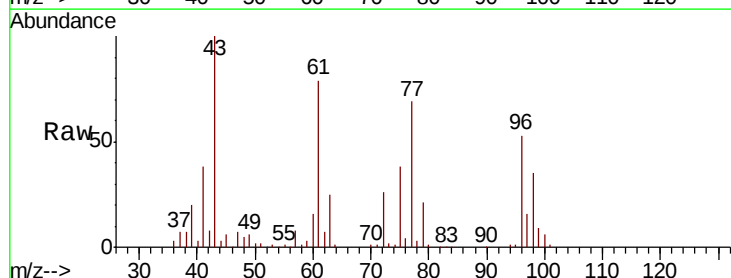
Instrument :
MSVOA_Y
ClientSampleId :

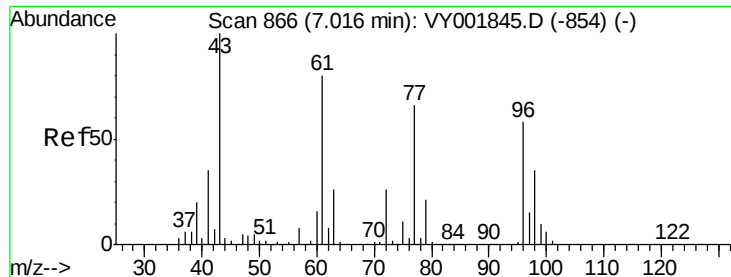
Tot Ion: 43 Resp: 207708
Ion Ratio Lower Upper
43 100
72 25.7 20.9 31.3



#26
2,2-Dichloropropane
Concen: 52.290 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 77 Resp: 152288
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7



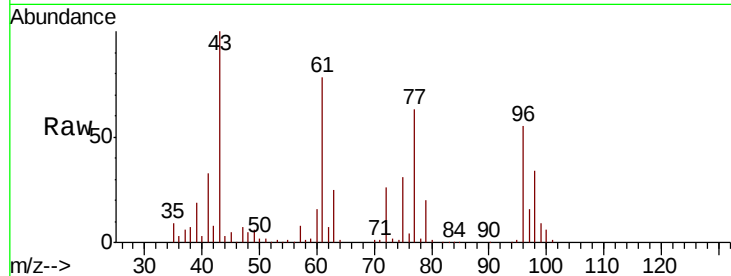


#27

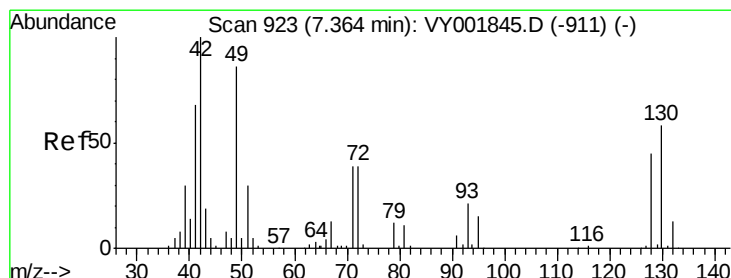
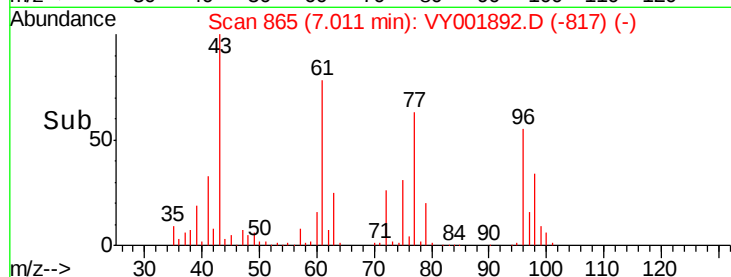
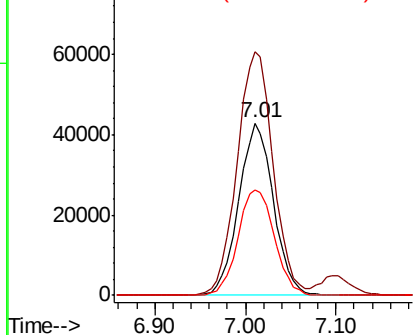
cis-1,2-Dichloroethene
Concen: 51.004 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 113547
Ion Ratio Lower Upper
96 100
61 146.6 0.0 288.2
98 64.5 0.0 129.0



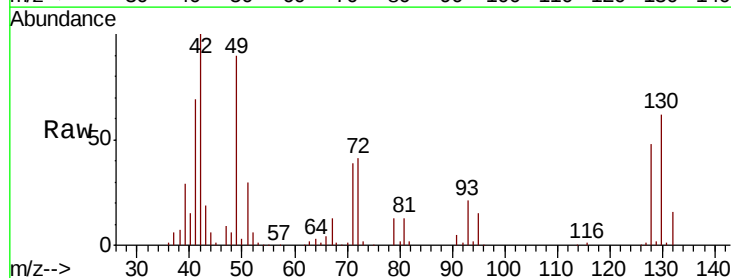
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



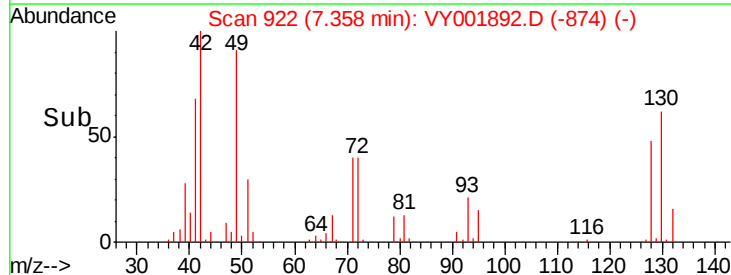
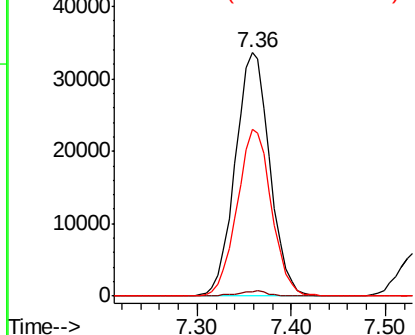
#28

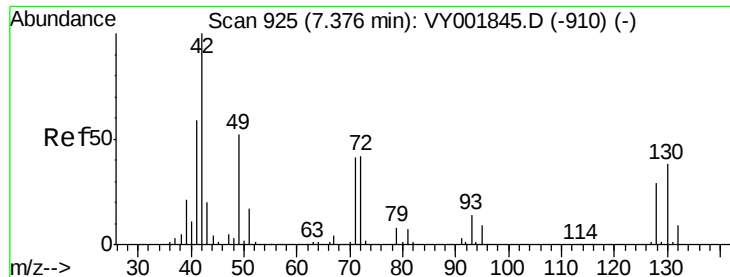
Bromochloromethane
Concen: 53.741 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 49 Resp: 85954
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 68.3 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

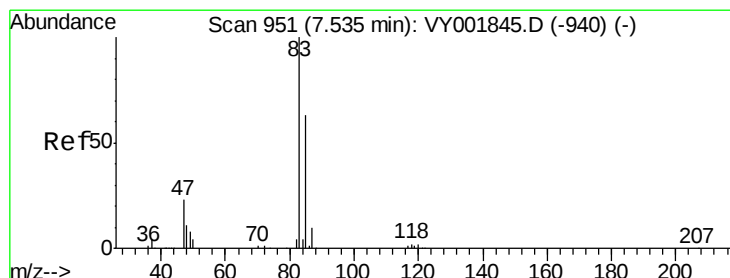
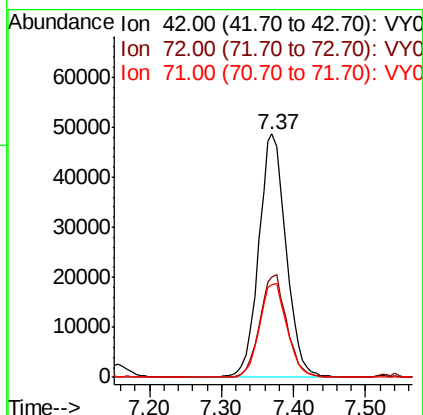
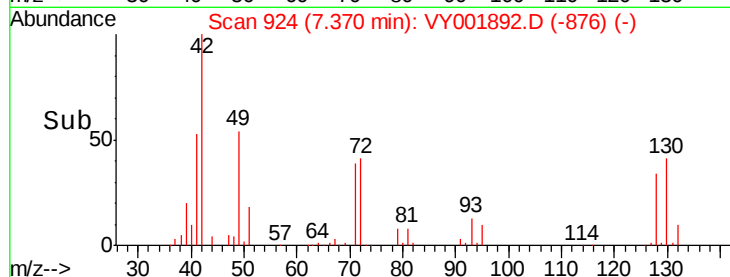
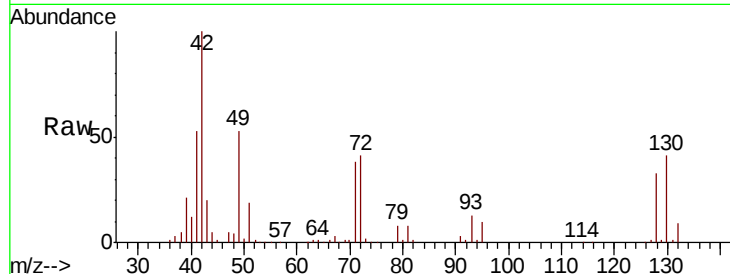




#29
Tetrahydrofuran
Concen: 251.481 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

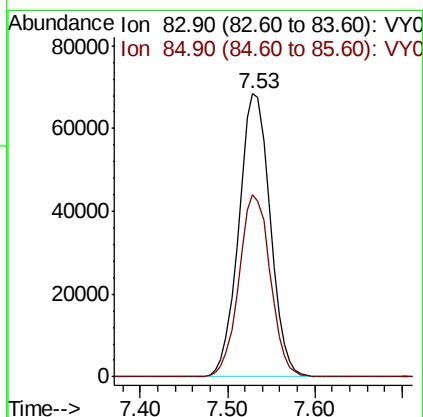
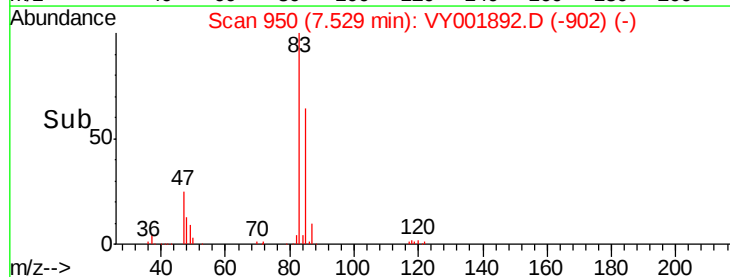
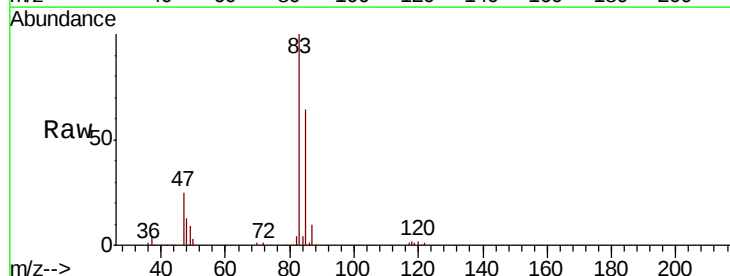
Instrument :
MSVOA_Y
ClientSampled :

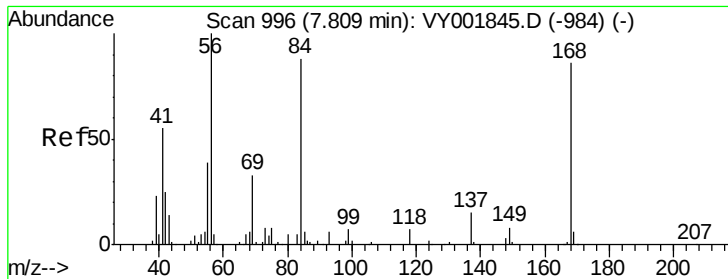
Tot Ion: 42 Resp: 128066
Ion Ratio Lower Upper
42 100
72 41.7 33.5 50.3
71 39.0 31.3 46.9



#30
Chloroform
Concen: 51.278 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 83 Resp: 170950
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1

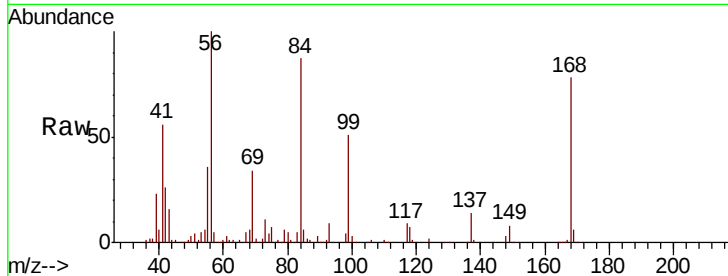




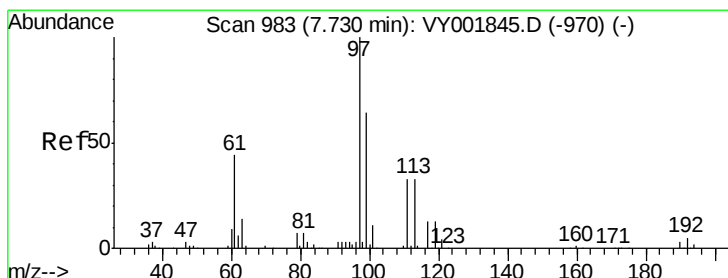
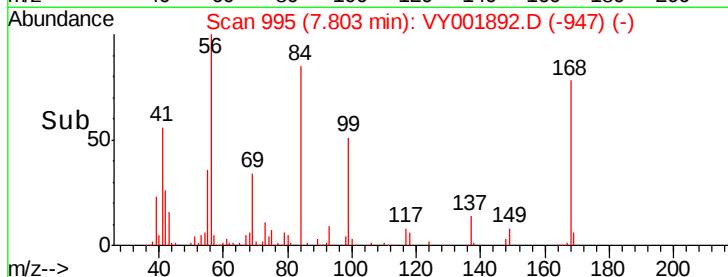
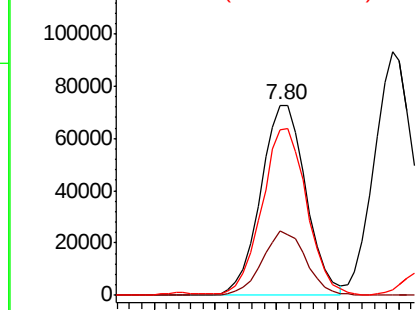
#31
Cyclohexane
Concen: 49.215 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 187244
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 86.0 70.4 105.6

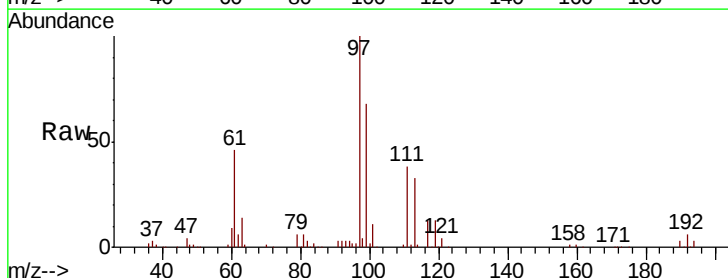


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

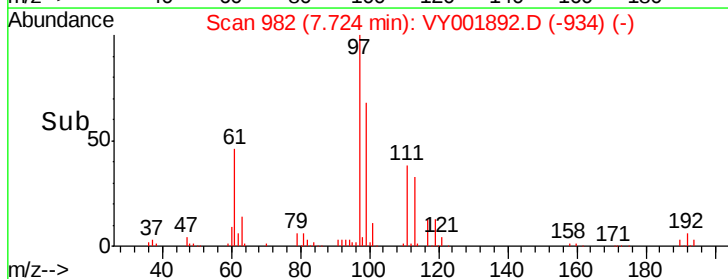
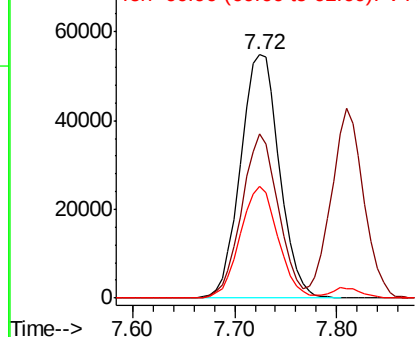


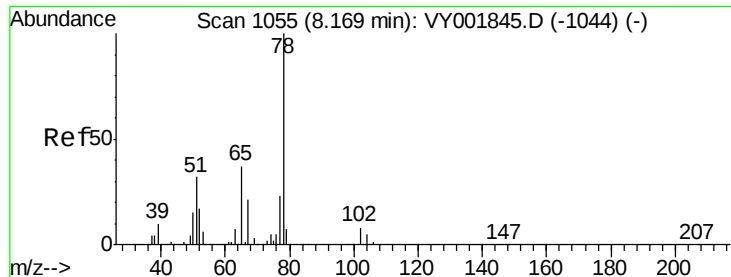
#32
1,1,1-Trichloroethane
Concen: 51.566 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 97 Resp: 144893
Ion Ratio Lower Upper
97 100
99 63.6 52.0 78.0
61 44.7 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: 51.787 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

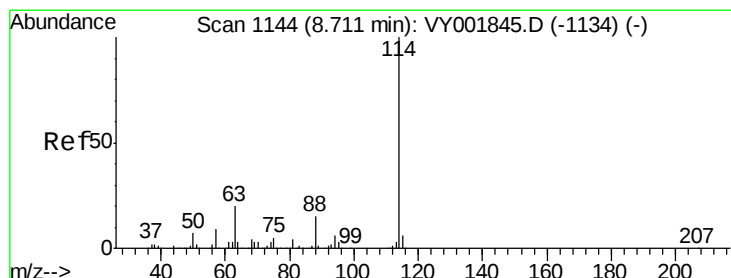
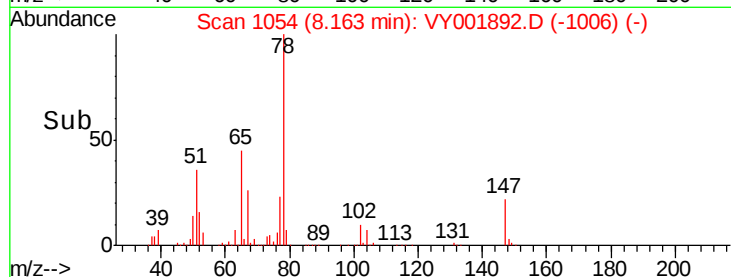
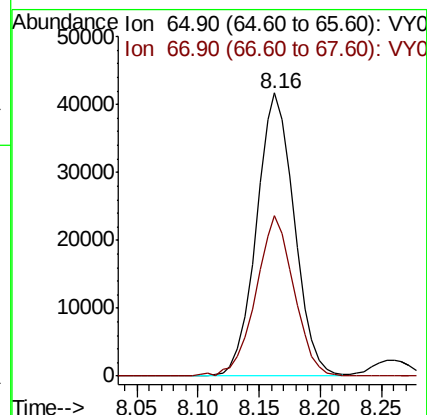
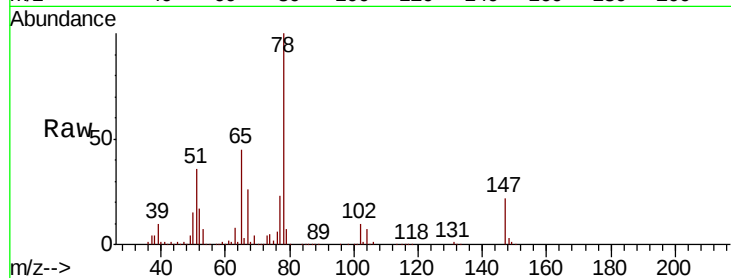
ClientSampleId :

Tot Ion: 65 Resp: 89662

Ion Ratio Lower Upper

65 100

67 56.9 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

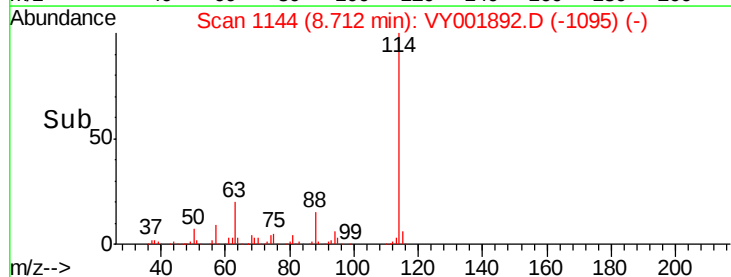
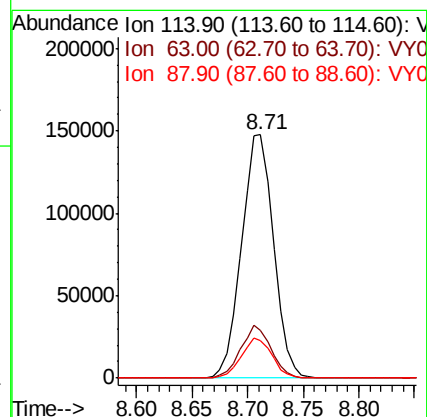
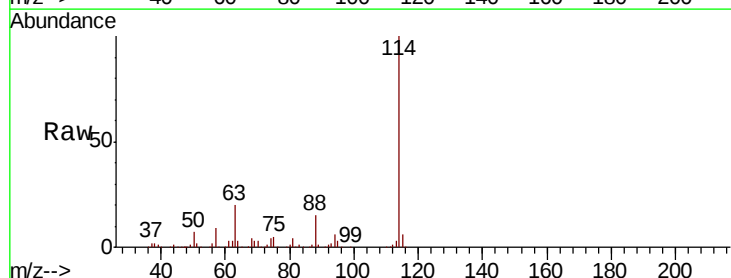
Tgt Ion: 114 Resp: 293863

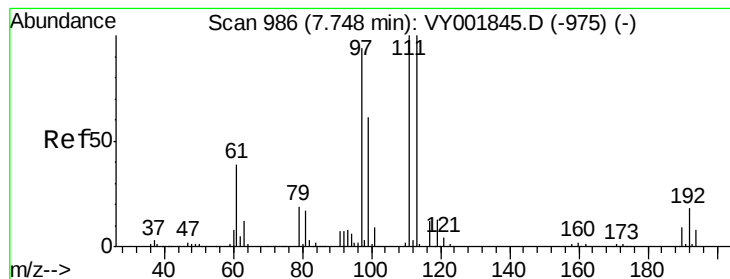
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.363 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampled :

