

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001868.D
 Acq On : 05 Mar 2020 09:45
 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 04:34:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	172124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	94298	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.74	113	88916	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.19	98	376012	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.49	95	129422	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77532	48.798	ug/l	98
3) Chloromethane	2.13	50	108155	50.490	ug/l	97
4) Vinyl Chloride	2.27	62	110640	50.778	ug/l	99
5) Bromomethane	2.67	94	72142	57.575	ug/l	97
6) Chloroethane	2.82	64	70590	51.574	ug/l	95
7) Trichlorofluoromethane	3.15	101	149930	50.738	ug/l	99
8) Diethyl Ether	3.55	74	60139	51.637	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	96338	50.688	ug/l	100
10) Methyl Iodide	4.12	142	115859	52.712	ug/l	99
11) Tert butyl alcohol	4.99	59	44618	231.674	ug/l	97
12) 1,1-Dichloroethene	3.90	96	99699	52.097	ug/l	99
13) Acrolein	3.75	56	60364	233.772	ug/l	97
14) Allyl chloride	4.51	41	177146	52.215	ug/l	99
15) Acrylonitrile	5.20	53	159847	256.845	ug/l	100
16) Acetone	3.98	43	150364	280.948	ug/l	98
17) Carbon Disulfide	4.22	76	329245	51.179	ug/l	100
18) Methyl Acetate	4.51	43	68189	49.586	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	265234	51.144	ug/l	96
20) Methylene Chloride	4.75	84	109977	47.946	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	110838	51.028	ug/l	96
22) Diisopropyl ether	6.15	45	357524	51.410	ug/l	99
23) Vinyl Acetate	6.10	43	1195398	262.205	ug/l	98
24) 1,1-Dichloroethane	6.05	63	191593	50.875	ug/l	98
25) 2-Butanone	7.02	43	217160	266.816	ug/l	100
26) 2,2-Dichloropropane	7.01	77	157479	50.948	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	120595	51.040	ug/l	99
28) Bromochloromethane	7.36	49	87878	51.769	ug/l	97
29) Tetrahydrofuran	7.38	42	137694	254.763	ug/l	100
30) Chloroform	7.53	83	180510	51.017	ug/l	99
31) Cyclohexane	7.81	56	199205	49.333	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	151758	50.889	ug/l	99
36) 1,1-Dichloropropene	7.94	75	153857	51.262	ug/l	99
37) Ethyl Acetate	7.10	43	89960	51.571	ug/l	99
38) Carbon Tetrachloride	7.92	117	133614	52.113	ug/l	99

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

39) Methylcyclohexane	9.20	83	202279	50.814	ug/l	99
40) Benzene	8.18	78	454429	51.082	ug/l	100
41) Methacrylonitrile	7.38	41	122455	155.984	ug/l #	21
42) 1,2-Dichloroethane	8.26	62	116888	50.990	ug/l	100
43) Isopropyl Acetate	8.29	43	171836	52.030	ug/l	98
44) Trichloroethene	8.96	130	110065	50.802	ug/l	97
45) 1,2-Dichloropropane	9.24	63	115130	51.482	ug/l	100
46) Dibromomethane	9.32	93	57418	49.823	ug/l	98
47) Bromodichloromethane	9.52	83	139694	52.109	ug/l	99
48) Methyl methacrylate	9.31	41	76336	52.090	ug/l	95
49) 1,4-Dioxane	9.32	88	15841	1003.161	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	446561	262.514	ug/l	100
52) Toluene	10.25	92	278920	51.612	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	153207	52.456	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	181106	52.088	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	86425	51.243	ug/l	97
56) Ethyl methacrylate	10.52	69	130666	52.857	ug/l	97
57) 1,3-Dichloropropane	10.80	76	154070	51.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	202960	232.622	ug/l	100
59) 2-Hexanone	10.85	43	327931	270.088	ug/l	99
60) Dibromochloromethane	11.00	129	92777	52.205	ug/l	99
61) 1,2-Dibromoethane	11.10	107	82102	51.391	ug/l	99
64) Tetrachloroethene	10.73	164	88242	50.760	ug/l	97
65) Chlorobenzene	11.53	112	281949	51.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	95155	52.534	ug/l	99
67) Ethyl Benzene	11.60	91	530595	51.508	ug/l	97
68) m/p-Xylenes	11.71	106	395564	103.864	ug/l	99
69) o-Xylene	12.04	106	186413	51.932	ug/l	98
70) Styrene	12.05	104	323675	52.648	ug/l	99
71) Bromoform	12.22	173	52222	53.163	ug/l #	100
73) Isopropylbenzene	12.34	105	497446	50.774	ug/l	99
74) N-amyl acetate	12.16	43	157356	52.258	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108912	51.550	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	141420	92.865	ug/l #	100
77) Bromobenzene	12.62	156	105377	50.766	ug/l	99
78) n-propylbenzene	12.68	91	617075	51.053	ug/l	100
79) 2-Chlorotoluene	12.77	91	337661	50.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	408479	50.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	40281	53.429	ug/l	98
82) 4-Chlorotoluene	12.86	91	352074	50.637	ug/l	99
83) tert-Butylbenzene	13.09	119	351394	52.454	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	409160	51.117	ug/l	100
85) sec-Butylbenzene	13.27	105	510520	51.702	ug/l	100
86) p-Isopropyltoluene	13.38	119	438314	51.458	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	206141	50.679	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	204755	49.619	ug/l	98
89) n-Butylbenzene	13.70	91	452317	51.183	ug/l	99
90) Hexachloroethane	13.97	117	84304	52.463	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	187356	50.700	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	16663	50.542	ug/l	98

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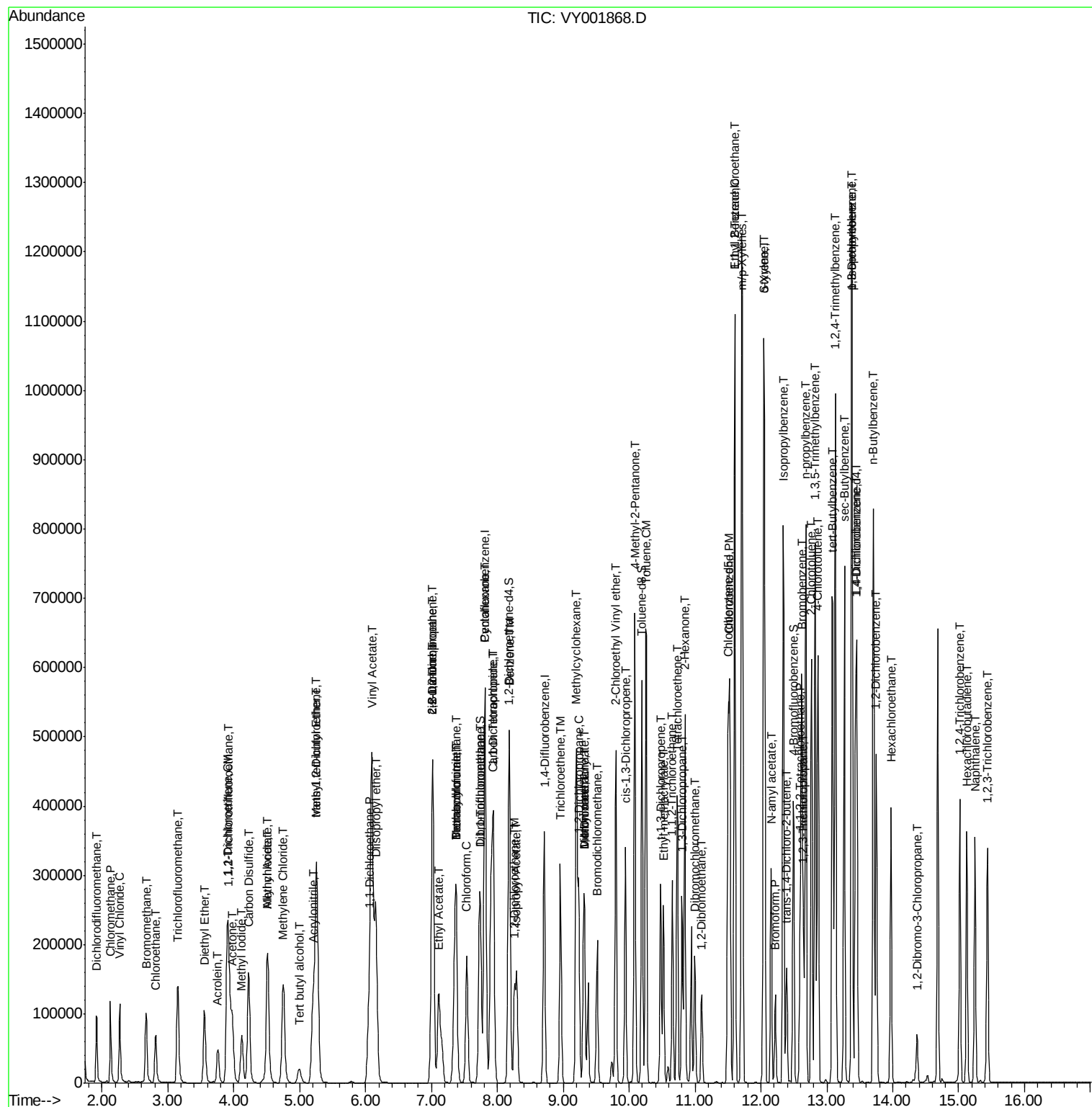
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	121009	50.494	ug/l	99
94) Hexachlorobutadiene	15.12	225	60160	51.490	ug/l	99
95) Naphthalene	15.25	128	287920	50.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106256	50.331	ug/l	99

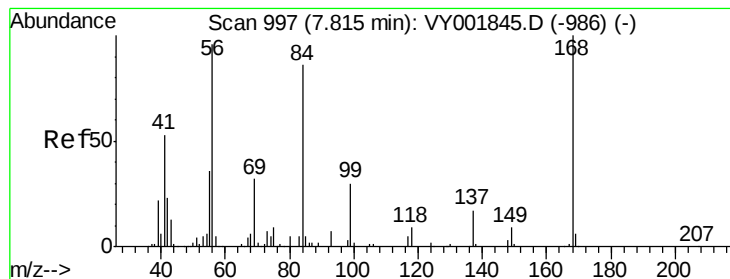
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

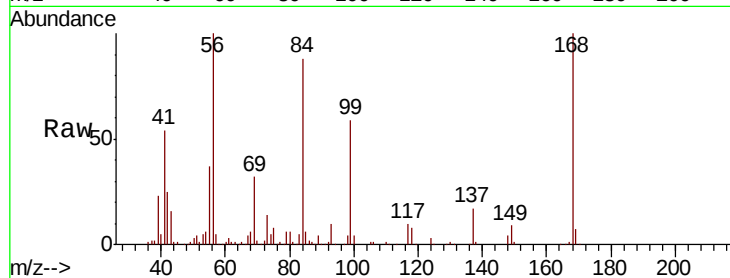
ClientSampleId :

Tot Ion:168 Resp: 172124

Ion Ratio Lower Upper

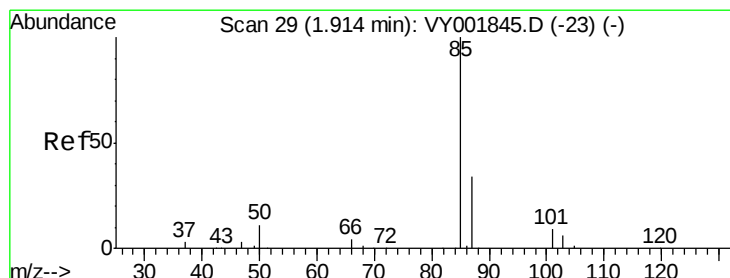
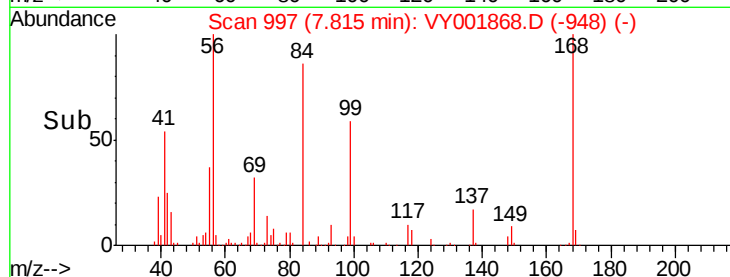
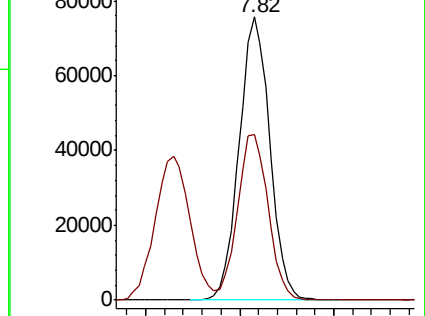
168 100

99 58.6 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) (-)



#2

Dichlorodifluoromethane

Concen: 48.798 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001868.D

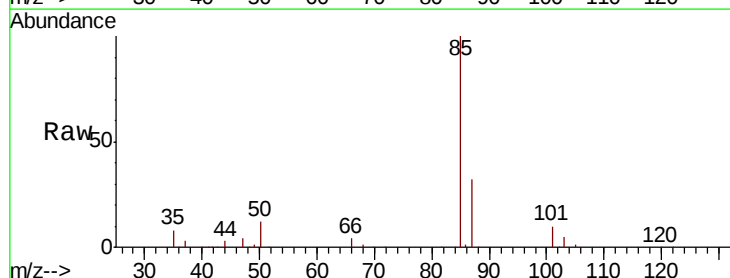
Acq: 05 Mar 2020 09:45

Tgt Ion: 85 Resp: 77532

Ion Ratio Lower Upper

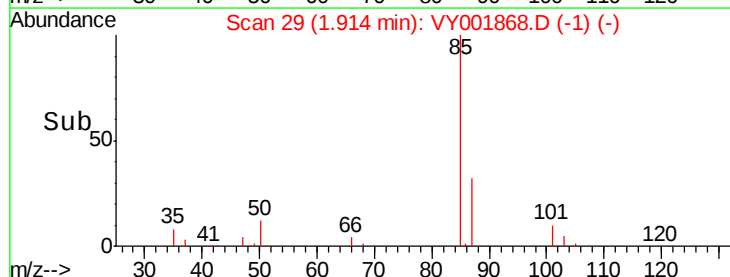
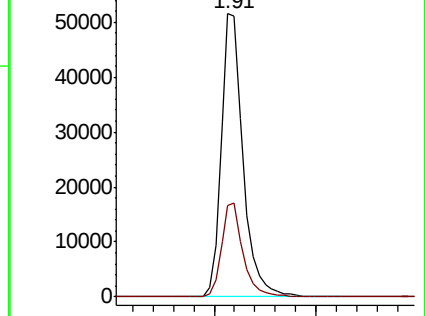
85 100

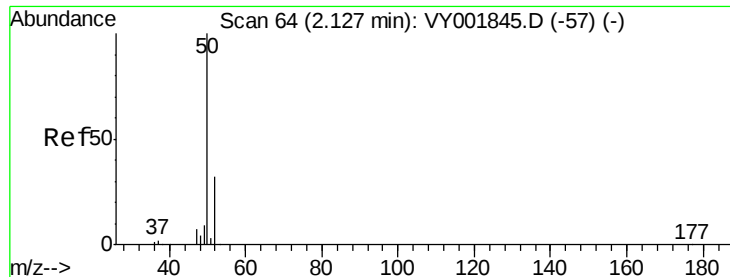
87 32.3 16.8 50.4



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

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





#3

Chloromethane

Concen: 50.490 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

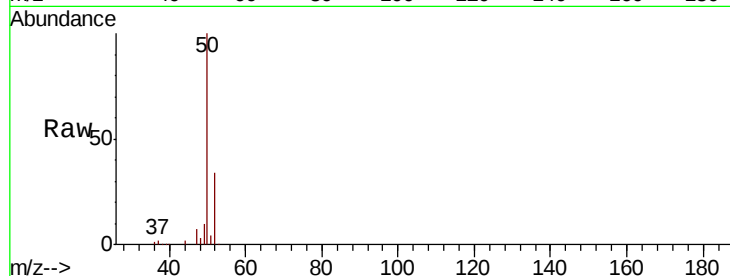
ClientSampleId :

Tot Ion: 50 Resp: 108155

Ion Ratio Lower Upper

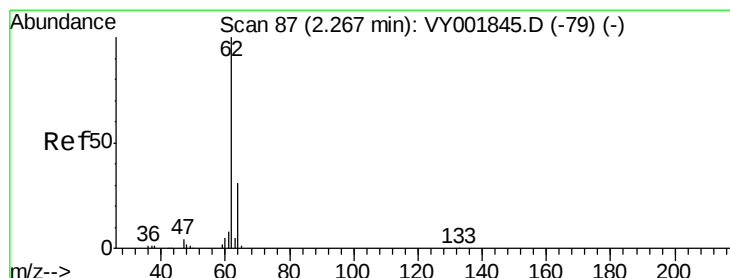
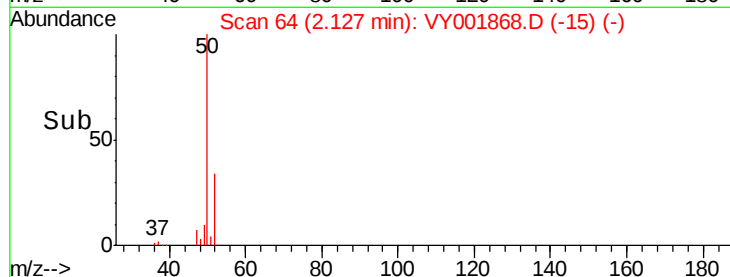
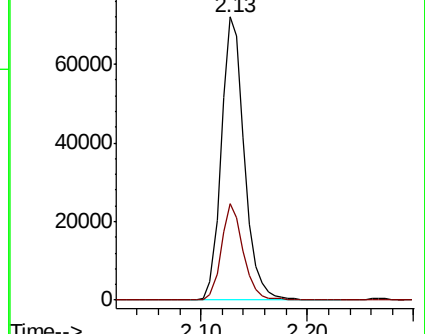
50 100

52 34.0 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: 50.778 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001868.D

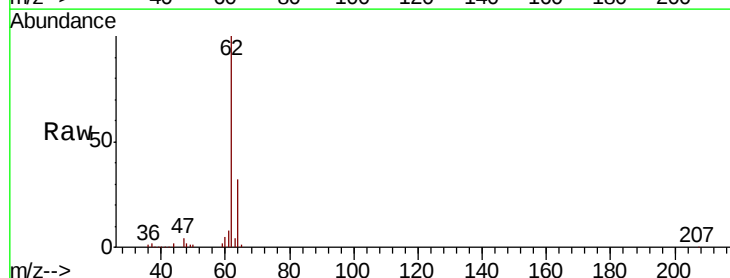
Acq: 05 Mar 2020 09:45

Tgt Ion: 62 Resp: 110640

Ion Ratio Lower Upper

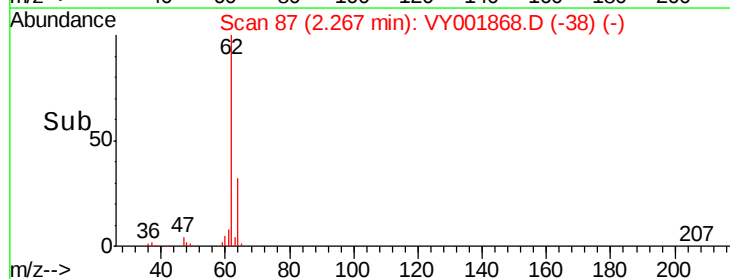
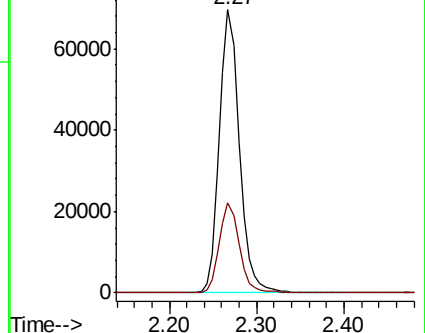
62 100

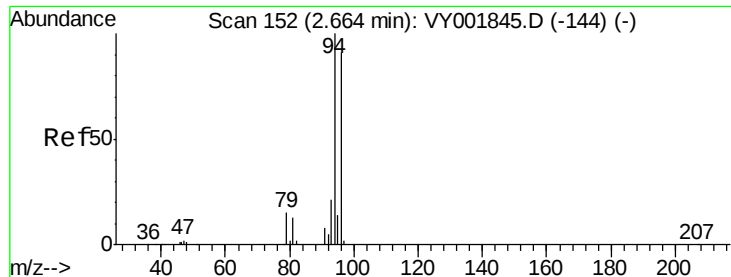
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 57.575 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

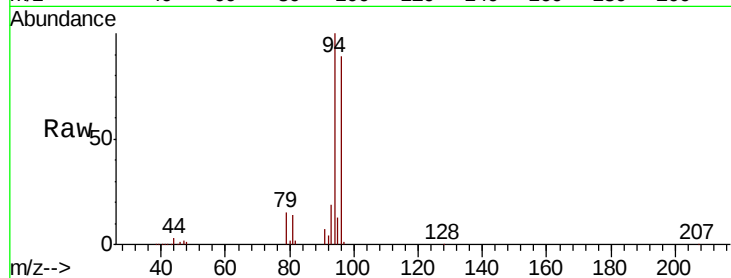
ClientSampled :

Tot Ion: 94 Resp: 72142

Ion Ratio Lower Upper

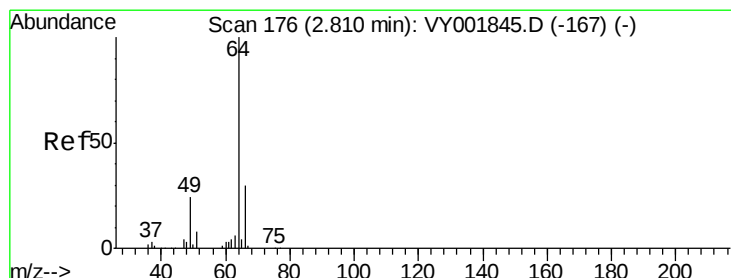
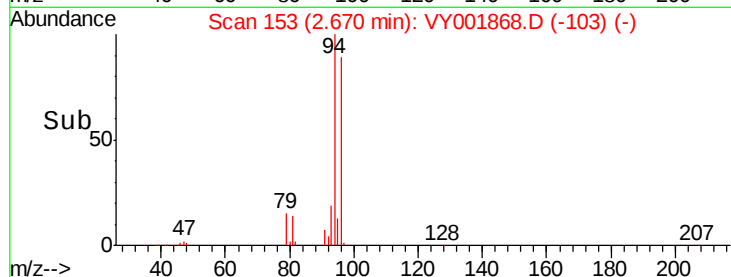
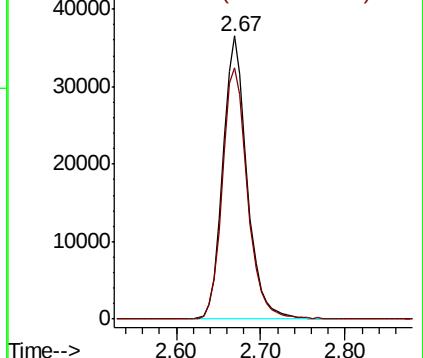
94 100

96 88.9 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: 51.574 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001868.D

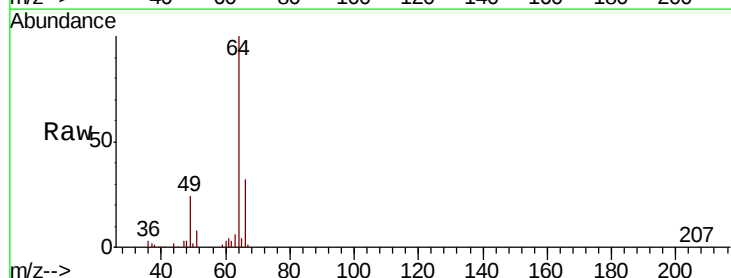
Acq: 05 Mar 2020 09:45

Tgt Ion: 64 Resp: 70590

Ion Ratio Lower Upper

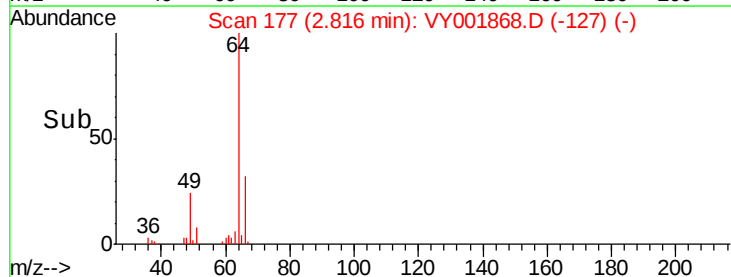
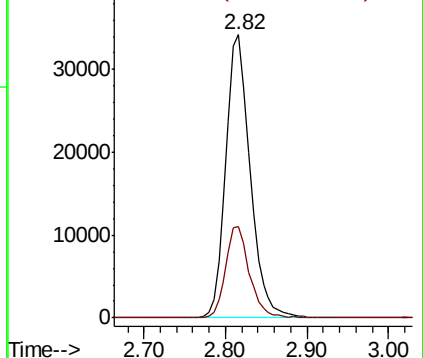
64 100

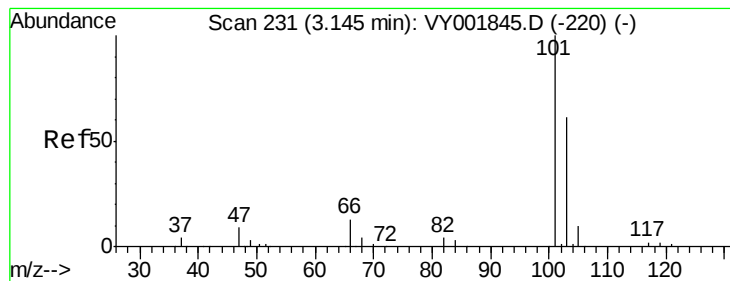
66 32.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



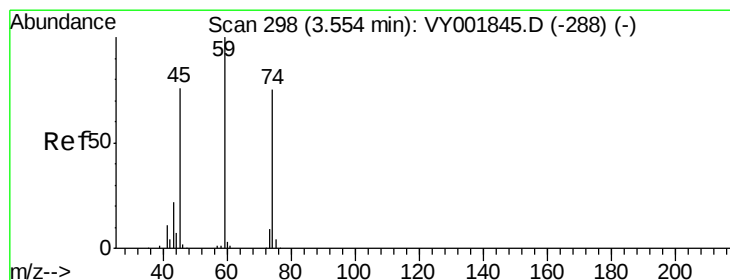
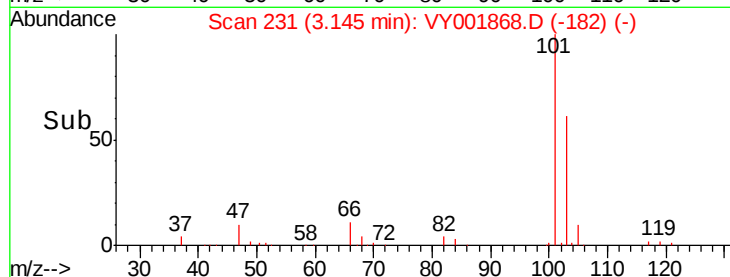
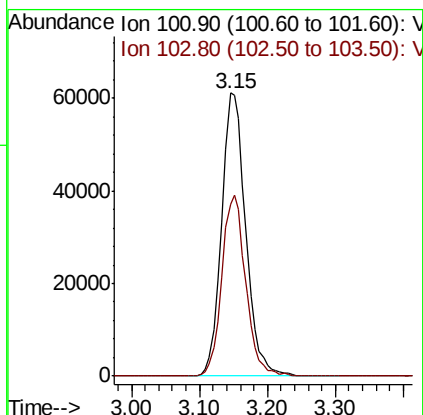
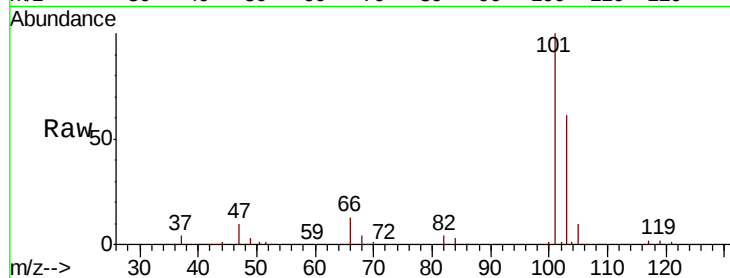


#7

Trichlorofluoromethane
 Concen: 50.738 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :

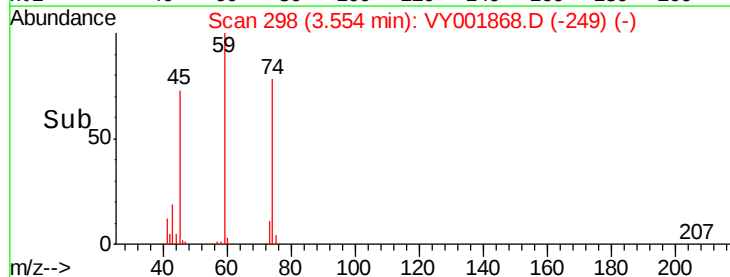
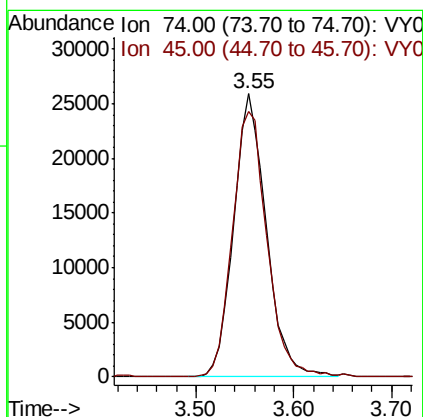
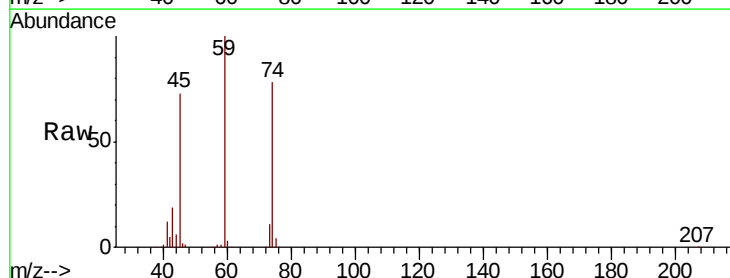
Tot Ion:101 Resp: 149930
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.1 73.7

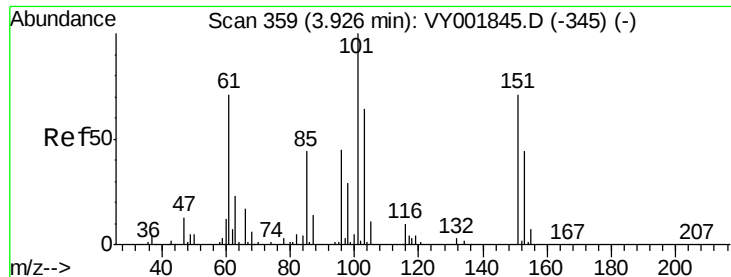


#8

Diethyl Ether
 Concen: 51.637 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 74 Resp: 60139
 Ion Ratio Lower Upper
 74 100
 45 98.9 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.688 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

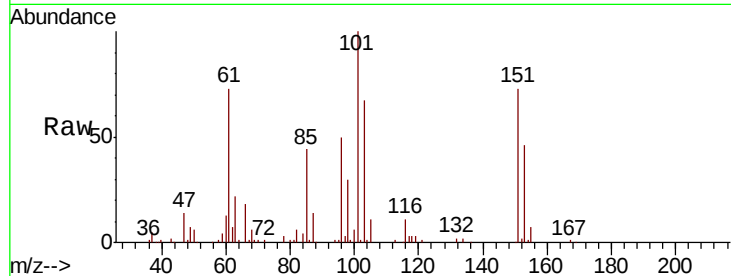
Tot Ion:101 Resp: 96338

Ion Ratio Lower Upper

101 100

85 44.1 35.3 52.9

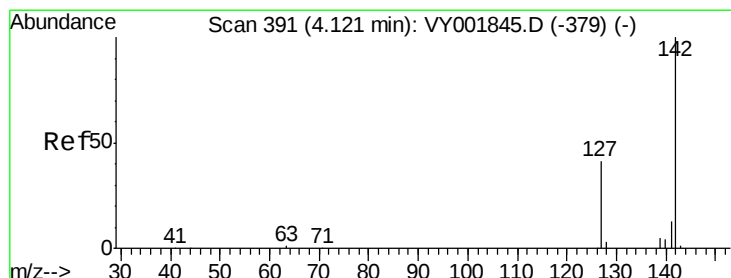
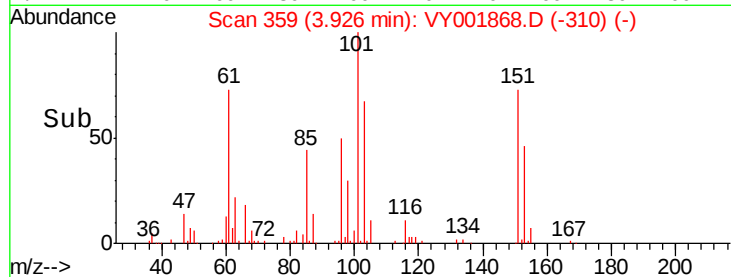
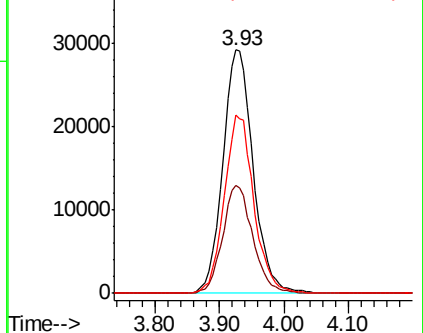
151 71.6 57.0 85.4



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: 52.712 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

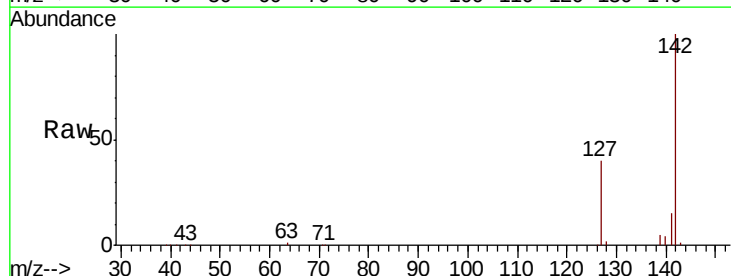
Tgt Ion:142 Resp: 115859

Ion Ratio Lower Upper

142 100

127 40.6 32.7 49.1

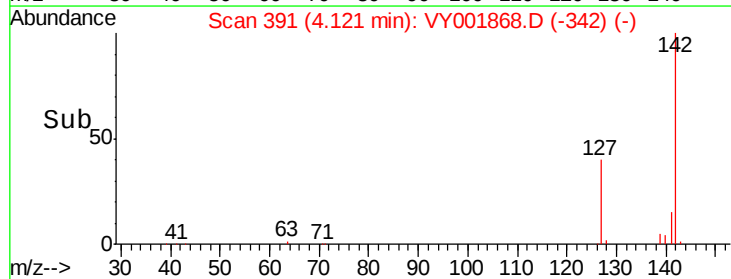
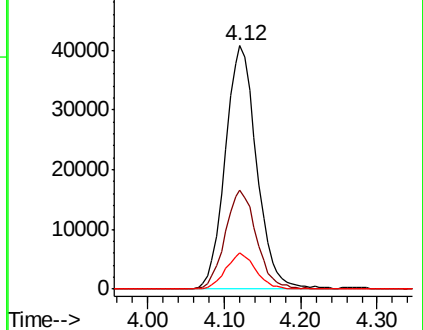
141 14.1 11.0 16.6

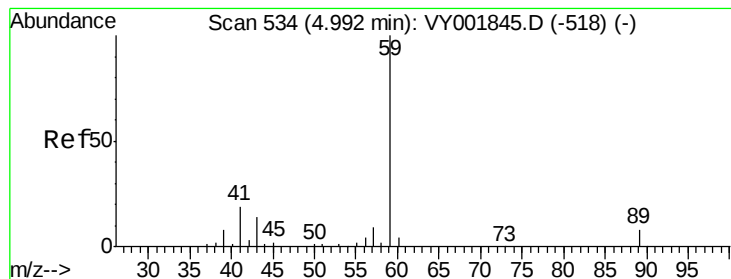


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



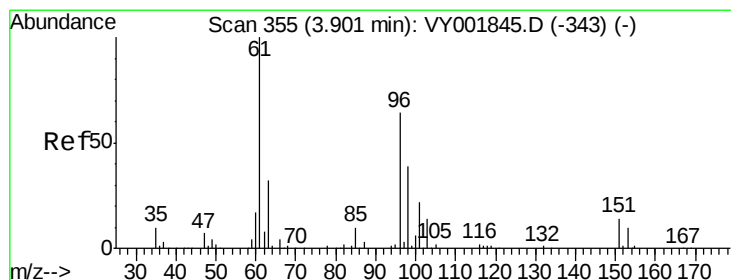
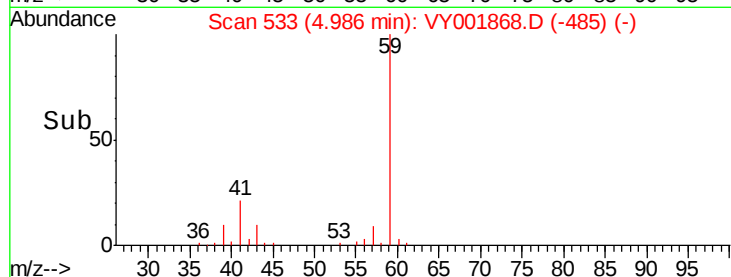
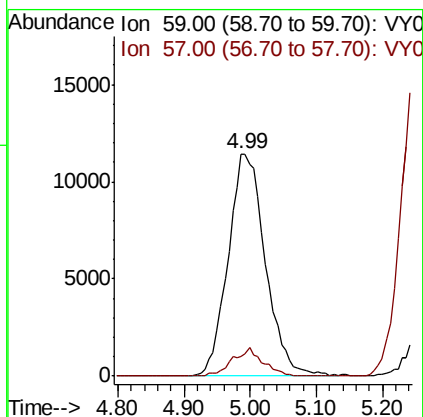
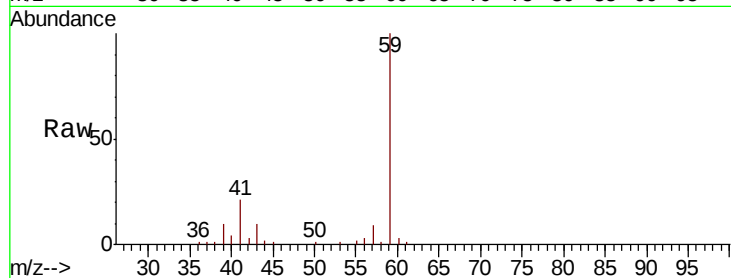


#11

Tert butyl alcohol
 Concen: 231.674 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :

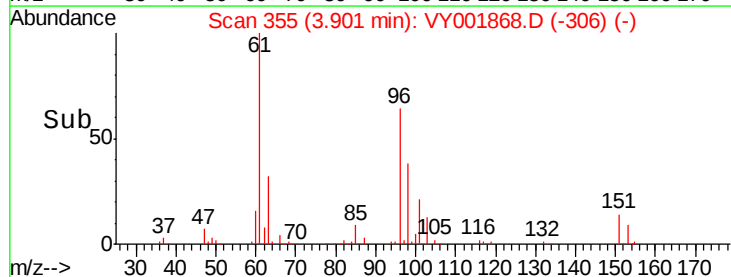
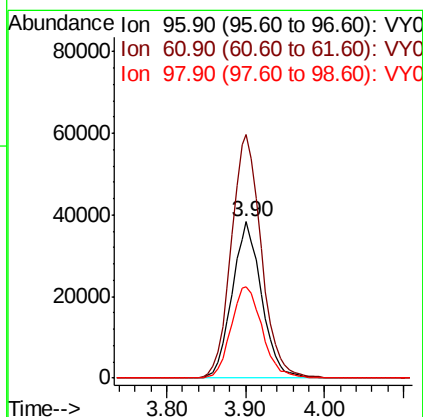
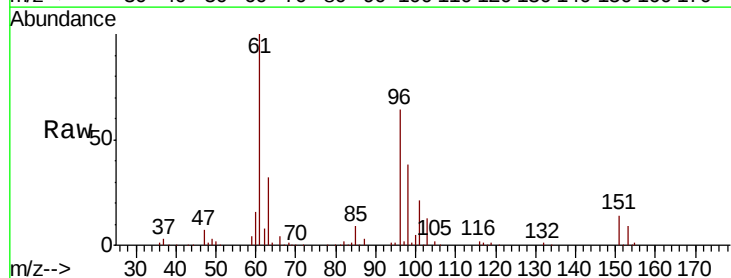
Tot Ion: 59 Resp: 44618
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.4 11.2

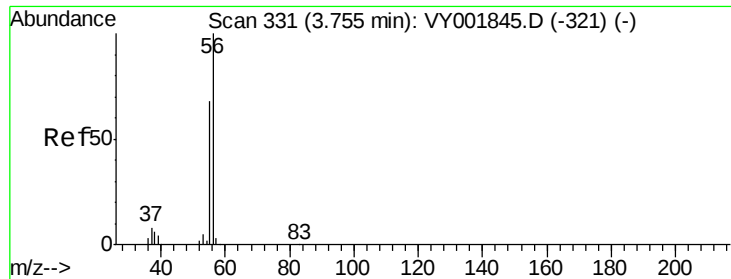


#12

1,1-Dichloroethene
 Concen: 52.097 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 96 Resp: 99699
 Ion Ratio Lower Upper
 96 100
 61 155.6 124.8 187.2
 98 58.6 49.2 73.8

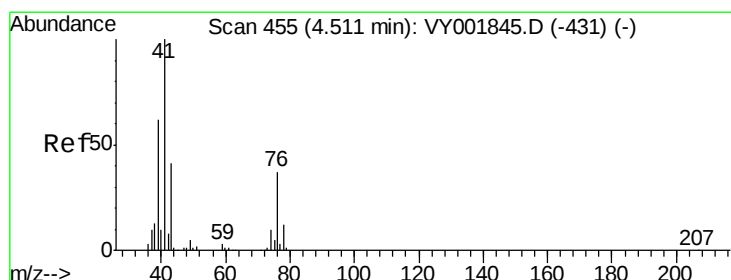
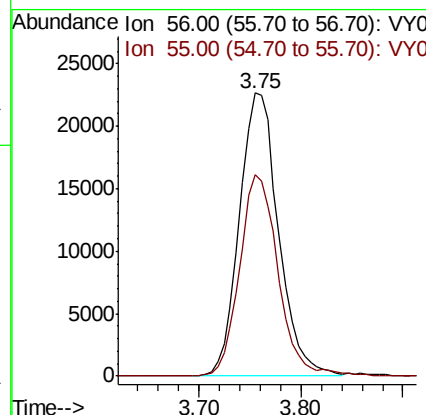
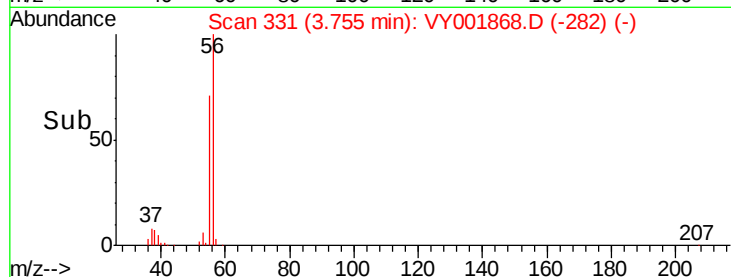
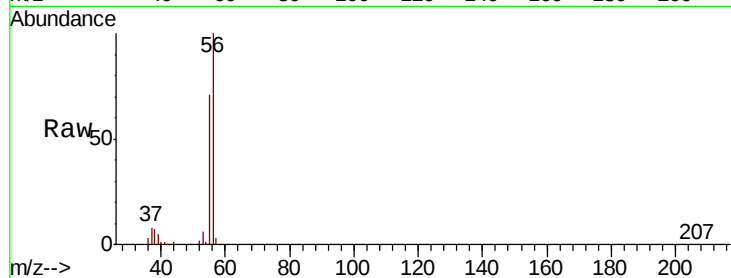




#13
 Acrolein
 Concen: 233.772 ug/l
 RT: 3.75 min Scan# 331
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

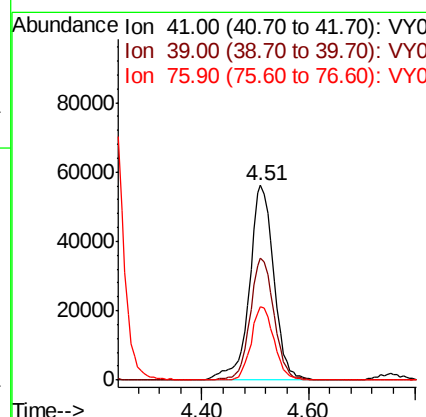
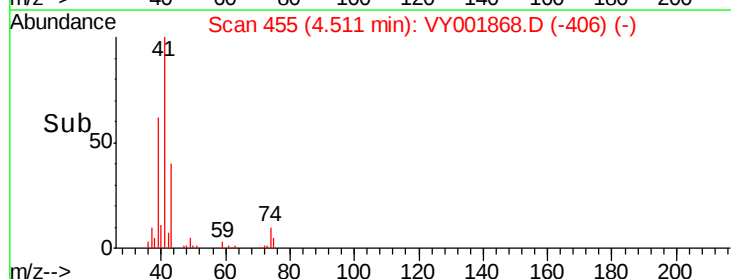
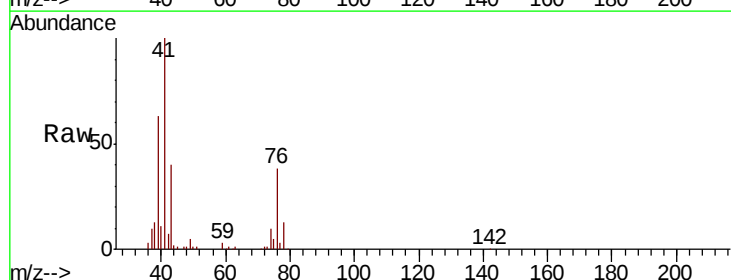
Instrument :
 MSVOA_Y
 ClientSampled :

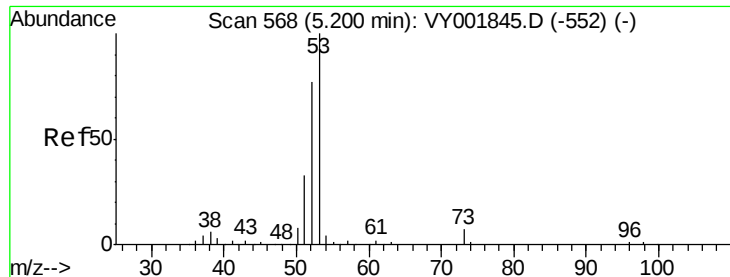
Tot Ion: 56 Resp: 60364
 Ion Ratio Lower Upper
 56 100
 55 70.0 54.0 81.0



#14
 Allyl chloride
 Concen: 52.215 ug/l
 RT: 4.51 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 41 Resp: 177146
 Ion Ratio Lower Upper
 41 100
 39 61.4 49.0 73.6
 76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 256.845 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.00 min

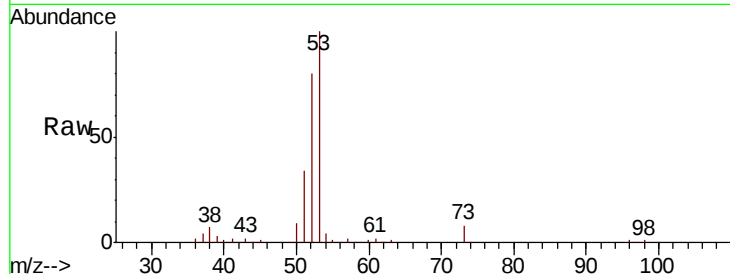
Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 159847

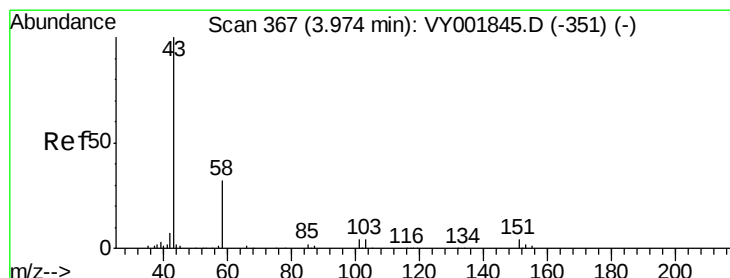
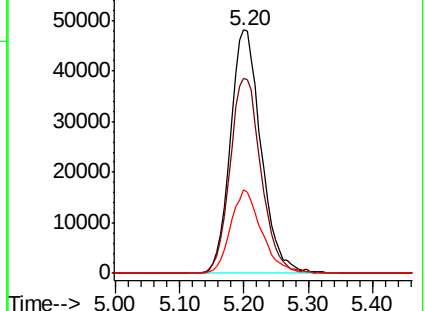
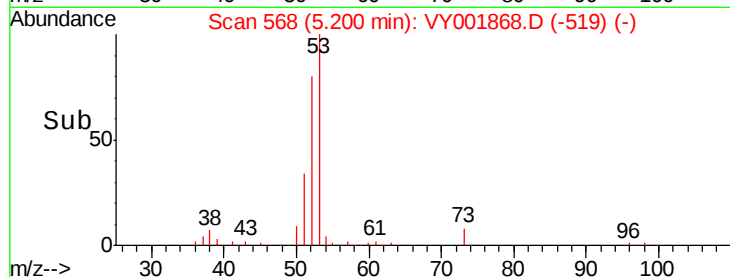
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	34.8	27.5	41.3



Abundance Ion 53.00 (52.70 to 53.70): VY001845.D (-552) (-)

Ion 52.00 (51.70 to 52.70): VY001845.D (-552) (-)

Ion 51.00 (50.70 to 51.70): VY001845.D (-552) (-)



#16

Acetone

Concen: 280.948 ug/l

RT: 3.98 min Scan# 368

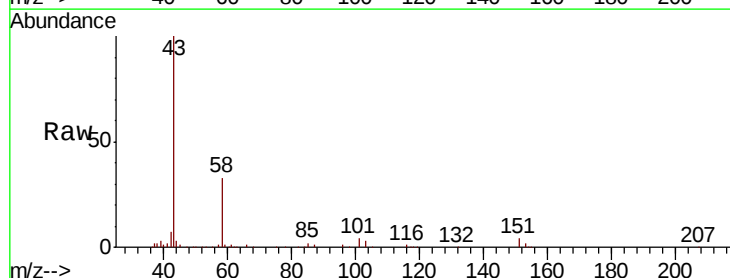
Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

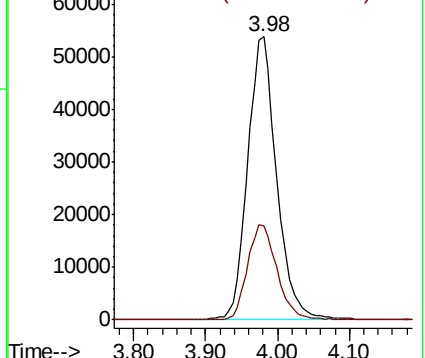
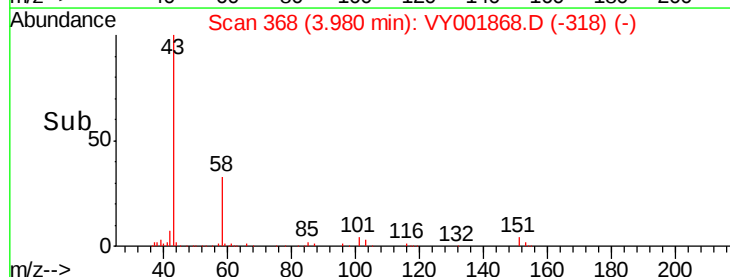
Tgt Ion: 43 Resp: 150364

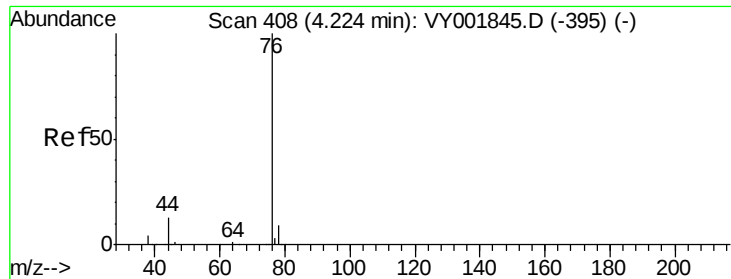
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#17

Carbon Disulfide

Concen: 51.179 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

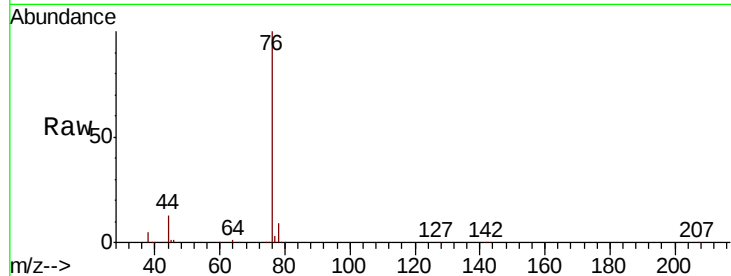
ClientSampleId :

Tot Ion: 76 Resp: 329245

Ion Ratio Lower Upper

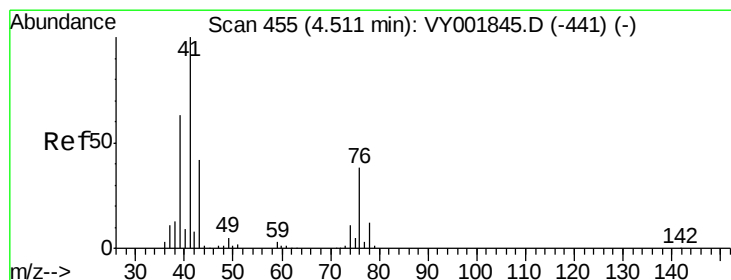
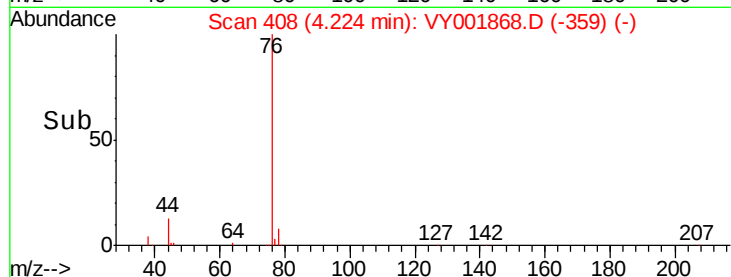
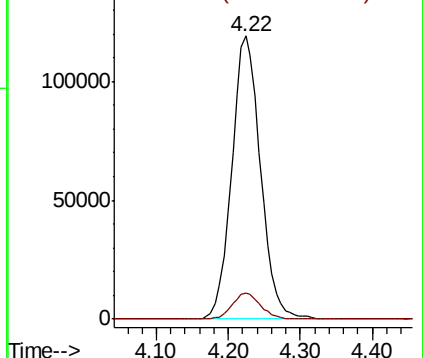
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.586 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001868.D

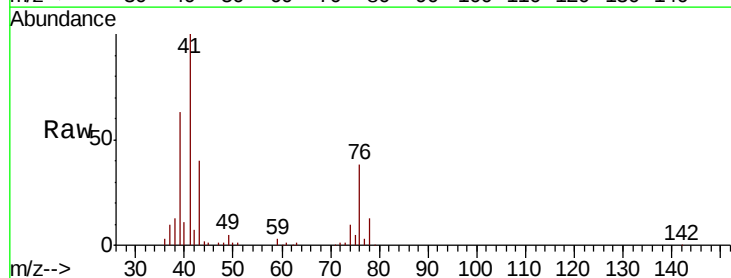
Acq: 05 Mar 2020 09:45

Tgt Ion: 43 Resp: 68189

Ion Ratio Lower Upper

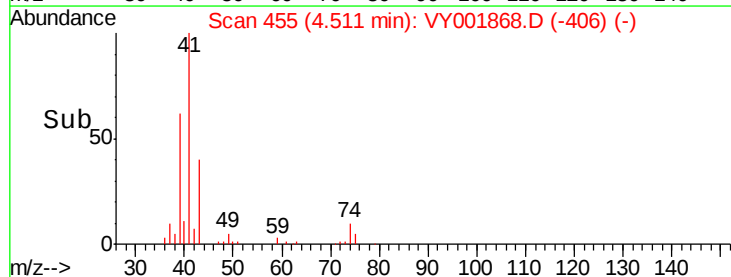
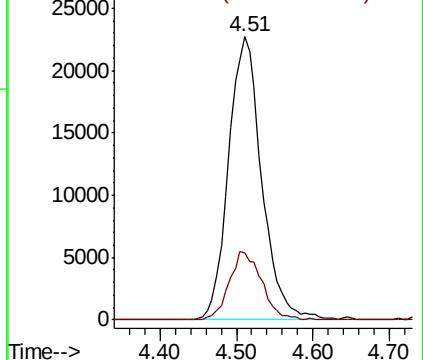
43 100

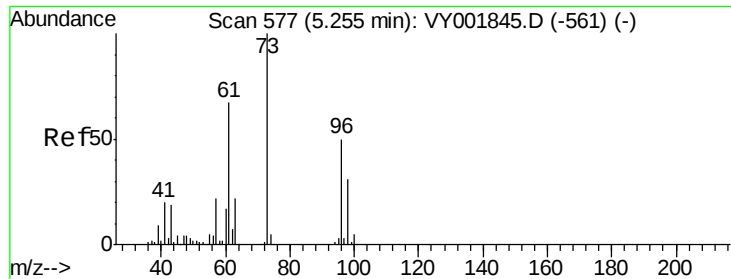
74 23.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

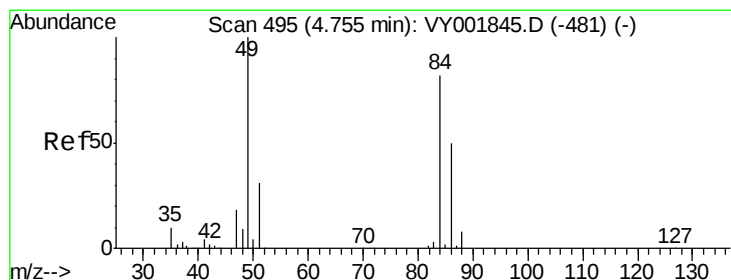
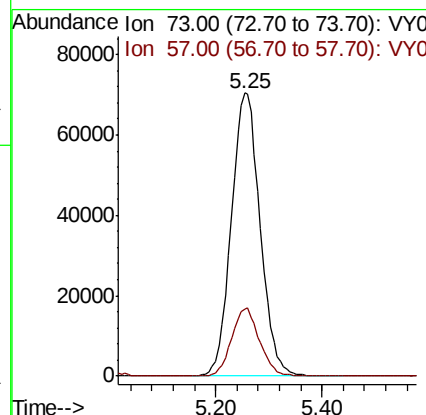
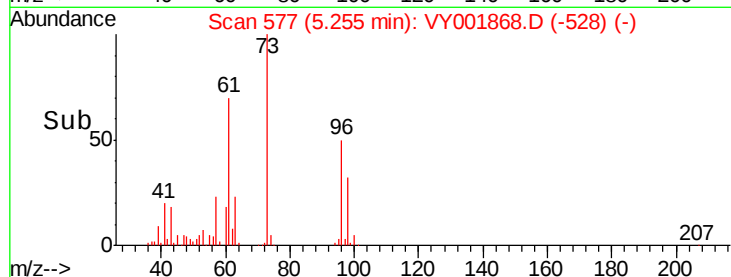
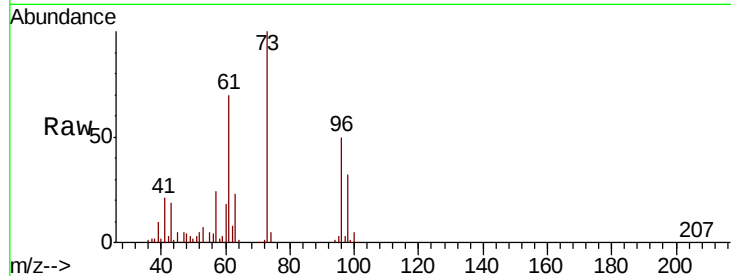




#19
Methvl tert-butvl Ether
Concen: 51.144 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

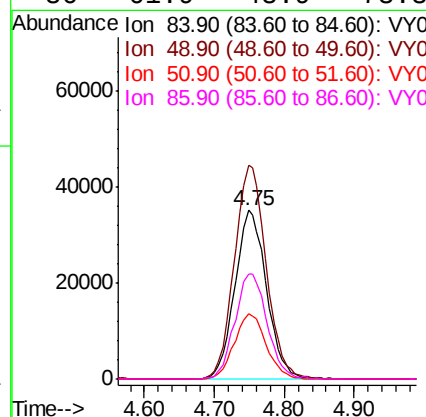
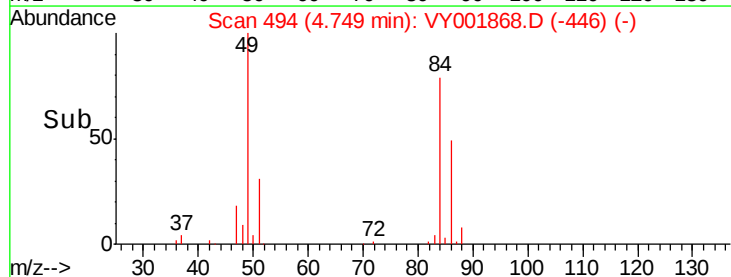
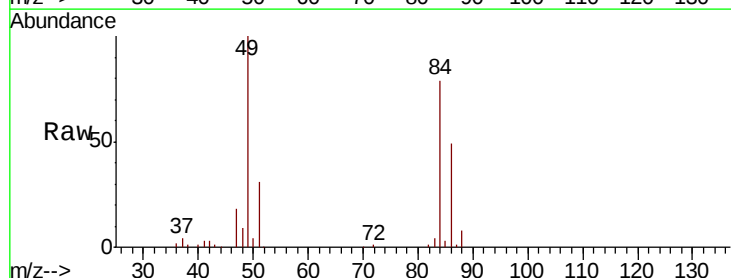
Instrument :
MSVOA_Y
ClientSampled :

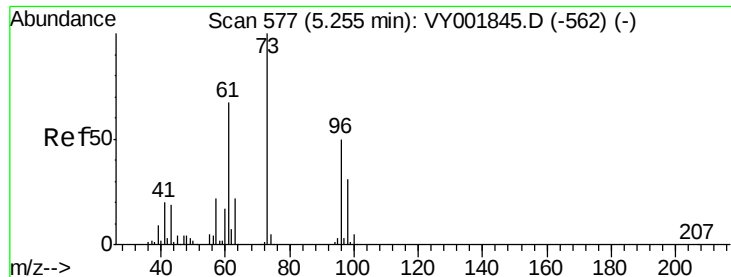
Tot Ion: 73 Resp: 265234
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.2



#20
Methylene Chloride
Concen: 47.946 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 84 Resp: 109977
Ion Ratio Lower Upper
84 100
49 126.4 98.2 147.2
51 38.7 30.2 45.2
86 61.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 51.028 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

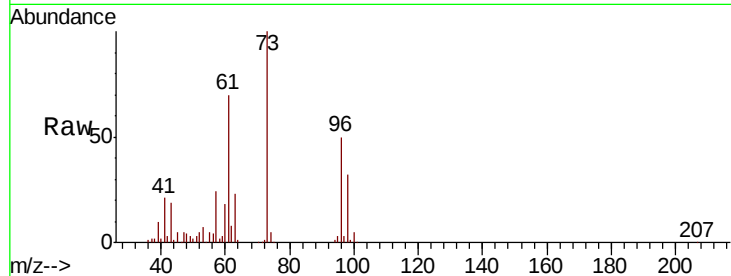
Tot Ion: 96 Resp: 110838

Ion Ratio Lower Upper

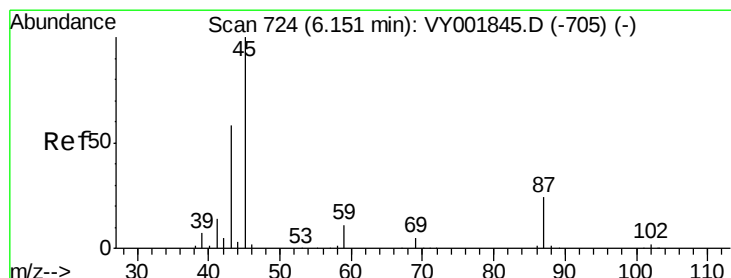
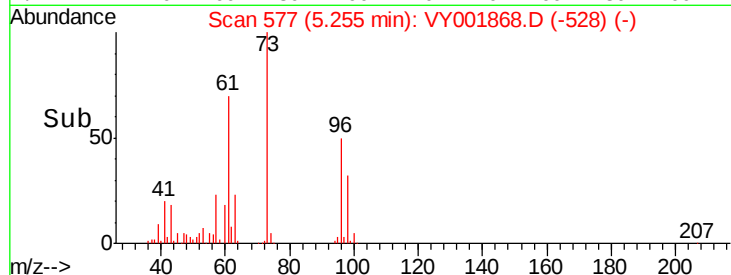
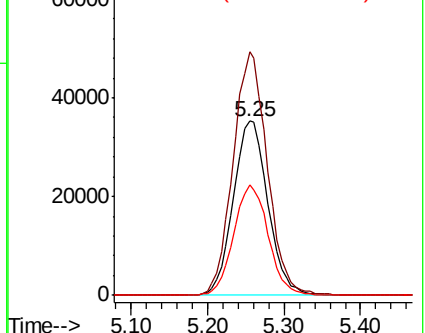
96 100