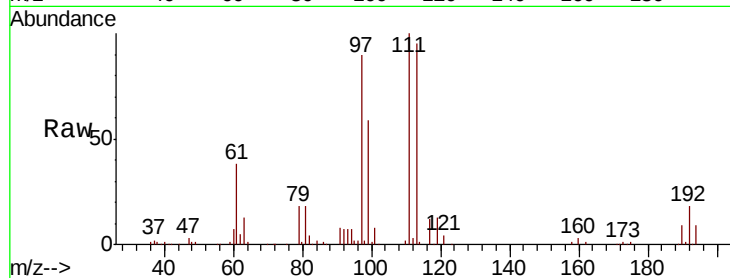
Tot Ion:113 Resp: 82418

Ion Ratio Lower Upper

113 100

111 105.7 81.8 122.8

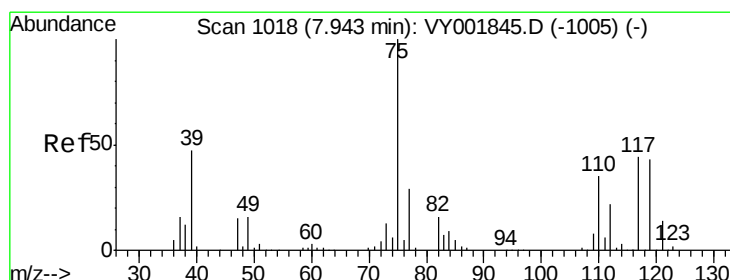
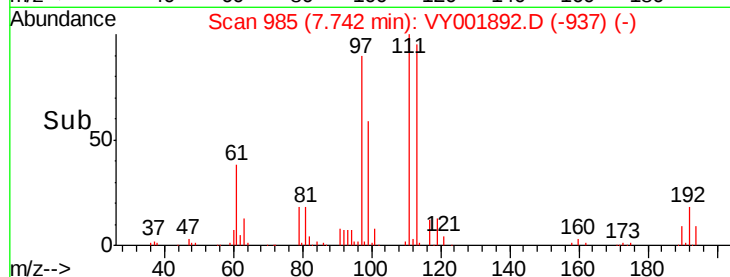
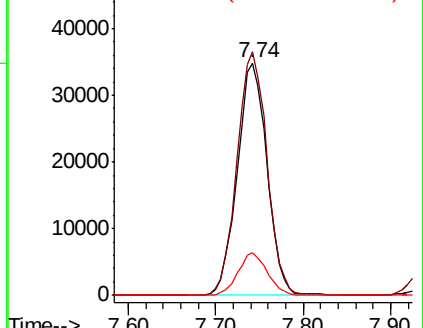
192 18.0 14.2 21.2



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: 51.890 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

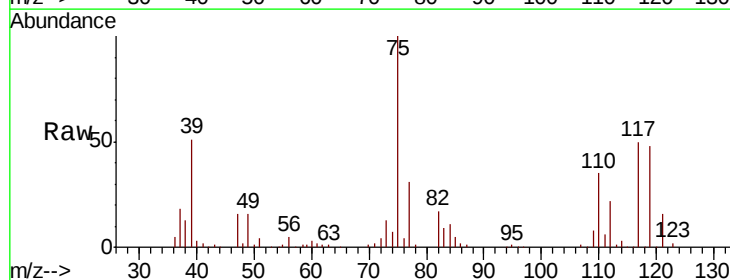
Tgt Ion: 75 Resp: 146738

Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.2

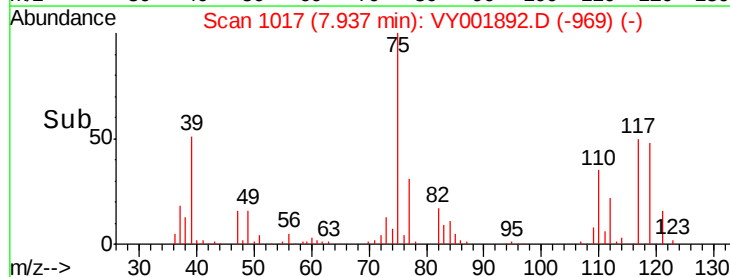
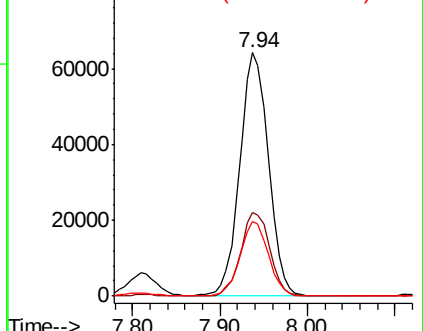
77 30.4 24.2 36.2

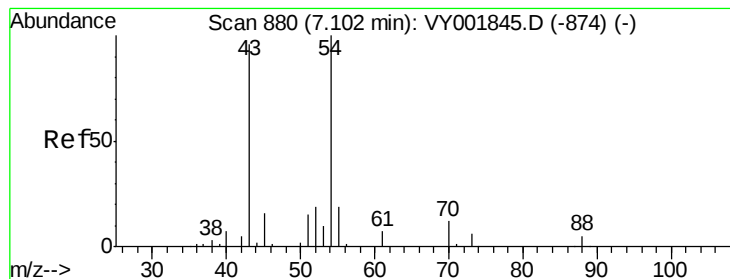


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 52.832 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

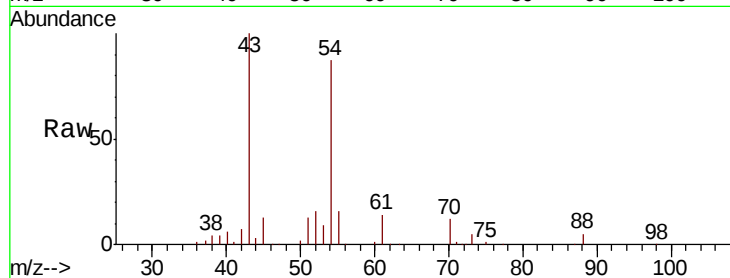
Tot Ion: 43 Resp: 86832

Ion Ratio Lower Upper

43 100

61 13.6 11.1 16.7

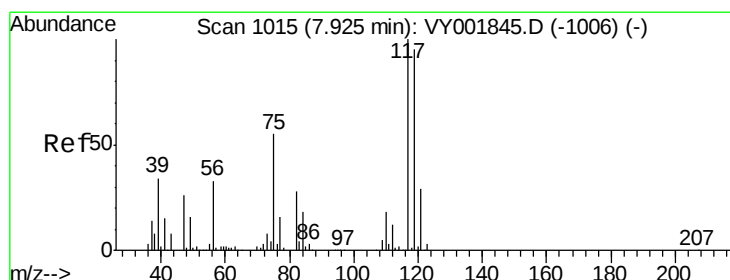
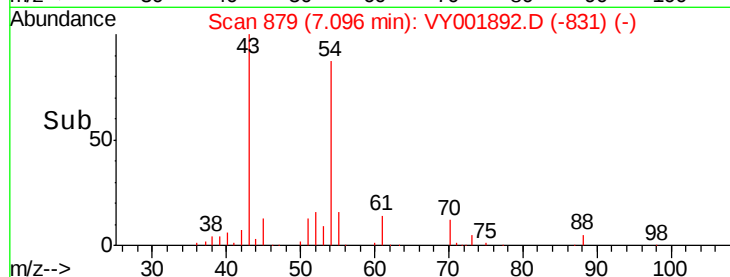
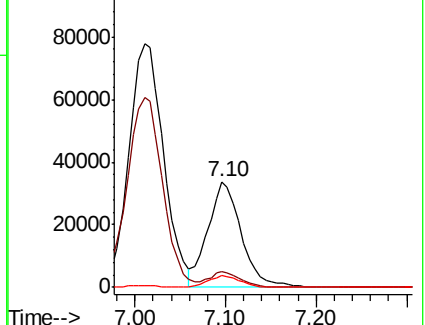
70 10.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VY001892.D (-831) (-)

Ion 60.90 (60.60 to 61.60): VY001892.D (-831) (-)

Ion 70.00 (69.70 to 70.70): VY001892.D (-831) (-)



#38

Carbon Tetrachloride

Concen: 51.480 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

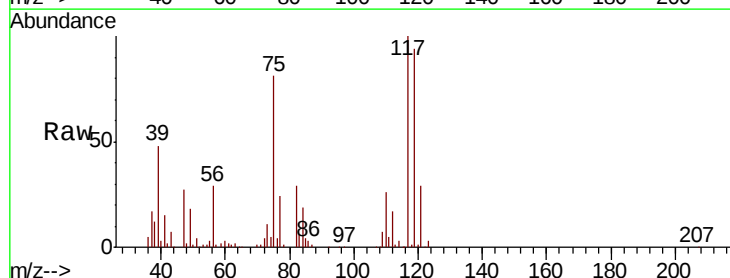
Tgt Ion: 117 Resp: 124361

Ion Ratio Lower Upper

117 100

119 93.7 76.3 114.5

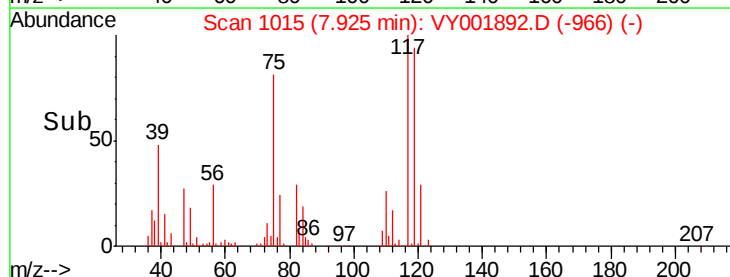
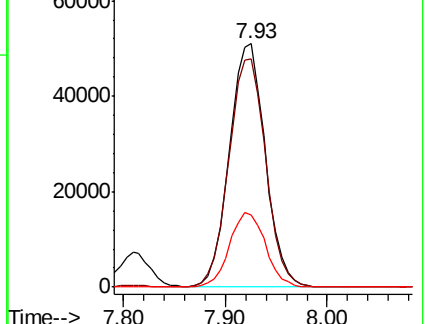
121 29.5 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VY001892.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001892.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001892.D (-966) (-)

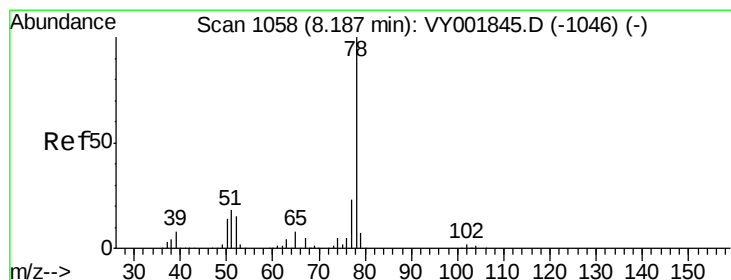
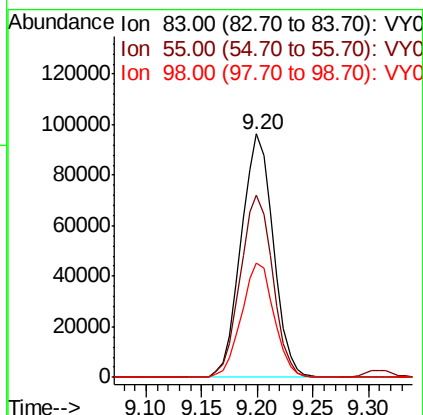
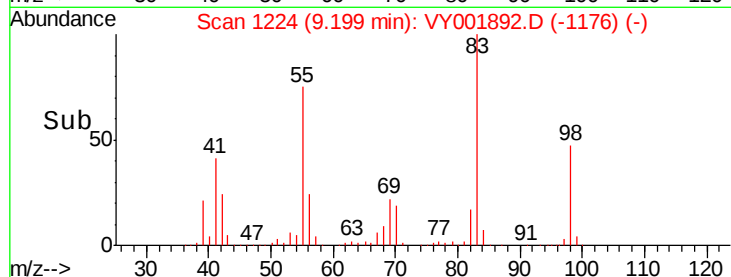
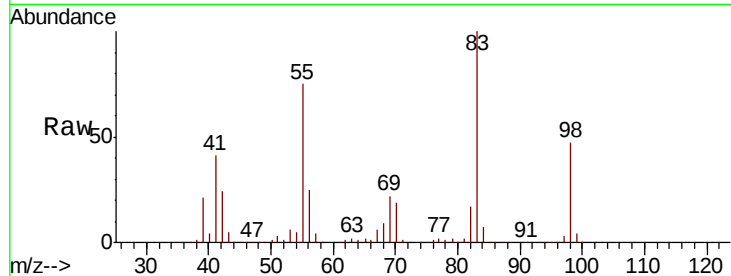




#39
Methvlcvclohexane
Concen: 51.680 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

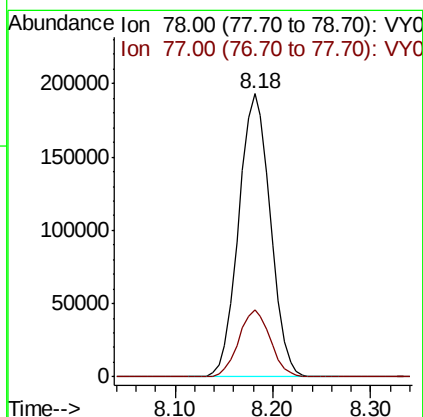
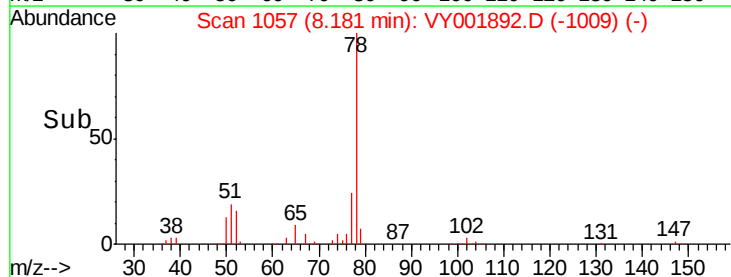
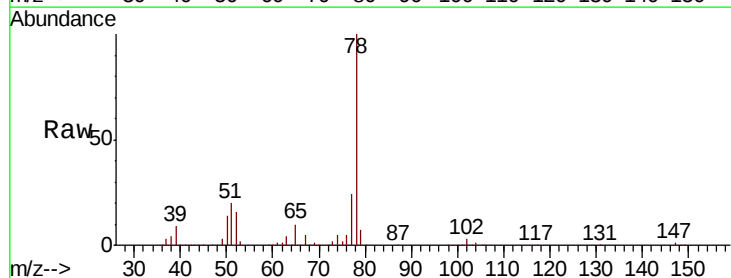
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 193833
Ion Ratio Lower Upper
83 100
55 74.8 59.4 89.0
98 46.9 38.9 58.3



#40
Benzene
Concen: 51.686 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 78 Resp: 433219
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

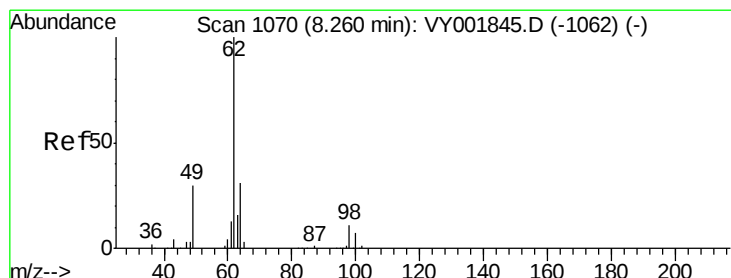
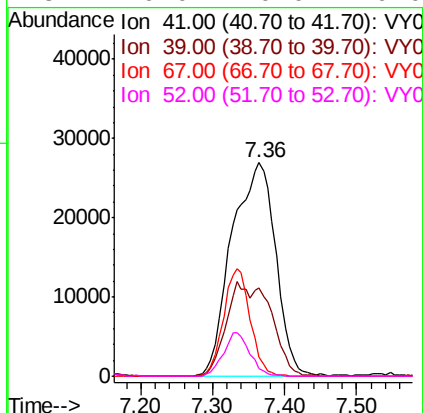
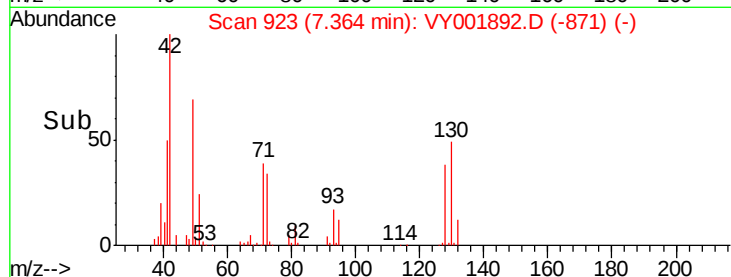
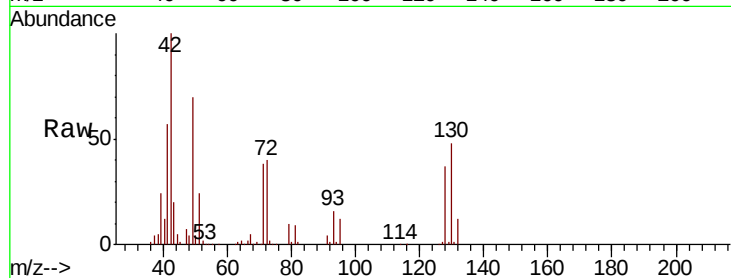




#41
Methacrylonitrile
Concen: 154.346 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

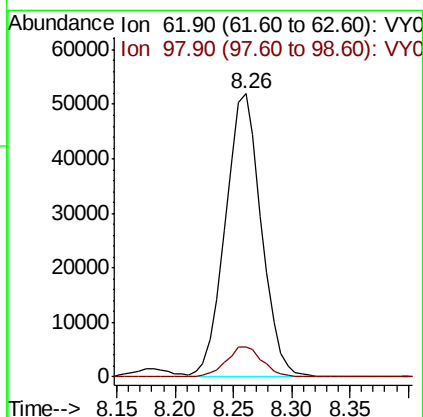
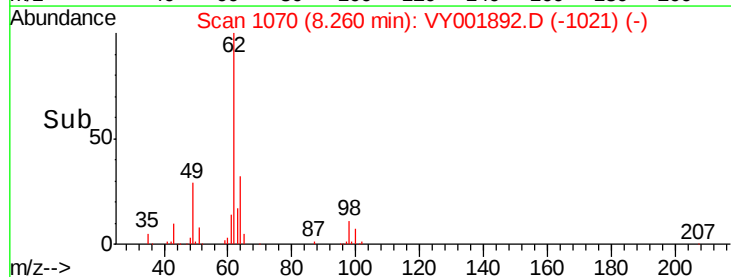
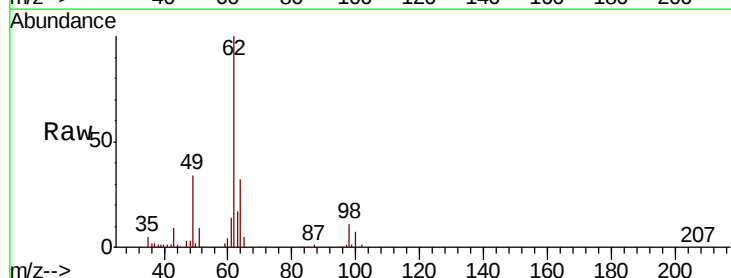
Instrument :
MSVOA_Y
ClientSampleId :

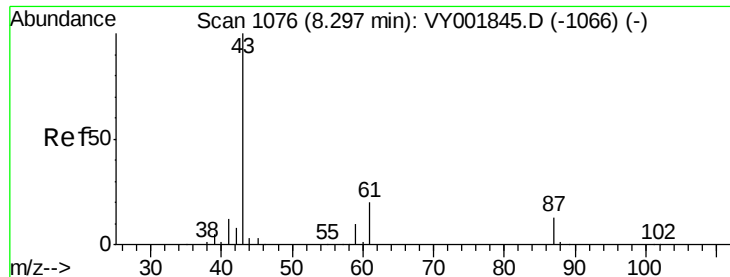
Tot Ion: 41 Resp: 114164
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.616 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 62 Resp: 111482
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4





#43

Isopropyl Acetate

Concen: 52.235 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

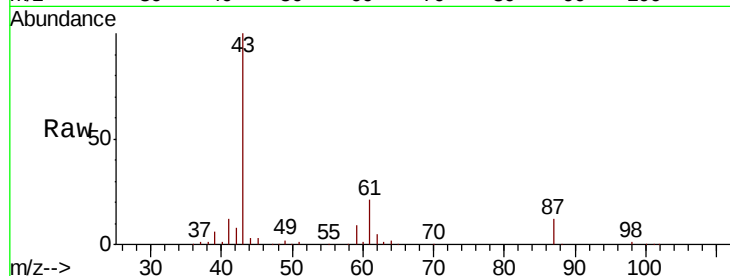
Tot Ion: 43 Resp: 162540

Ion Ratio Lower Upper

43 100

61 28.3 23.8 35.6

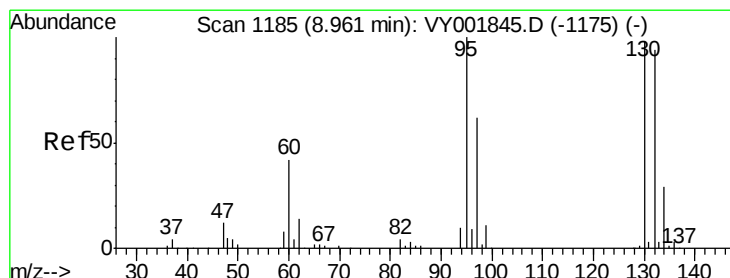
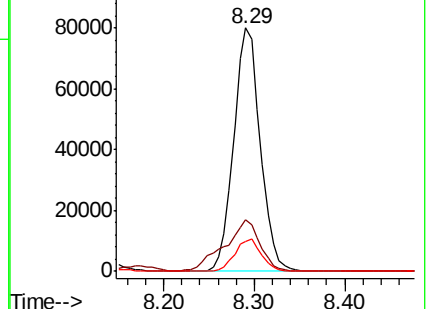
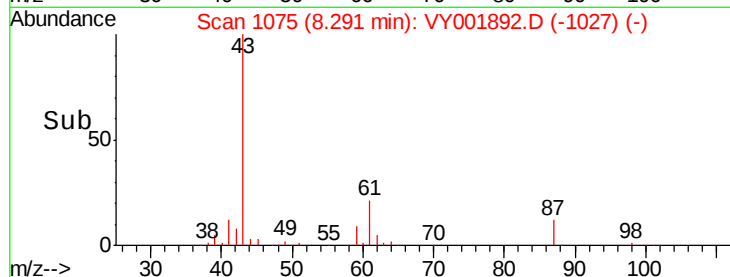
87 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001892.D (-1075) (-)