61 139.8 107.7 161.5

98 63.5 49.3 73.9



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



#22

Diisopropyl ether

Concen: 51.410 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion: 45 Resp: 357524

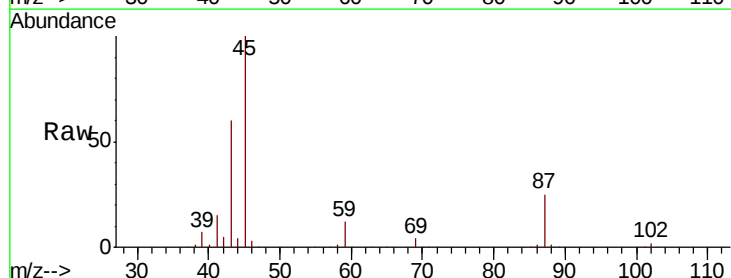
Ion Ratio Lower Upper

45 100

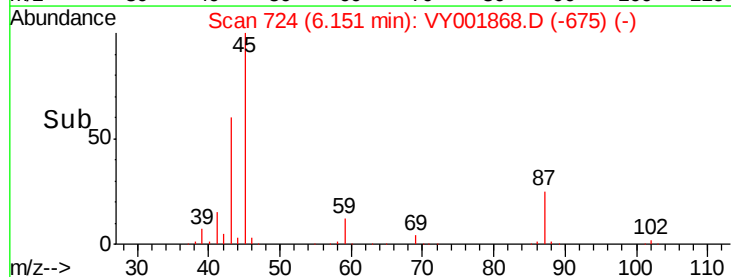
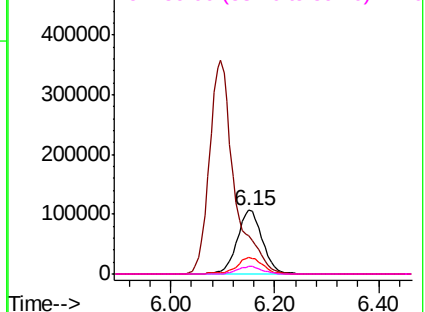
43 59.5 47.2 70.8

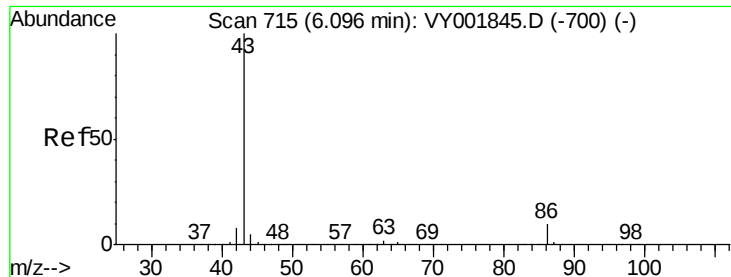
87 25.4 19.8 29.8

59 11.9 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 262.205 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

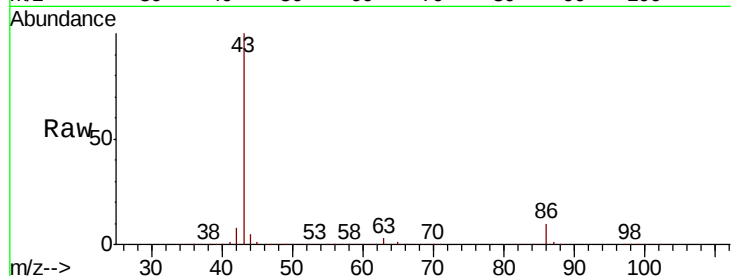
ClientSampleId :

Tot Ion: 43 Resp: 1195398

Ion Ratio Lower Upper

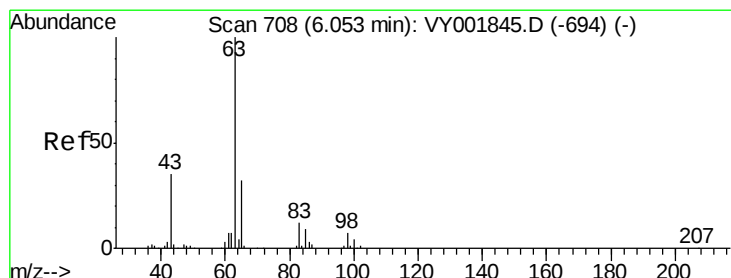
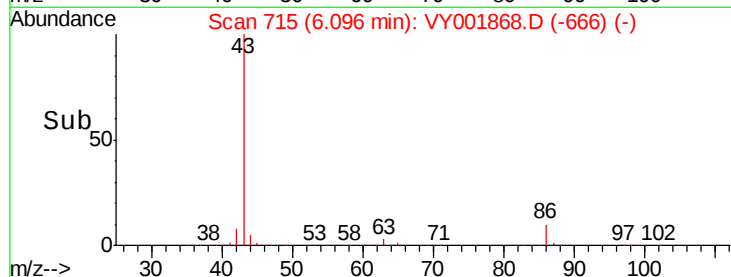
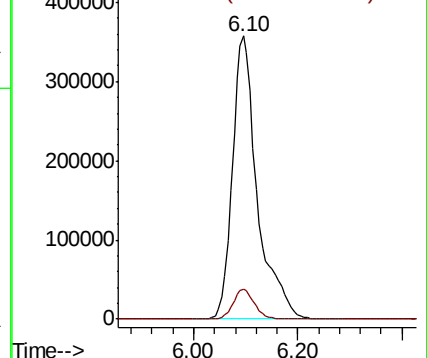
43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.875 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

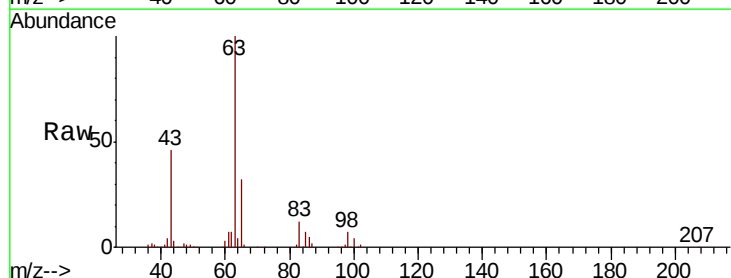
Tgt Ion: 63 Resp: 191593

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

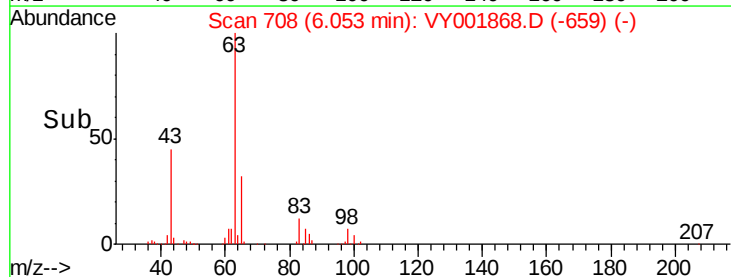
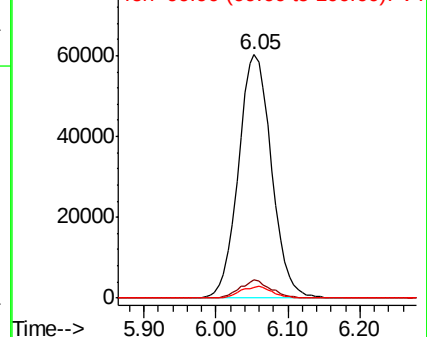
100 4.4 2.0 6.0

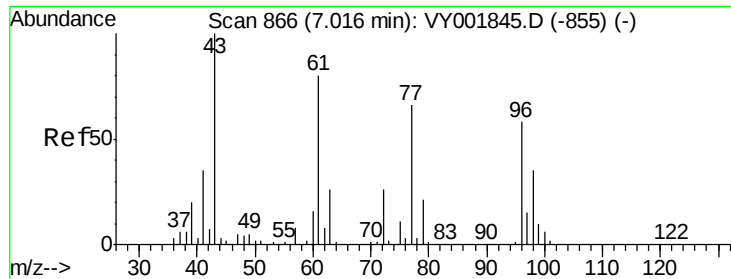


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 266.816 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

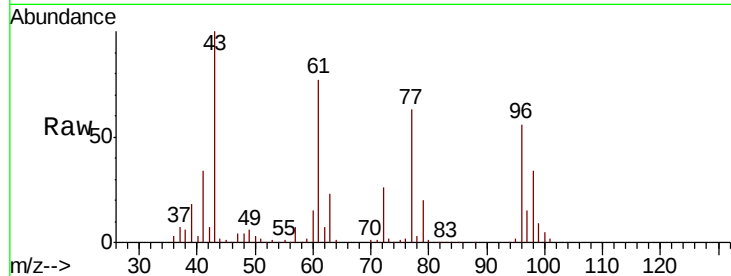
ClientSampled :

Tot Ion: 43 Resp: 217160

Ion Ratio Lower Upper

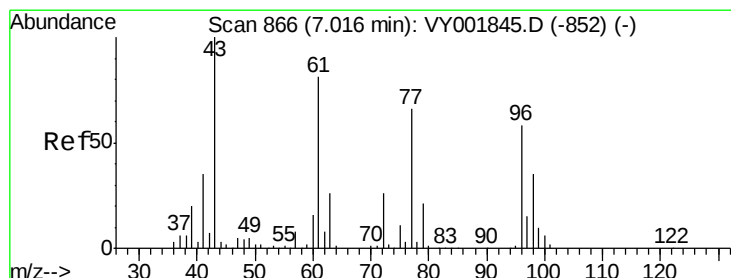
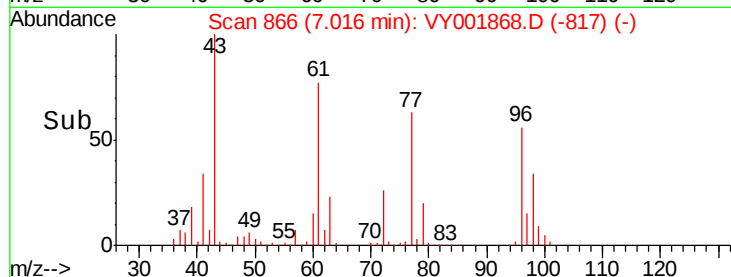
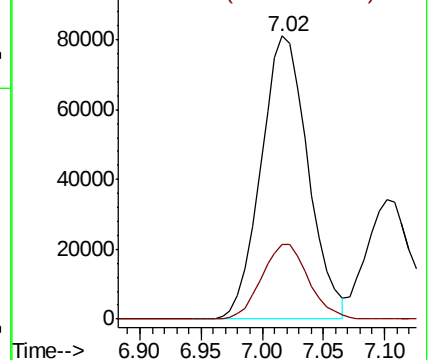
43 100

72 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.948 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001868.D

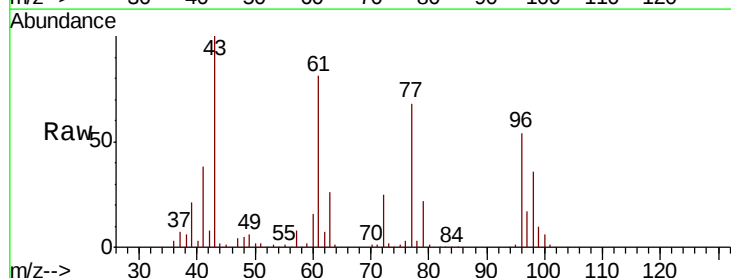
Acq: 05 Mar 2020 09:45

Tgt Ion: 77 Resp: 157479

Ion Ratio Lower Upper

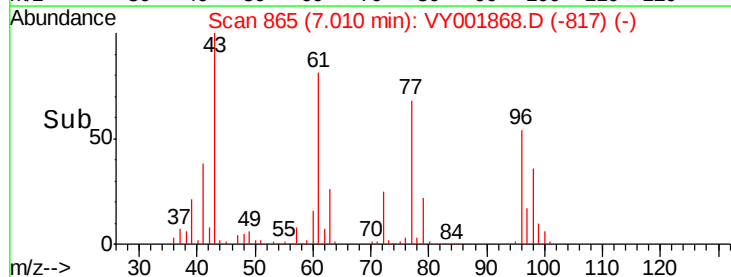
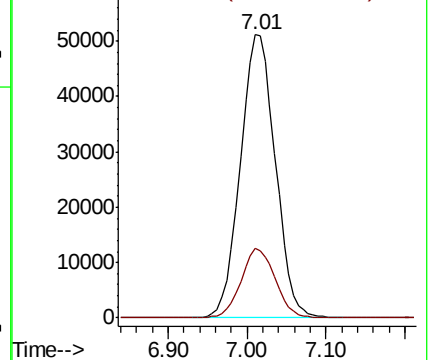
77 100

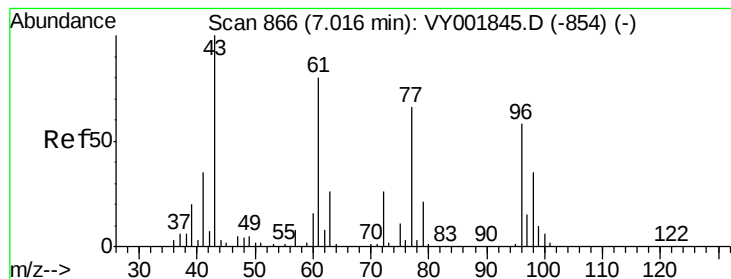
97 23.9 11.9 35.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



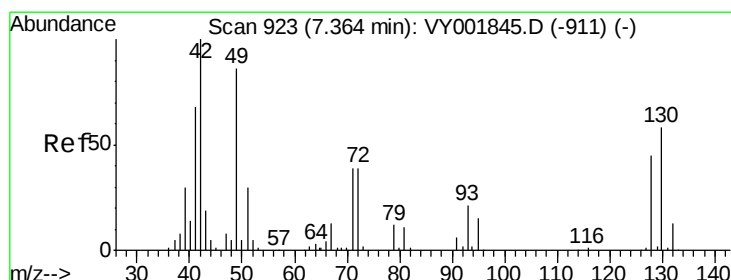
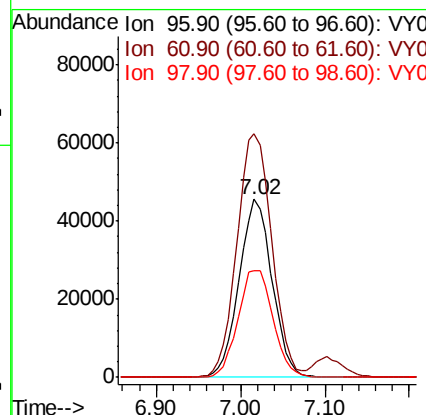
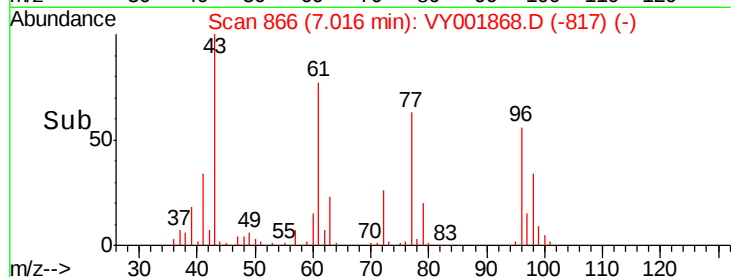
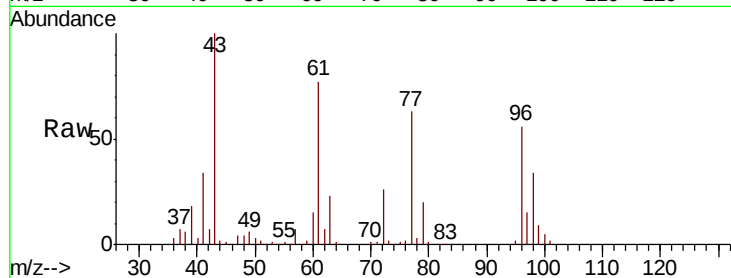


#27

cis-1,2-Dichloroethene
Concen: 51.040 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampled :

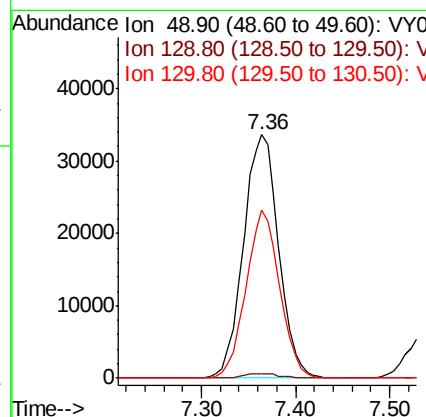
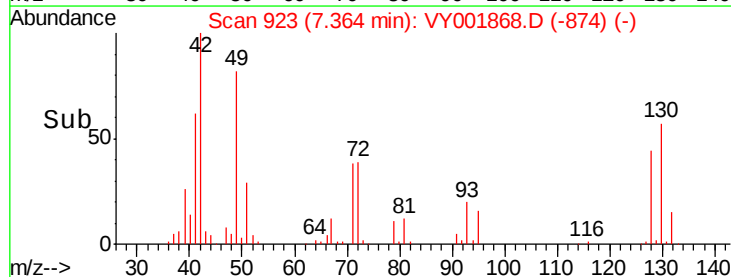
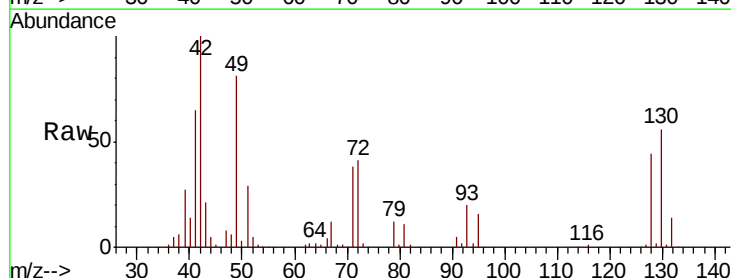
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	288.2
98	63.8	0.0	129.0

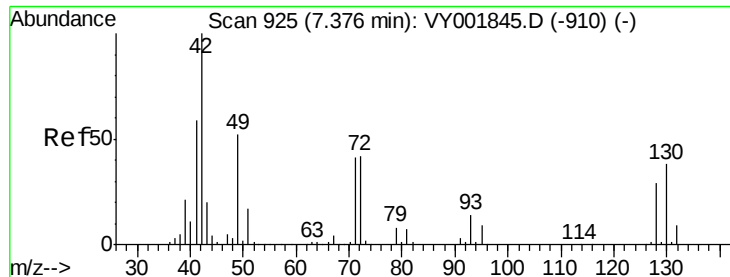


#28

Bromochloromethane
Concen: 51.769 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	65.9	54.4	81.6

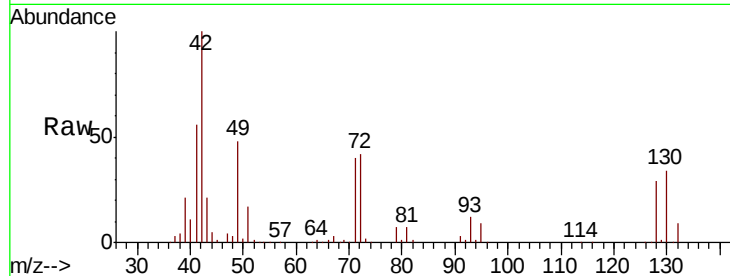




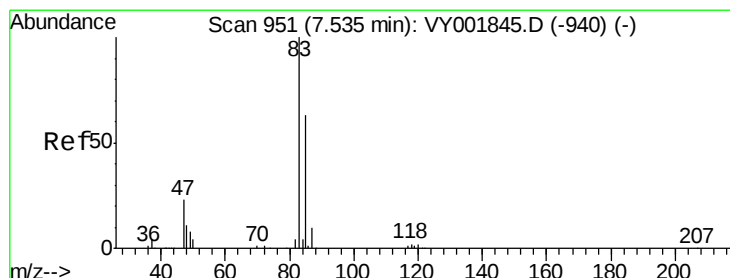
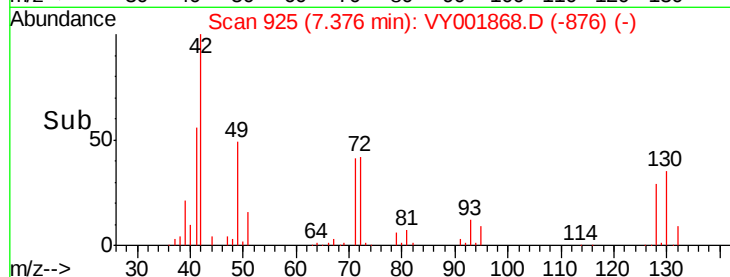
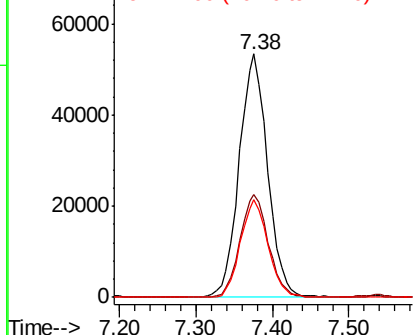
#29
Tetrahydrofuran
Concen: 254.763 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 137694
Ion Ratio Lower Upper
42 100
72 42.0 33.5 50.3
71 39.2 31.3 46.9

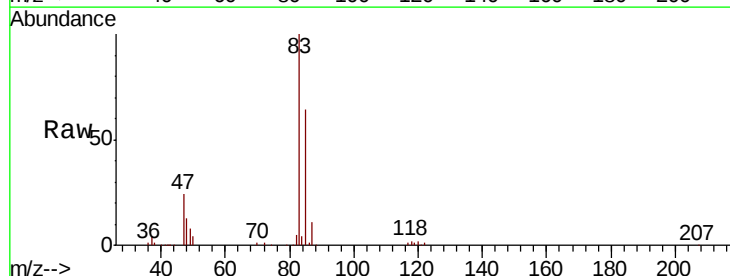


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

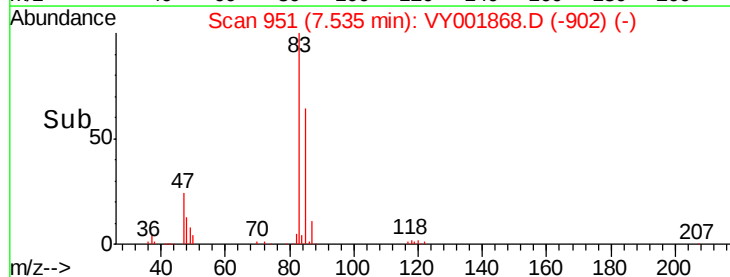
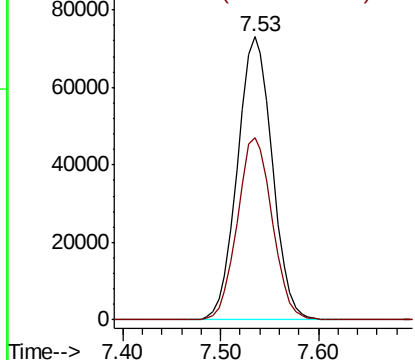


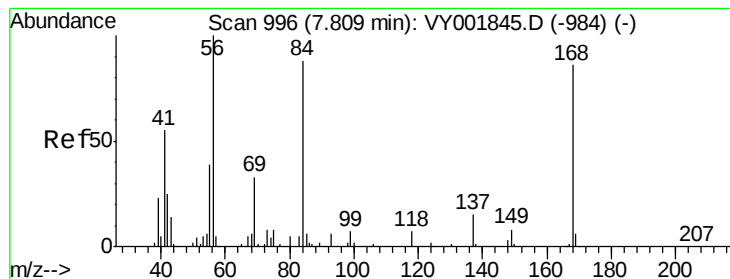
#30
Chloroform
Concen: 51.017 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 83 Resp: 180510
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1



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





#31

Cyclohexane

Concen: 49.333 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampled :

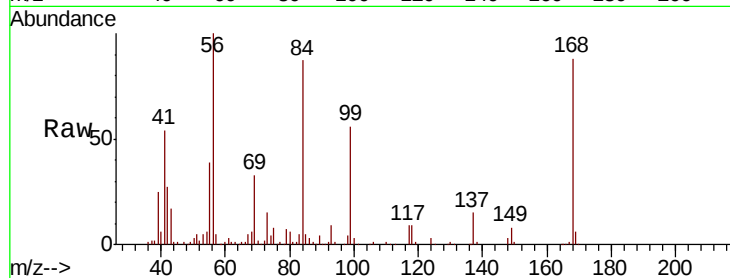
Tot Ion: 56 Resp: 199205

Ion Ratio Lower Upper

56 100

69 32.9 26.7 40.1

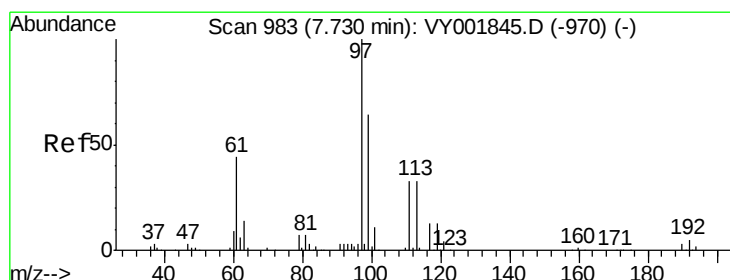
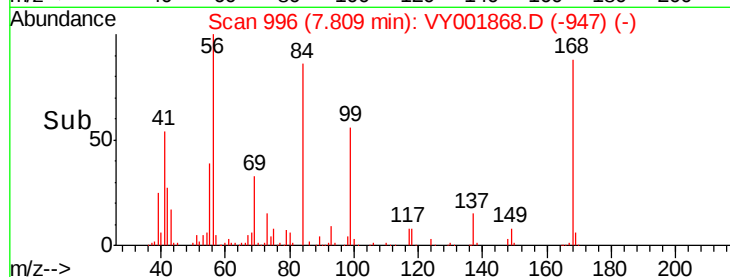
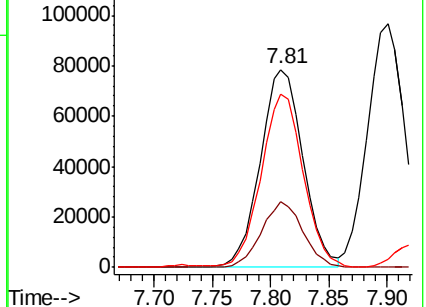
84 86.2 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY001845.D (-984) (-)

Ion 69.00 (68.70 to 69.70): VY001845.D (-984) (-)

Ion 84.00 (83.70 to 84.70): VY001845.D (-984) (-)



#32

1,1,1-Trichloroethane

Concen: 50.889 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

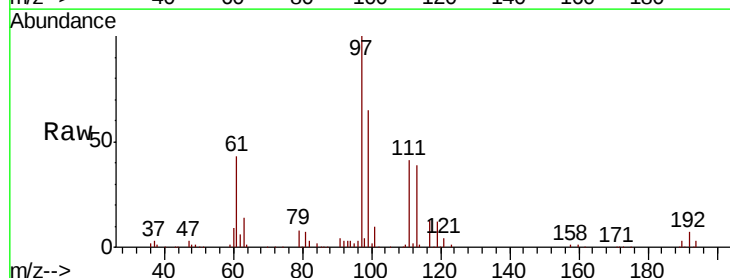
Tgt Ion: 97 Resp: 151758

Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

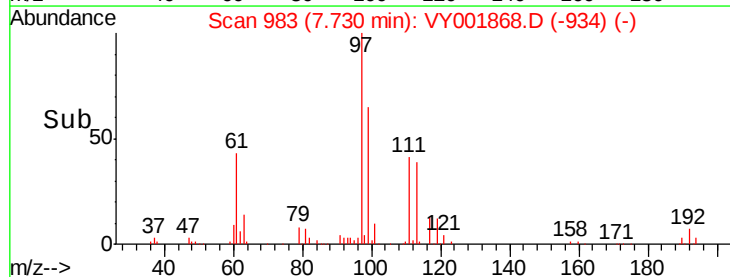
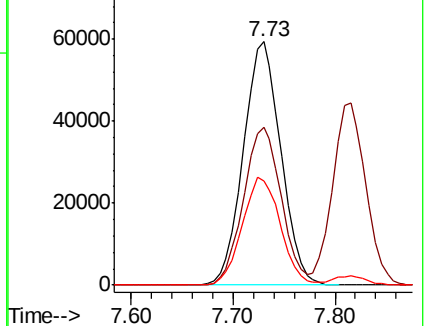
61 45.1 35.0 52.4

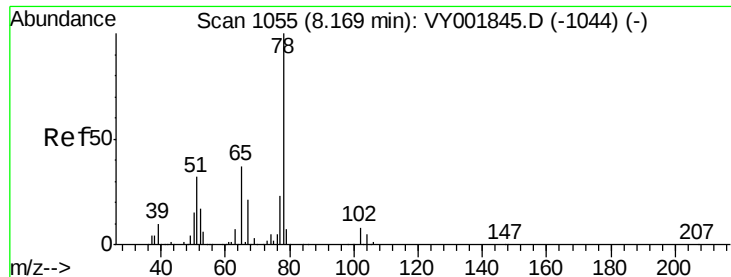


Abundance Ion 96.90 (96.60 to 97.60): VY001845.D (-970) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-970) (-)

Ion 60.90 (60.60 to 61.60): VY001845.D (-970) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.318 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

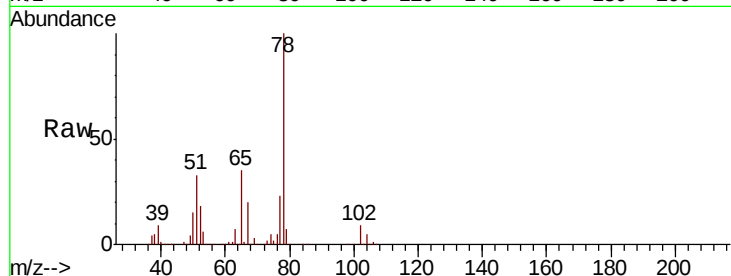
ClientSampleId :

Tot Ion: 65 Resp: 94298

Ion Ratio Lower Upper

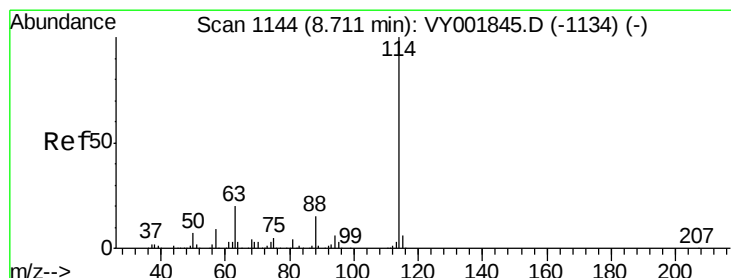
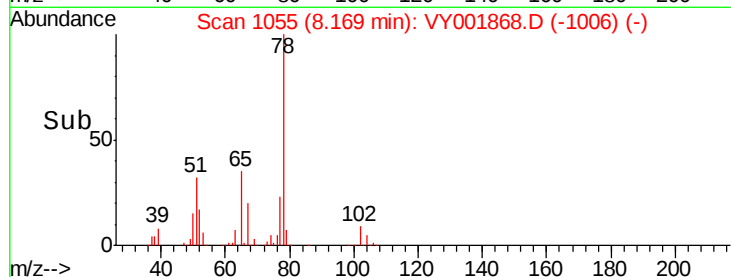
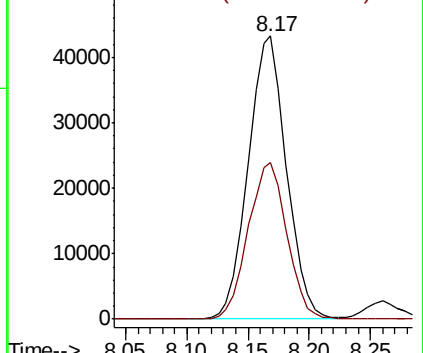
65 100

67 55.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

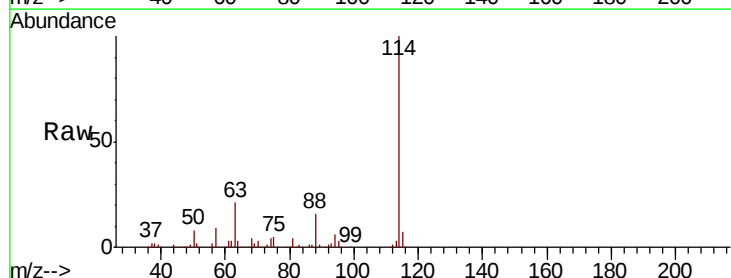
Tgt Ion: 114 Resp: 311894

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

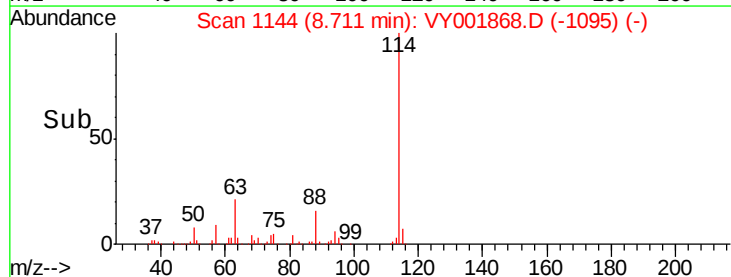
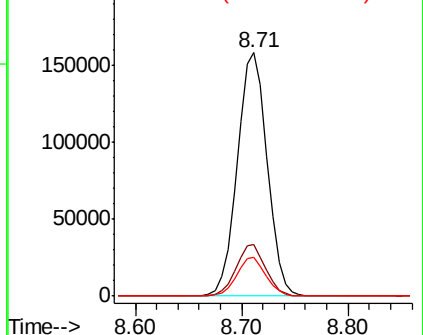
88 15.8 0.0 30.4

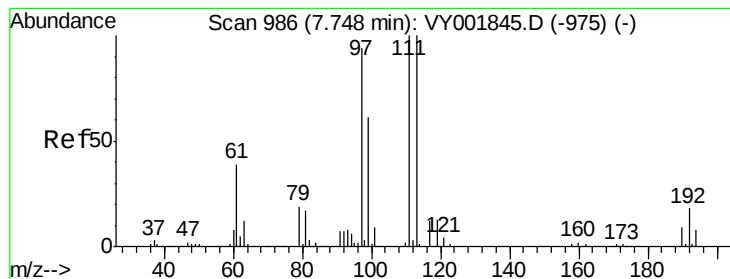


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 52.209 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

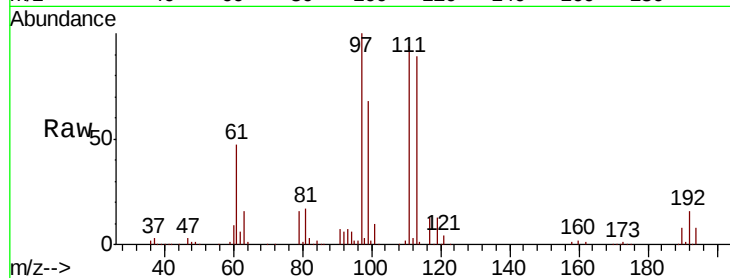
Tot Ion:113 Resp: 88916

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

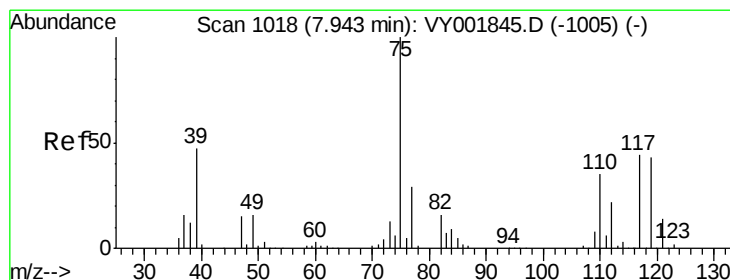
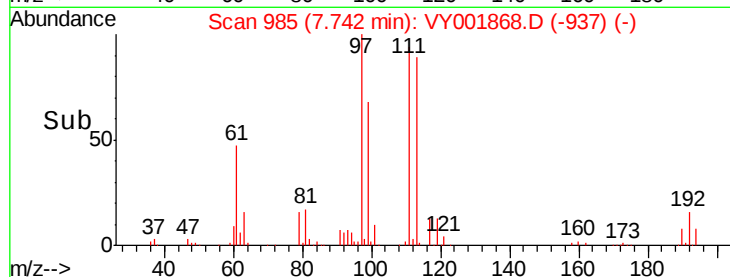
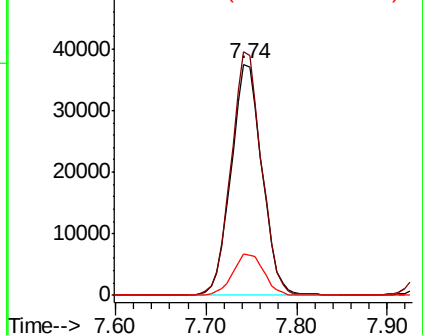
192 17.9 14.2 21.2



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: 51.262 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

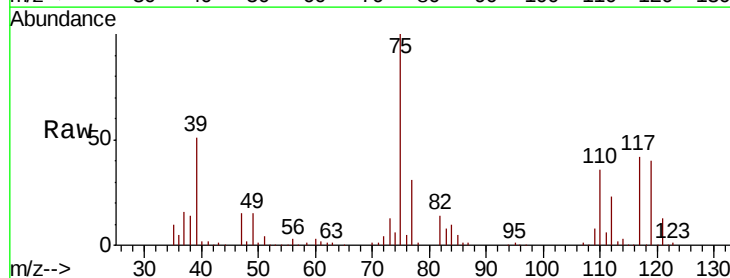
Tgt Ion: 75 Resp: 153857

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

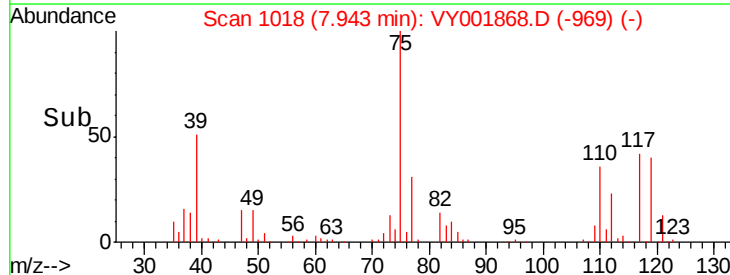
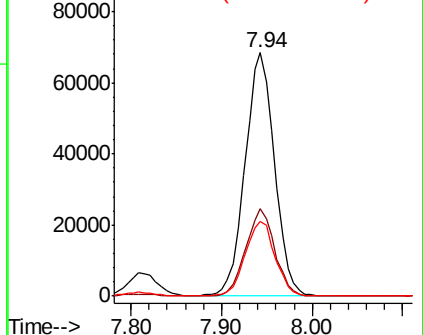
77 31.2 24.2 36.2

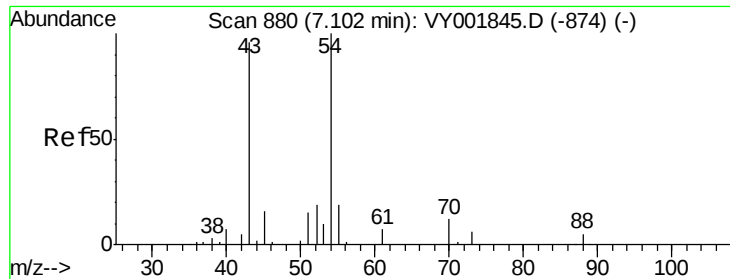


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

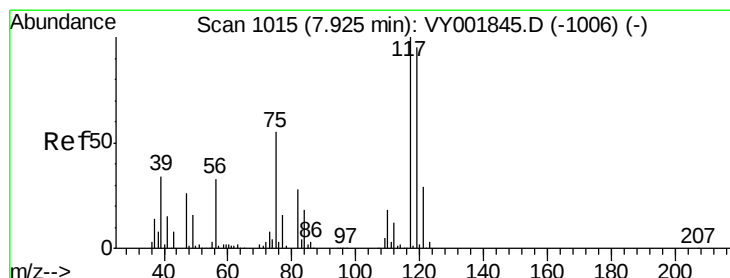
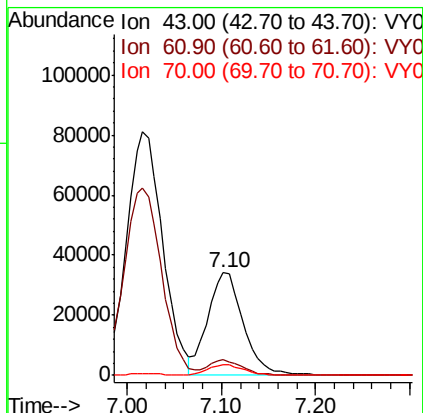
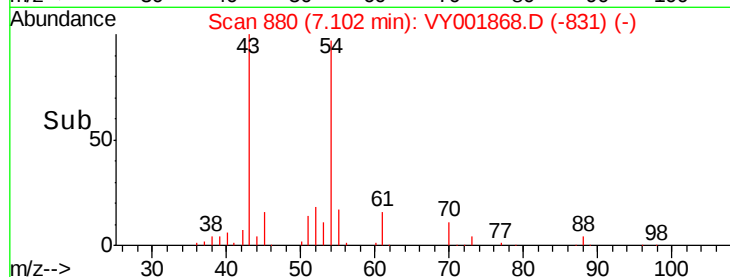
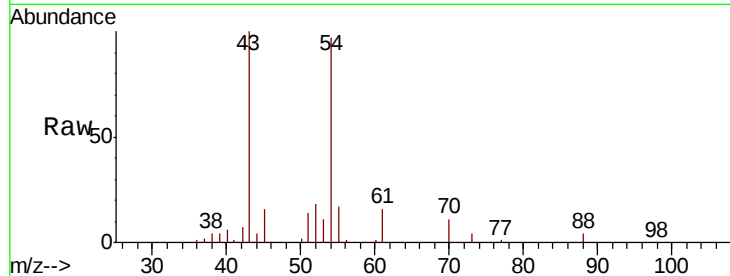




#37
Ethyl Acetate
Concen: 51.571 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

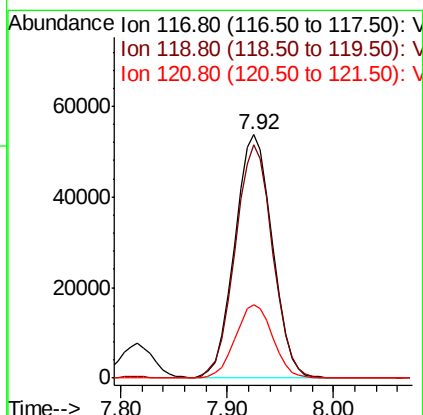
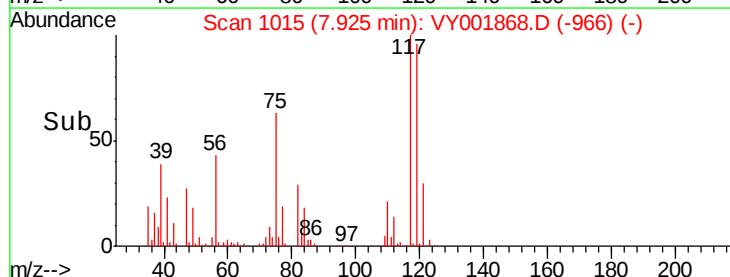
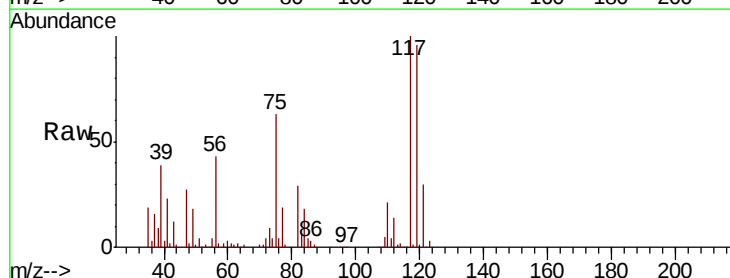
Instrument :
MSVOA_Y
ClientSampled :

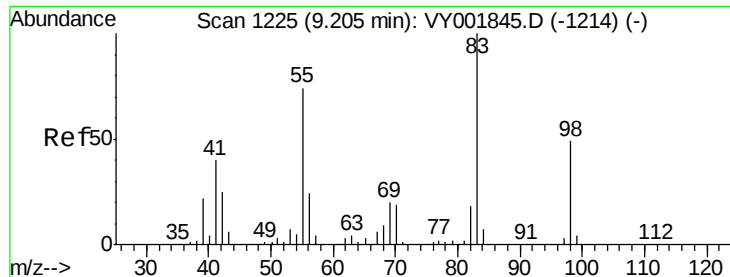
Tot Ion: 43 Resp: 89960
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 52.113 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 117 Resp: 133614
Ion Ratio Lower Upper
117 100
119 95.7 76.3 114.5
121 30.3 23.5 35.3

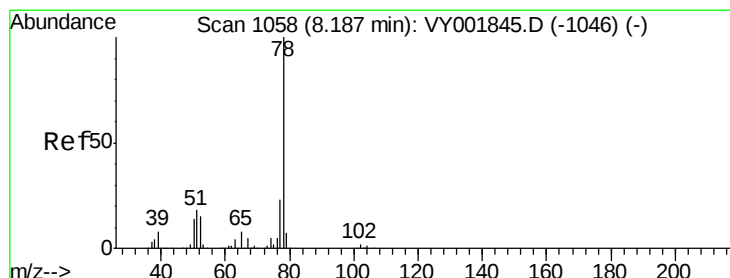
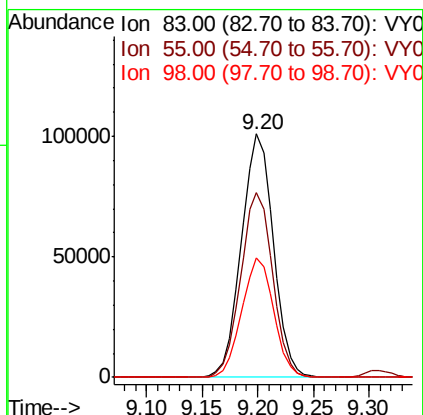
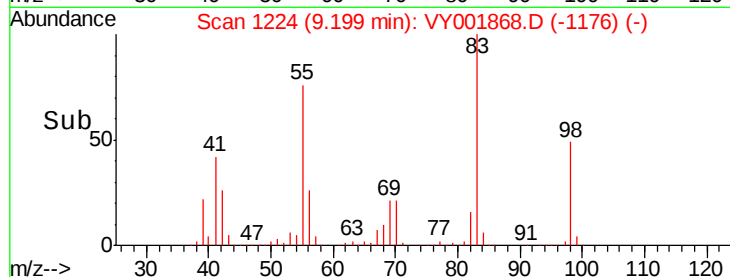
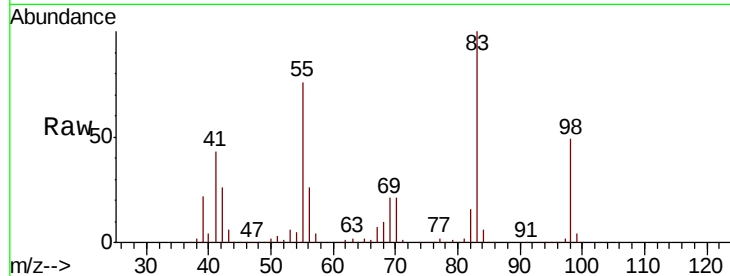




#39
Methvlcvclohexane
Concen: 50.814 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

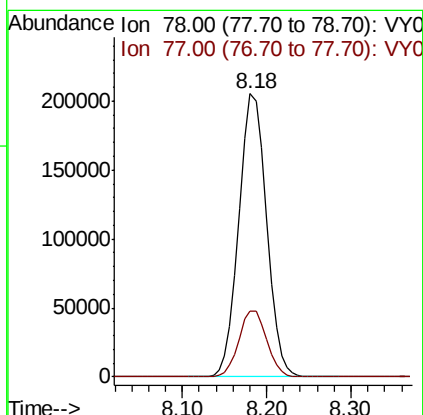
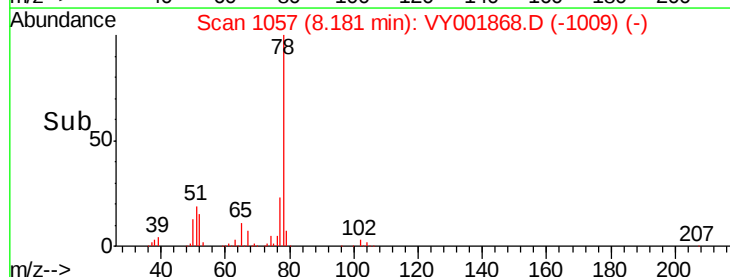
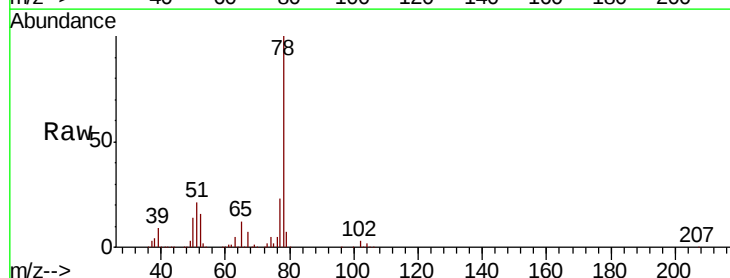
Instrument :
MSVOA_Y
ClientSampled :

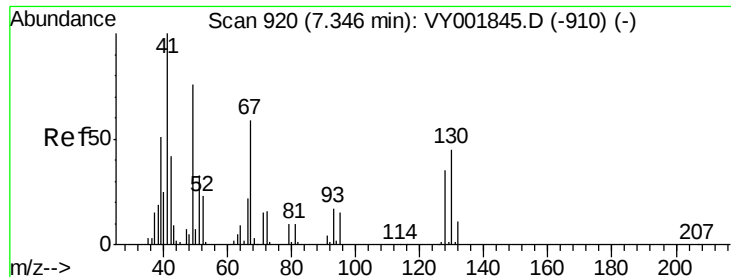
Tot Ion: 83 Resp: 202279
Ion Ratio Lower Upper
83 100
55 75.8 59.4 89.0
98 48.9 38.9 58.3



#40
Benzene
Concen: 51.082 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 78 Resp: 454429
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

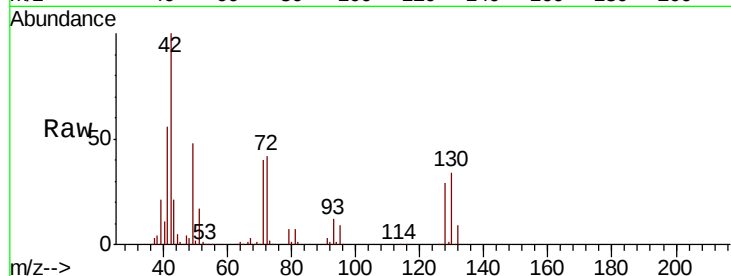




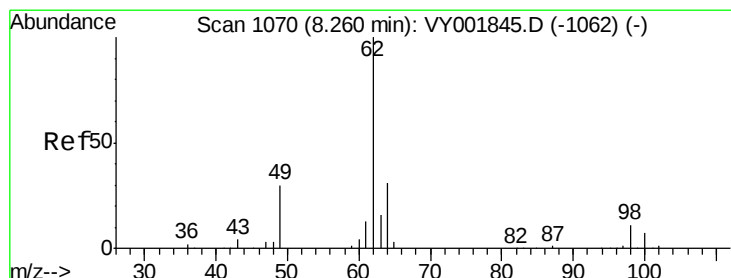
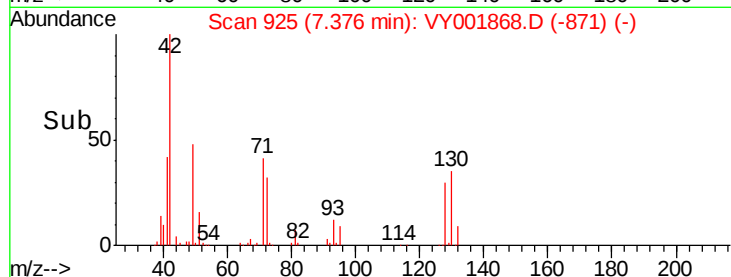
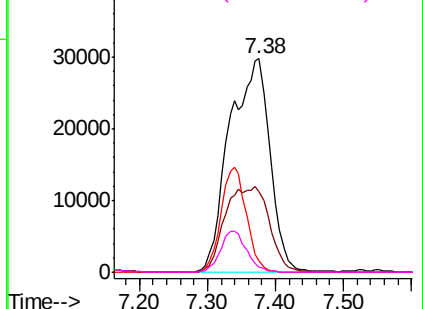
#41
Methacrylonitrile
Concen: 155.984 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 122455
Ion Ratio Lower Upper
41 100
39 43.8 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

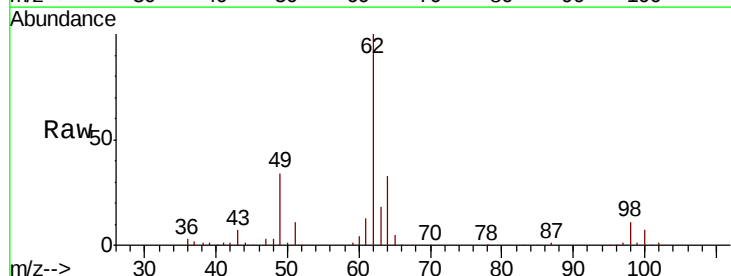


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

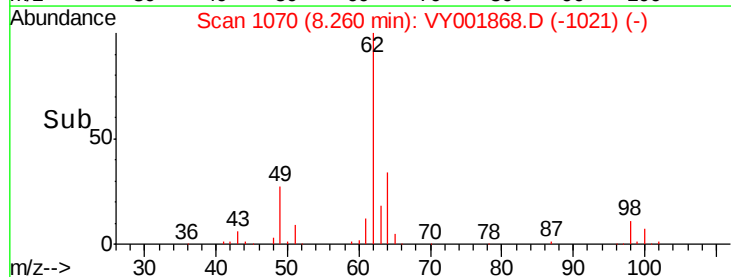
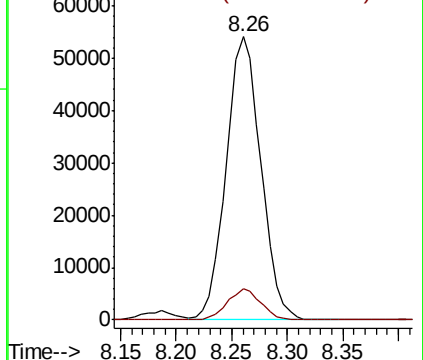


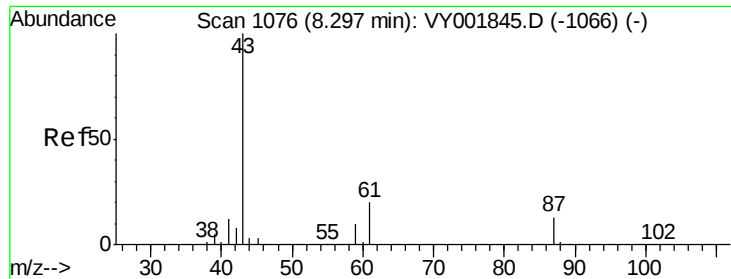
#42
1,2-Dichloroethane
Concen: 50.990 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 62 Resp: 116888
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.4



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

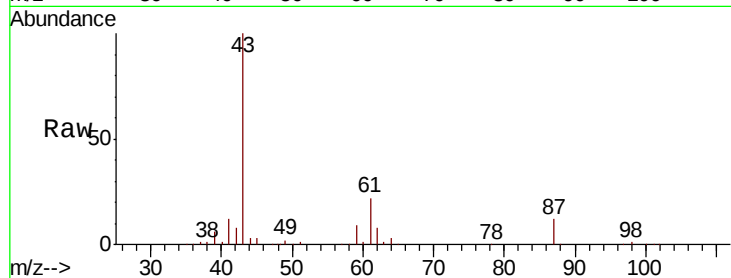




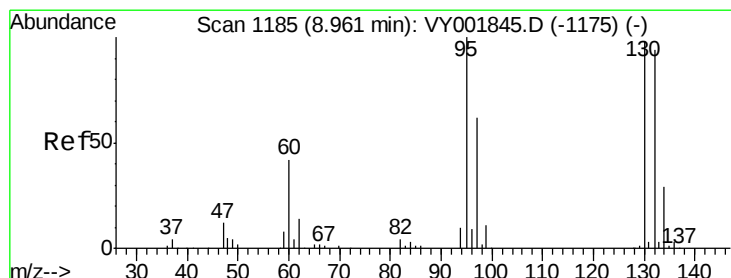
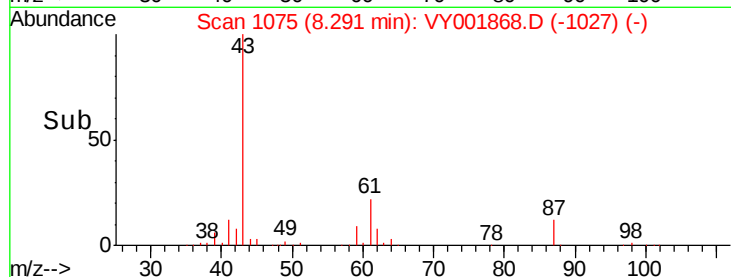
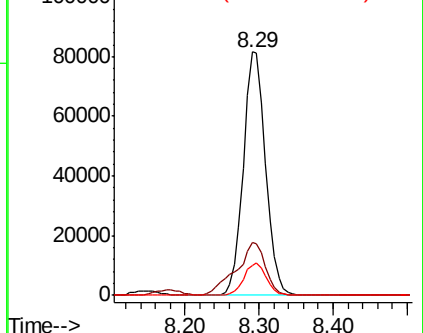
#43
Isopropyl Acetate
Concen: 52.030 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 171836
Ion Ratio Lower Upper
43 100
61 28.4 23.8 35.6
87 13.3 10.9 16.3

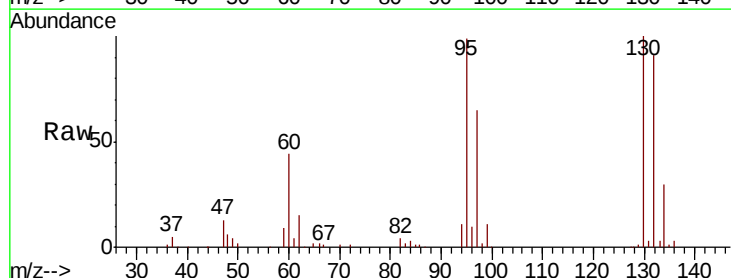


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

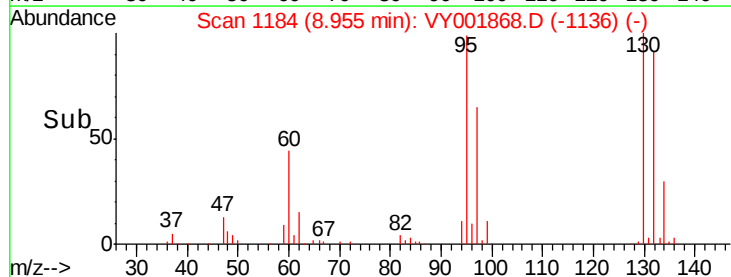
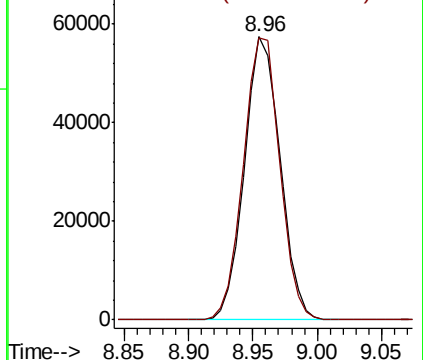


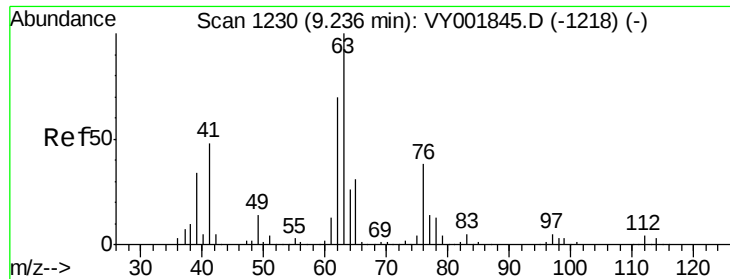
#44
Trichloroethene
Concen: 50.802 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:130 Resp: 110065
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6



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

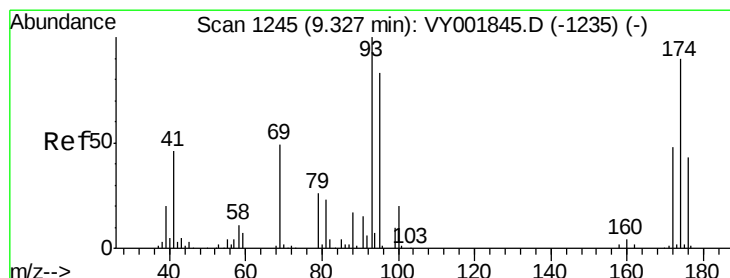
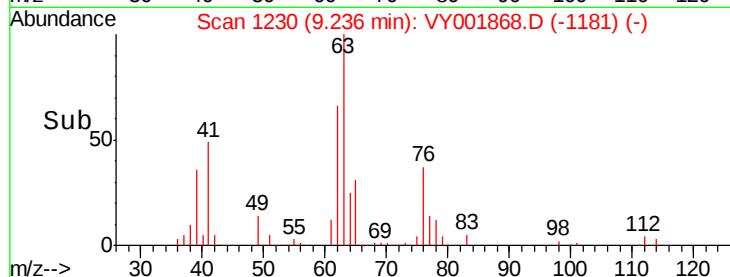
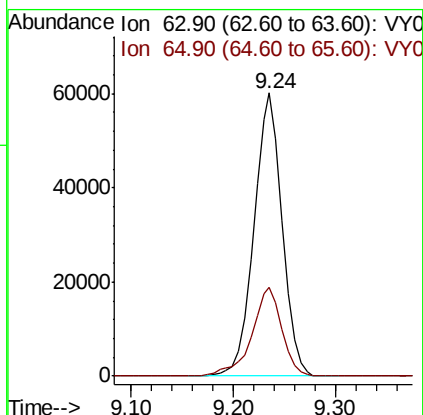
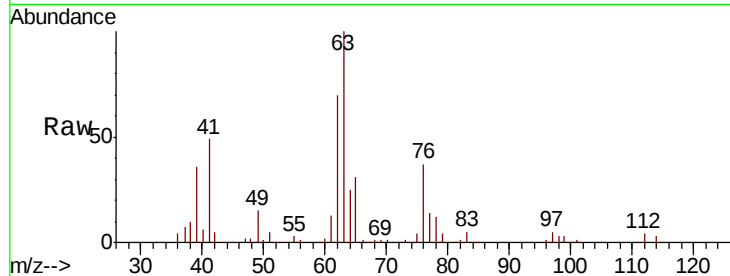




#45
 1,2-Dichloropropane
 Concen: 51.482 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