Ion 61.00 (60.70 to 61.70): VY001892.D (-1075) (-)

Ion 87.00 (86.70 to 87.70): VY001892.D (-1075) (-)



#44

Trichloroethene

Concen: 51.465 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001892.D

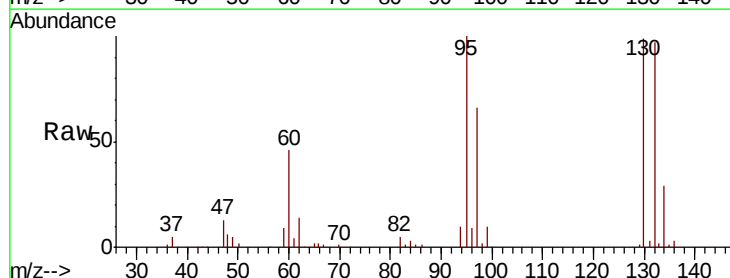
Acq: 06 Mar 2020 10:33

Tgt Ion:130 Resp: 105057

Ion Ratio Lower Upper

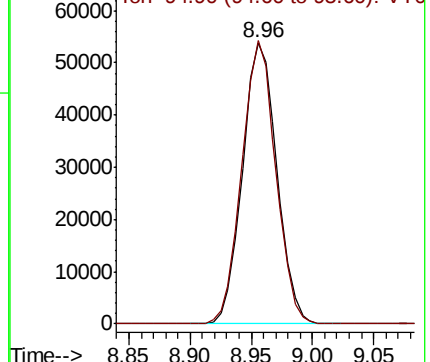
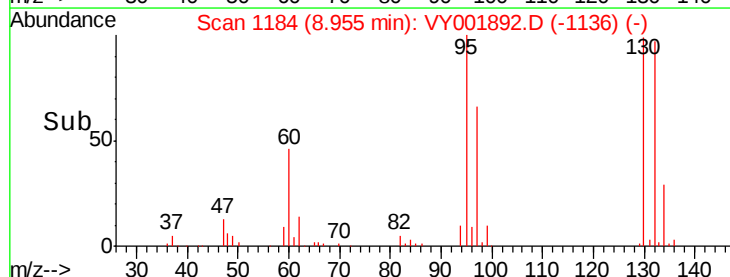
130 100

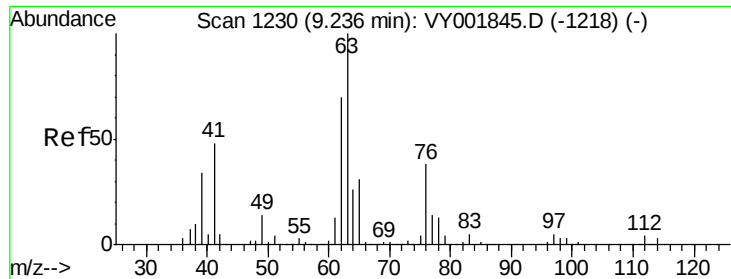
95 100.7 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001892.D (-1184) (-)

Ion 94.90 (94.60 to 95.60): VY001892.D (-1184) (-)

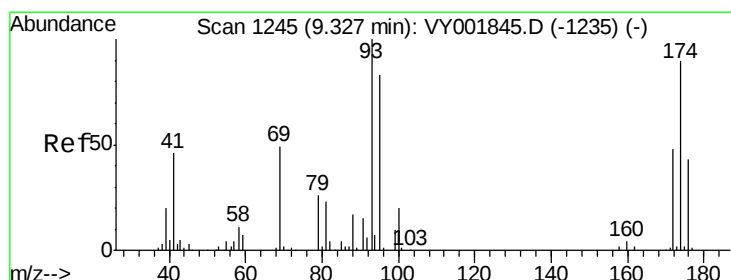
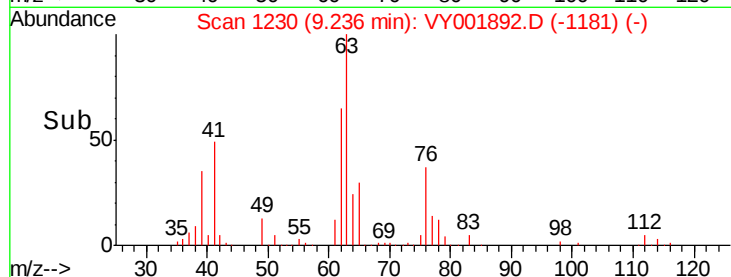
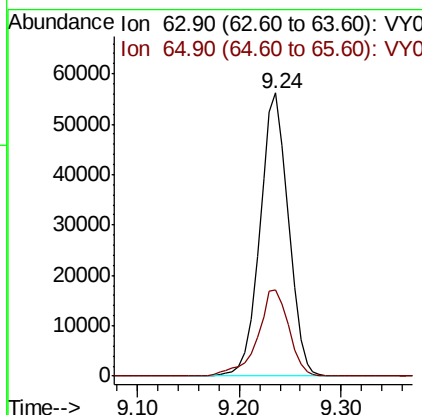
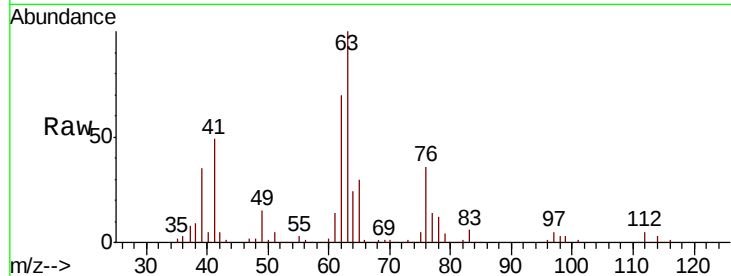




#45
 1,2-Dichloropropane
 Concen: 51.669 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

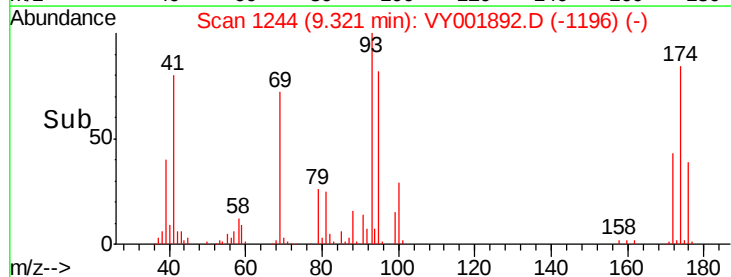
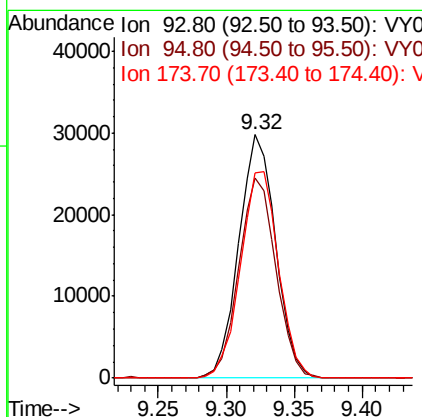
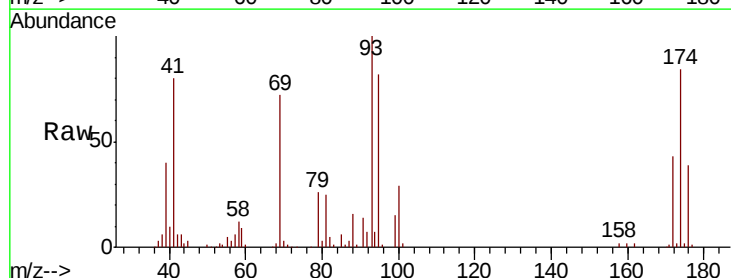
Instrument :
 MSVOA_Y
 ClientSampleId :

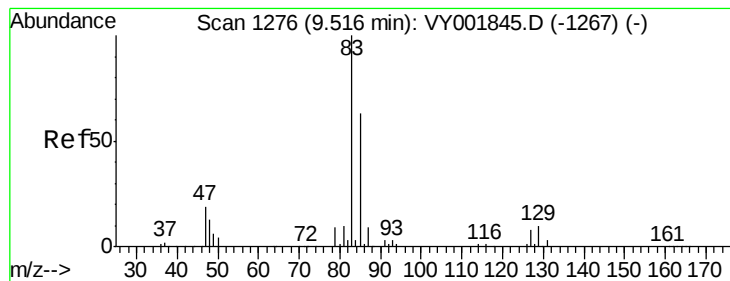
Tot Ion: 63 Resp: 108867
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 51.983 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 93 Resp: 56444
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 87.3 71.8 107.8





#47

Bromodichloromethane

Concen: 52.271 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

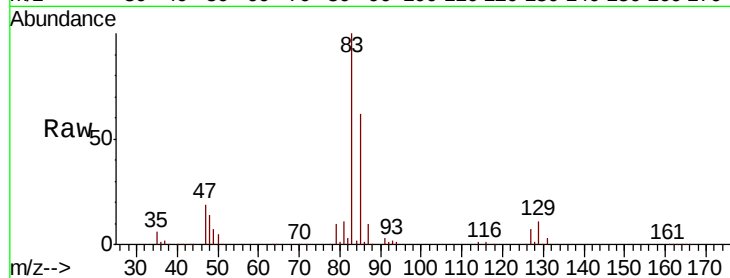
Tot Ion: 83 Resp: 132026

Ion Ratio Lower Upper

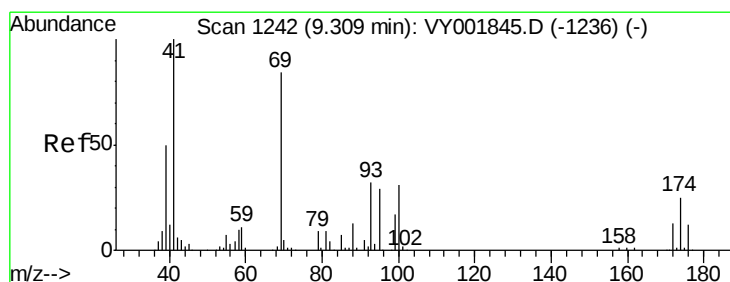
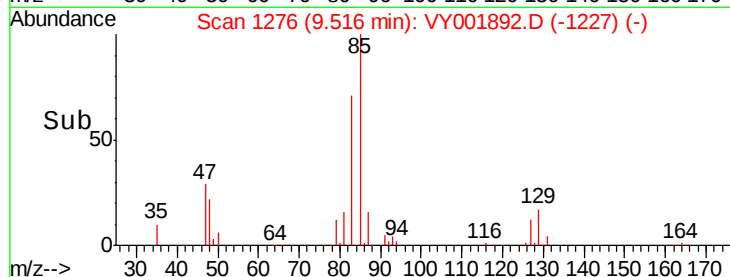
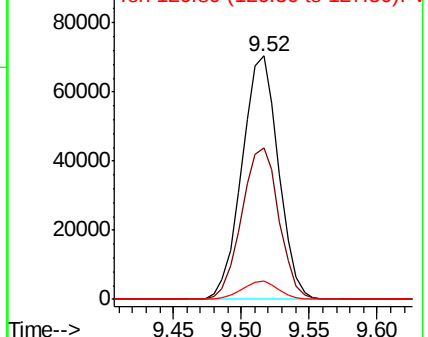
83 100

85 62.3 50.6 76.0

127 7.5 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): VY0



#48

Methyl methacrylate

Concen: 53.154 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

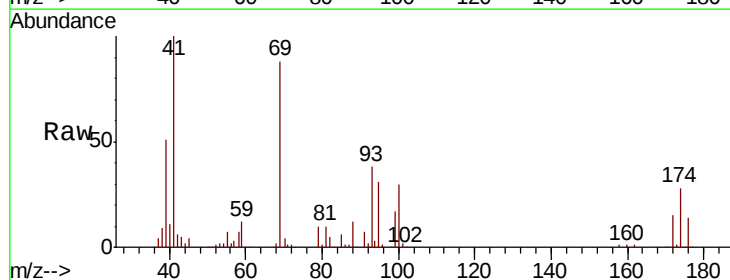
Tgt Ion: 41 Resp: 73393

Ion Ratio Lower Upper

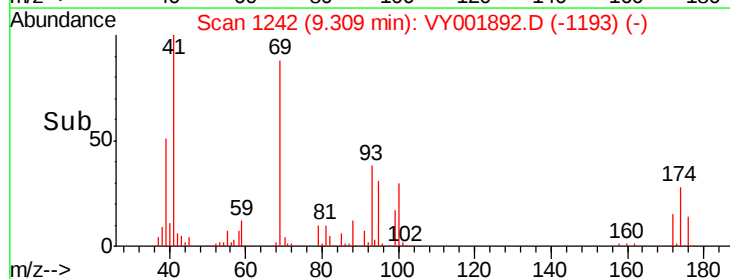
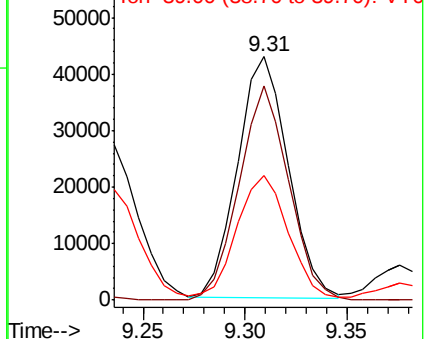
41 100

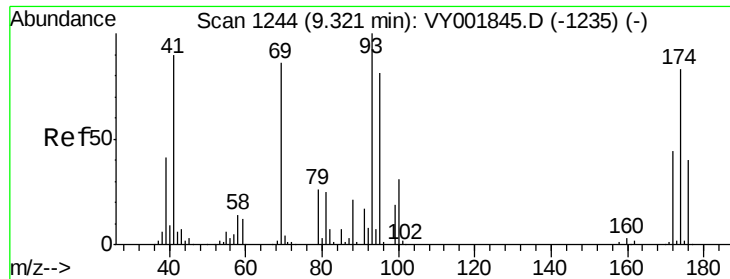
69 87.5 69.0 103.6

39 50.8 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: 930.557 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

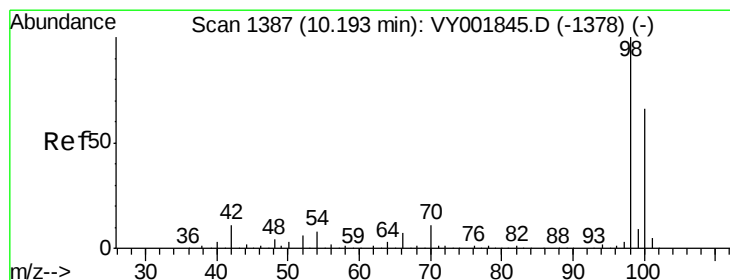
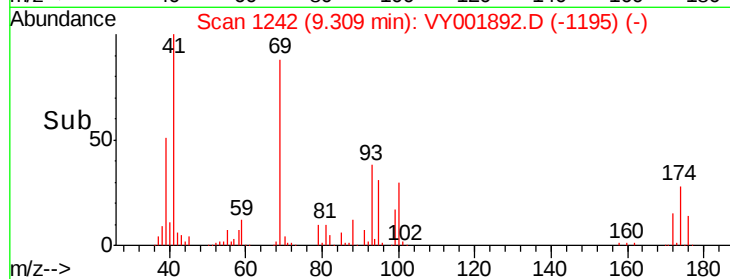
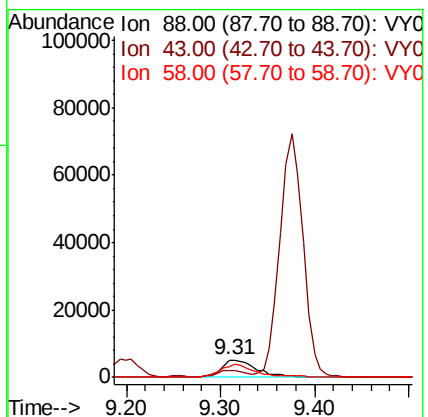
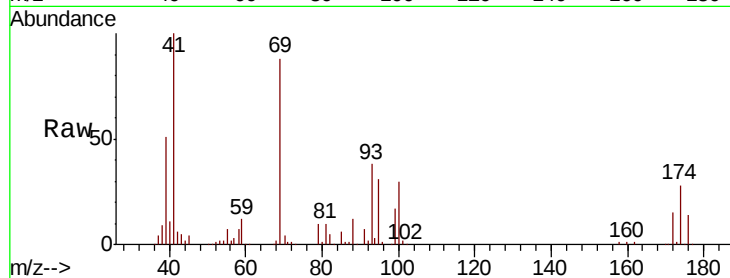
Tot Ion: 88 Resp: 13845

Ion Ratio Lower Upper

88 100

43 31.0 25.0 37.6

58 68.5 58.9 88.3



#50

Toluene-d8

Concen: 51.476 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001892.D

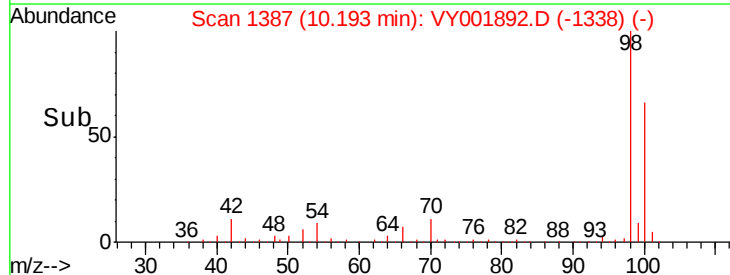
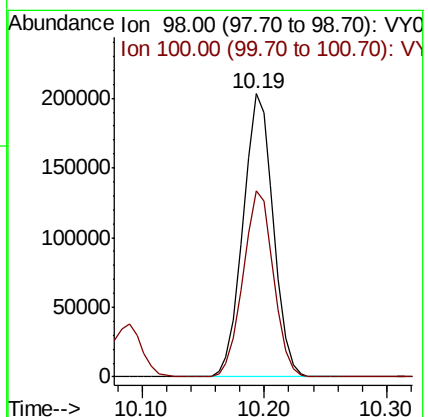
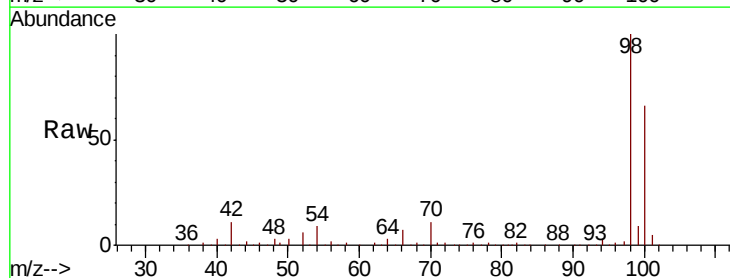
Acq: 06 Mar 2020 10:33

Tgt Ion: 98 Resp: 348307

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 269.380 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

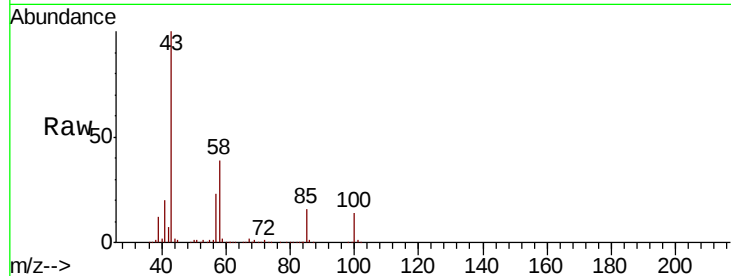
ClientSampled :

Tot Ion: 43 Resp: 431749

Ion Ratio Lower Upper

43 100

58 39.5 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.08

250000

200000

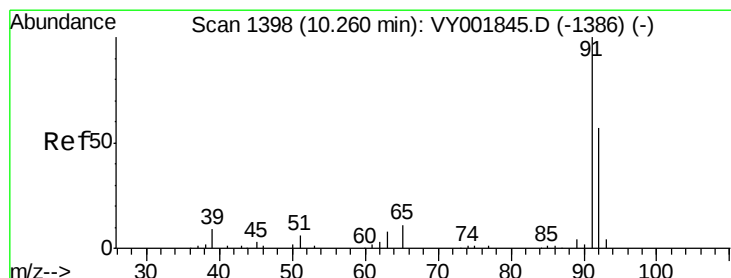
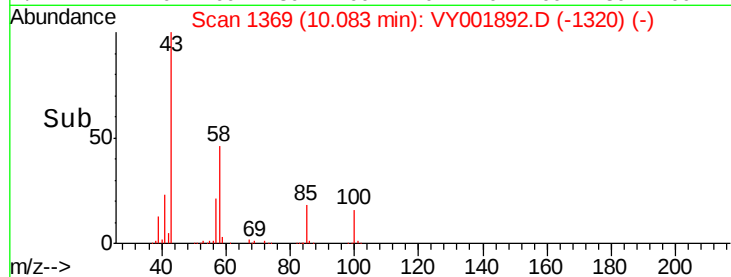
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.615 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001892.D

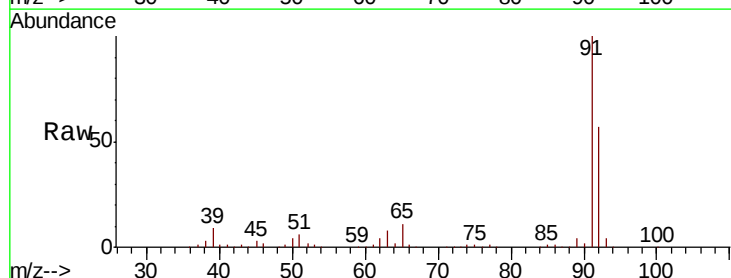
Acq: 06 Mar 2020 10:33

Tgt Ion: 92 Resp: 262813

Ion Ratio Lower Upper

92 100

91 172.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

300000

250000

200000

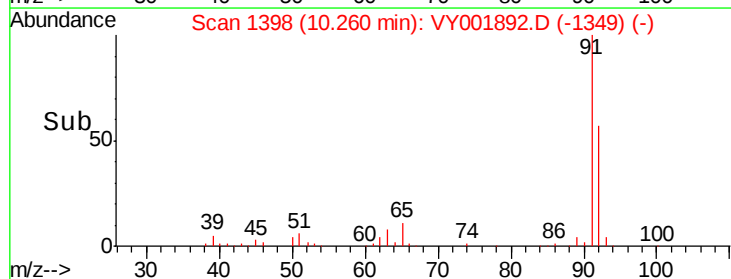
150000

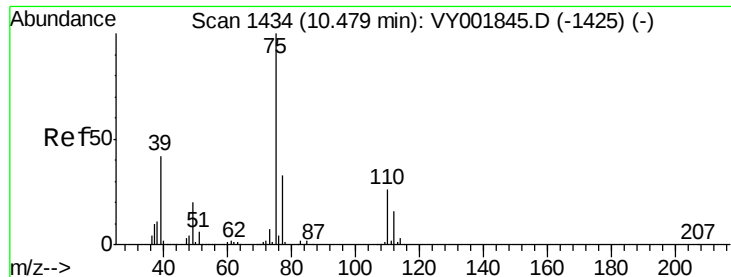
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.094 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