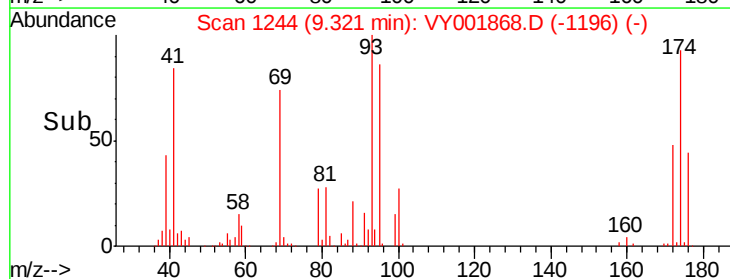
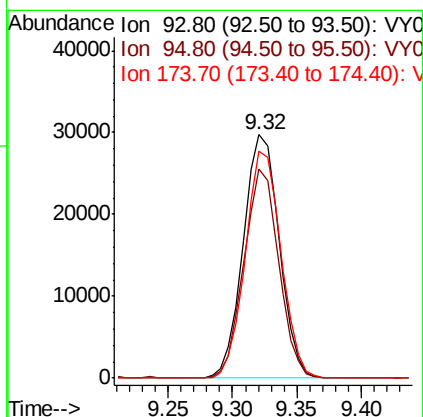
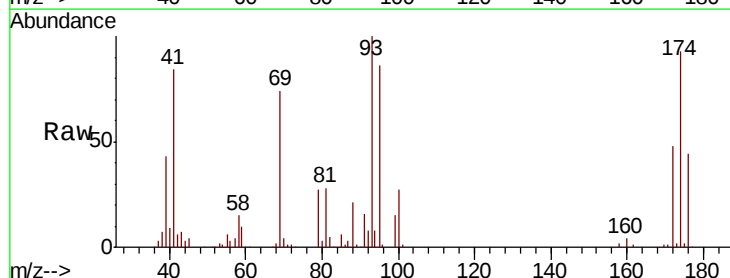
Instrument :
 MSVOA_Y
 ClientSampleId :

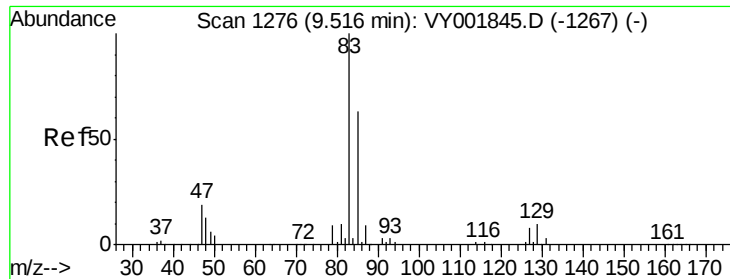
Tot Ion: 63 Resp: 115130
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3



#46
 Dibromomethane
 Concen: 49.823 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 93 Resp: 57418
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.4
 174 92.3 71.8 107.8

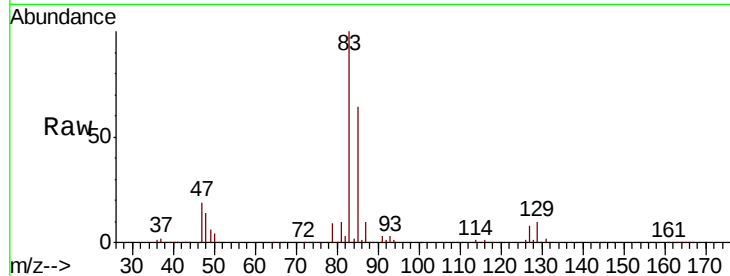




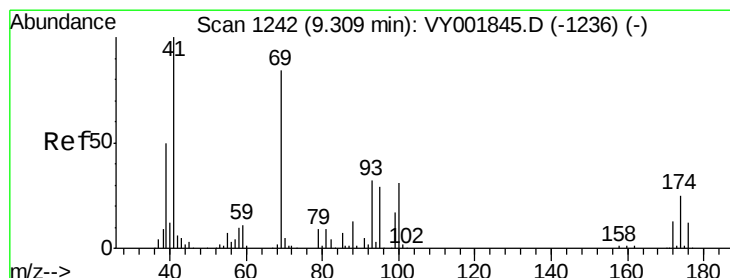
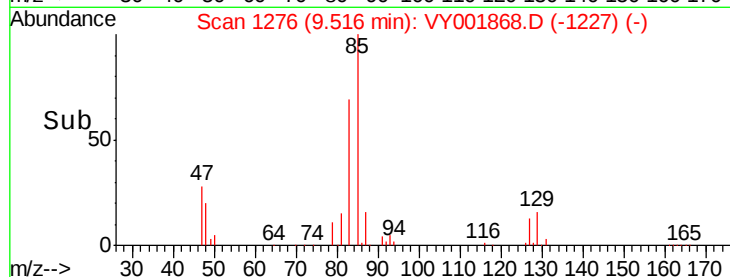
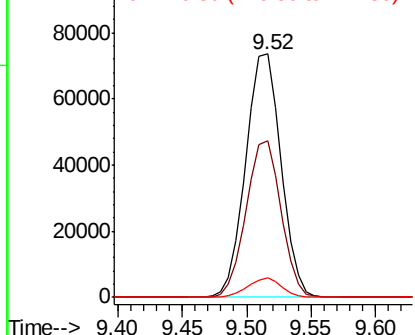
#47
Bromodichloromethane
Concen: 52.109 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 139694
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0
127 8.1 6.2 9.4

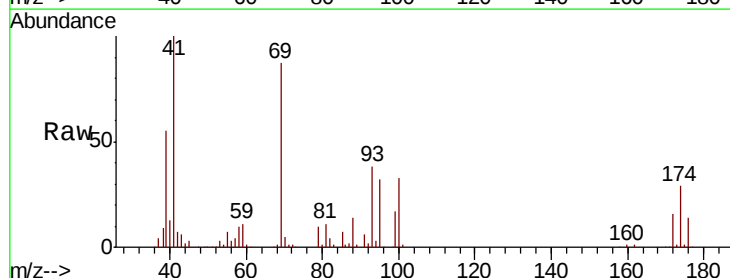


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

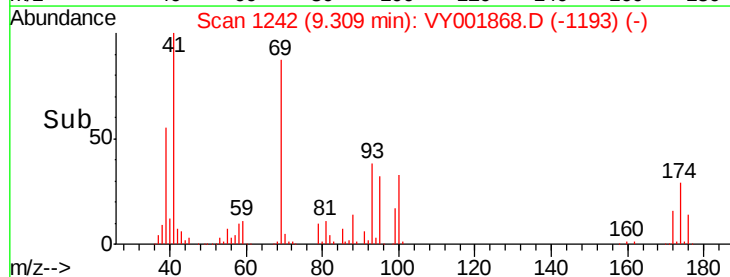
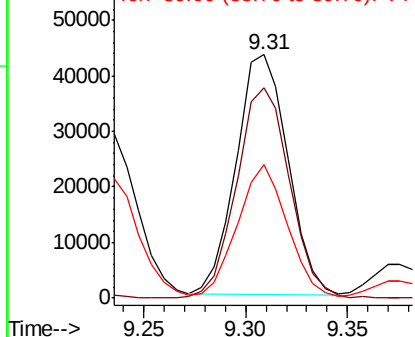


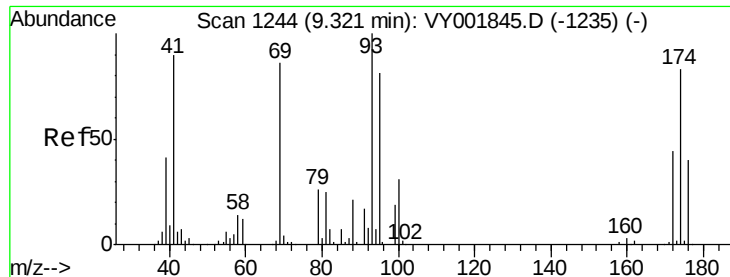
#48
Methyl methacrylate
Concen: 52.090 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 41 Resp: 76336
Ion Ratio Lower Upper
41 100
69 89.6 69.0 103.6
39 53.9 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

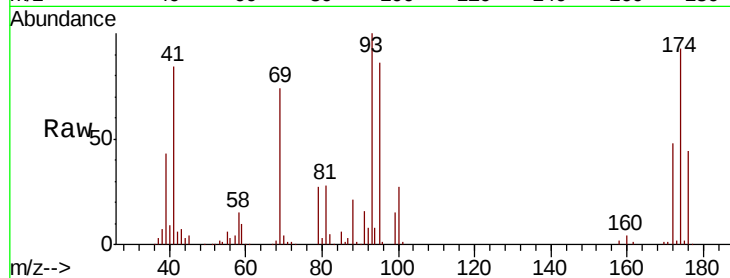




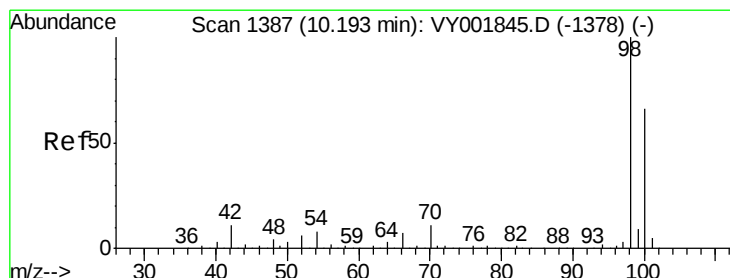
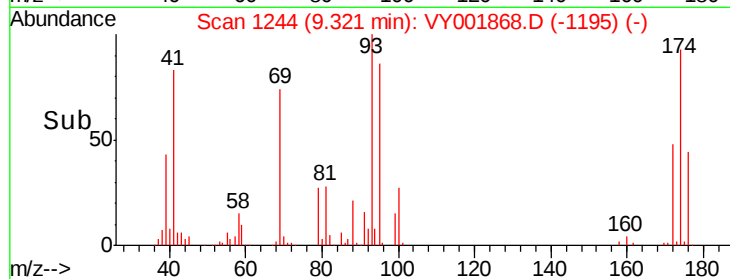
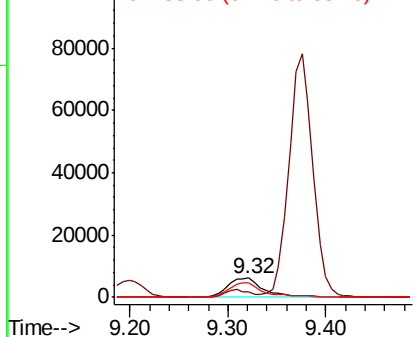
#49
 1,4-Dioxane
 Concen: 1003.161 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 15841
 Ion Ratio Lower Upper
 88 100
 43 30.6 25.0 37.6
 58 75.1 58.9 88.3

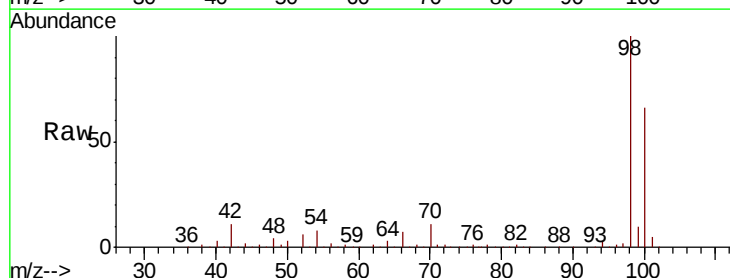


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

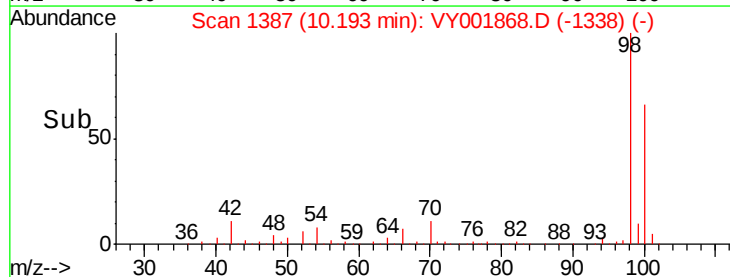
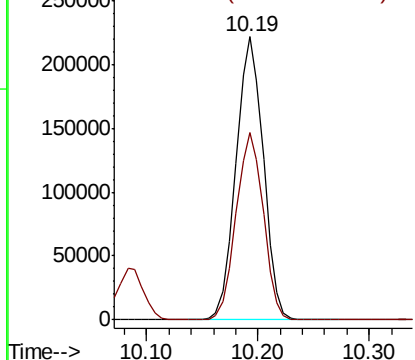


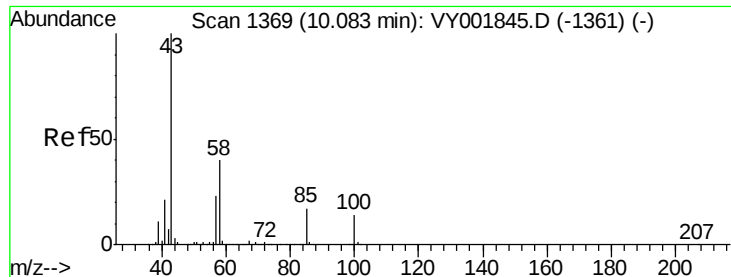
#50
 Toluene-d8
 Concen: 52.358 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 98 Resp: 376012
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 262.514 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

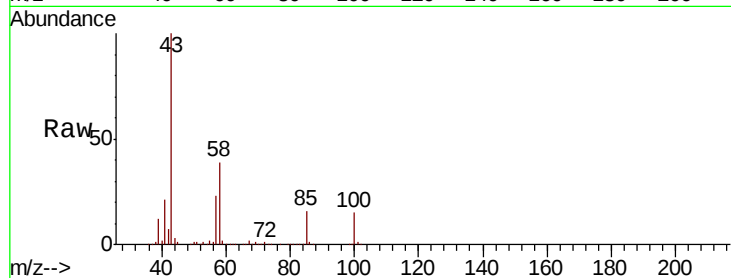
ClientSampleId :

Tot Ion: 43 Resp: 446561

Ion Ratio Lower Upper

43 100

58 39.7 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

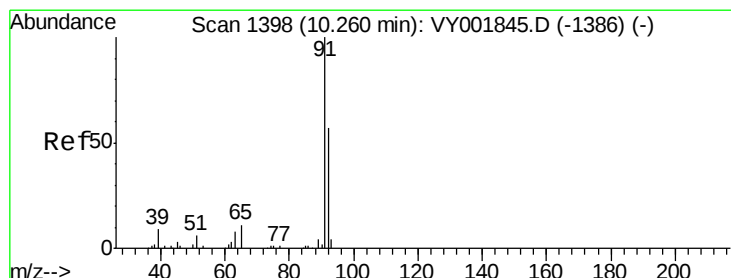
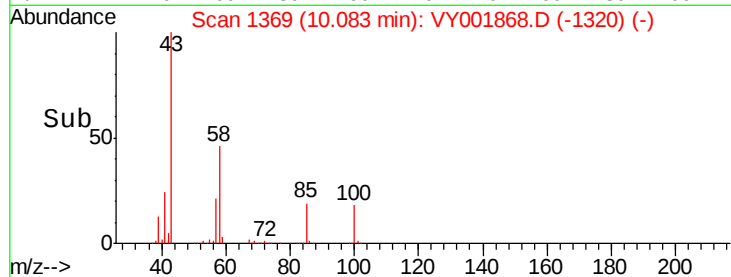
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 51.612 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001868.D

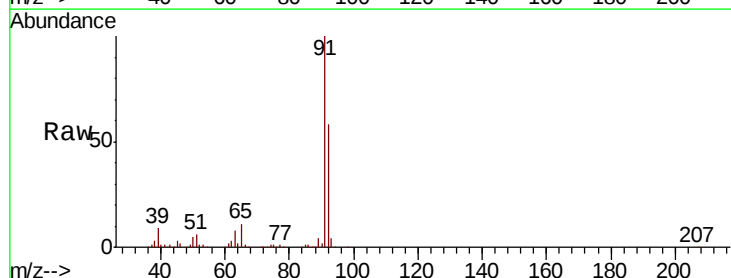
Acq: 05 Mar 2020 09:45

Tgt Ion: 92 Resp: 278920

Ion Ratio Lower Upper

92 100

91 172.8 138.6 208.0



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

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

10.25

300000

250000

200000

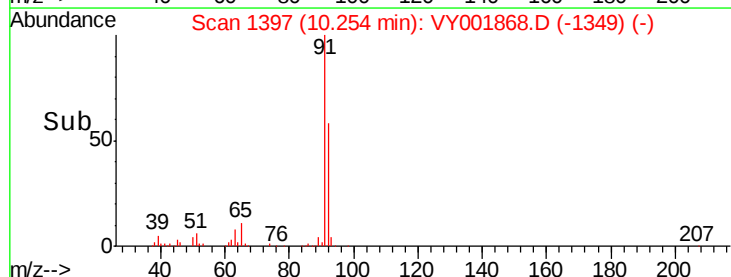
150000

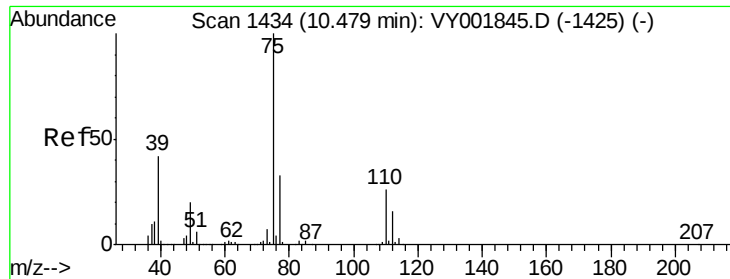
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.456 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

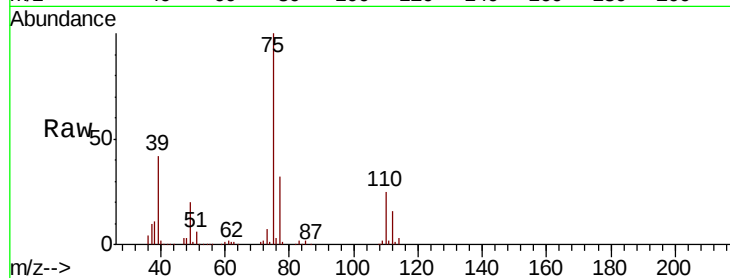
ClientSampled :

Tot Ion: 75 Resp: 153207

Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

80000

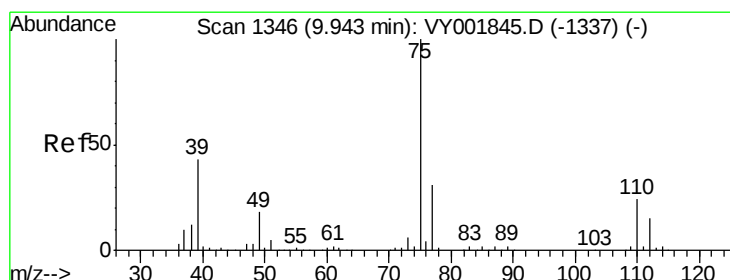
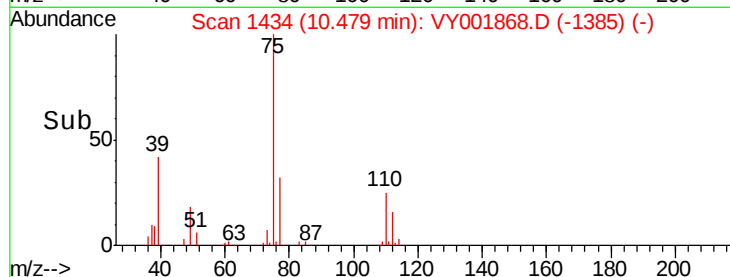
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.088 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

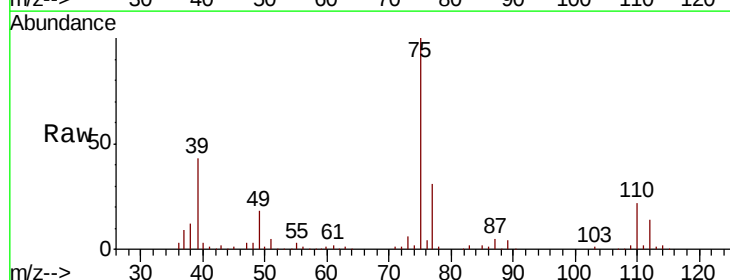
Tgt Ion: 75 Resp: 181106

Ion Ratio Lower Upper

75 100

77 30.5 25.1 37.7

39 43.1 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

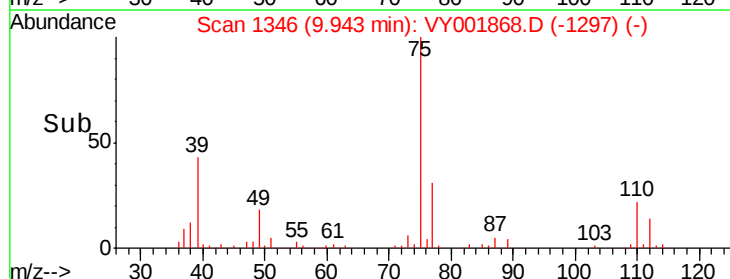
150000

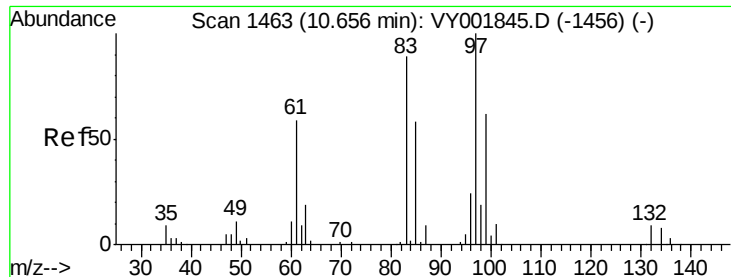
100000

50000

0

Time-->

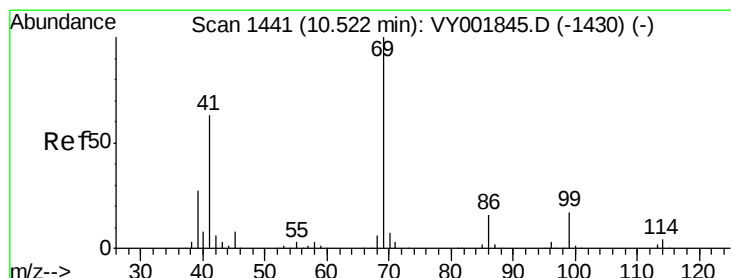
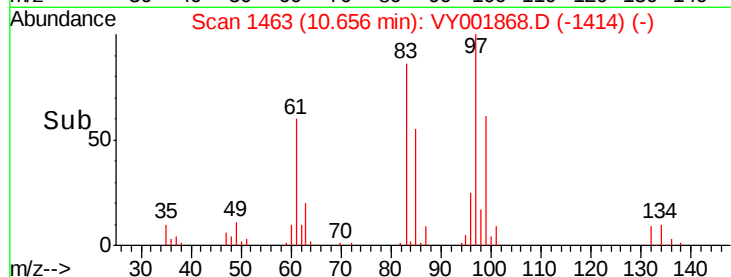
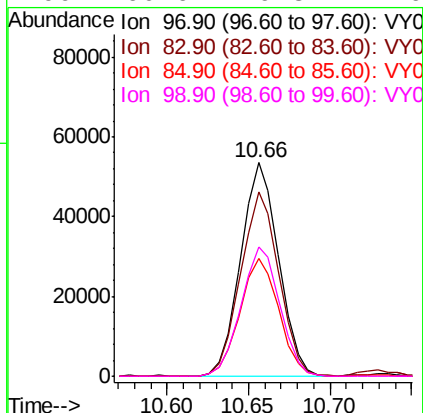
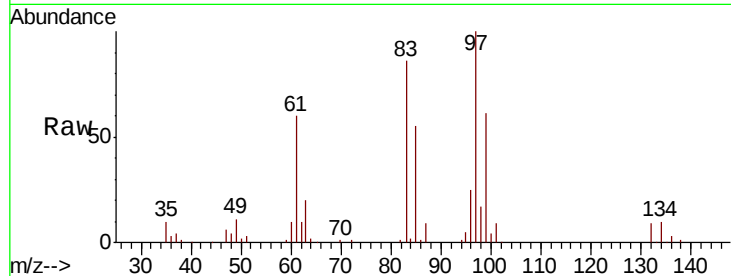




#55
 1,1,2-Trichloroethane
 Concen: 51.243 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

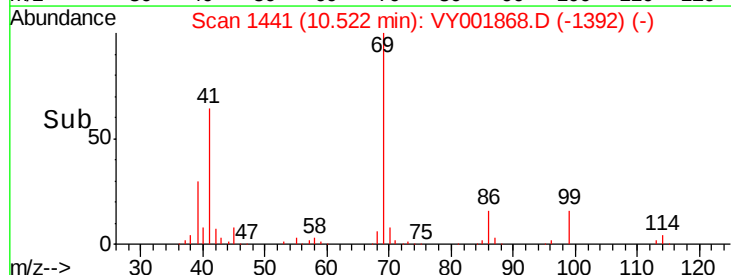
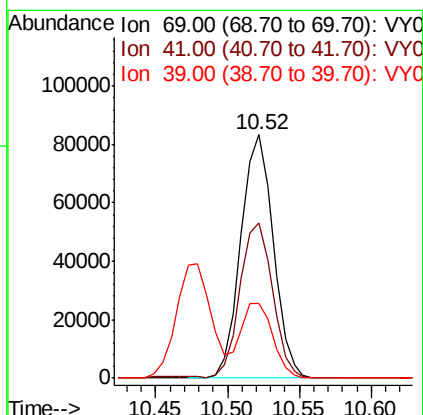
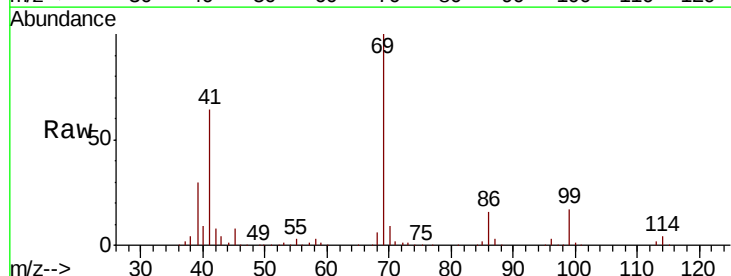
Instrument :
 MSVOA_Y
 ClientSampleId :

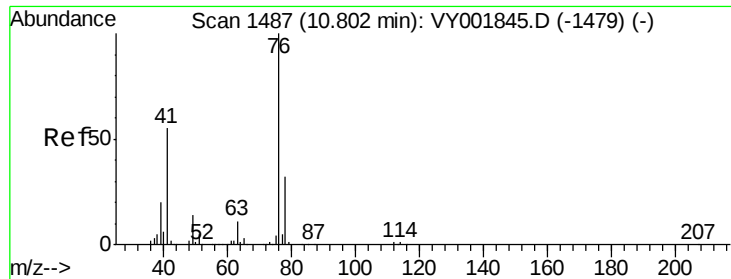
Tot Ion: 97 Resp: 86425
 Ion Ratio Lower Upper
 97 100
 83 86.2 71.6 107.4
 85 55.2 46.6 69.8
 99 60.6 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 52.857 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 69 Resp: 130666
 Ion Ratio Lower Upper
 69 100
 41 63.9 49.9 74.9
 39 31.2 23.0 34.6





#57

1,3-Dichloropropane

Concen: 51.248 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

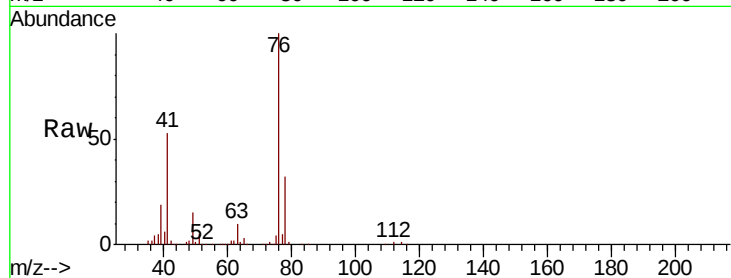
ClientSampled :

Tot Ion: 76 Resp: 154070

Ion Ratio Lower Upper

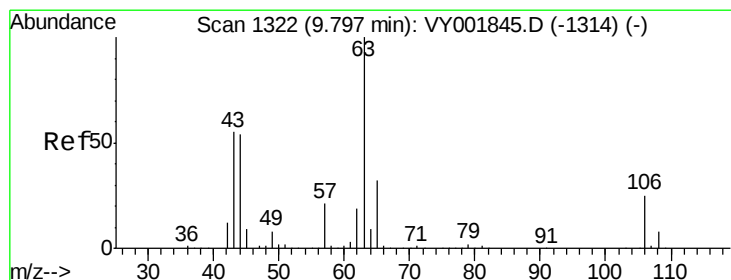
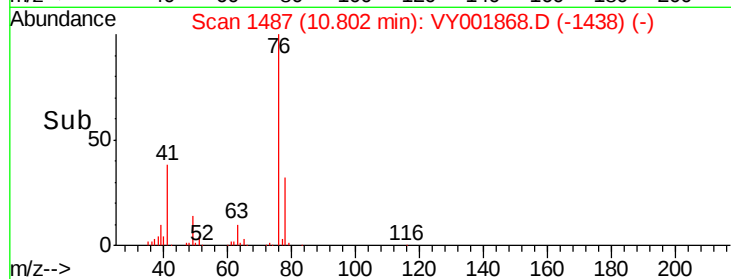
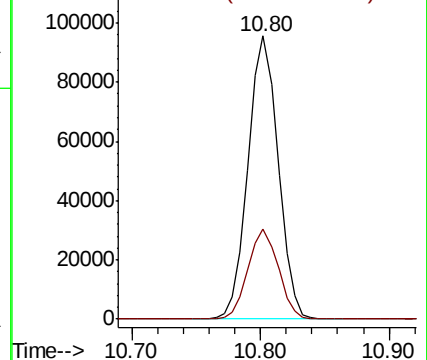
76 100

78 32.0 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: 232.622 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001868.D

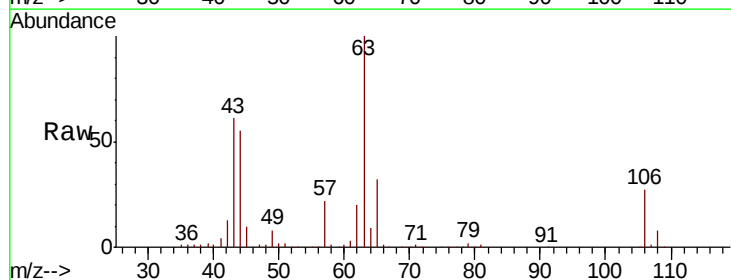
Acq: 05 Mar 2020 09:45

Tgt Ion: 63 Resp: 202960

Ion Ratio Lower Upper

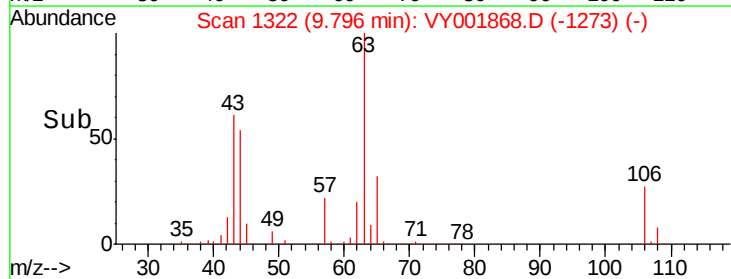
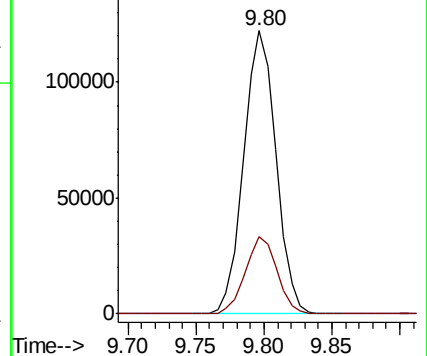
63 100

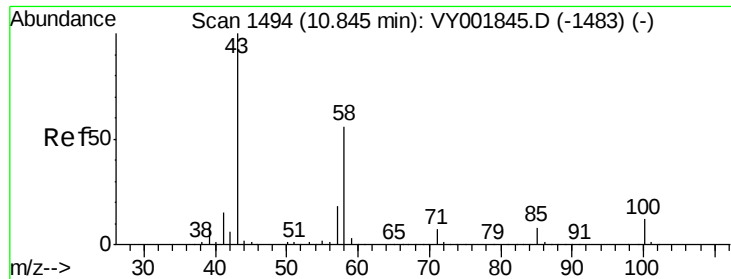
106 26.7 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

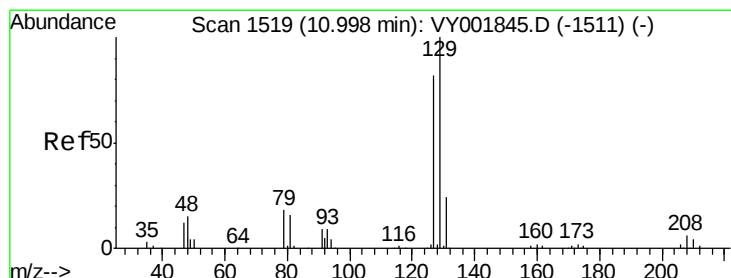
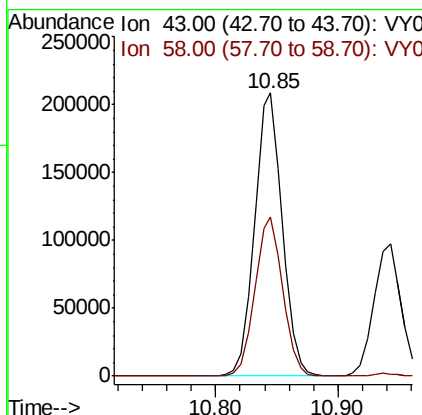
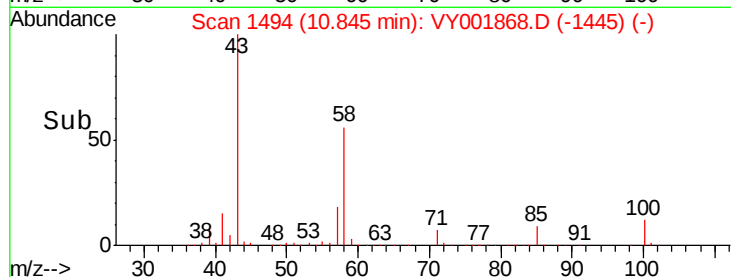
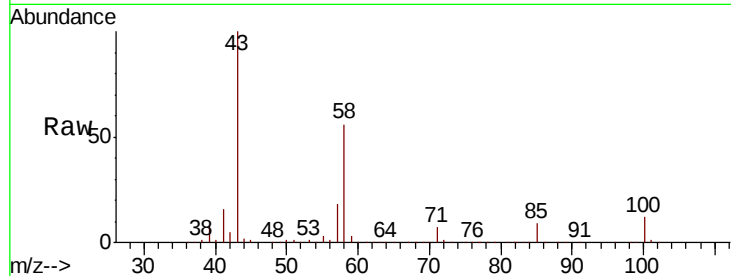




#59
2-Hexanone
Concen: 270.088 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

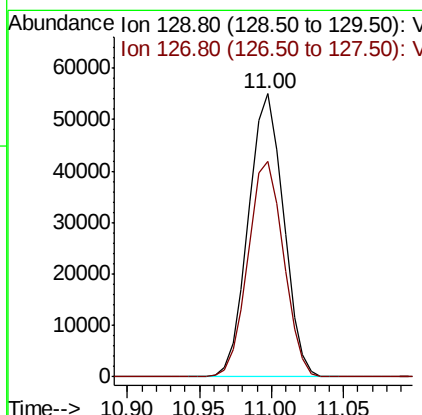
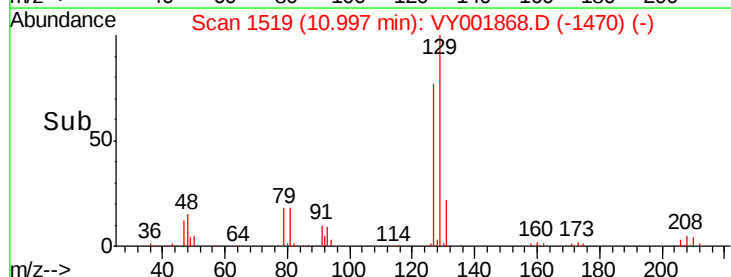
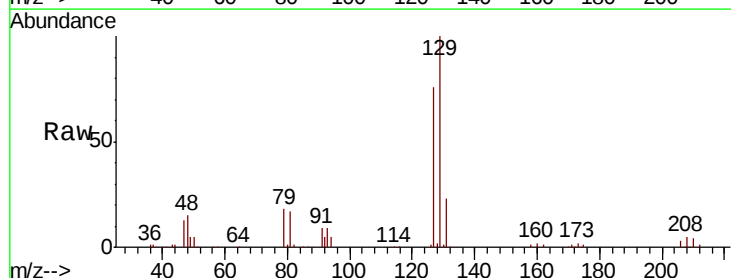
Instrument :
MSVOA_Y
ClientSampleId :

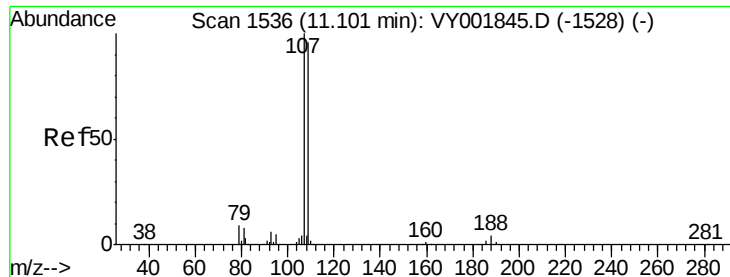
Tot Ion: 43 Resp: 327931
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 52.205 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 129 Resp: 92777
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

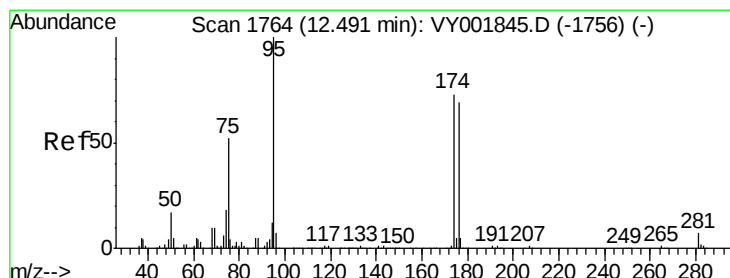
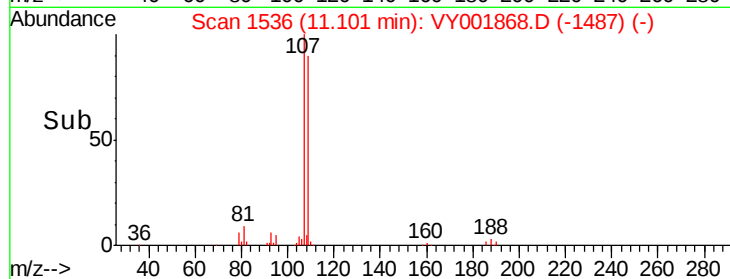
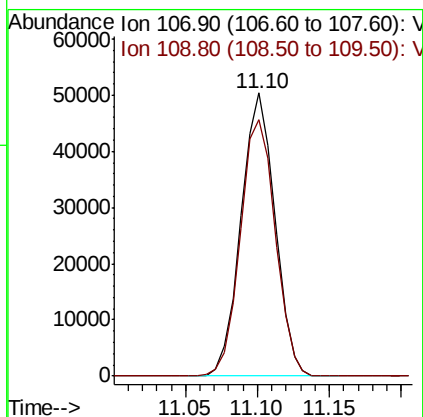
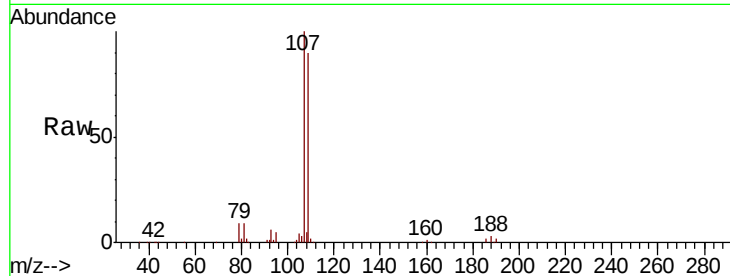




#61
 1,2-Dibromoethane
 Concen: 51.391 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

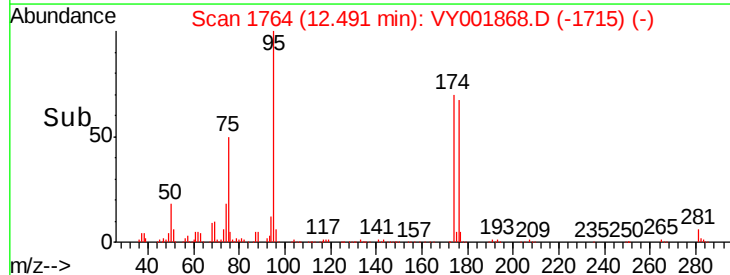
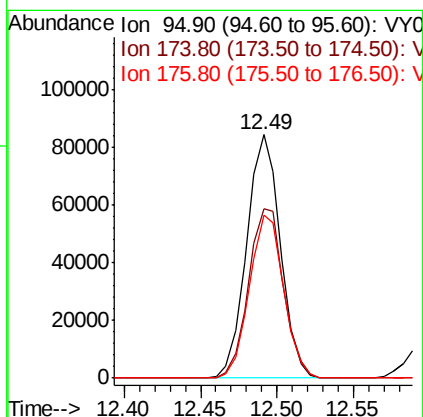
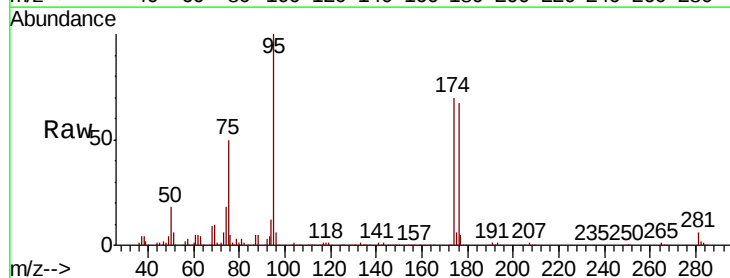
Instrument :
 MSVOA_Y
 ClientSampleId :

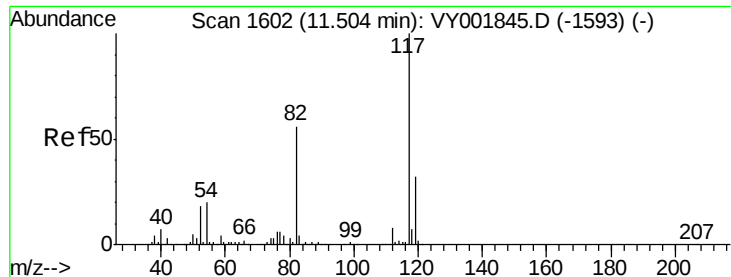
Tot Ion: 107 Resp: 82102
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.828 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion: 95 Resp: 129422
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 145.0
 176 68.3 0.0 137.4

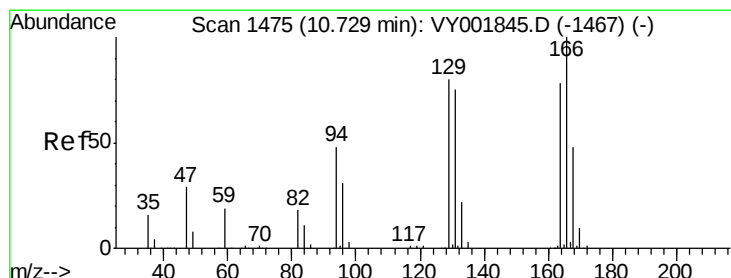
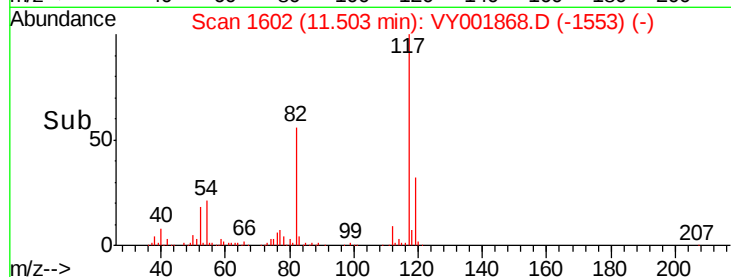
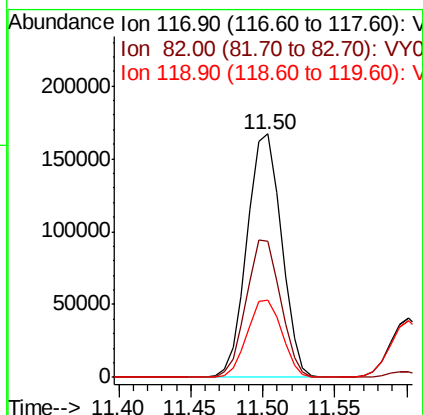
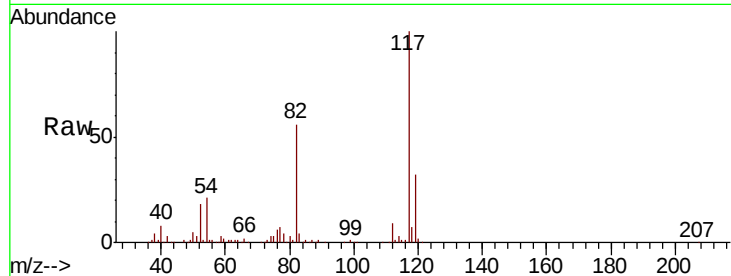




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

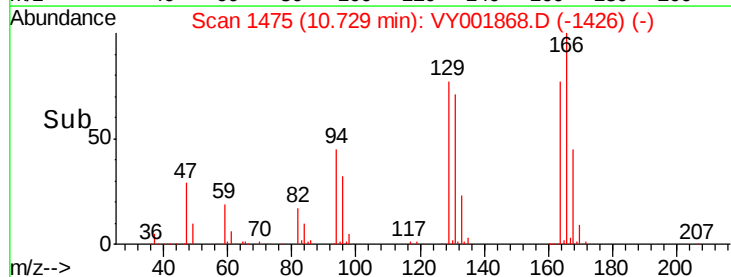
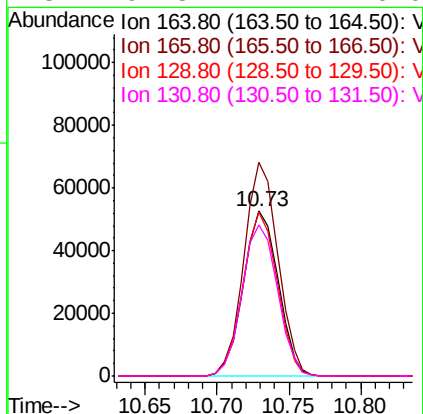
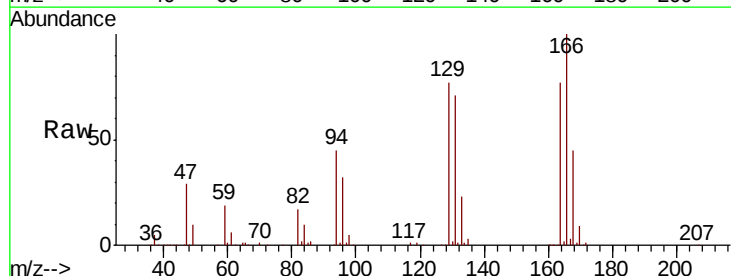
Instrument :
MSVOA_Y
ClientSampled :

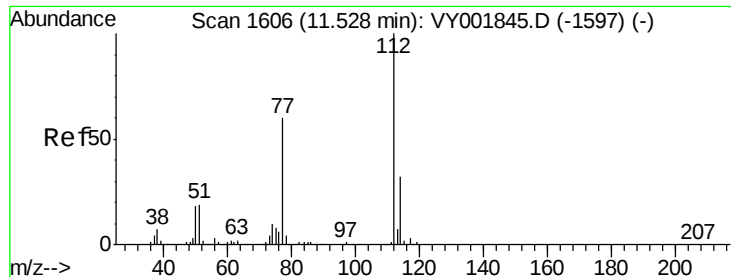
Tot Ion:117 Resp: 277207
Ion Ratio Lower Upper
117 100
82 56.1 44.5 66.7
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 50.760 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:164 Resp: 88242
Ion Ratio Lower Upper
164 100
166 129.4 102.6 154.0
129 99.2 82.3 123.5
131 91.8 77.4 116.0

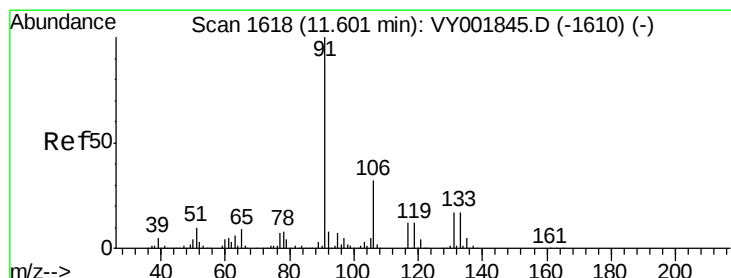
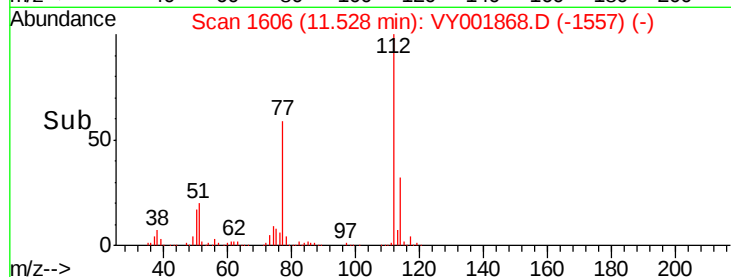
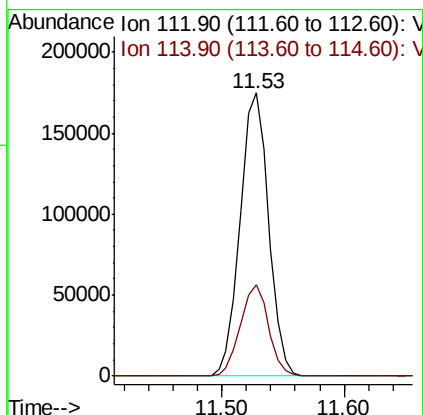
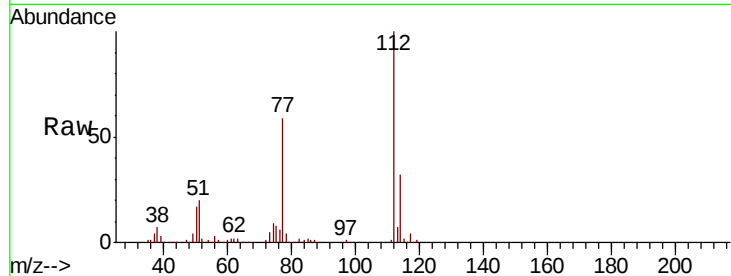




#65
Chlorobenzene
Concen: 51.046 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

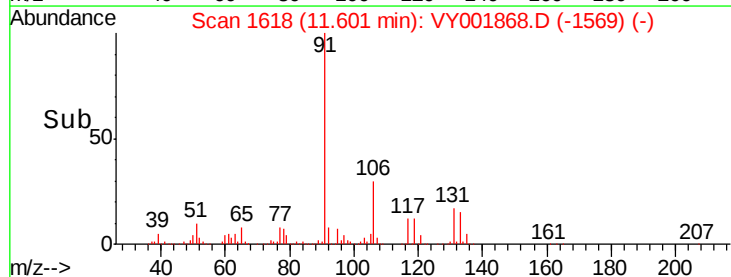
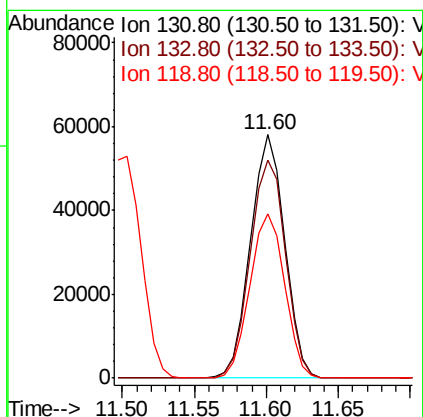
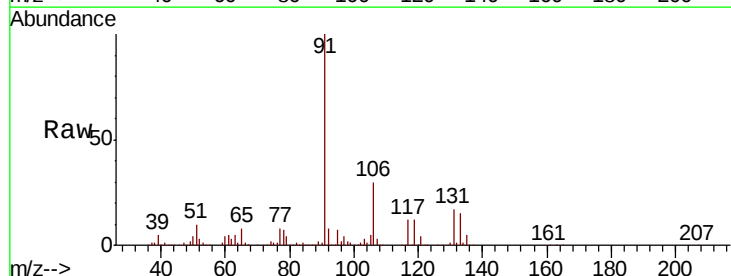
Instrument :
MSVOA_Y
ClientSampleId :

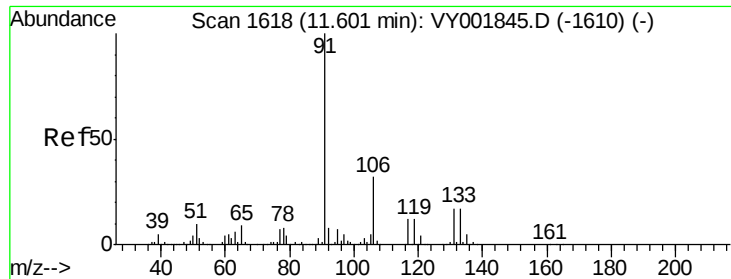
Tot Ion:112 Resp: 281949
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.534 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:131 Resp: 95155
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.3
119 68.8 34.5 103.6





#67

Ethyl Benzene

Concen: 51.508 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

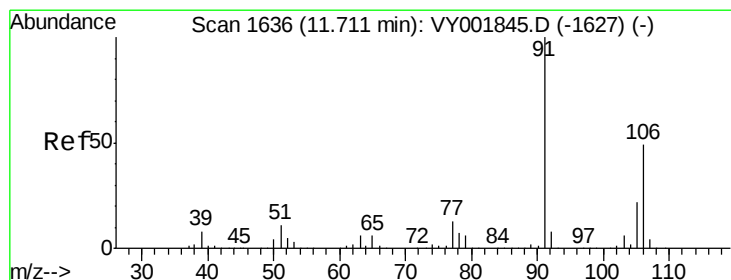
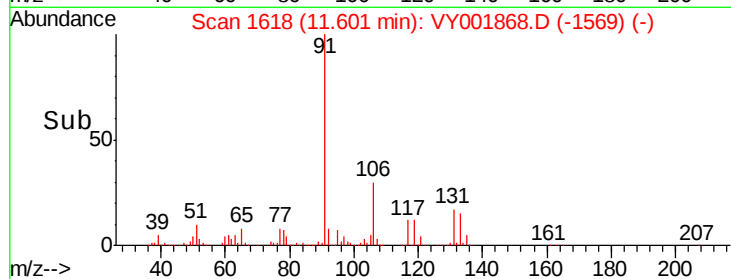
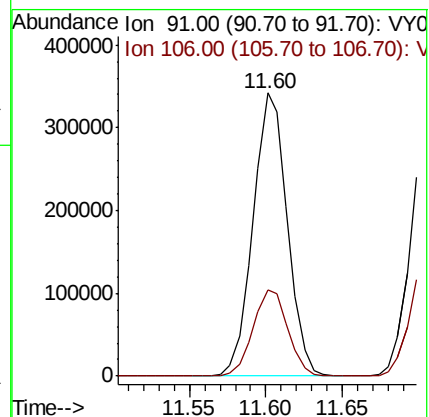
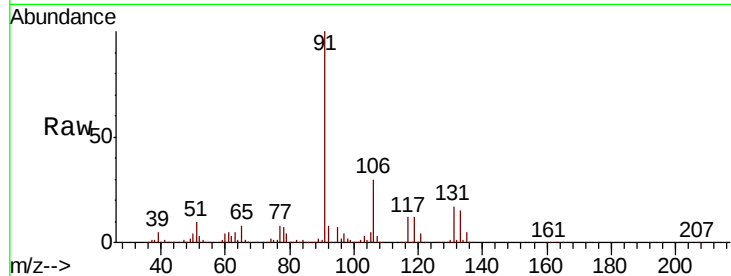
ClientSampleId :

Tot Ion: 91 Resp: 530595

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.2



#68

m/p-Xylenes

Concen: 103.864 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001868.D

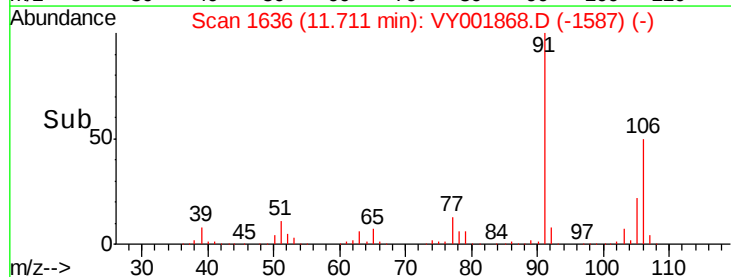
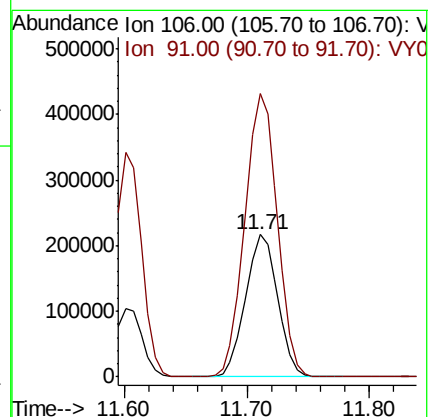
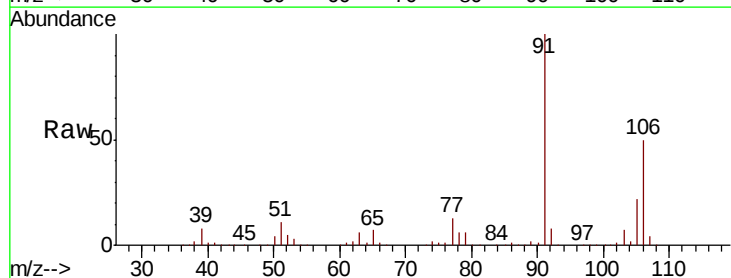
Acq: 05 Mar 2020 09:45

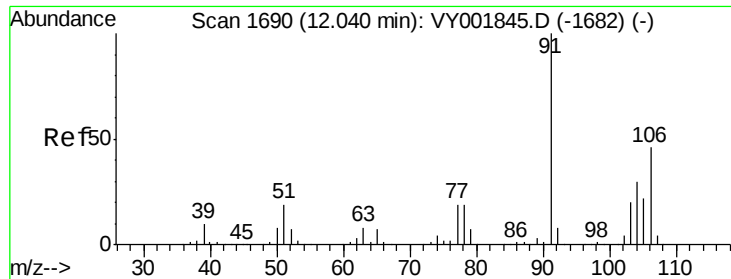
Tgt Ion: 106 Resp: 395564

Ion Ratio Lower Upper

106 100

91 200.6 161.3 241.9

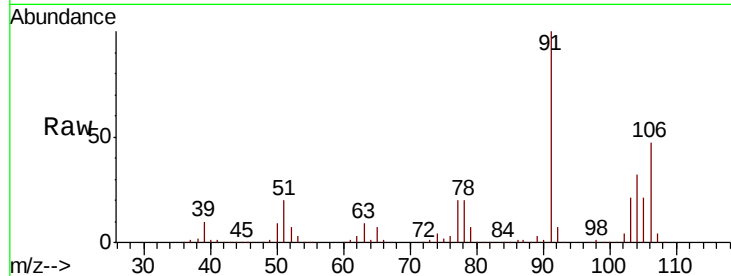




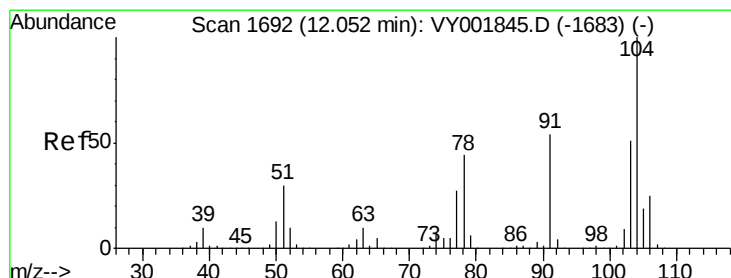
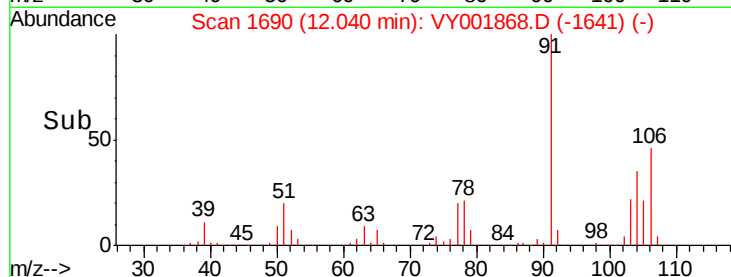
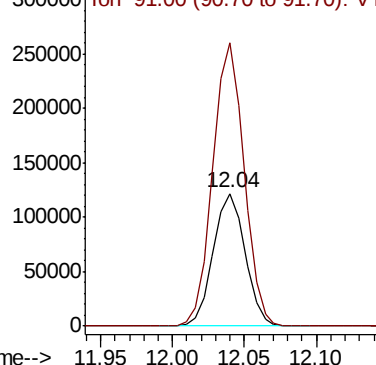
#69
o-Xylene
Concen: 51.932 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 186413
Ion Ratio Lower Upper
106 100
91 210.0 106.8 320.4

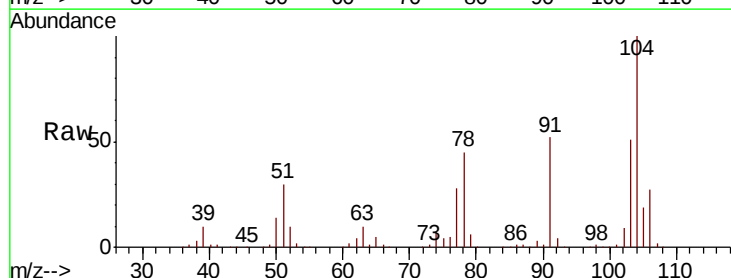


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

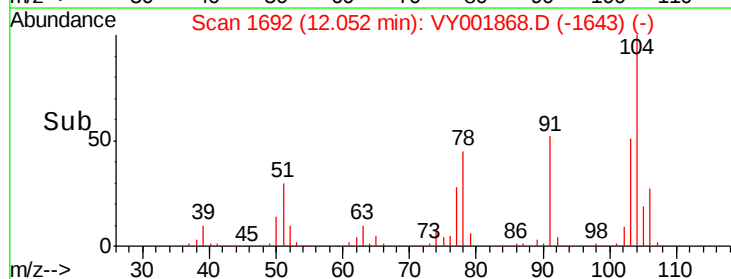
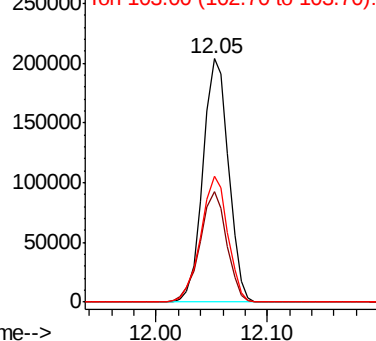


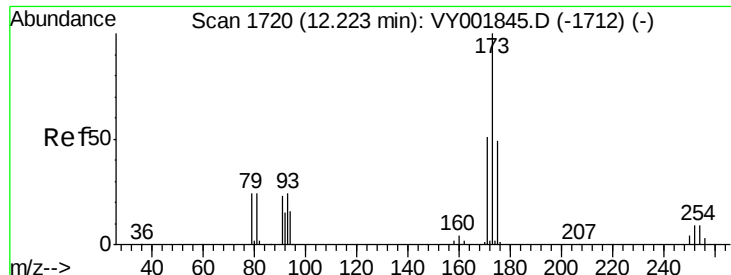
#70
Styrene
Concen: 52.648 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:104 Resp: 323675
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.4 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