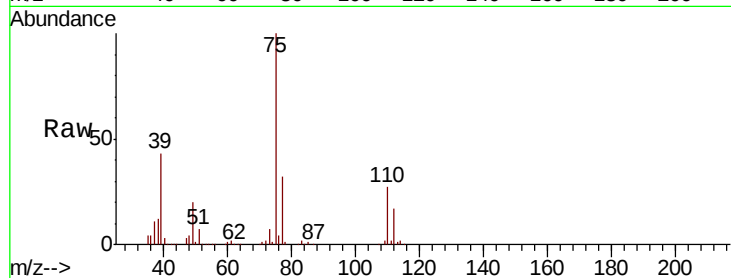
ClientSampleId :

Tot Ion: 75 Resp: 146104

Ion Ratio Lower Upper

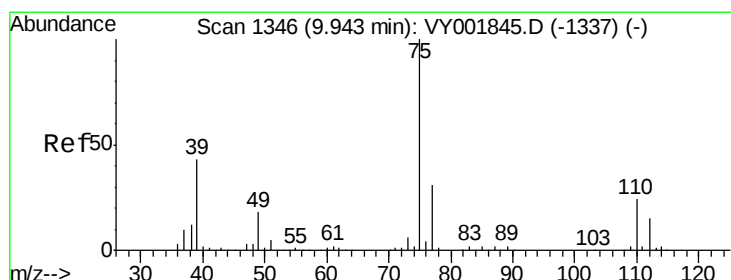
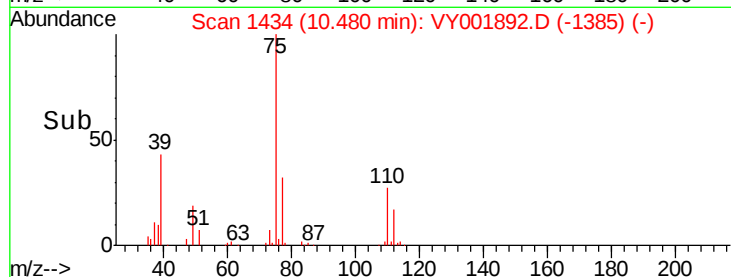
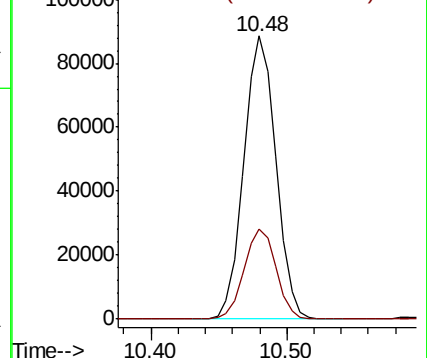
75 100

77 31.9 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 52.645 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

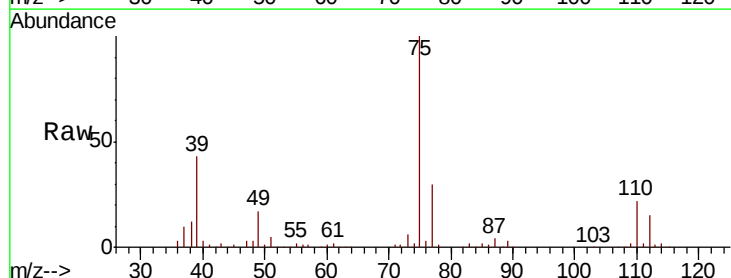
Tgt Ion: 75 Resp: 172458

Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

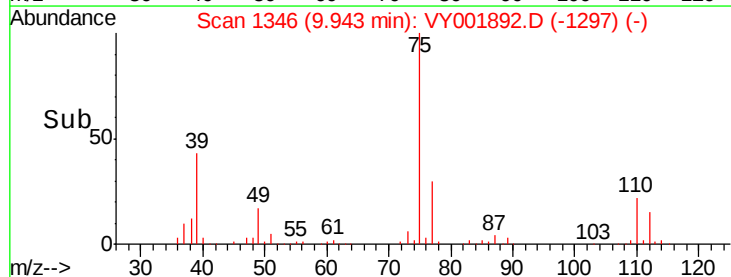
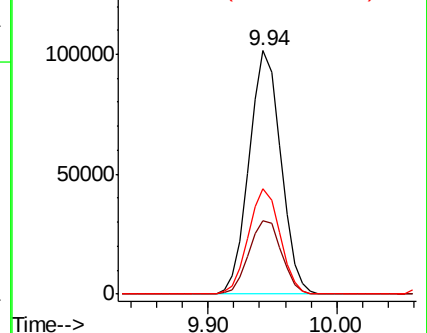
39 43.2 34.7 52.1

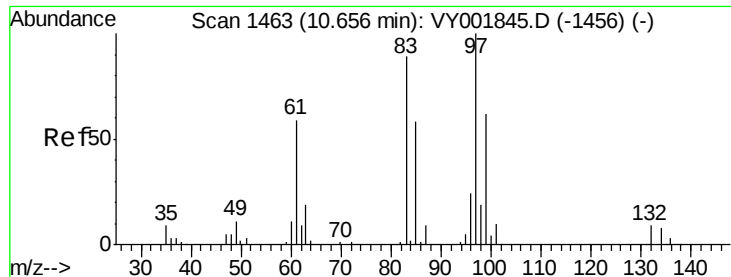


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

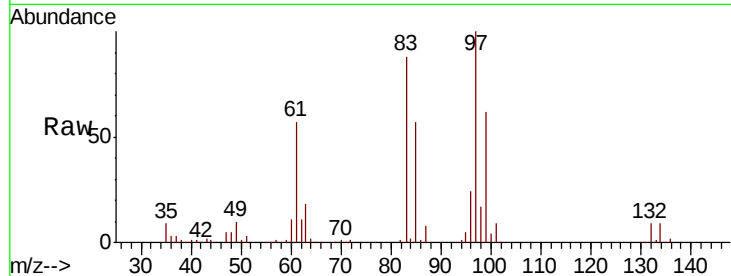




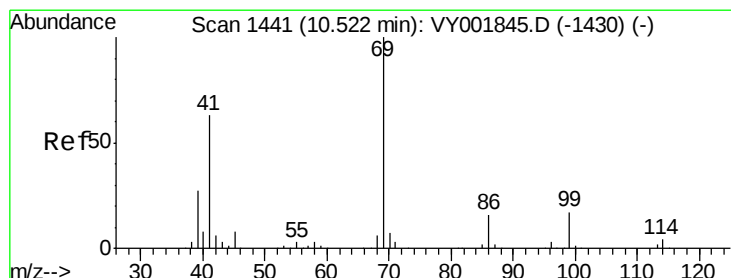
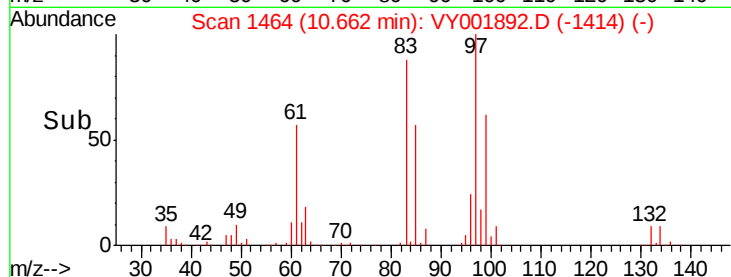
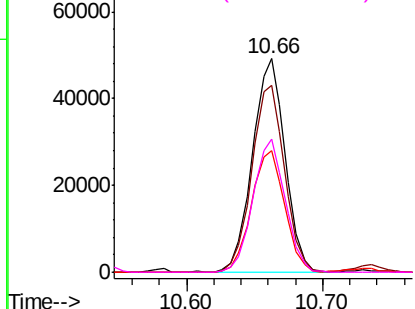
#55
1,1,2-Trichloroethane
Concen: 52.029 ug/l
RT: 10.66 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 97 Resp: 82677
Ion Ratio Lower Upper
97 100
83 87.5 71.6 107.4
85 57.1 46.6 69.8
99 62.4 49.8 74.6

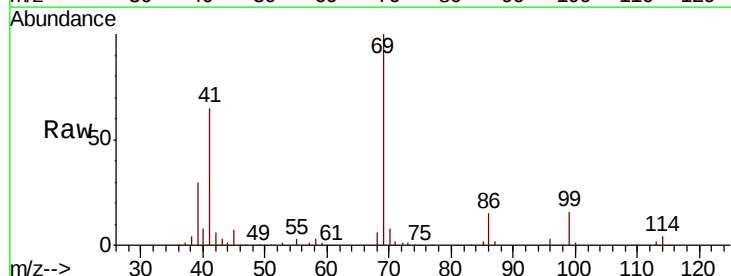


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

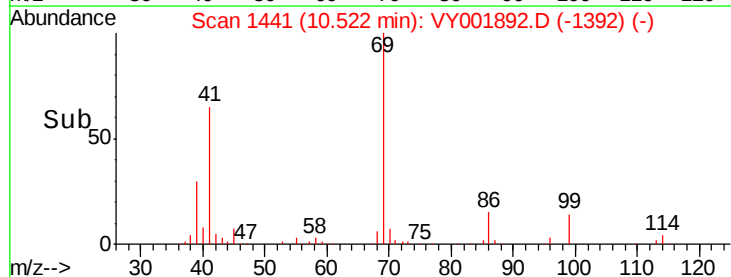
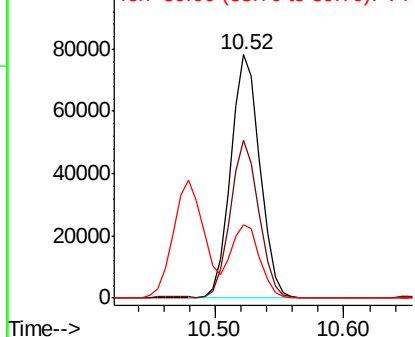


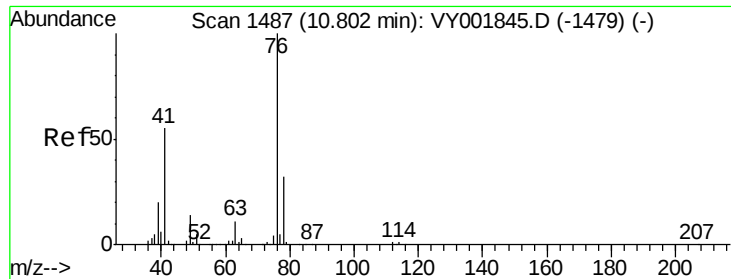
#56
Ethyl methacrylate
Concen: 52.945 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 69 Resp: 123318
Ion Ratio Lower Upper
69 100
41 63.4 49.9 74.9
39 29.5 23.0 34.6



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





#57

1,3-Dichloropropane

Concen: 51.705 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

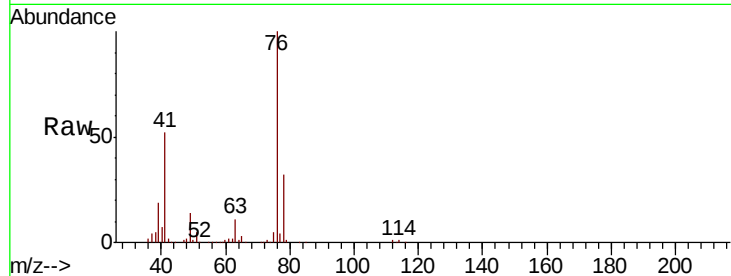
ClientSampleId :

Tot Ion: 76 Resp: 146458

Ion Ratio Lower Upper

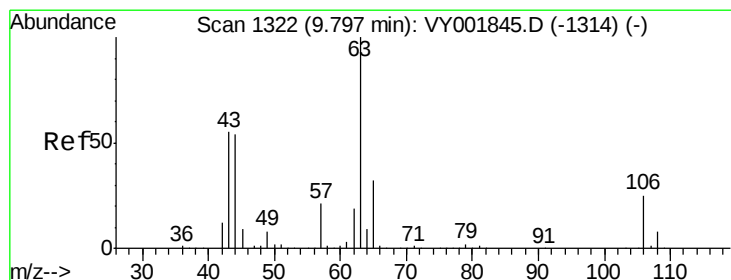
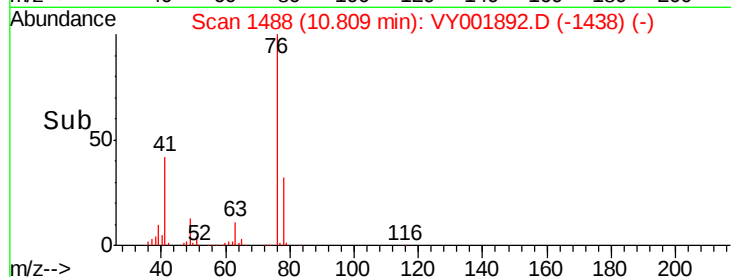
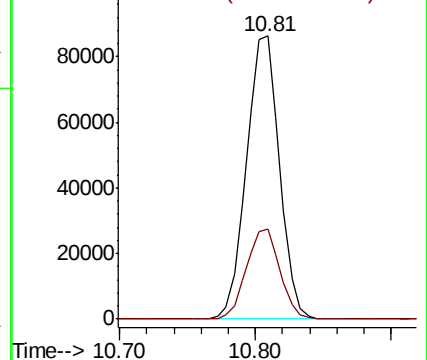
76 100

78 32.4 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: 264.994 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001892.D

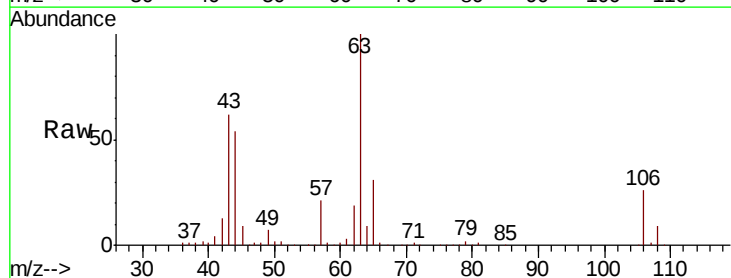
Acq: 06 Mar 2020 10:33

Tgt Ion: 63 Resp: 214196

Ion Ratio Lower Upper

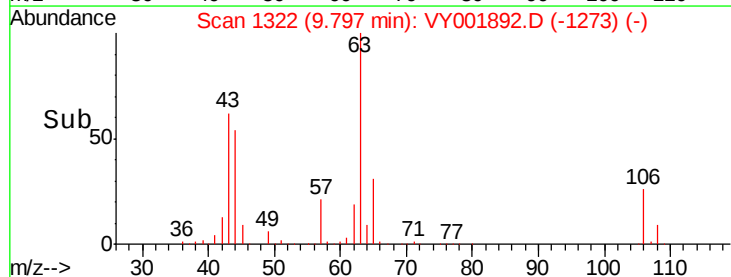
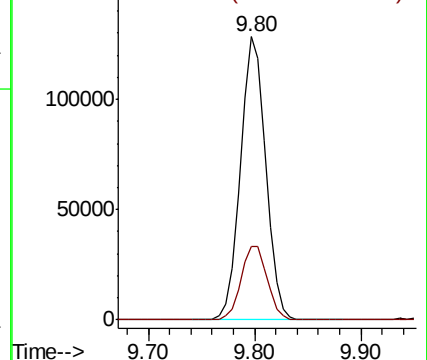
63 100

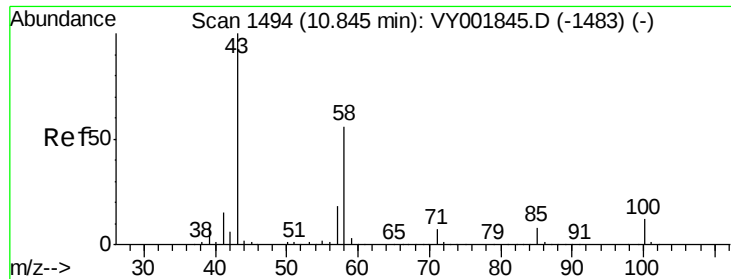
106 26.9 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

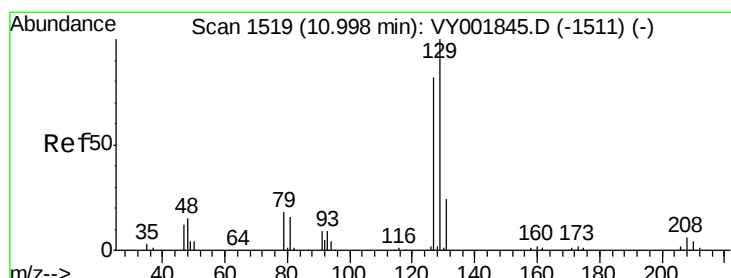
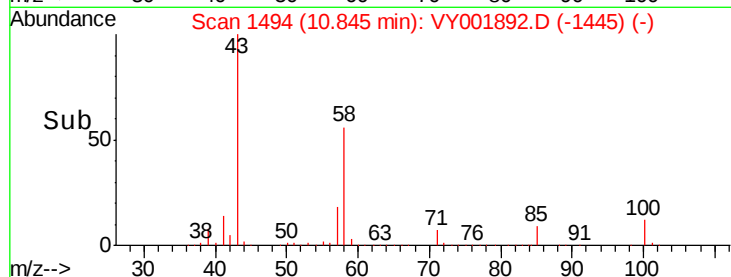
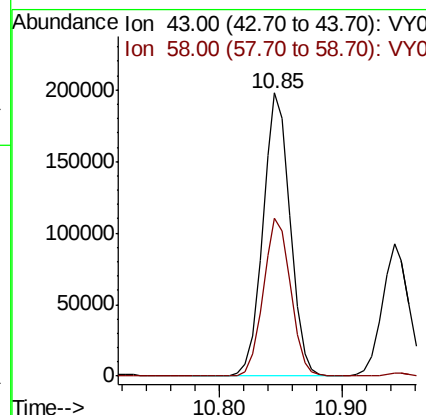
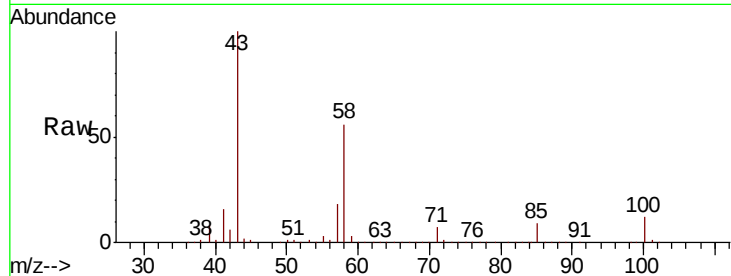




#59
2-Hexanone
Concen: 266.982 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

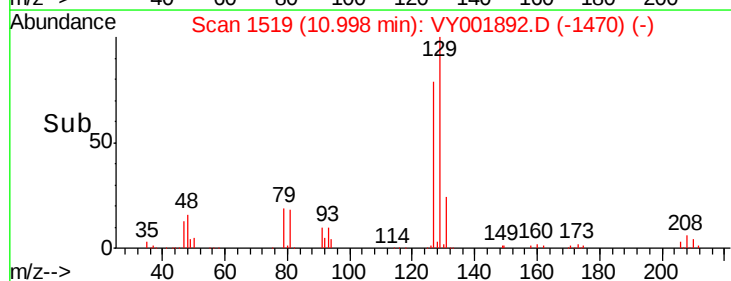
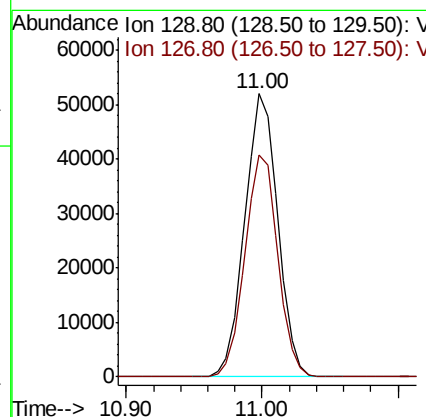
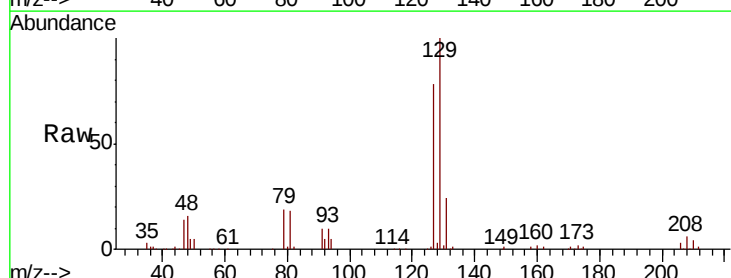
Instrument :
MSVOA_Y
ClientSampleId :

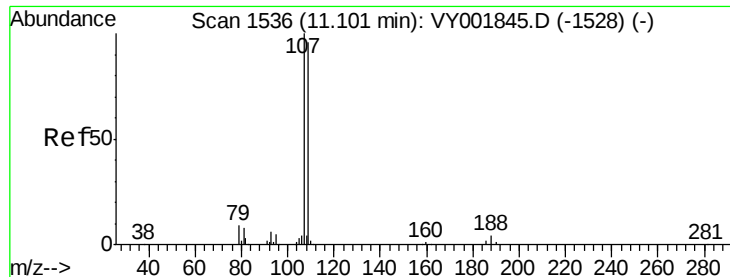
Tot Ion: 43 Resp: 305419
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 52.720 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 129 Resp: 88277
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