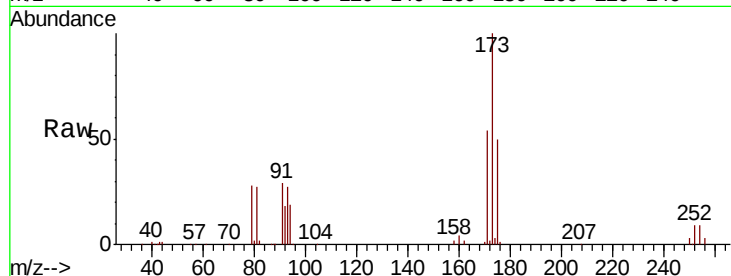




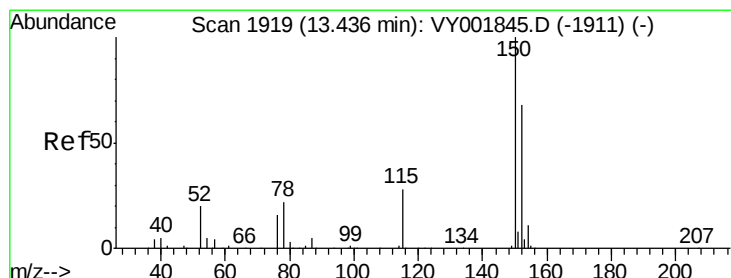
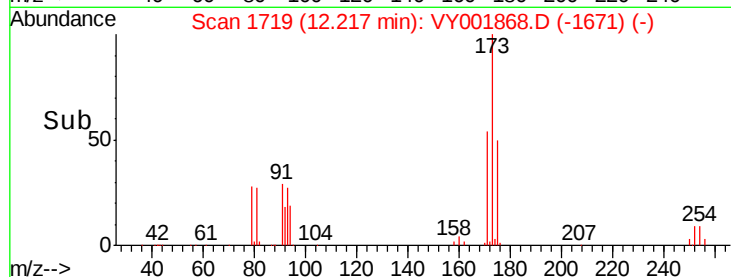
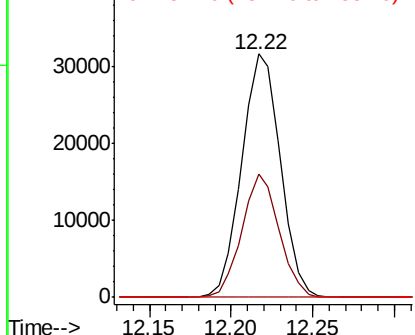
#71
Bromoform
Concen: 53.163 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 52222
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0

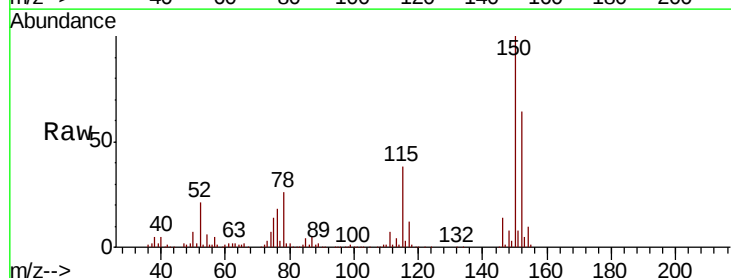


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

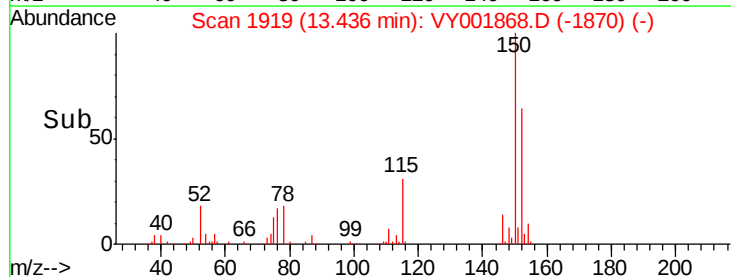
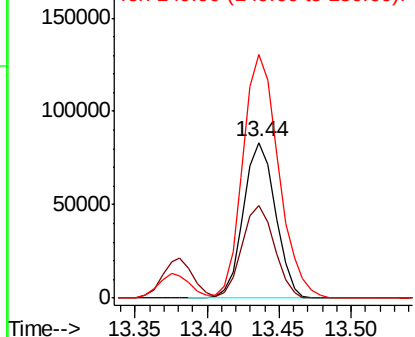


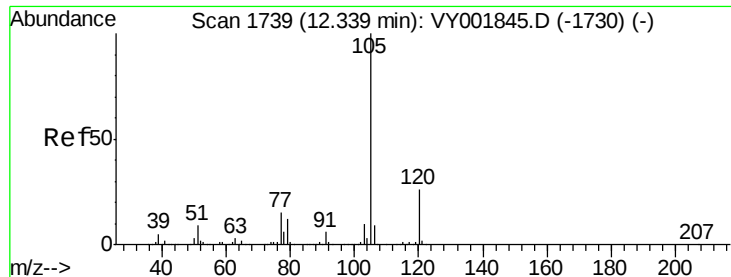
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:152 Resp: 128342
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 174.4 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: 50.774 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

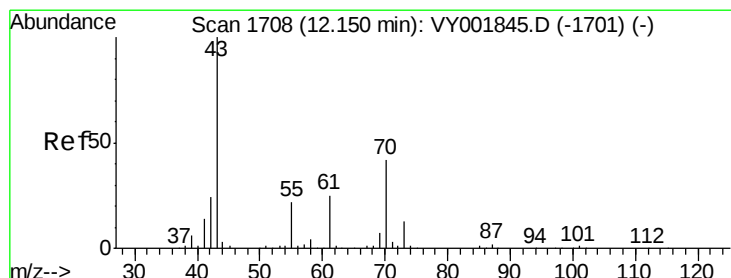
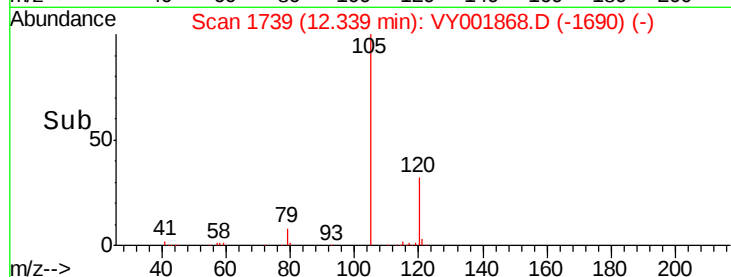
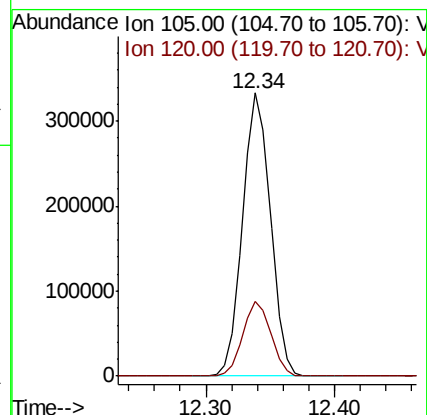
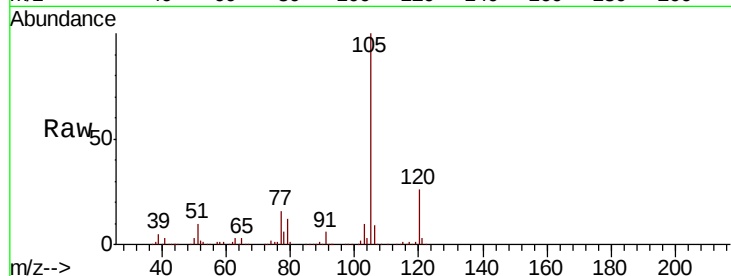
ClientSampleId :

Tot Ion:105 Resp: 497446

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 52.258 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Tgt Ion: 43 Resp: 157356

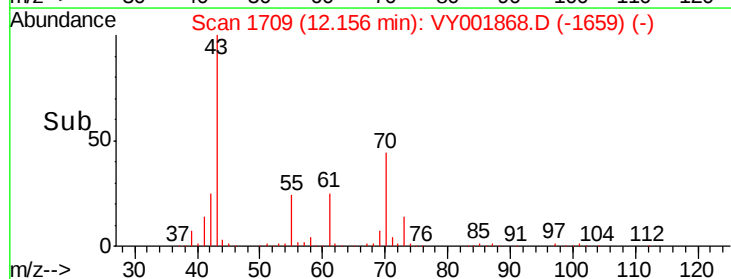
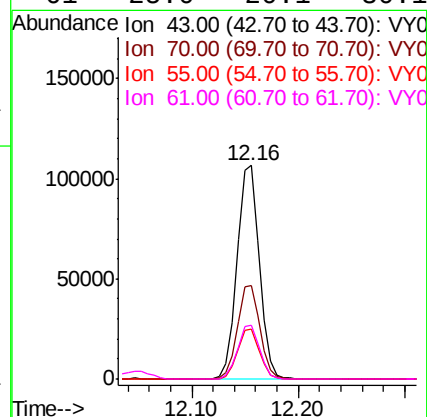
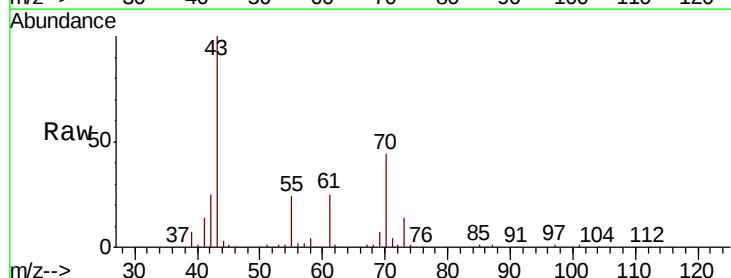
Ion Ratio Lower Upper

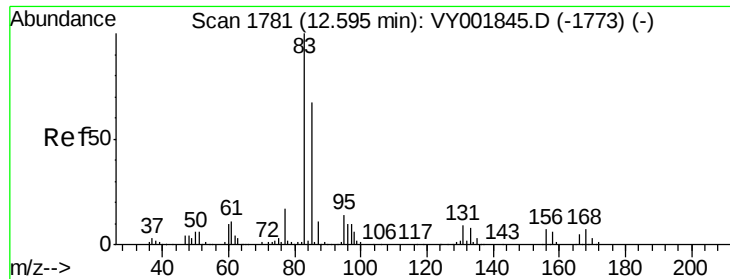
43 100

70 43.9 34.7 52.1

55 23.2 18.2 27.4

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.550 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

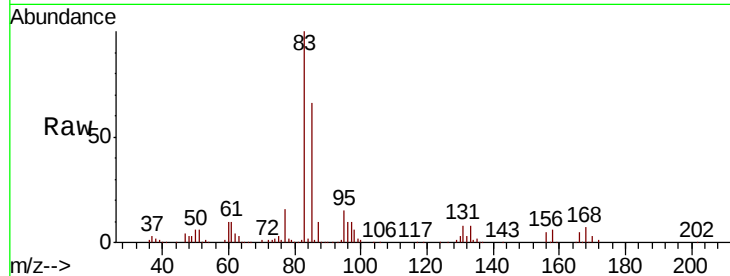
Tot Ion: 83 Resp: 108912

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

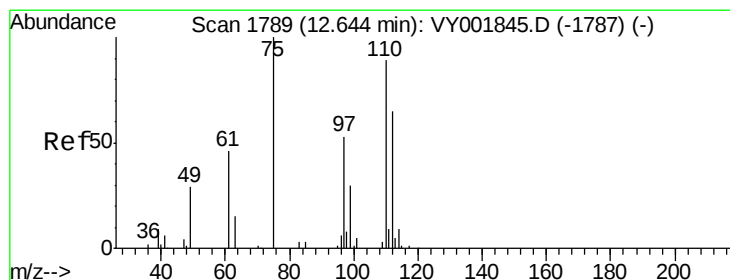
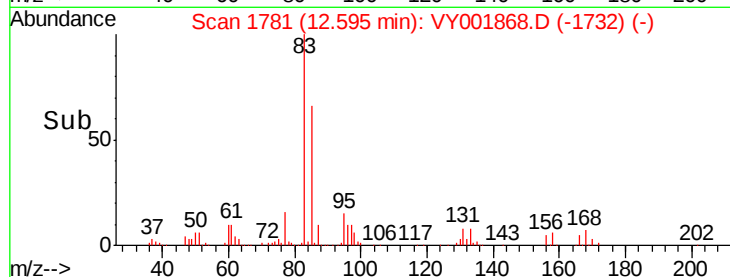
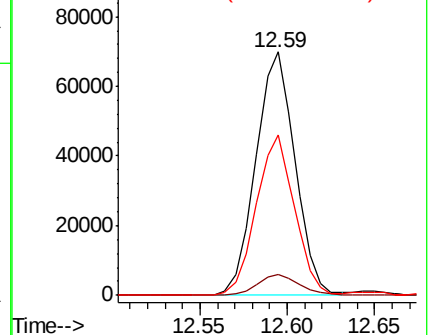
85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY001845.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY001845.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY001845.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 92.865 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001868.D

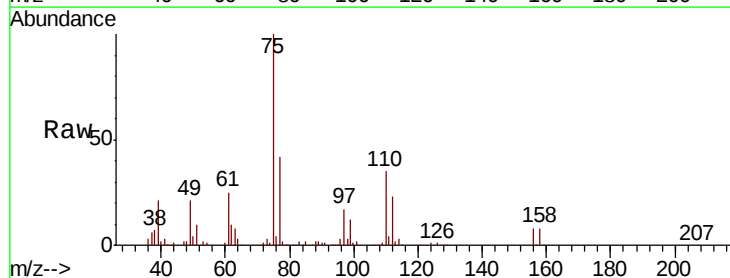
Acq: 05 Mar 2020 09:45

Tgt Ion: 75 Resp: 141420

Ion Ratio Lower Upper

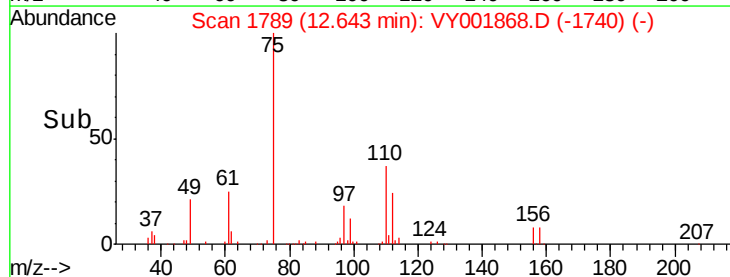
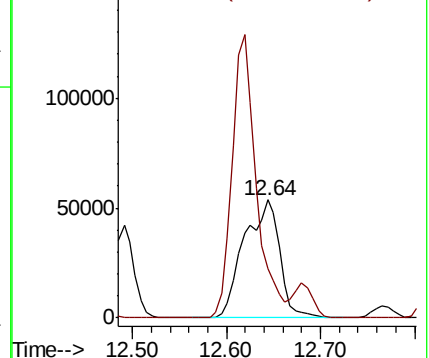
75 100

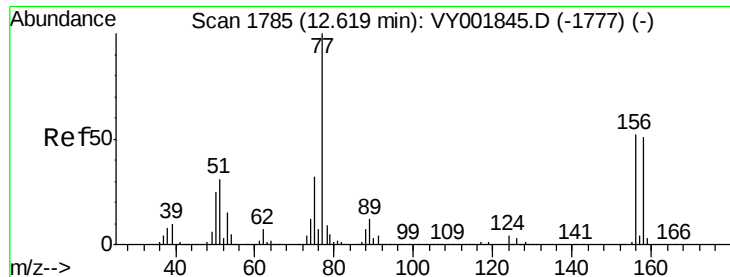
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001845.D (-1787) (-)





#77

Bromobenzene

Concen: 50.766 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

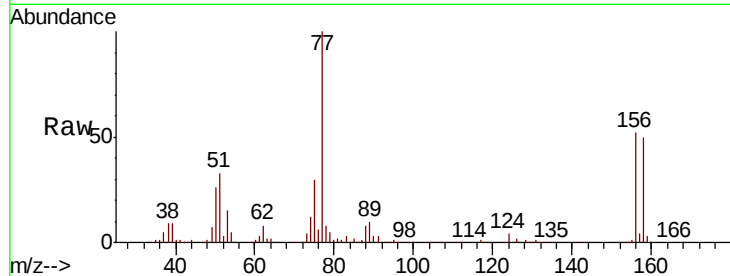
Tot Ion:156 Resp: 105377

Ion Ratio Lower Upper

156 100

77 216.8 109.0 327.0

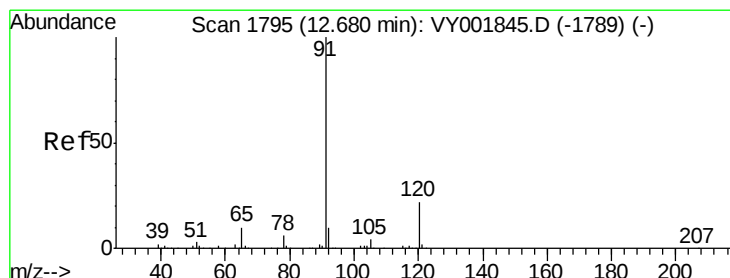
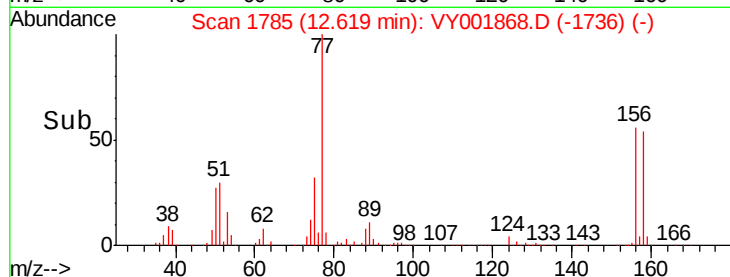
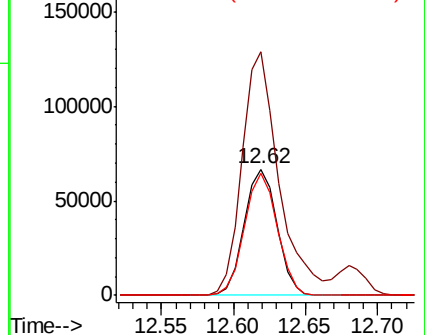
158 96.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.053 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001868.D

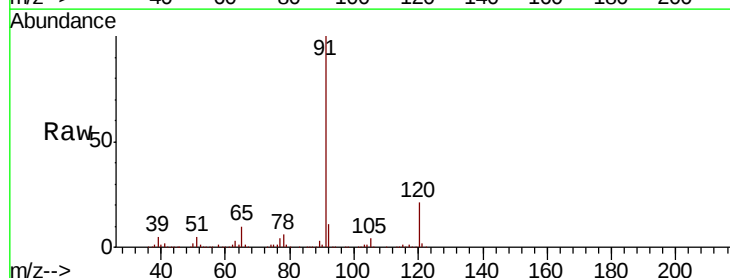
Acq: 05 Mar 2020 09:45

Tgt Ion: 91 Resp: 617075

Ion Ratio Lower Upper

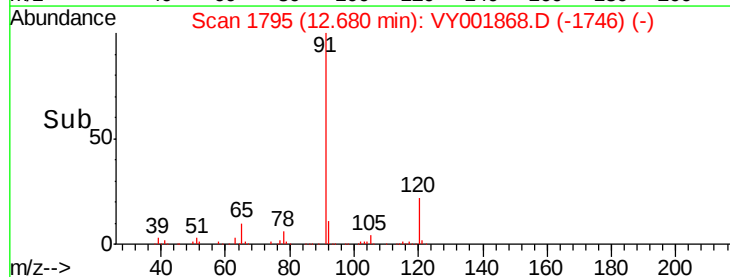
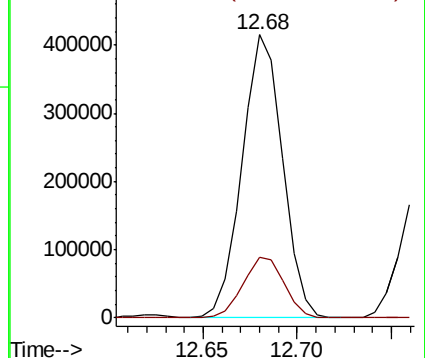
91 100

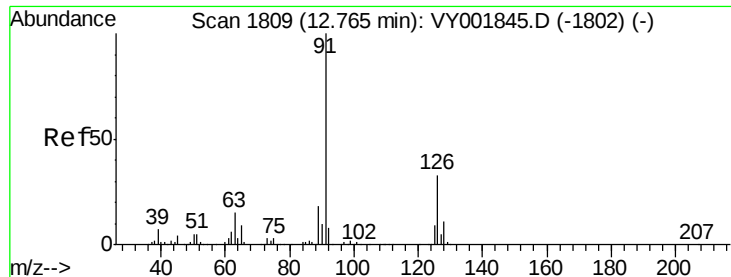
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.564 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

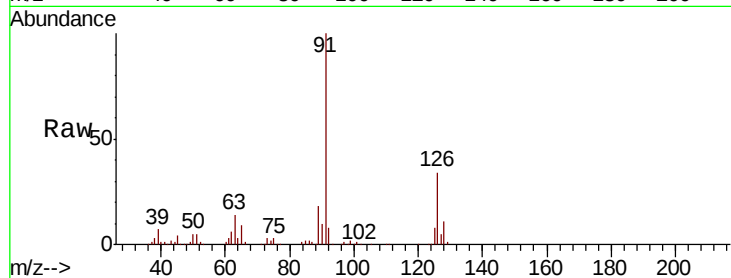
ClientSampleId :

Tot Ion: 91 Resp: 337661

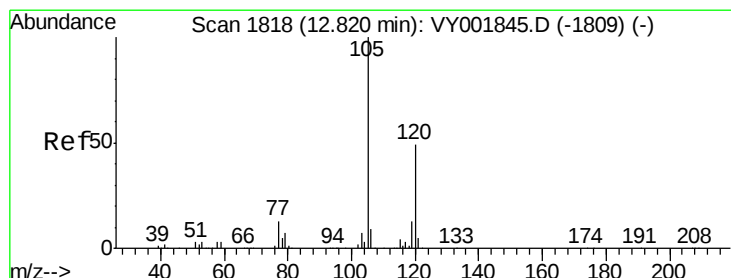
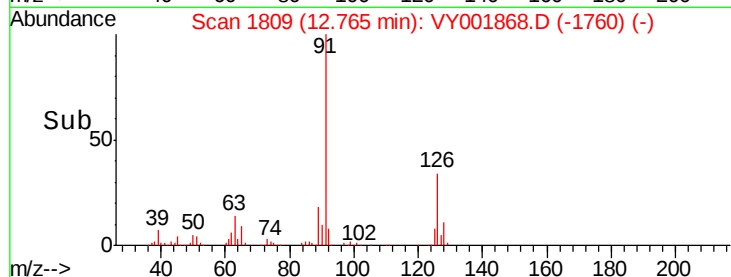
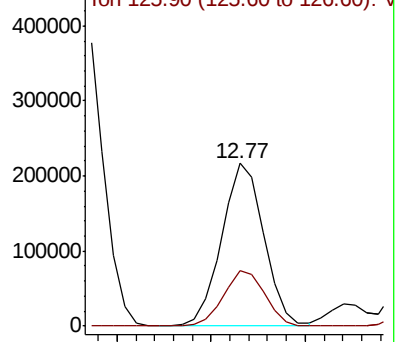
Ion Ratio Lower Upper

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: 50.645 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001868.D

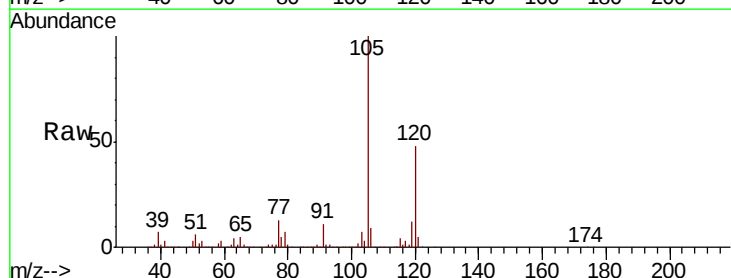
Acq: 05 Mar 2020 09:45

Tgt Ion: 105 Resp: 408479

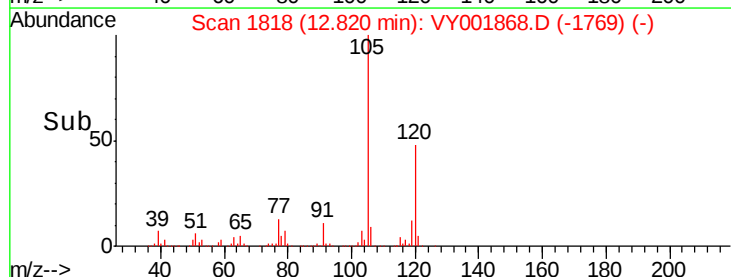
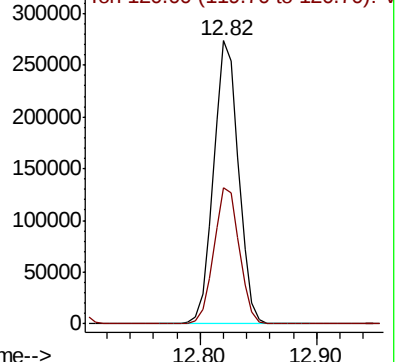
Ion Ratio Lower Upper

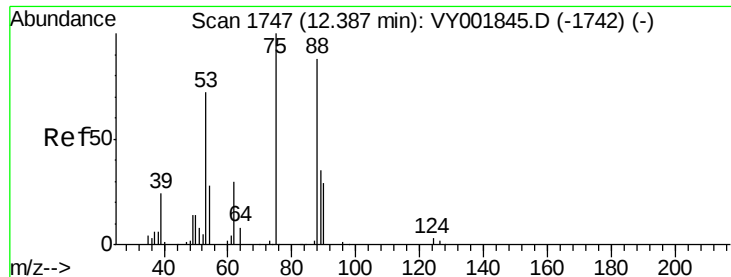
105 100

120 49.1 24.4 73.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 53.429 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

ClientSampleId :

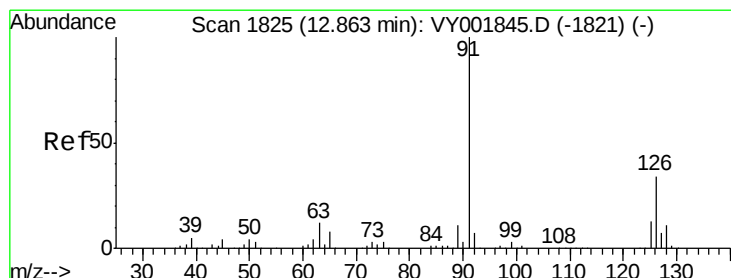
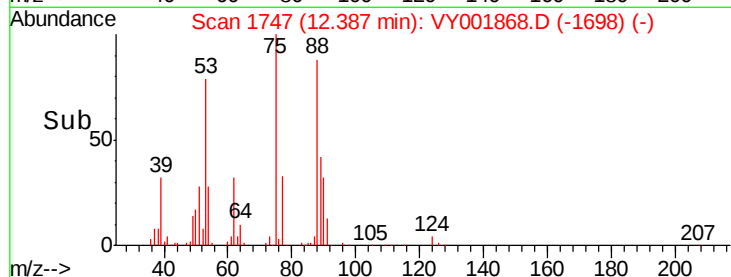
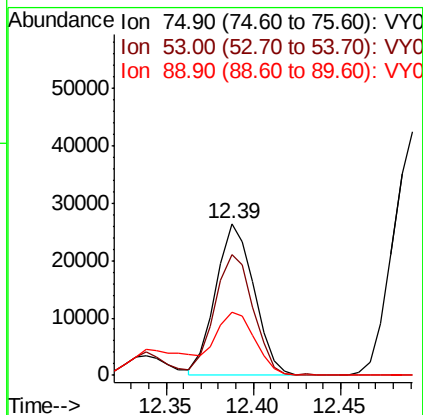
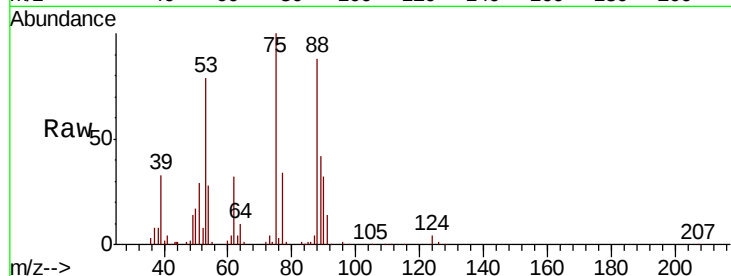
Tot Ion: 75 Resp: 40281

Ion Ratio Lower Upper

75 100

53 80.5 65.4 98.0

89 42.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.637 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001868.D

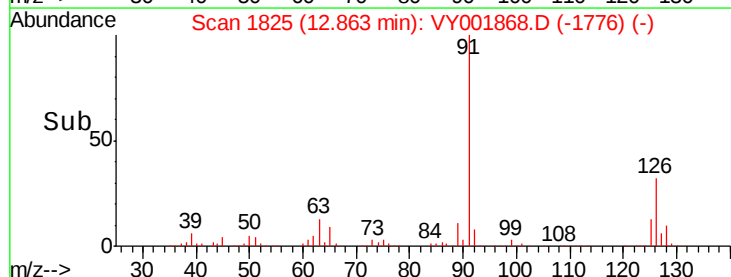
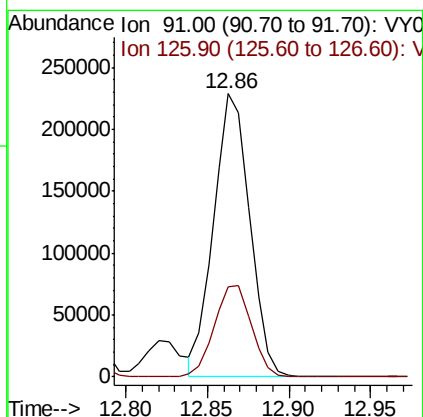
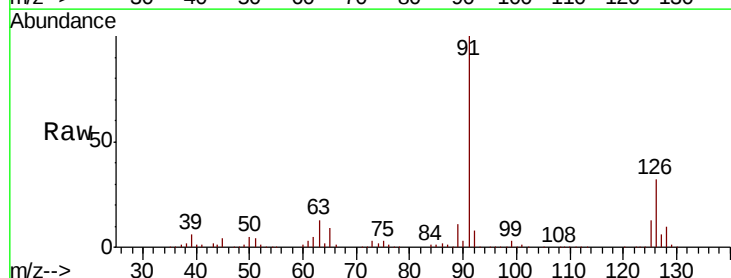
Acq: 05 Mar 2020 09:45

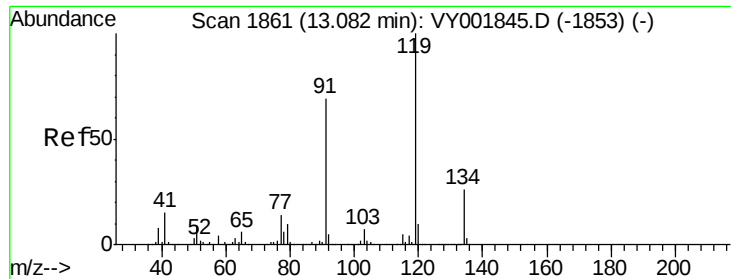
Tgt Ion: 91 Resp: 352074

Ion Ratio Lower Upper

91 100

126 33.5 16.4 49.2

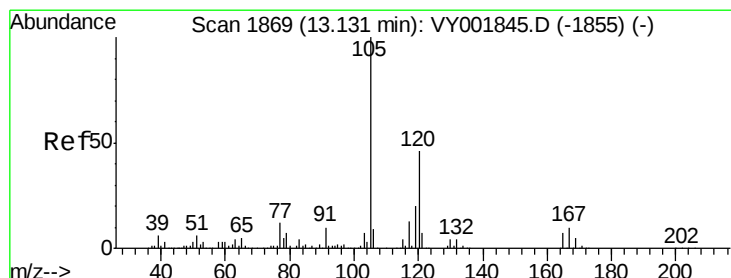
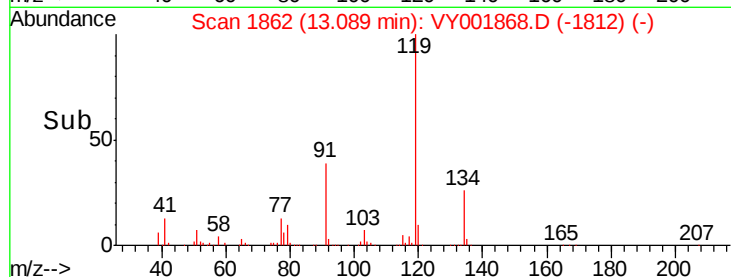
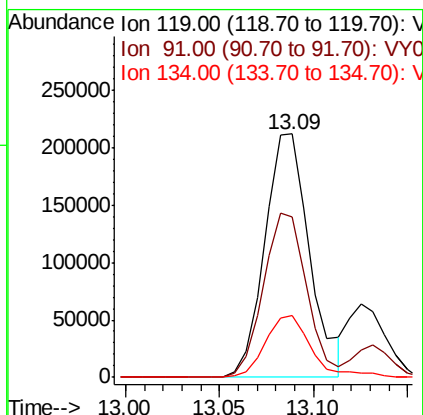
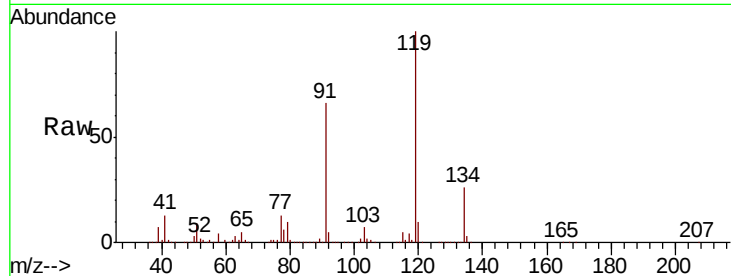




#83
tert-Butylbenzene
Concen: 52.454 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

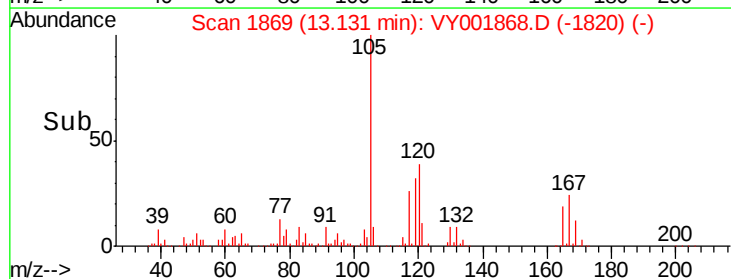
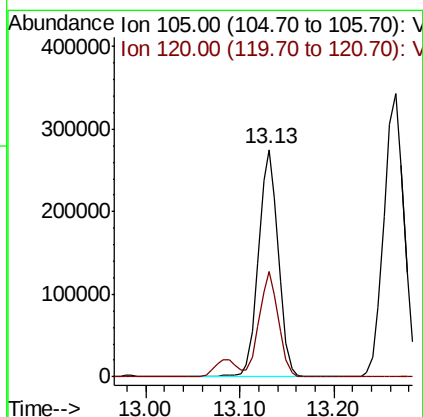
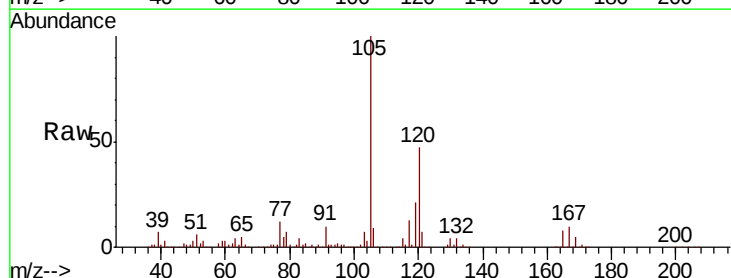
Instrument :
MSVOA_Y
ClientSampled :

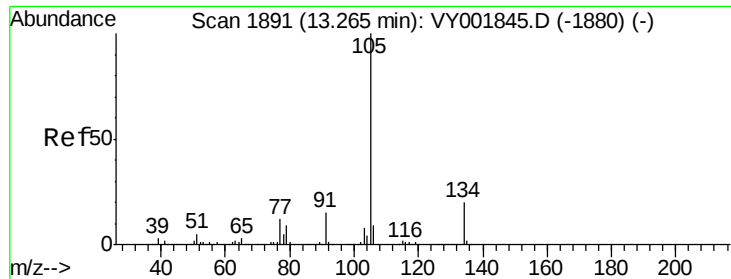
Tot Ion:119 Resp: 351394
Ion Ratio Lower Upper
119 100
91 65.1 34.0 101.8
134 26.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.117 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:105 Resp: 409160
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.702 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

Instrument :

MSVOA_Y

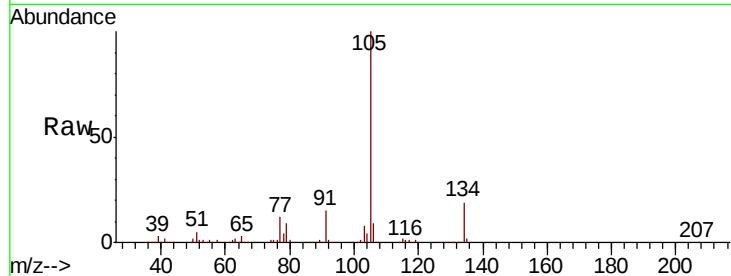
ClientSampleId :

Tot Ion:105 Resp: 510520

Ion Ratio Lower Upper

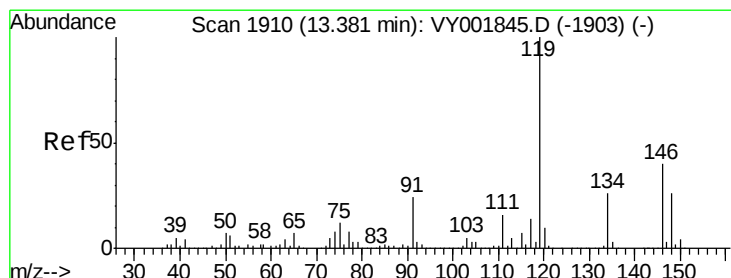
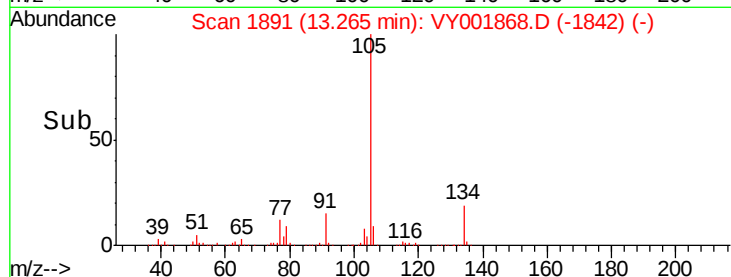
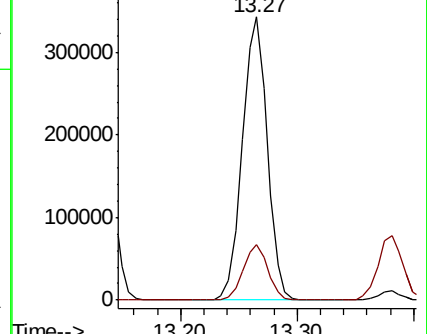
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.458 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. -0.00 min

Lab File: VY001868.D

Acq: 05 Mar 2020 09:45

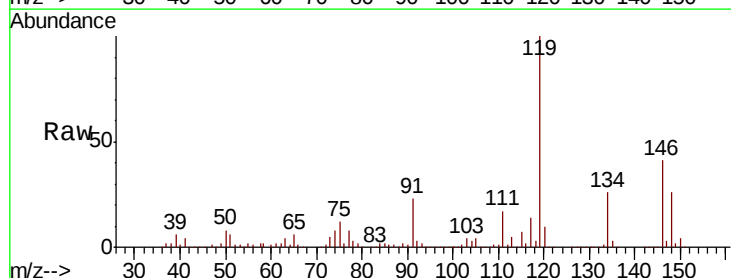
Tgt Ion:119 Resp: 438314

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

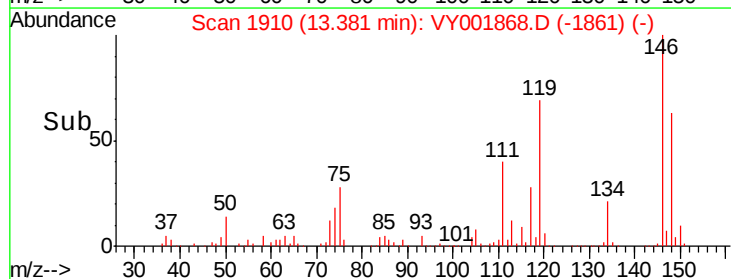
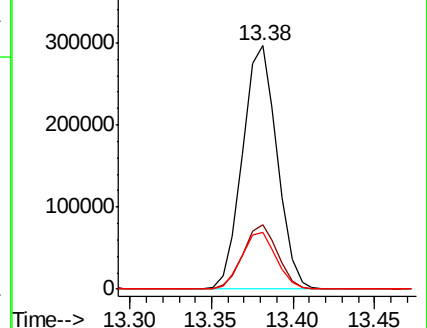
91 23.4 11.9 35.7

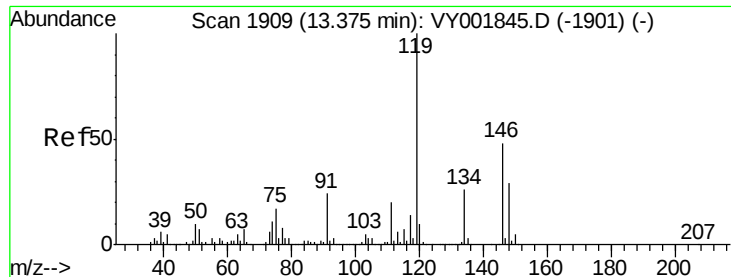


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

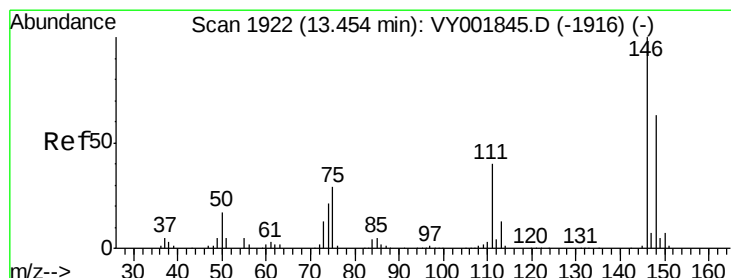
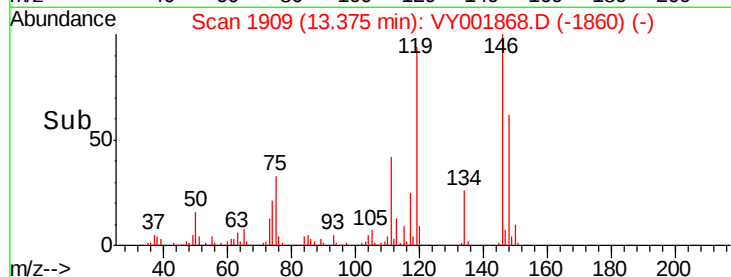
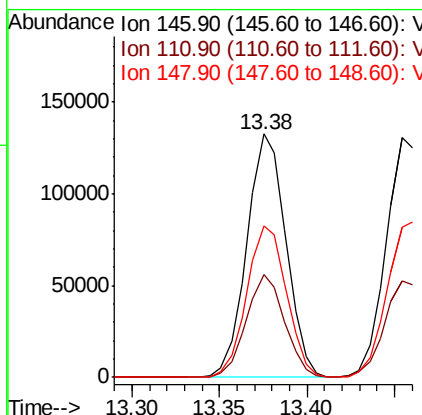
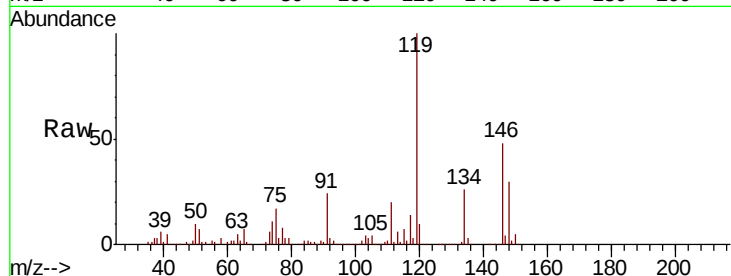




#87
 1,3-Dichlorobenzene
 Concen: 50.679 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

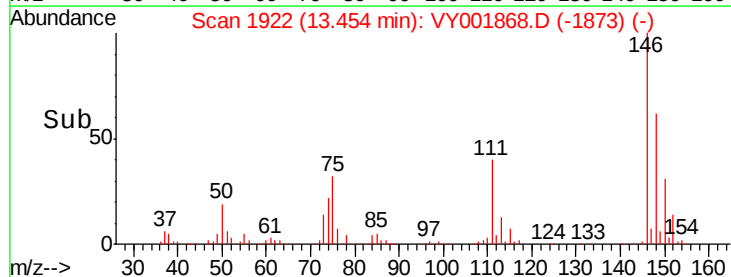
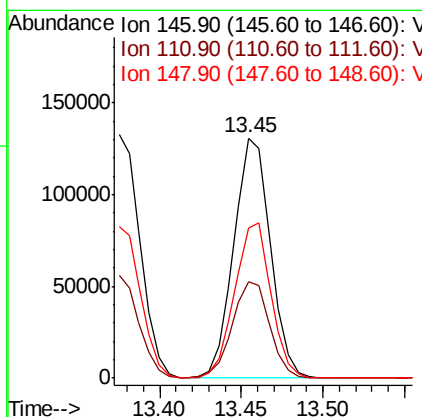
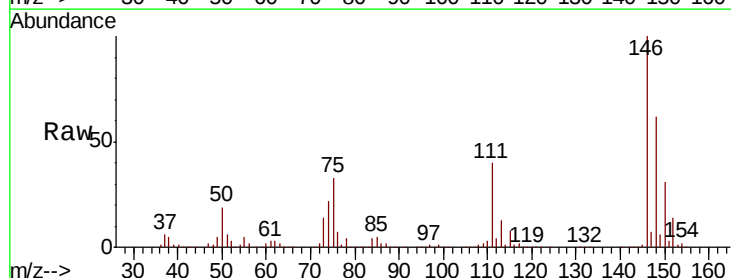
Instrument :
 MSVOA_Y
 ClientSampleId :

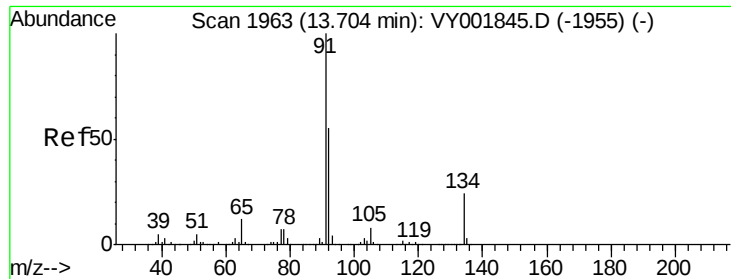
Tot Ion:146 Resp: 206141
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.1 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 49.619 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion:146 Resp: 204755
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 60.0
 148 64.1 31.5 94.5

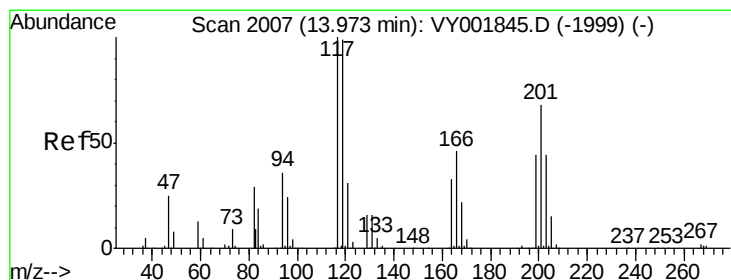
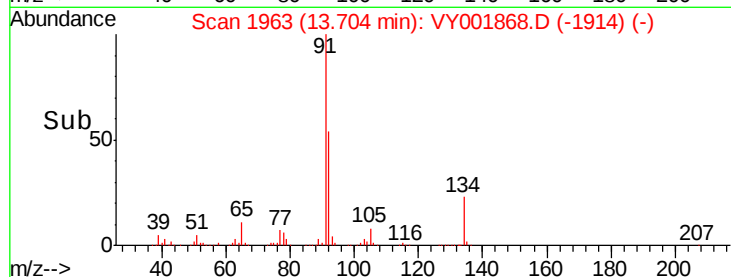
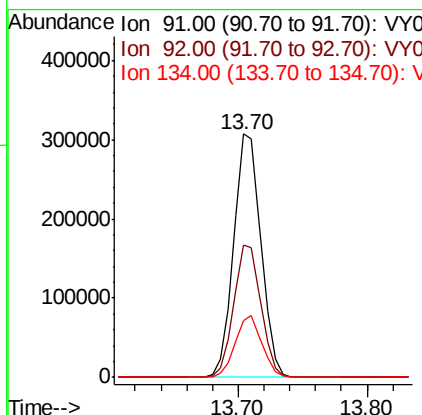
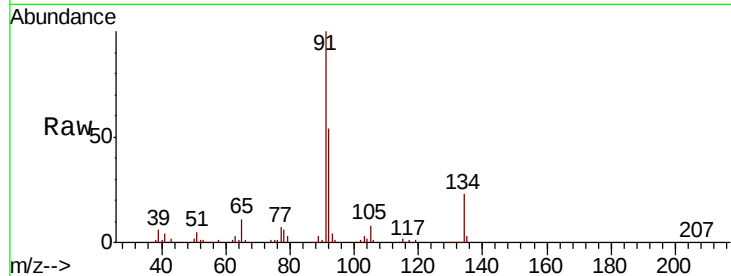




#89
n-Butylbenzene
Concen: 51.183 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

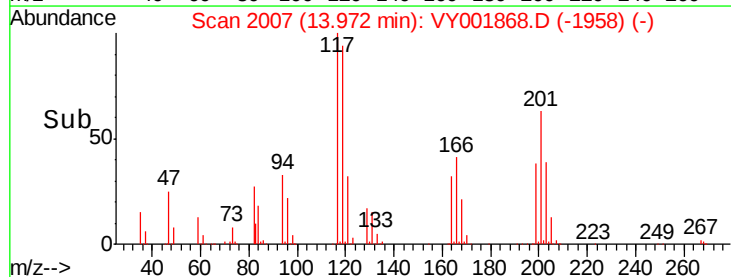
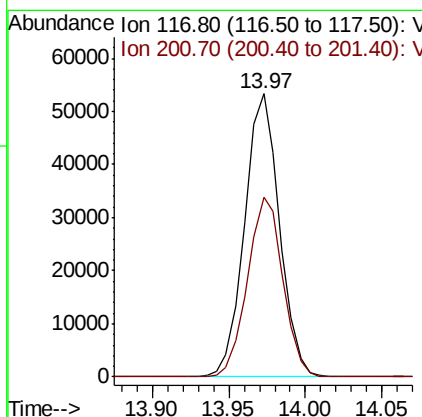
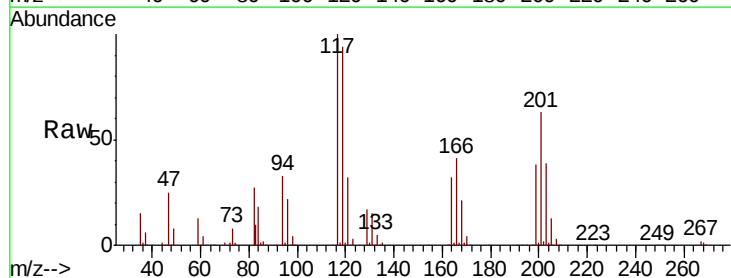
Instrument :
MSVOA_Y
ClientSampleId :

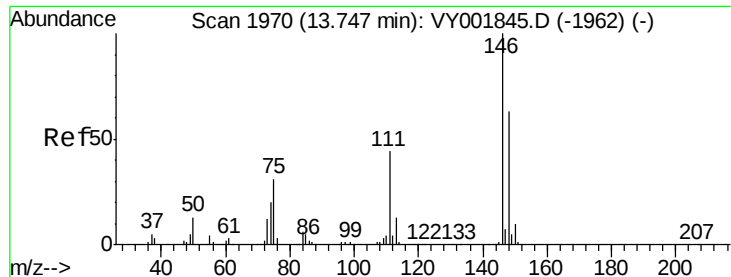
Tot Ion: 91 Resp: 452317
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.6 12.5 37.5



#90
Hexachloroethane
Concen: 52.463 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion: 117 Resp: 84304
Ion Ratio Lower Upper
117 100
201 64.5 32.5 97.5

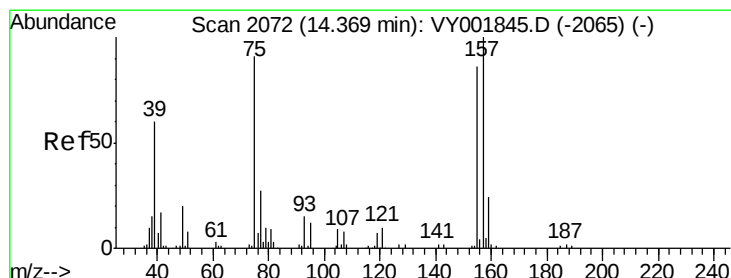
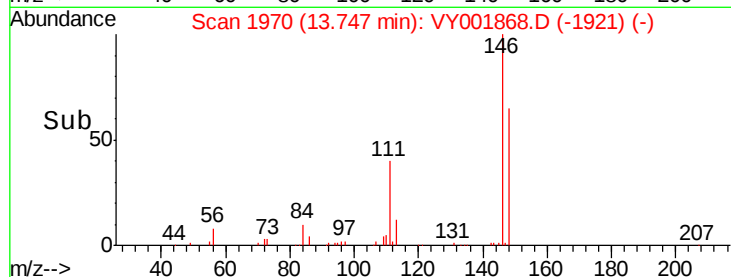
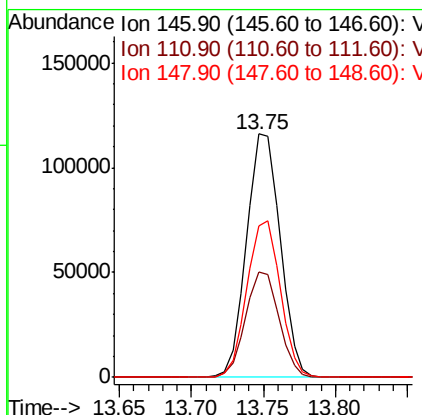
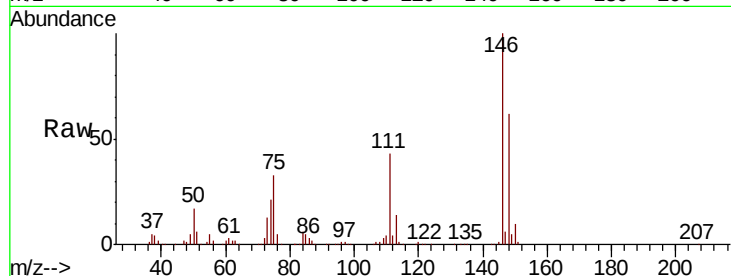




#91
 1,2-Dichlorobenzene
 Concen: 50.700 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

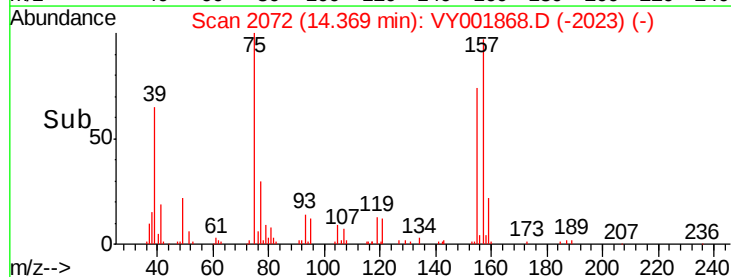
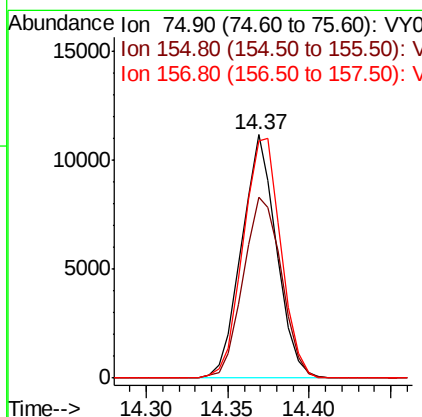
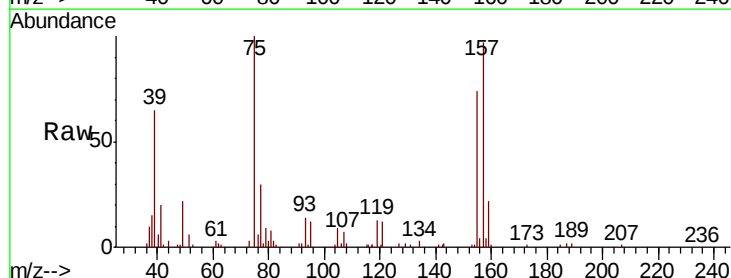
Instrument :
 MSVOA_Y
 ClientSampleId :

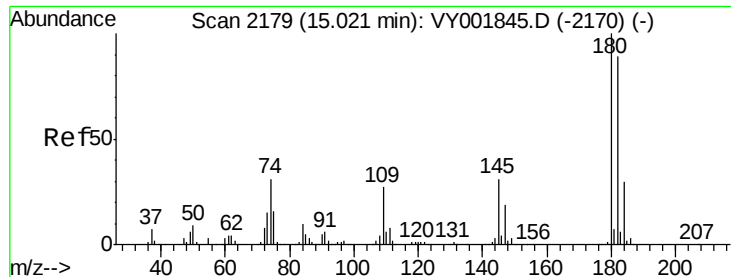
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.5	64.5
148	63.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.542 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	42.9	128.7
157	106.3	53.1	159.4

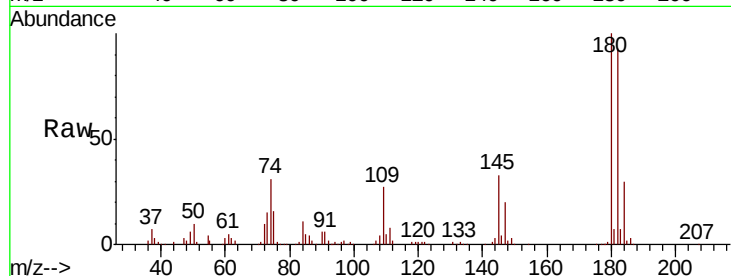




#93
 1,2,4-Trichlorobenzene
 Concen: 50.494 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.1	138.3
145	32.3	15.6	46.8

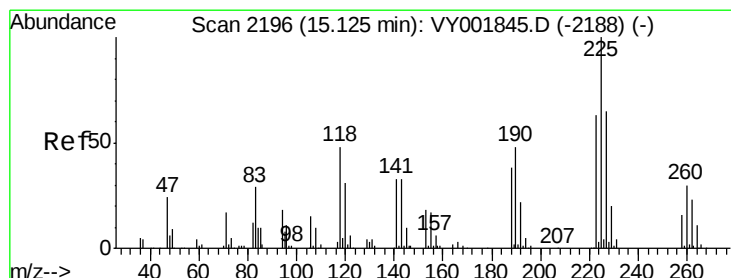
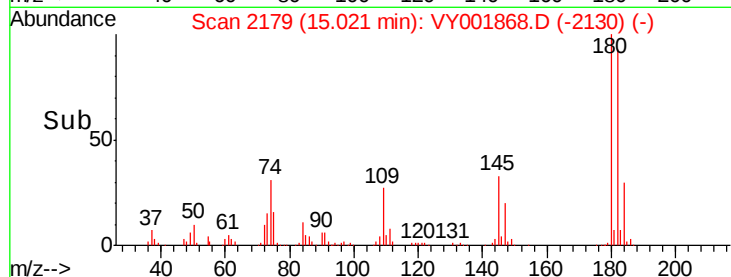
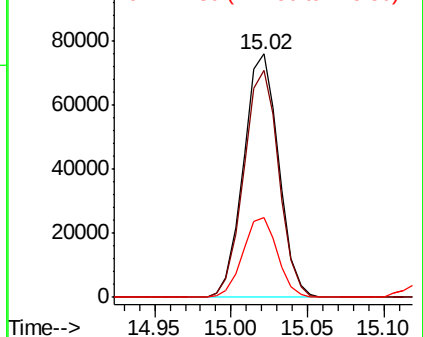


Abundance

Ion 179.80 (179.50 to 180.50): V

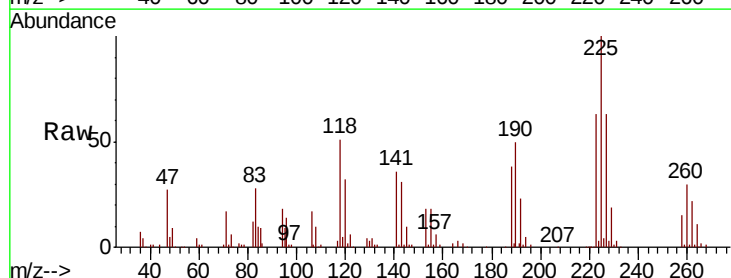
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.490 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VY001868.D
 Acq: 05 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.5	94.5
227	62.3	31.9	95.5

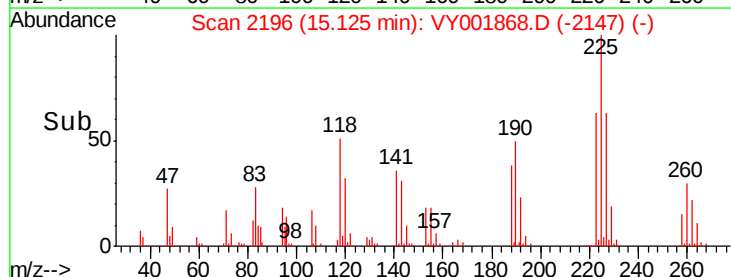
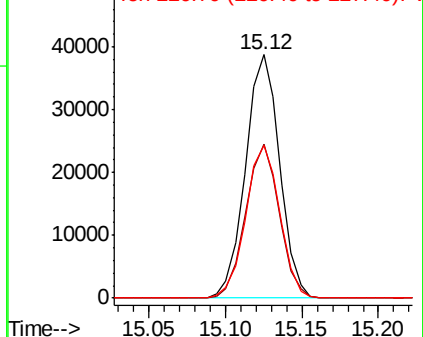


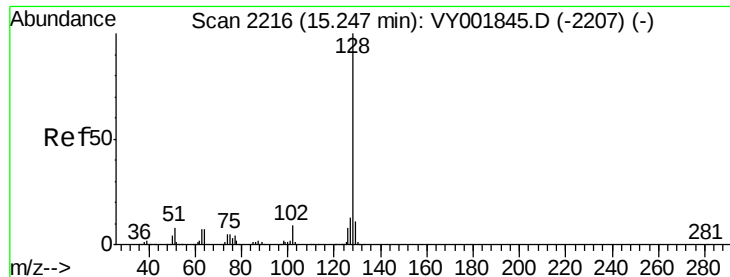
Abundance

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

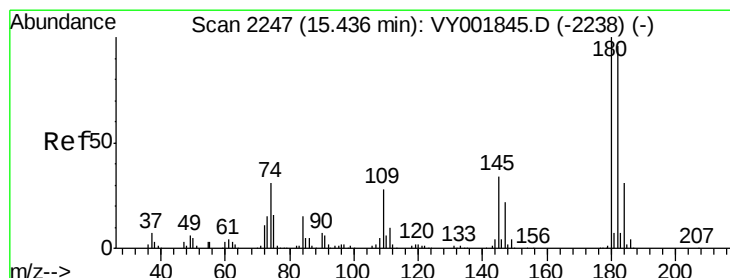
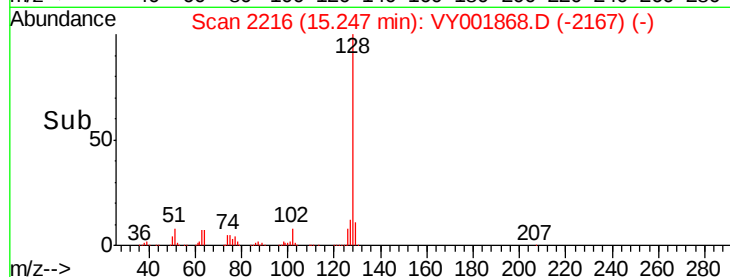
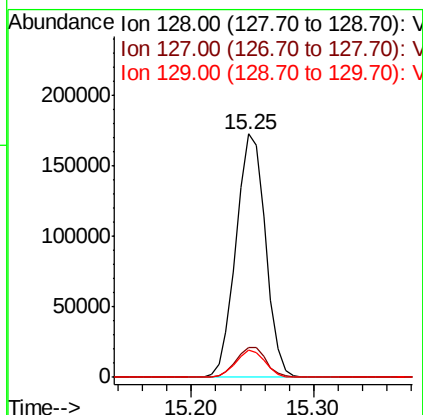
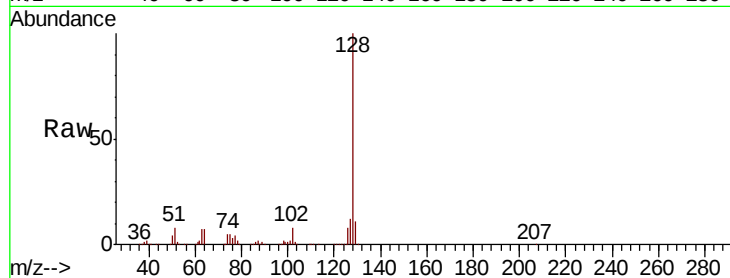




#95
Naphthalene
Concen: 50.651 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 287920
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.331 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. -0.00 min
Lab File: VY001868.D
Acq: 05 Mar 2020 09:45

Tgt Ion:180 Resp: 106256
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.9
145 34.5 16.8 50.3