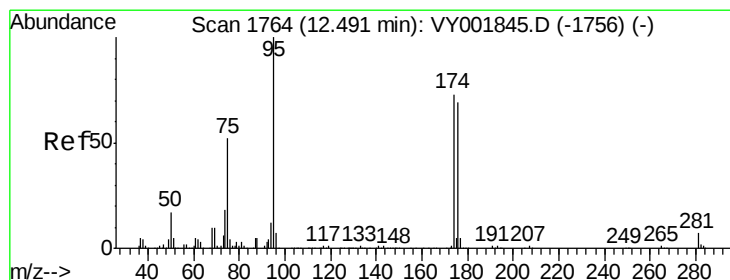
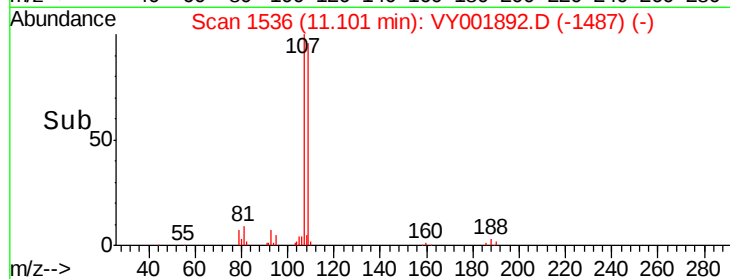
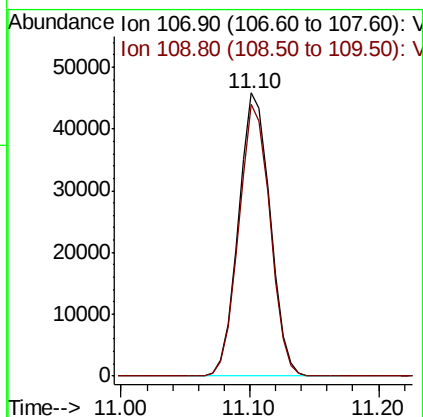
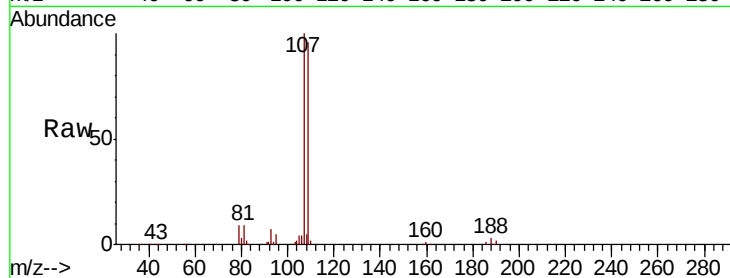




#61
 1,2-Dibromoethane
 Concen: 51.643 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

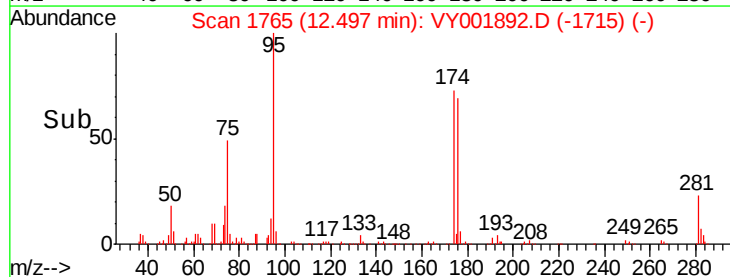
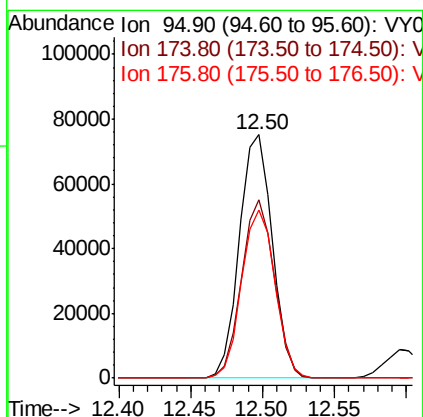
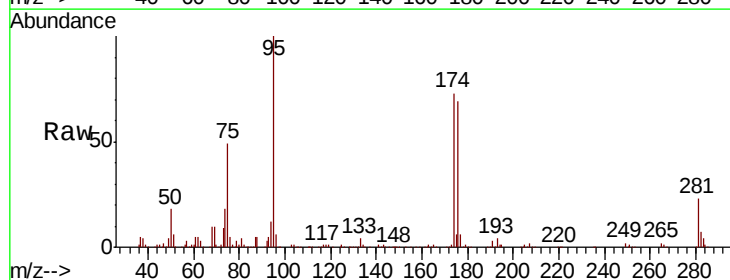
Instrument :
 MSVOA_Y
 ClientSampled :

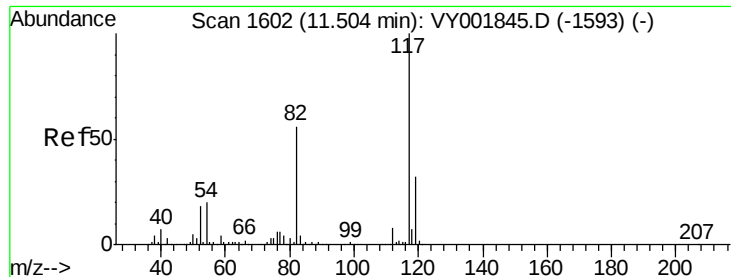
Tot Ion: 107 Resp: 77734
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.631 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 95 Resp: 119124
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 145.0
 176 69.9 0.0 137.4

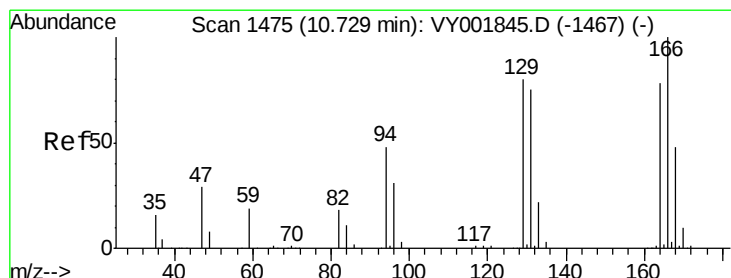
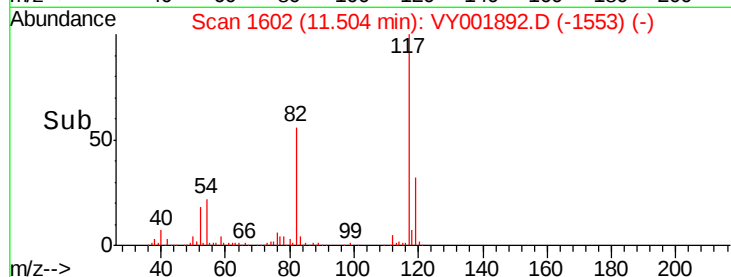
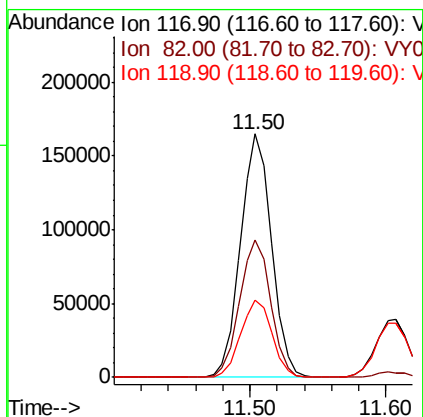
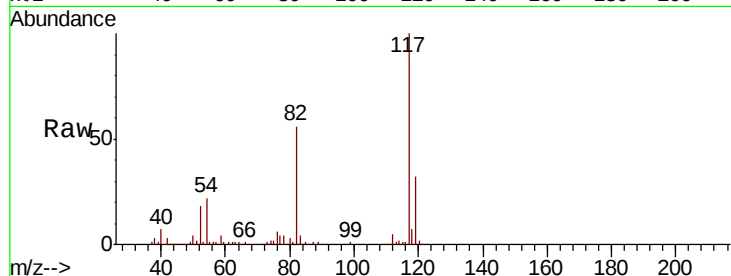




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

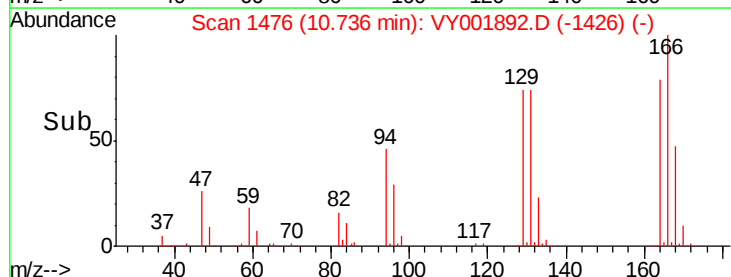
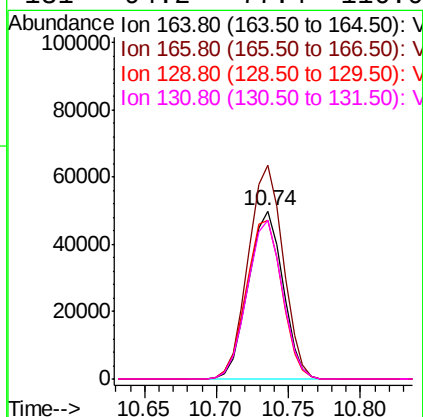
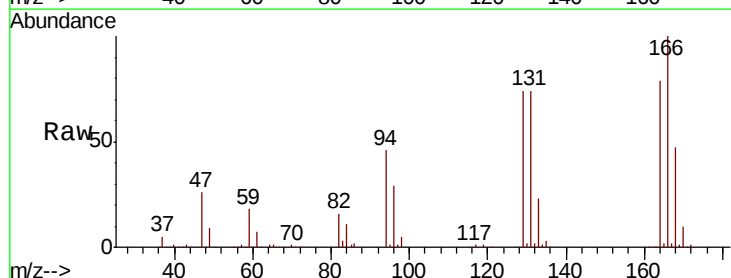
Instrument :
MSVOA_Y
ClientSampleId :

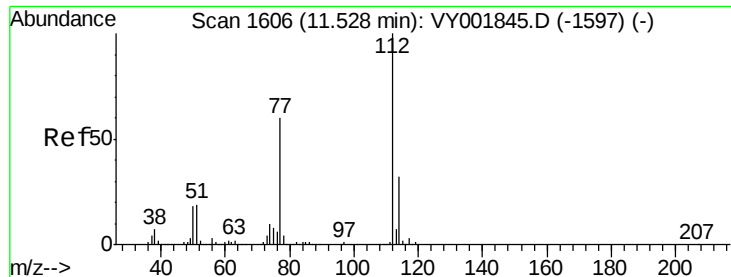
Tot Ion:117 Resp: 262063
Ion Ratio Lower Upper
117 100
82 56.3 44.5 66.7
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 50.593 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:164 Resp: 83147
Ion Ratio Lower Upper
164 100
166 126.9 102.6 154.0
129 94.3 82.3 123.5
131 94.2 77.4 116.0

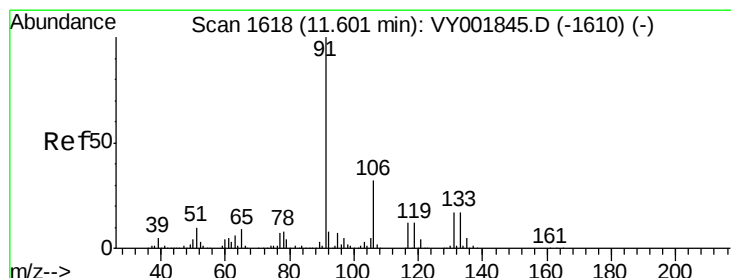
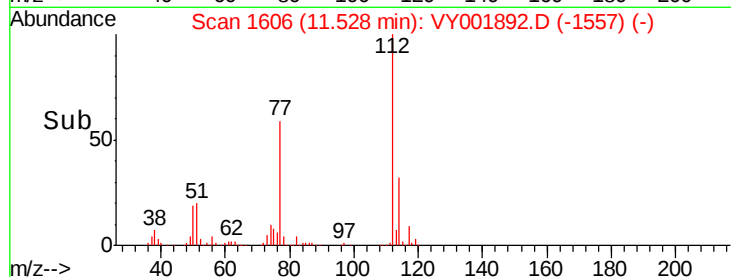
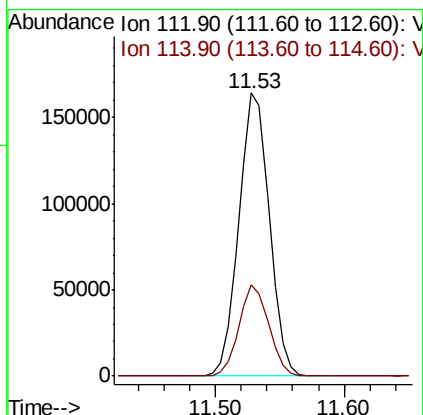
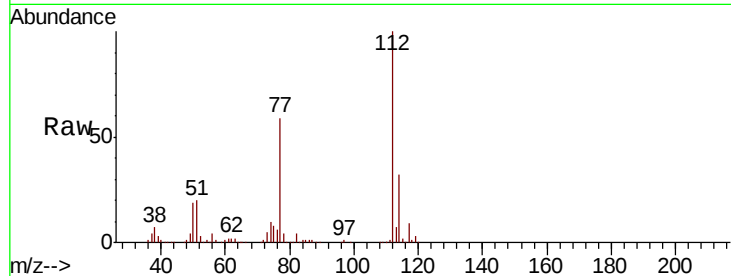




#65
Chlorobenzene
Concen: 51.293 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

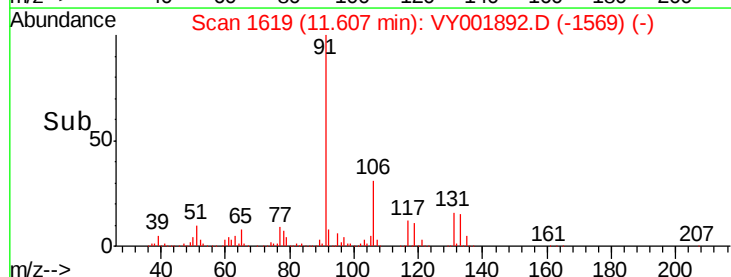
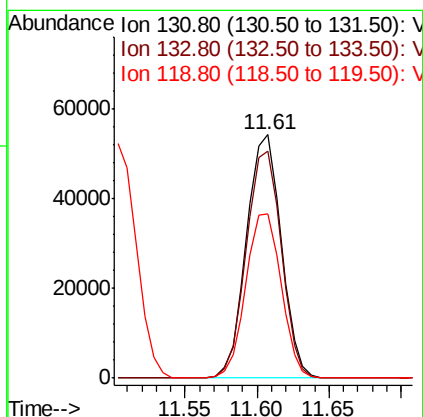
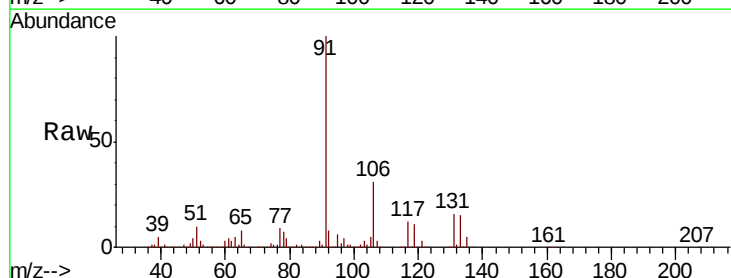
Instrument :
MSVOA_Y
ClientSampleId :

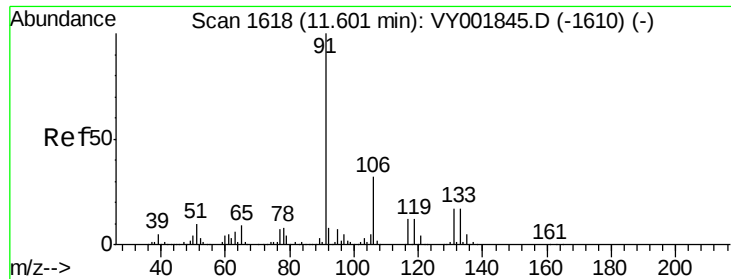
Tot Ion:112 Resp: 267839
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.069 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:131 Resp: 90874
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 68.6 34.5 103.6

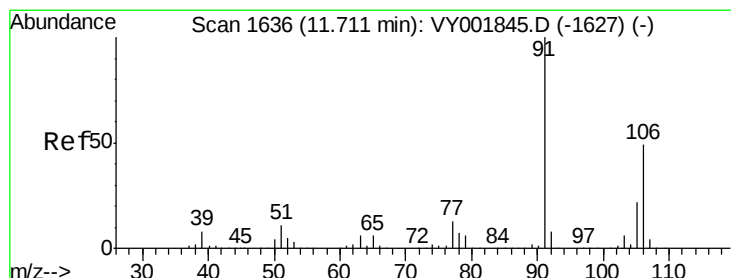
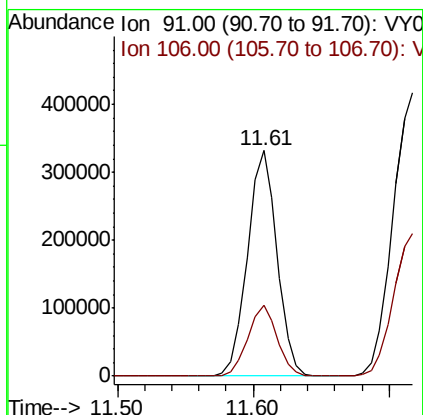
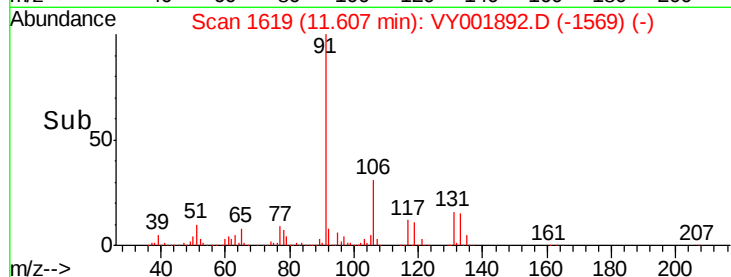
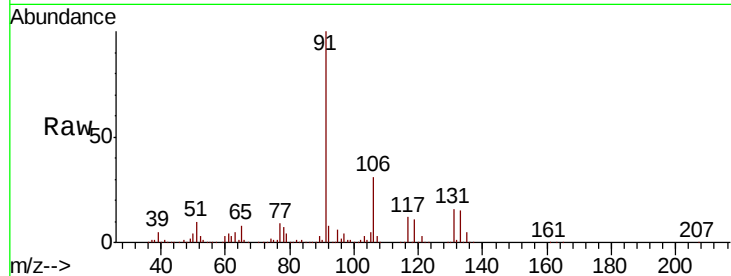




#67
Ethvl Benzene
Concen: 51.690 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

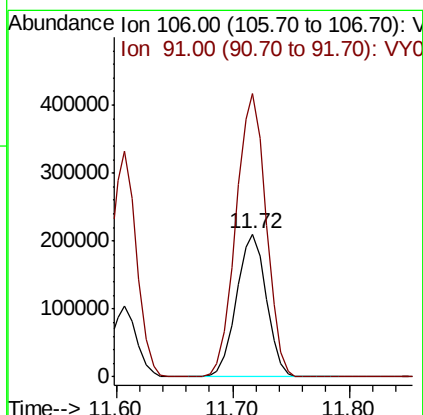
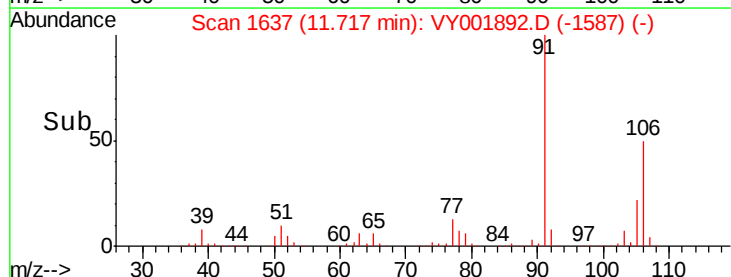
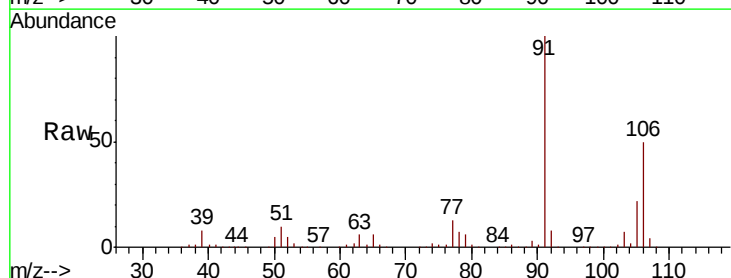
Instrument :
MSVOA_Y
ClientSampleId :

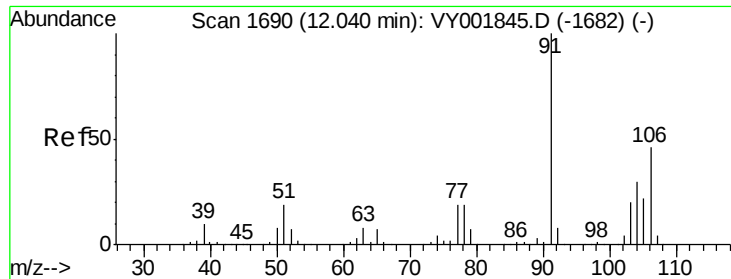
Tot Ion: 91 Resp: 503383
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 104.180 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 106 Resp: 375092
Ion Ratio Lower Upper
106 100
91 200.9 161.3 241.9

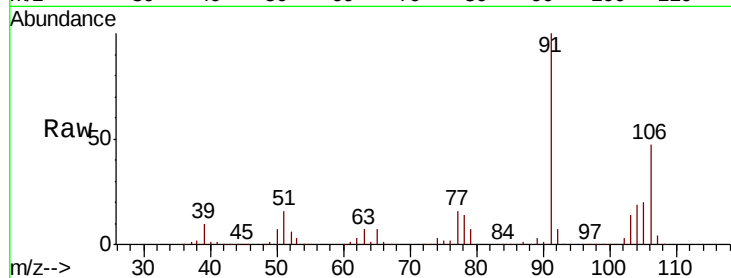




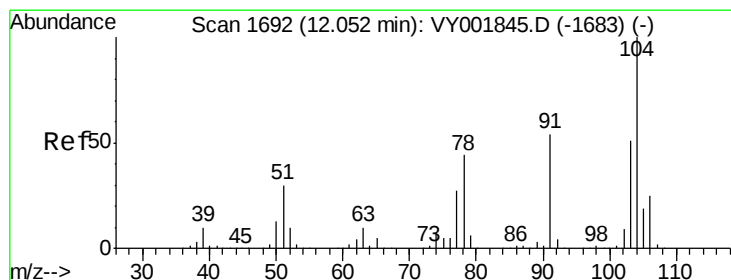
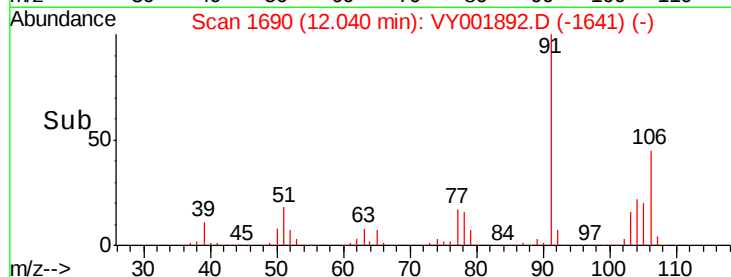
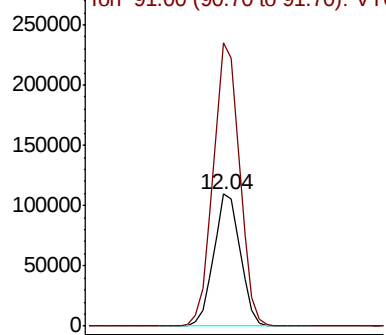
#69
o-Xylene
Concen: 51.600 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 175103
Ion Ratio Lower Upper
106 100
91 213.0 106.8 320.4

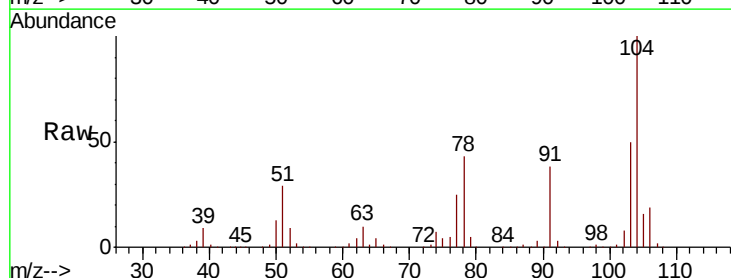


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

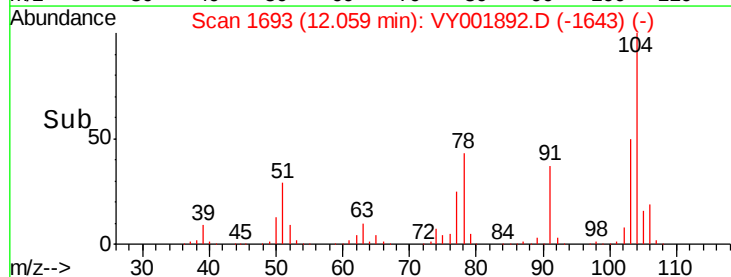
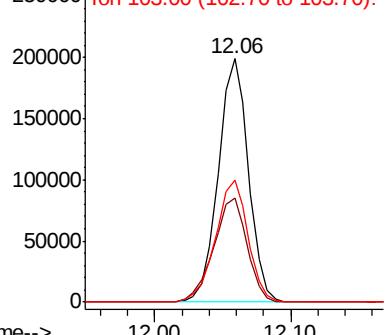


#70
Styrene
Concen: 52.937 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:104 Resp: 307676
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.1 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

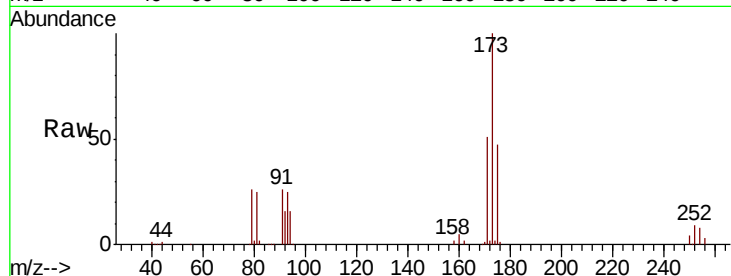




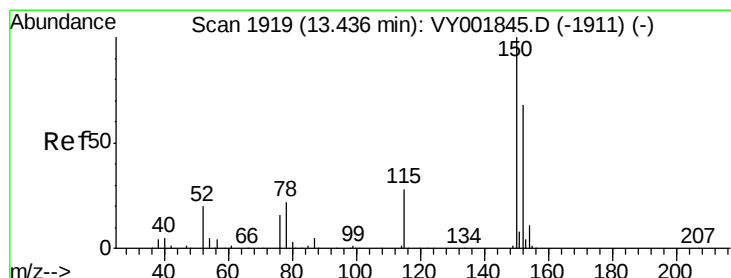
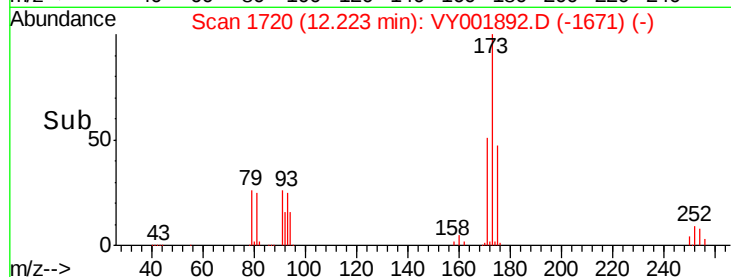
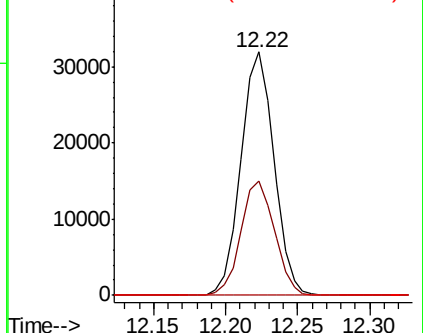
#71
Bromoform
Concen: 54.800 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 50890
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0

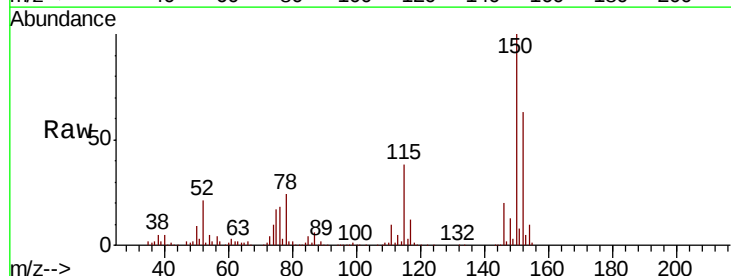


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

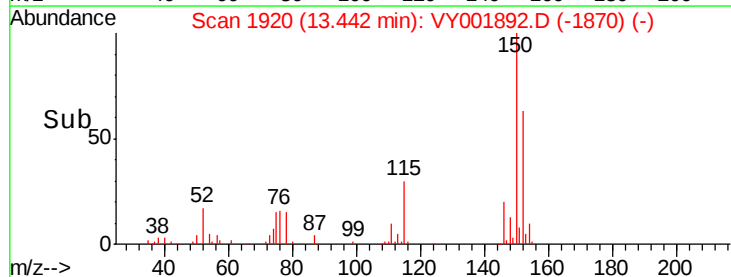
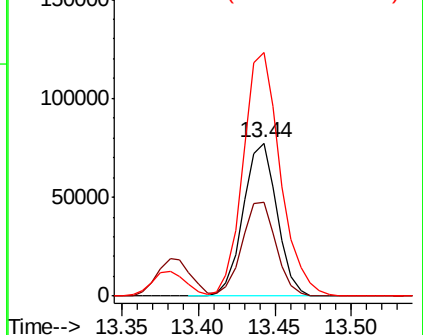


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:152 Resp: 118845
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 174.9 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

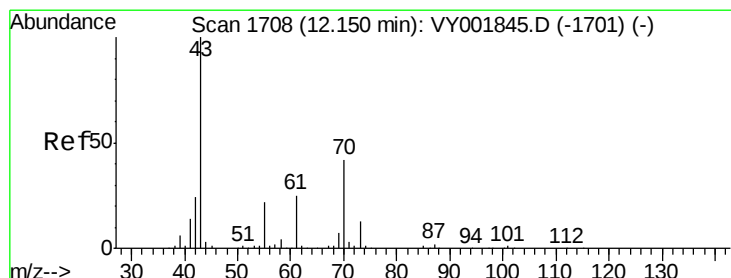
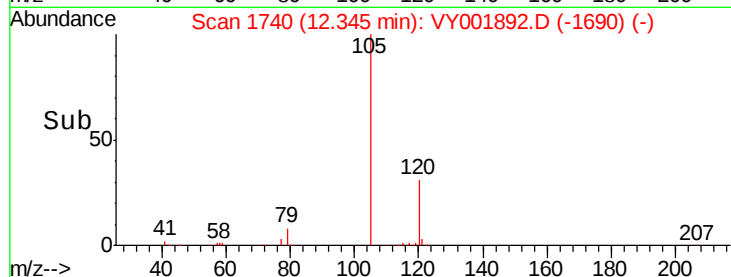
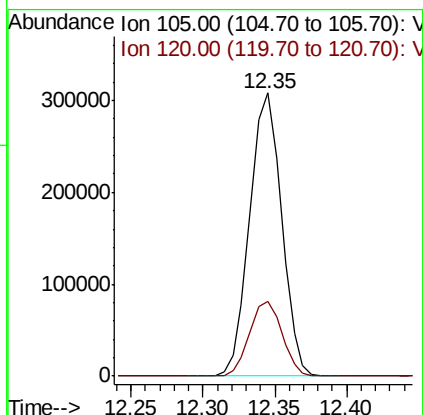
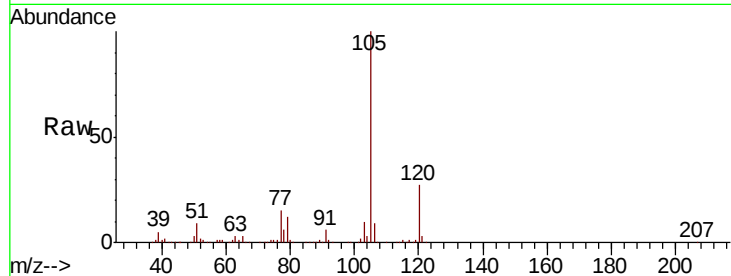




#73
Isopropylbenzene
Concen: 52.096 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

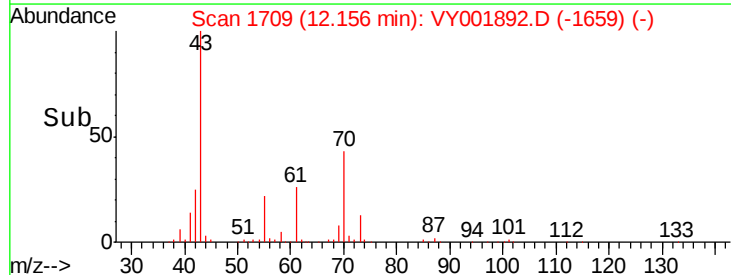
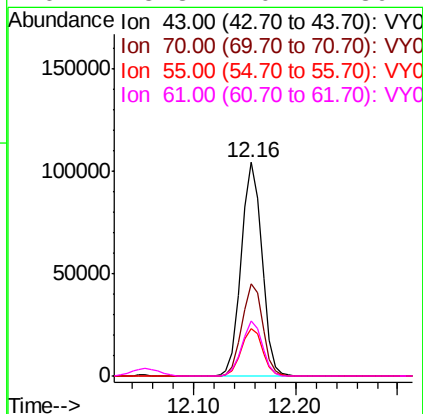
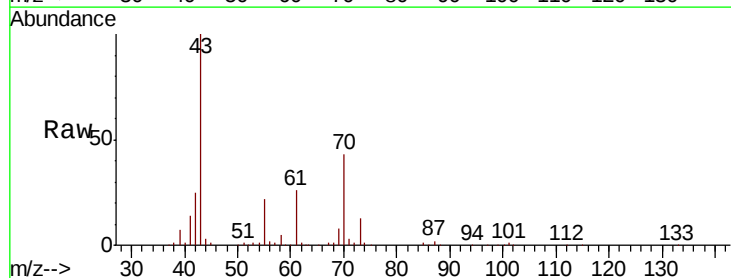
Instrument :
MSVOA_Y
ClientSampleId :

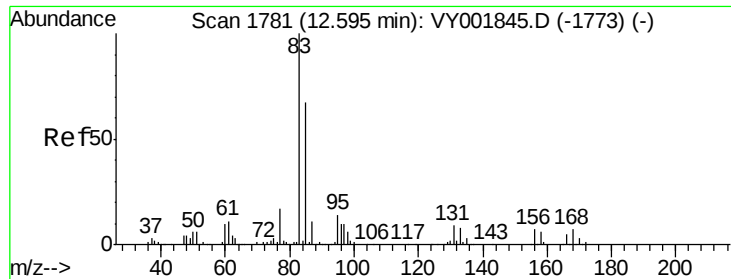
Tot Ion: 105 Resp: 472630
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 52.478 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 43 Resp: 146325
Ion Ratio Lower Upper
43 100
70 43.5 34.7 52.1
55 22.9 18.2 27.4
61 25.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.498 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

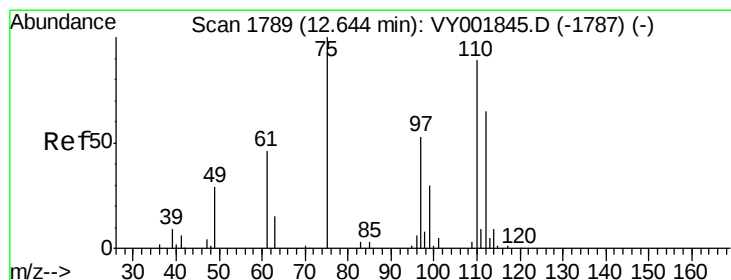
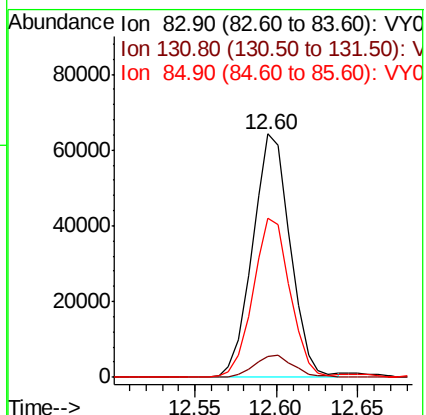
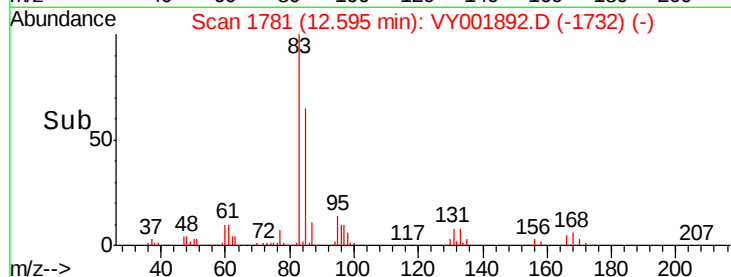
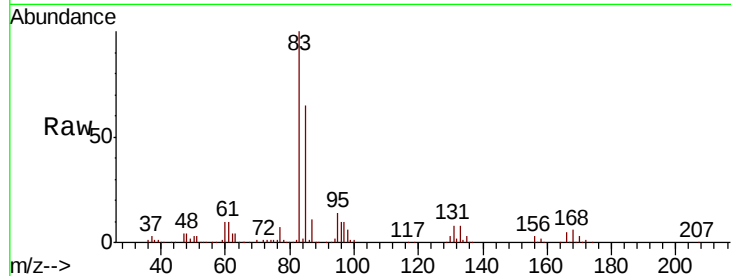
Tot Ion: 83 Resp: 102709

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 94.135 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001892.D

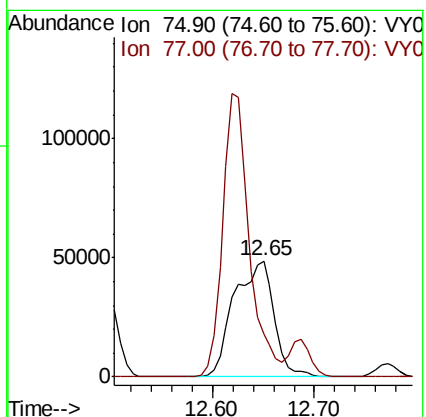
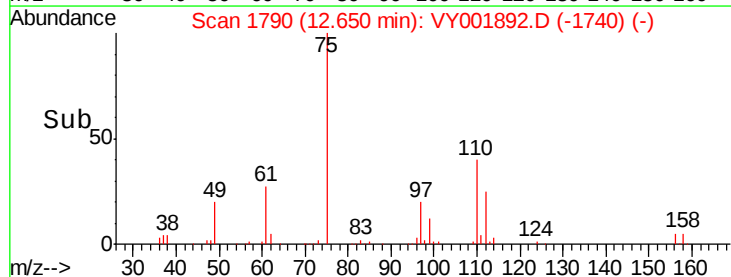
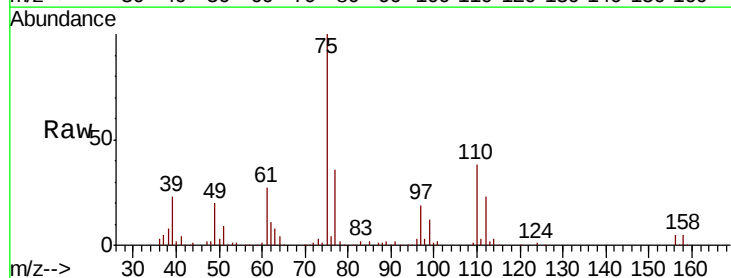
Acq: 06 Mar 2020 10:33

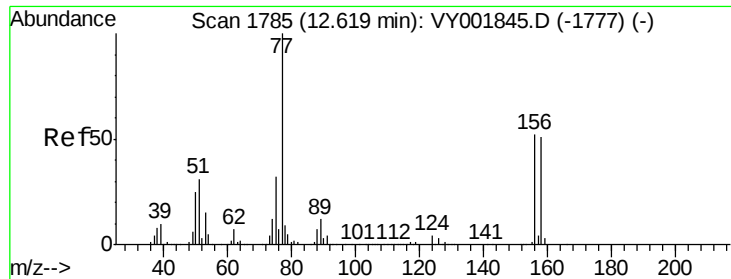
Tgt Ion: 75 Resp: 132747

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.120 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

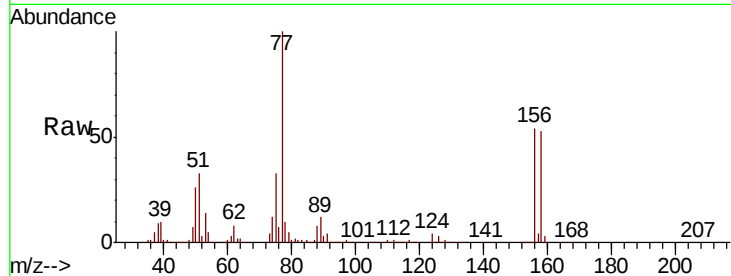
Tot Ion:156 Resp: 102105

Ion Ratio Lower Upper

156 100

77 211.3 109.0 327.0

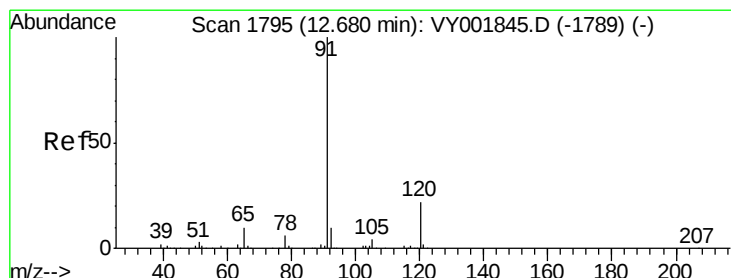
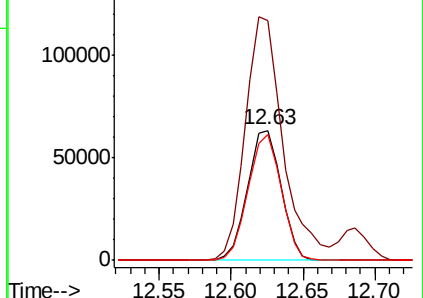
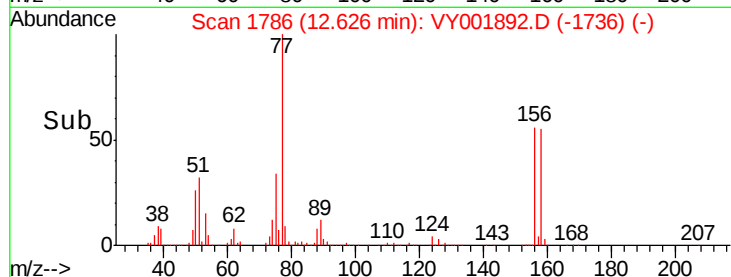
158 95.6 48.9 146.8



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: 52.338 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001892.D

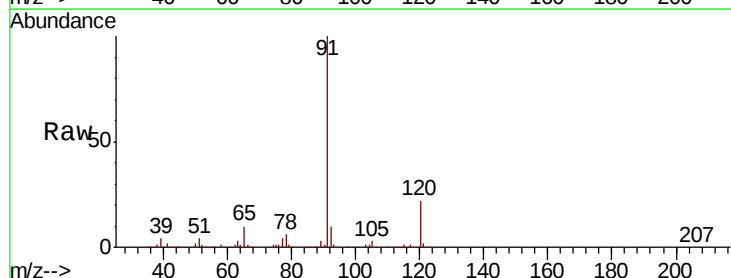
Acq: 06 Mar 2020 10:33

Tgt Ion: 91 Resp: 585795

Ion Ratio Lower Upper

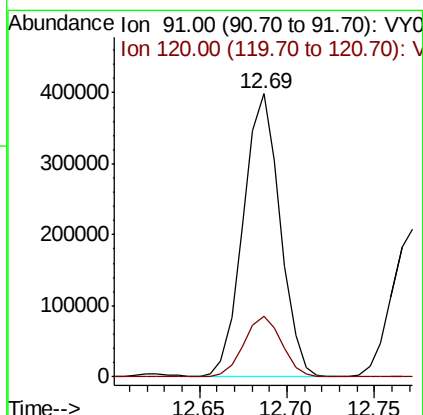
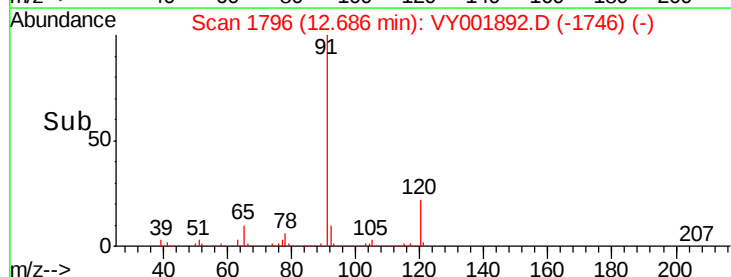
91 100

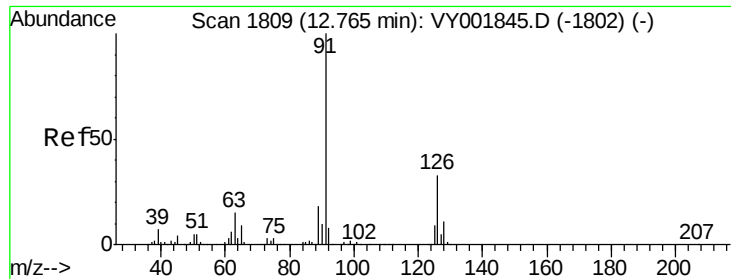
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.551 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

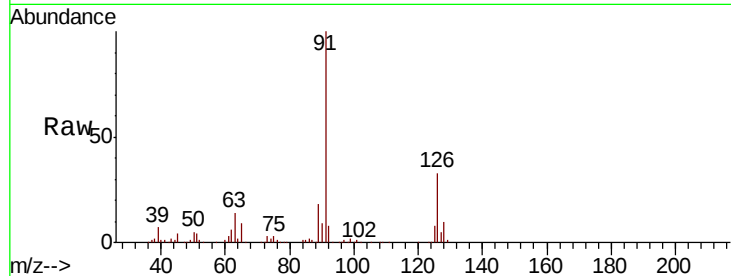
ClientSampleId :

Tot Ion: 91 Resp: 318775

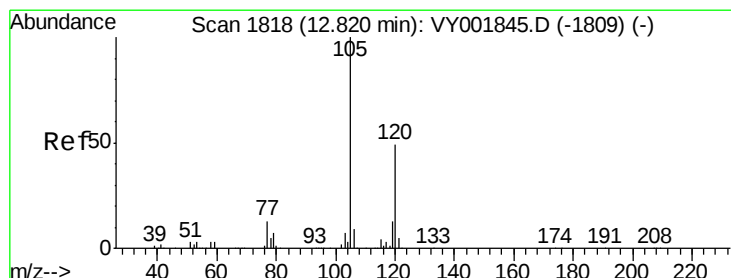
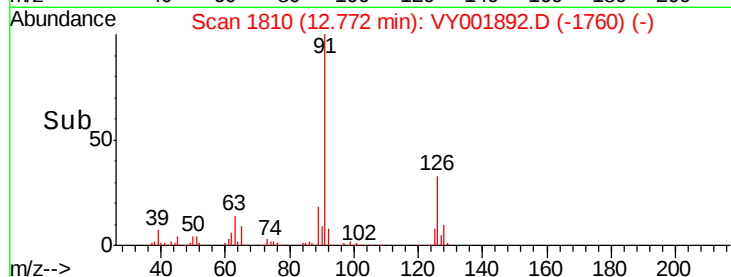
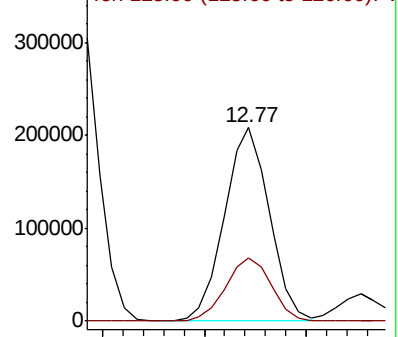
Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



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



#80

1,3,5-Trimethylbenzene

Concen: 52.321 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001892.D

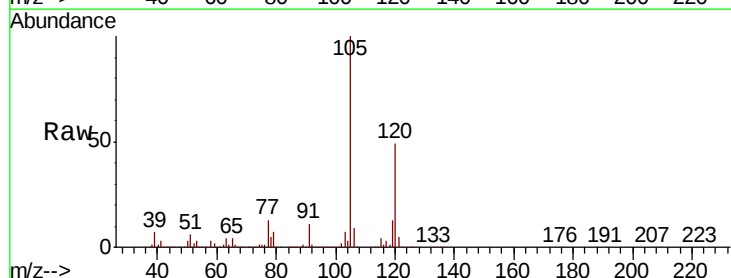
Acq: 06 Mar 2020 10:33

Tgt Ion: 105 Resp: 390768

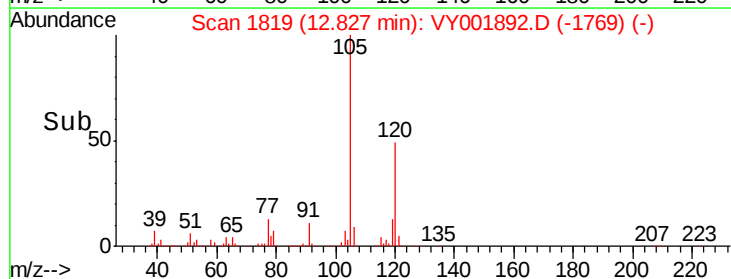
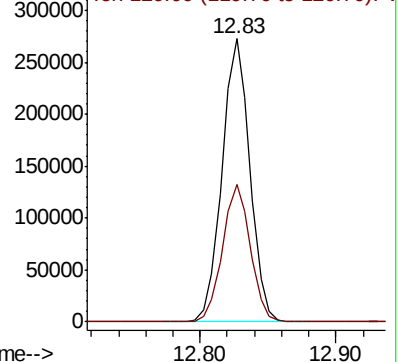
Ion Ratio Lower Upper

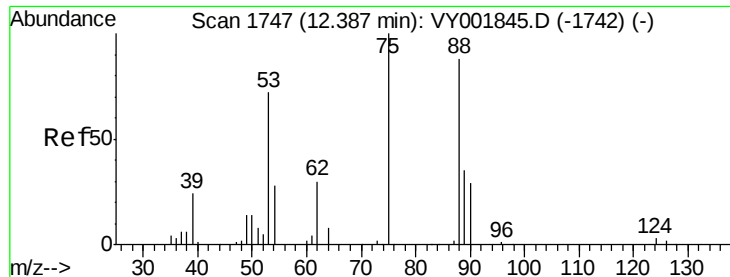
105 100

120 48.5 24.4 73.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 54.711 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

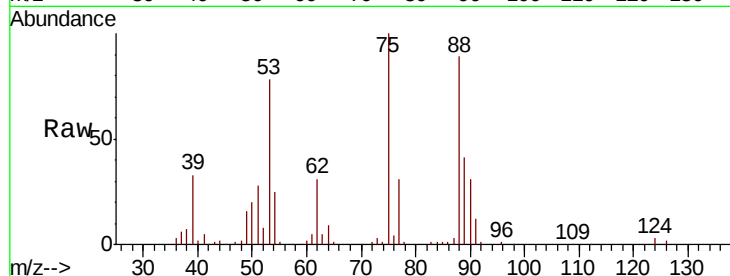
Tot Ion: 75 Resp: 38195

Ion Ratio Lower Upper

75 100

53 82.2 65.4 98.0

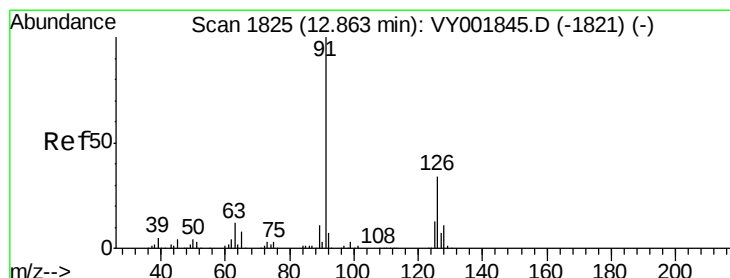
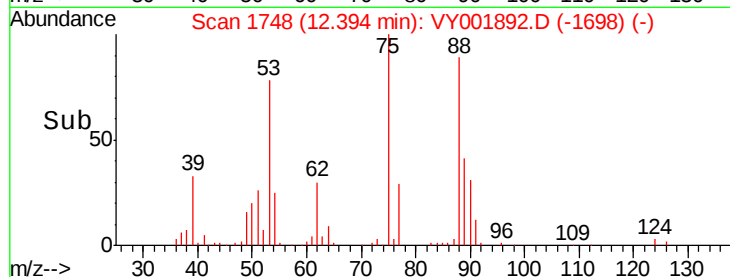
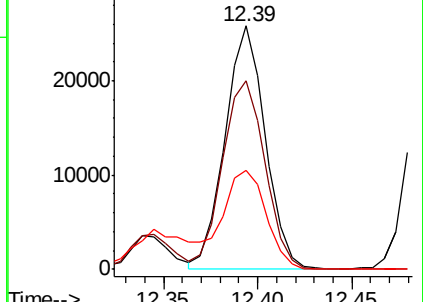
89 43.5 36.0 54.0



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: 52.504 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001892.D

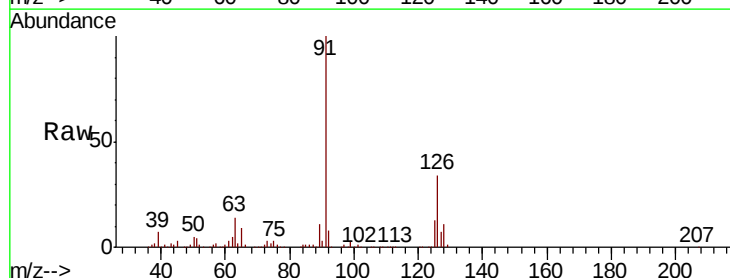
Acq: 06 Mar 2020 10:33

Tgt Ion: 91 Resp: 338044

Ion Ratio Lower Upper

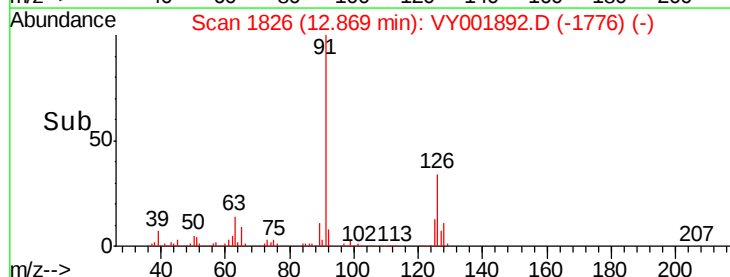
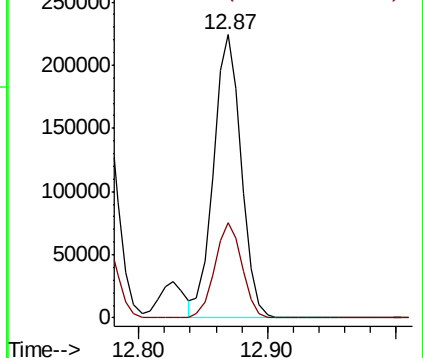
91 100

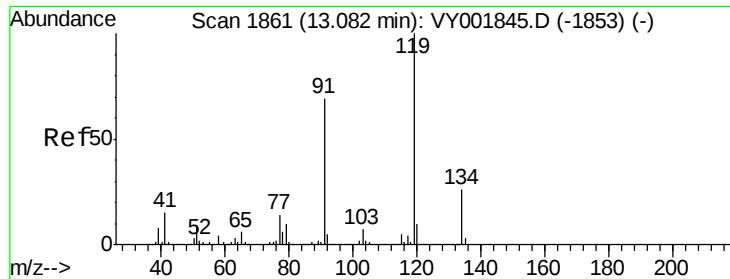
126 33.1 16.4 49.2



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

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

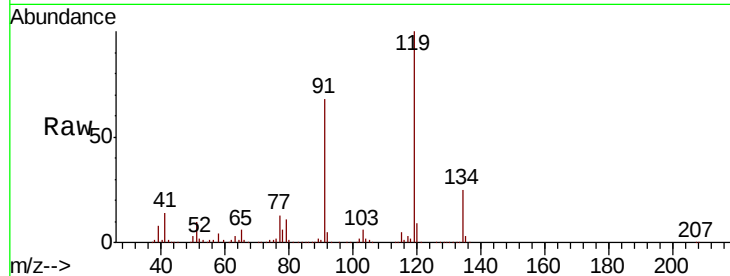




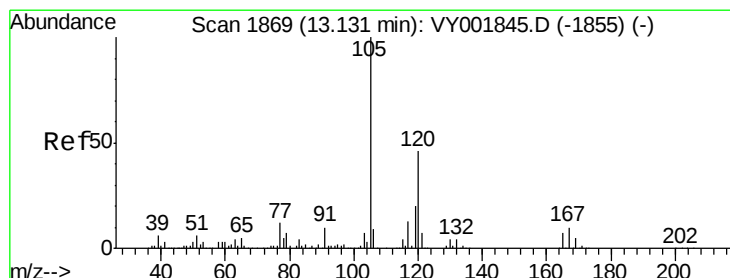
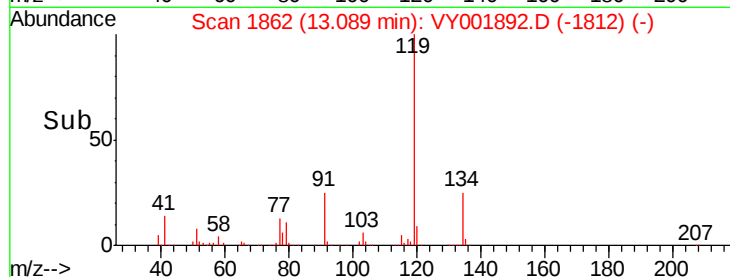
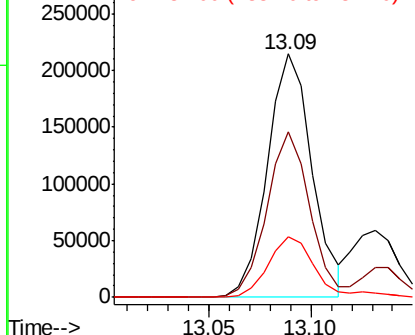
#83
tert-Butylbenzene
Concen: 52.888 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 328082
Ion Ratio Lower Upper
119 100
91 65.9 34.0 101.8
134 26.6 13.5 40.4

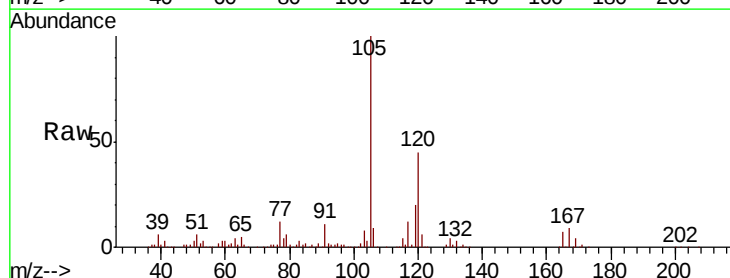


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

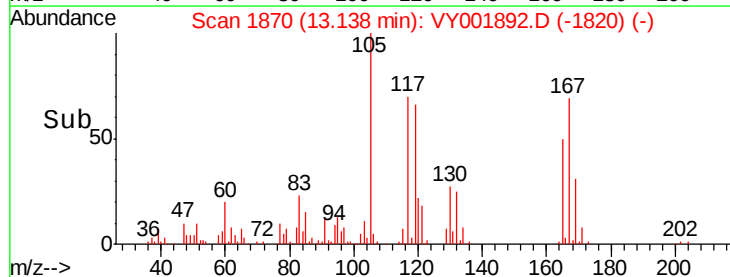
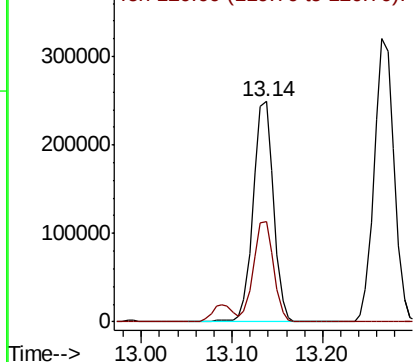


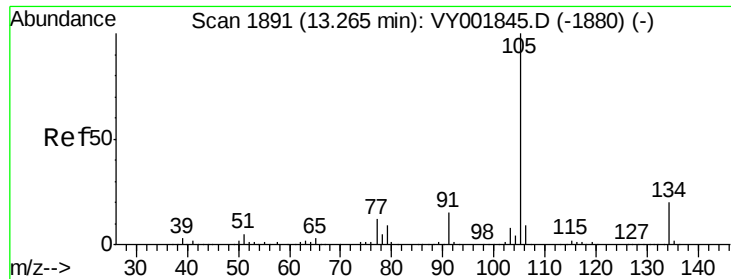
#84
1,2,4-Trimethylbenzene
Concen: 52.015 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:105 Resp: 385538
Ion Ratio Lower Upper
105 100
120 45.2 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: 53.048 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

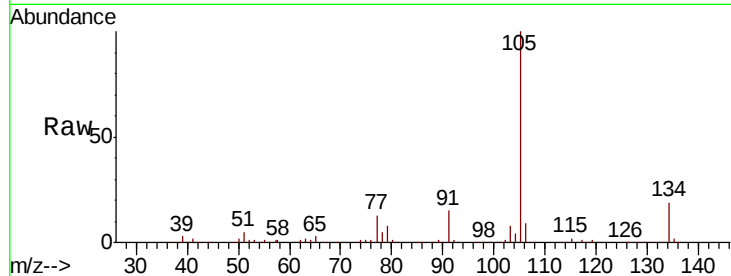
ClientSampleId :

Tot Ion:105 Resp: 485052

Ion Ratio Lower Upper

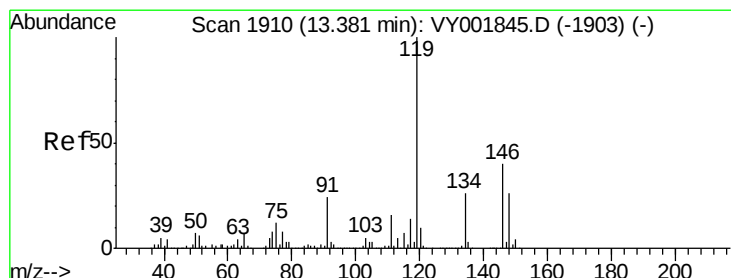
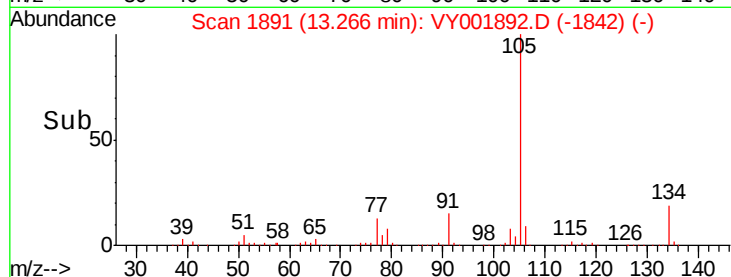
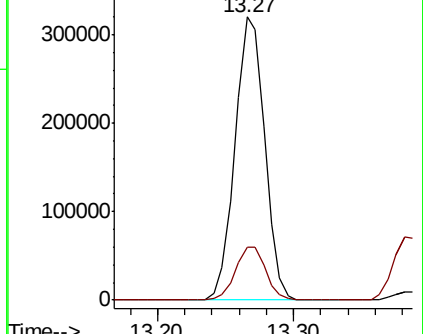
105 100

134 19.1 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: 52.419 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

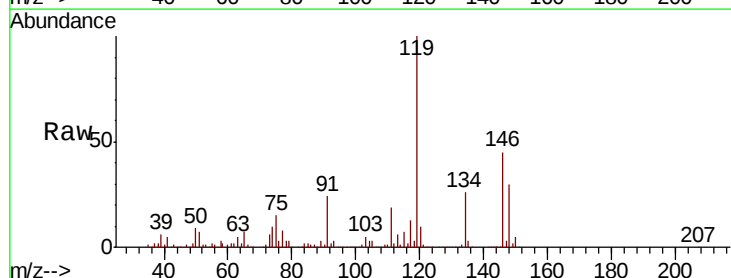
Tgt Ion:119 Resp: 413460

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

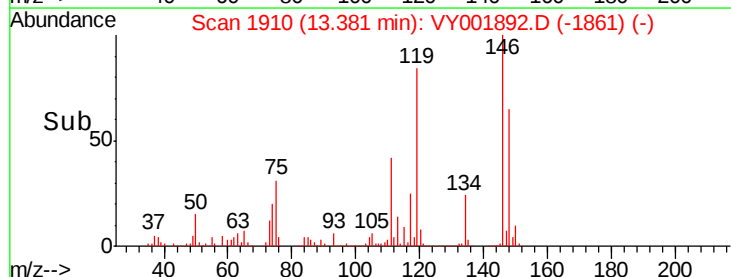
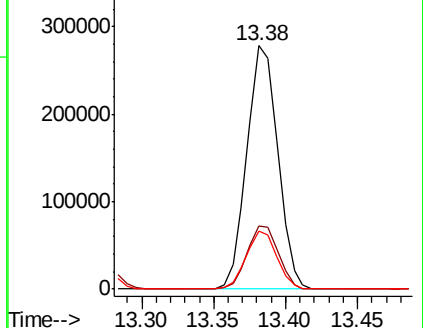
91 23.5 11.9 35.7

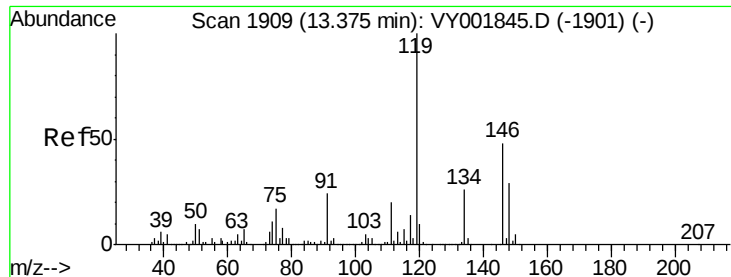


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

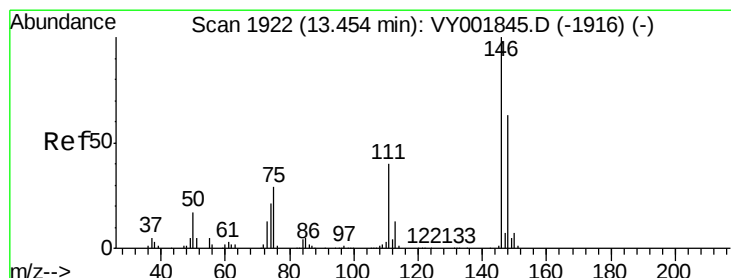
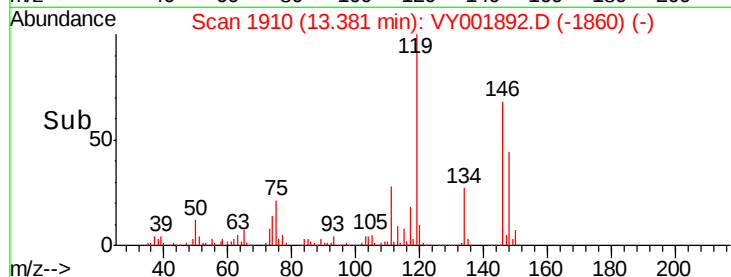
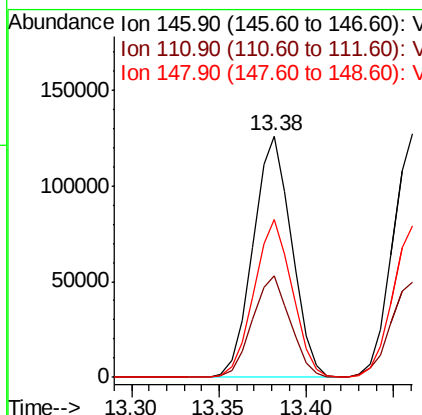
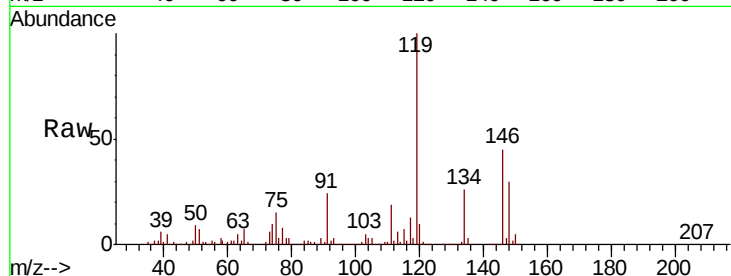




#87
 1,3-Dichlorobenzene
 Concen: 51.177 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

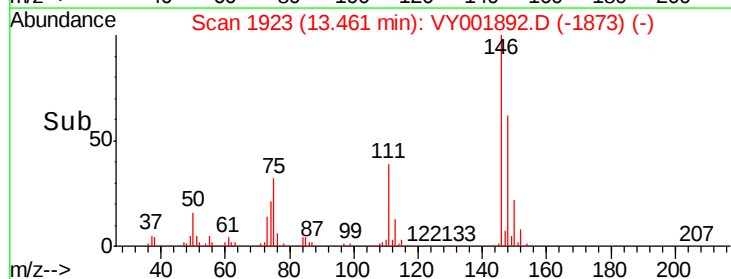
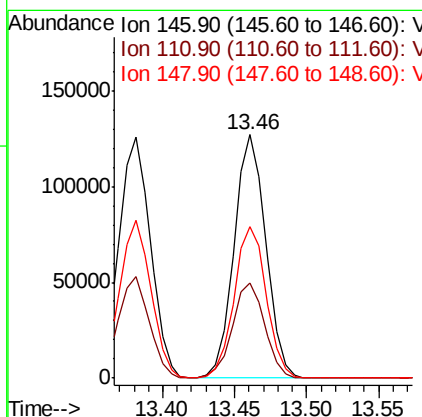
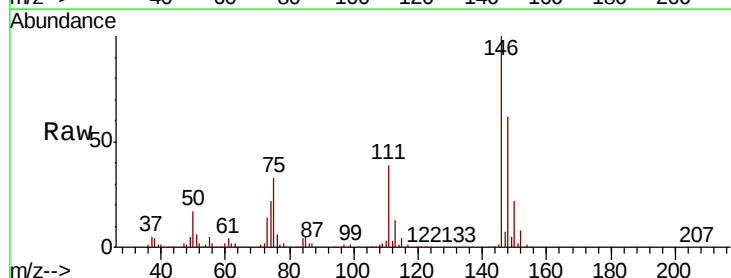
Instrument :
 MSVOA_Y
 ClientSampleId :

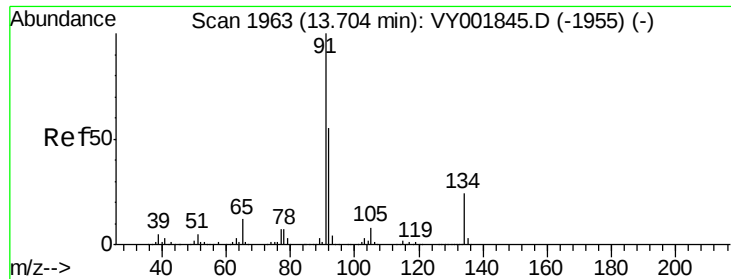
Tot Ion:146 Resp: 192763
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 64.6 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 50.981 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion:146 Resp: 194806
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.3 31.5 94.5

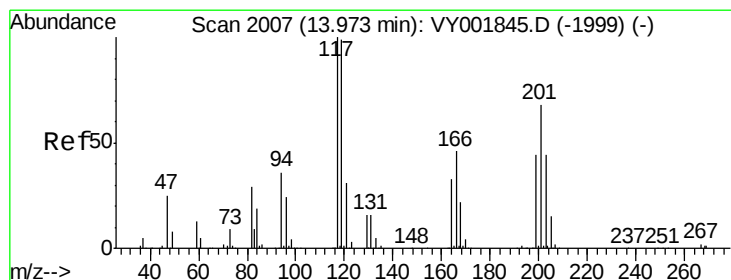
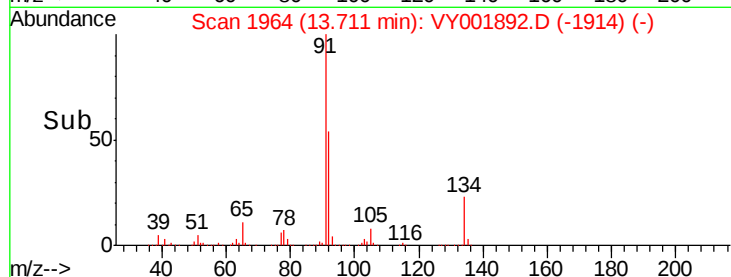
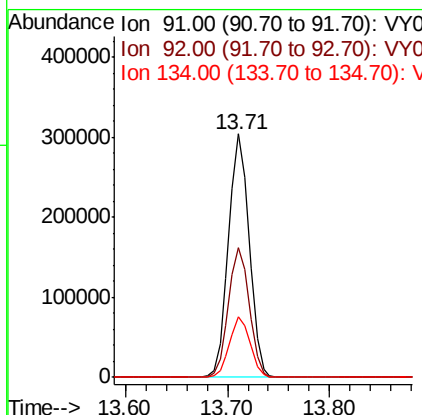
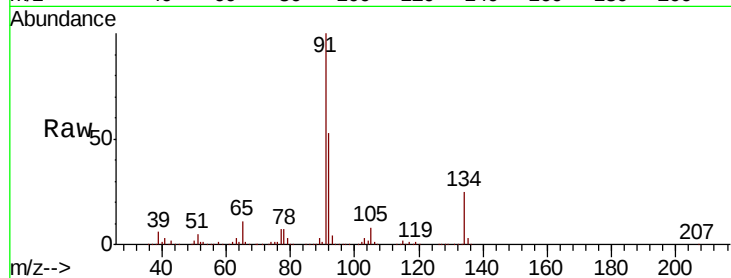




#89
n-Butylbenzene
Concen: 52.011 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

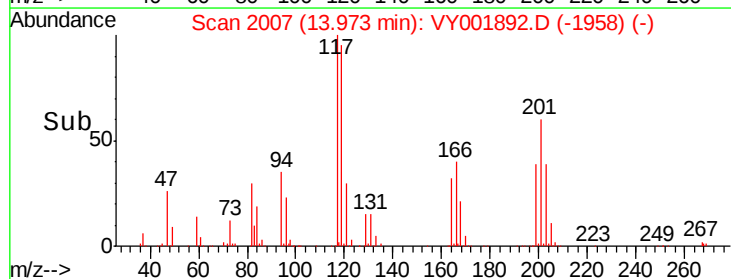
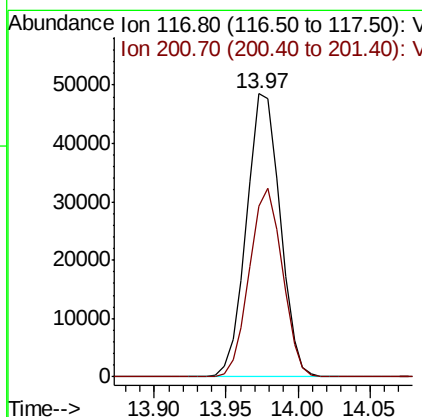
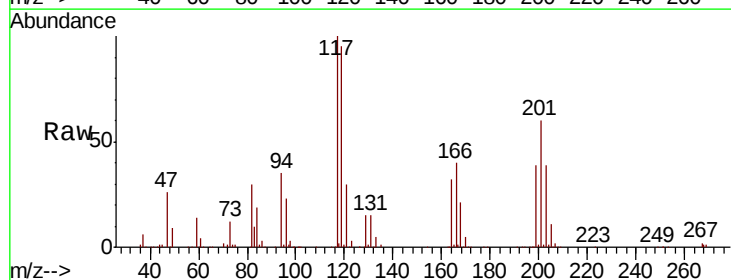
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 425625
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.4
134 24.7 12.5 37.5



#90
Hexachloroethane
Concen: 52.766 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 117 Resp: 78516
Ion Ratio Lower Upper
117 100
201 65.2 32.5 97.5

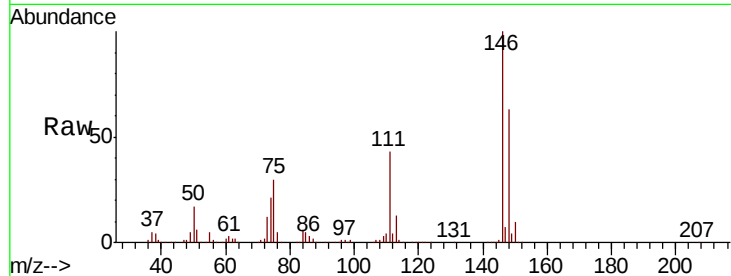




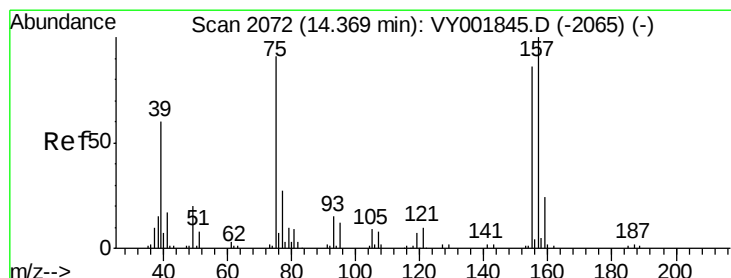
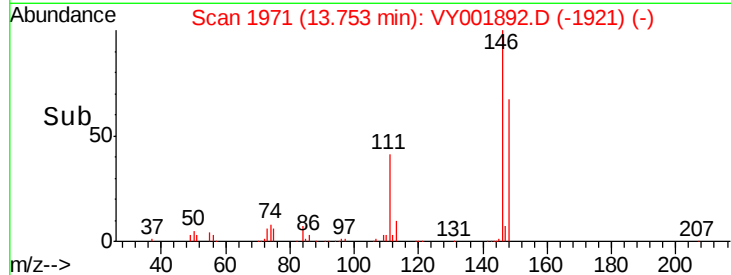
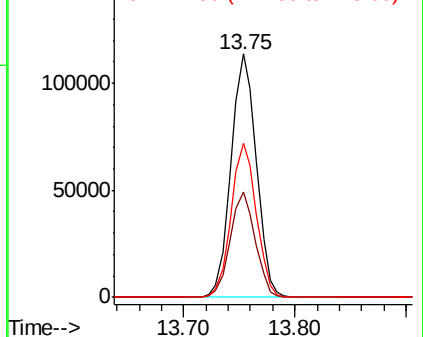
#91
 1,2-Dichlorobenzene
 Concen: 52.000 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:146 Resp: 177939
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 63.1 32.0 96.0

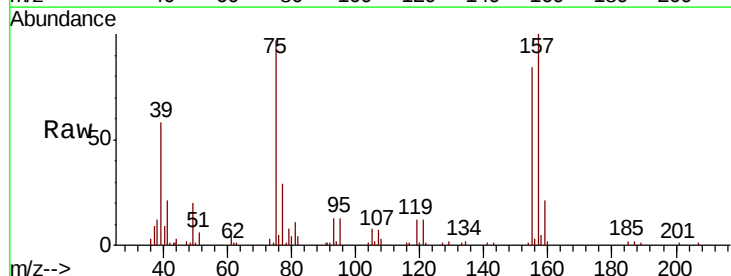


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

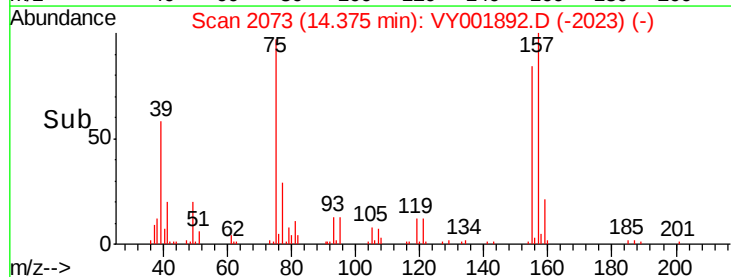
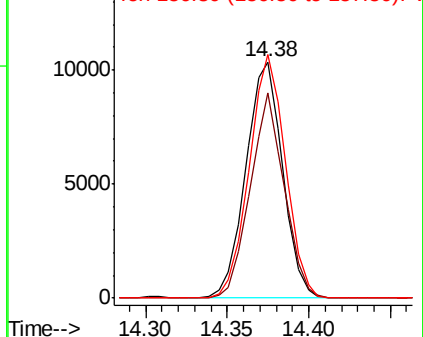


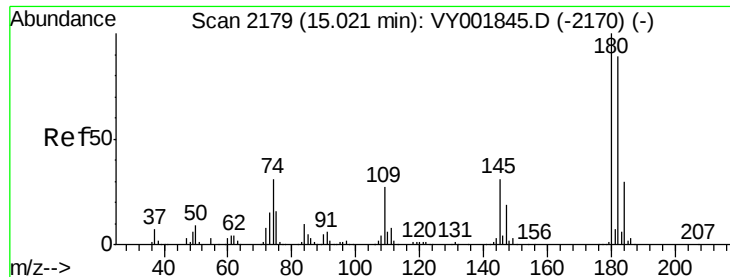
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.081 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 75 Resp: 16205
 Ion Ratio Lower Upper
 75 100
 155 80.2 42.9 128.7
 157 101.4 53.1 159.4



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

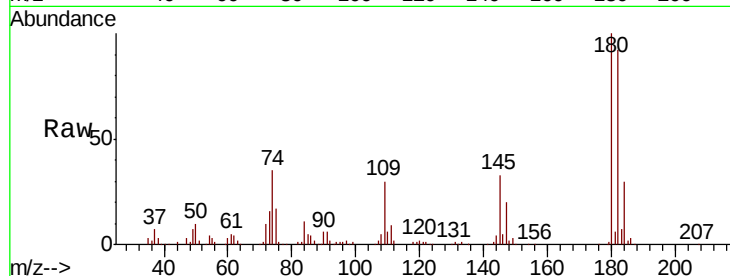




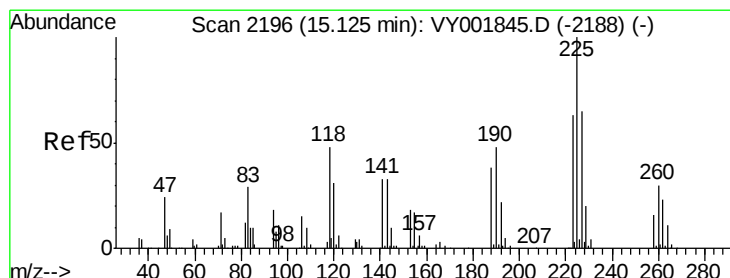
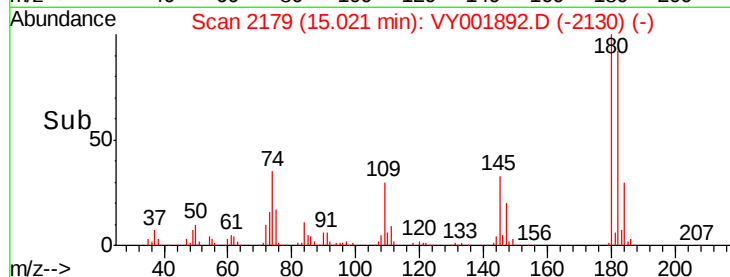
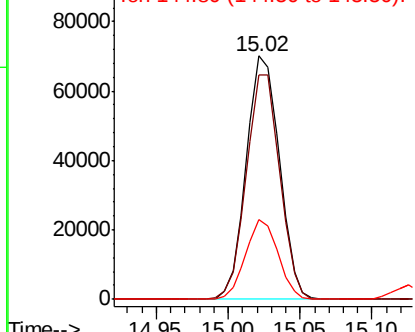
#93
1,2,4-Trichlorobenzene
Concen: 50.316 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:180 Resp: 111660
Ion Ratio Lower Upper
180 100
182 93.1 46.1 138.3
145 32.3 15.6 46.8

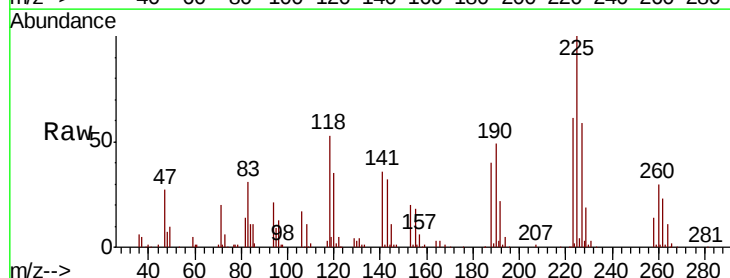


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

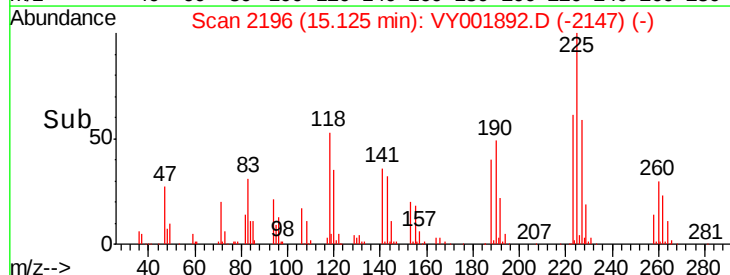
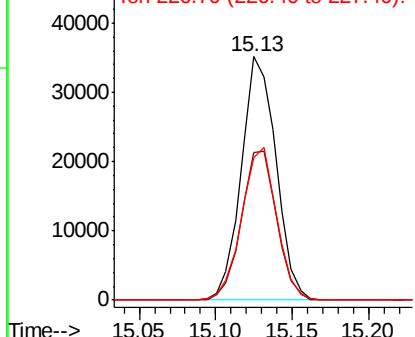


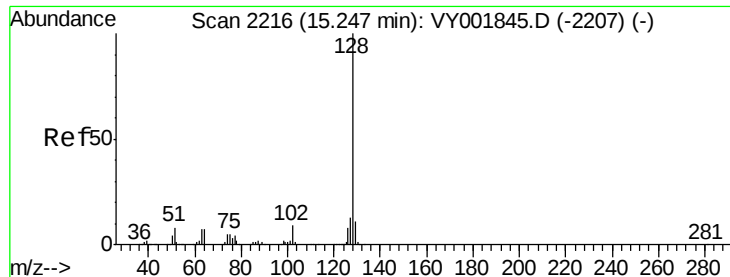
#94
Hexachlorobutadiene
Concen: 51.219 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:225 Resp: 55415
Ion Ratio Lower Upper
225 100
223 62.2 31.5 94.5
227 63.1 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: 50.446 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

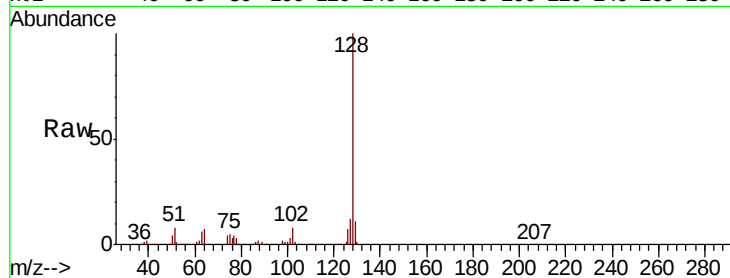
Tot Ion:128 Resp: 265536

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

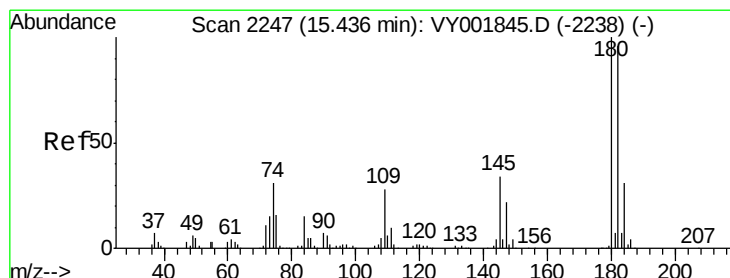
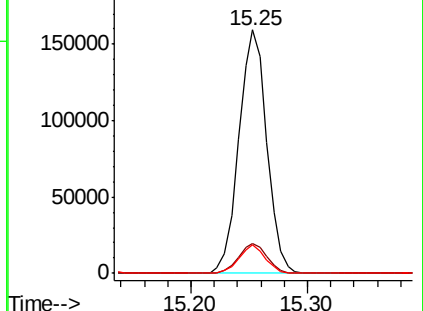
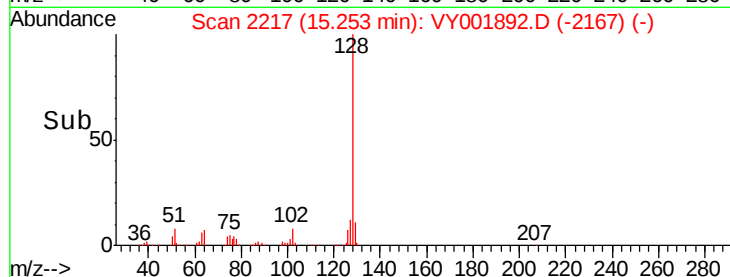
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.006 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

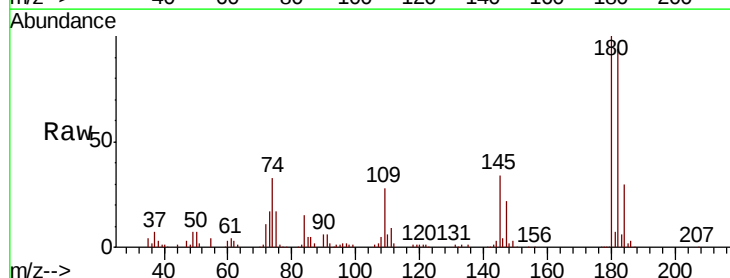
Tgt Ion:180 Resp: 99714

Ion Ratio Lower Upper

180 100

182 92.8 47.6 142.9

145 32.8 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

