

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001921.D
 Acq On : 10 Mar 2020 14:06
 Operator : SY/MD
 Sample : VY0310SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 03:56:21 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	7.80	168	175333	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	317306	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	284938	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	133669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	93811	50.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.72	113	86894	50.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.18	98	357638	48.95	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.48	95	125450	49.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	29983	18.526	ug/l	99
3) Chloromethane	2.12	50	42327	19.398	ug/l	99
4) Vinyl Chloride	2.26	62	42445	19.124	ug/l	95
5) Bromomethane	2.65	94	27796	17.656	ug/l	95
6) Chloroethane	2.79	64	26938	19.321	ug/l #	86
7) Trichlorofluoromethane	3.13	101	58231	19.345	ug/l	96
8) Diethyl Ether	3.54	74	24808	20.911	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	38679	19.978	ug/l	98
10) Methyl Iodide	4.10	142	42489	18.977	ug/l	99
11) Tert butyl alcohol	4.96	59	31812	154.709	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	39055	20.034	ug/l	97
13) Acrolein	3.74	56	26156	99.440	ug/l	96
14) Allyl chloride	4.49	41	71111	20.577	ug/l	99
15) Acrylonitrile	5.18	53	66382	104.712	ug/l	100
16) Acetone	3.96	43	54442	99.861	ug/l	98
17) Carbon Disulfide	4.20	76	125869	19.207	ug/l	100
18) Methyl Acetate	4.49	43	29237	20.872	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	111039	21.019	ug/l	97
20) Methylene Chloride	4.72	84	49188	21.052	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	44259	20.003	ug/l	98
22) Diisopropyl ether	6.13	45	145313	20.513	ug/l	99
23) Vinyl Acetate	6.07	43	479123	103.170	ug/l	100
24) 1,1-Dichloroethane	6.03	63	77550	20.215	ug/l	99
25) 2-Butanone	7.00	43	87720	105.805	ug/l	98
26) 2,2-Dichloropropane	6.99	77	64199	20.390	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	49135	20.415	ug/l	100
28) Bromochloromethane	7.35	49	35503	20.532	ug/l	99
29) Tetrahydrofuran	7.35	42	57056	103.634	ug/l	99
30) Chloroform	7.52	83	72550	20.129	ug/l	100
31) Cyclohexane	7.79	56	81241	19.751	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	61068	20.103	ug/l	98
36) 1,1-Dichloropropene	7.92	75	61336	20.087	ug/l	98
37) Ethyl Acetate	7.08	43	38240	21.548	ug/l	100
38) Carbon Tetrachloride	7.91	117	51982	19.929	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	81545	20.135	ug/l	98
40) Benzene	8.16	78	182897	20.209	ug/l	100
41) Methacrylonitrile	7.35	41	51096	63.976	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	47835	20.511	ug/l	100
43) Isopropyl Acetate	8.28	43	69686	20.740	ug/l	98
44) Trichloroethene	8.94	130	43115	19.561	ug/l	93
45) 1,2-Dichloropropane	9.22	63	46899	20.614	ug/l	98
46) Dibromomethane	9.31	93	24162	20.609	ug/l	98
47) Bromodichloromethane	9.50	83	55570	20.375	ug/l	99
48) Methyl methacrylate	9.30	41	30346	20.354	ug/l	96
49) 1,4-Dioxane	9.30	88	7068	439.960	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	183880	106.251	ug/l	100
52) Toluene	10.24	92	111381	20.259	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	61766	20.787	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	72556	20.512	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	35241	20.539	ug/l	97
56) Ethyl methacrylate	10.51	69	53063	21.099	ug/l	96
57) 1,3-Dichloropropane	10.79	76	63431	20.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	136164	140.840	ug/l	100
59) 2-Hexanone	10.83	43	127471	103.196	ug/l	100
60) Dibromochloromethane	10.99	129	36398	20.131	ug/l	99
61) 1,2-Dibromoethane	11.09	107	32803	20.183	ug/l	100
64) Tetrachloroethene	10.72	164	35946	20.116	ug/l	97
65) Chlorobenzene	11.52	112	113261	19.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	38571	20.717	ug/l	99
67) Ethyl Benzene	11.59	91	214135	20.223	ug/l	95
68) m/p-Xylenes	11.70	106	158158	40.401	ug/l	99
69) o-Xylene	12.03	106	74643	20.230	ug/l	99
70) Styrene	12.04	104	129344	20.468	ug/l	100
71) Bromoform	12.20	173	20634	20.436	ug/l #	99
73) Isopropylbenzene	12.33	105	202148	19.811	ug/l	99
74) N-amyl acetate	12.14	43	65321	20.829	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	44357	20.158	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	56954	35.909	ug/l #	100
77) Bromobenzene	12.61	156	43998	20.352	ug/l	97
78) n-propylbenzene	12.67	91	250976	19.937	ug/l	100
79) 2-Chlorotoluene	12.76	91	138890	19.970	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	167439	19.932	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15483	19.718	ug/l	95
82) 4-Chlorotoluene	12.86	91	145460	20.087	ug/l	99
83) tert-Butylbenzene	13.08	119	142738	20.458	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	167009	20.033	ug/l	99
85) sec-Butylbenzene	13.25	105	208478	20.272	ug/l	100
86) p-Isopropyltoluene	13.37	119	181304	20.437	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	85523	20.187	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	84957	19.767	ug/l	98
89) n-Butylbenzene	13.70	91	185967	20.205	ug/l	99
90) Hexachloroethane	13.96	117	32935	19.679	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	79054	20.540	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7005	20.401	ug/l	94

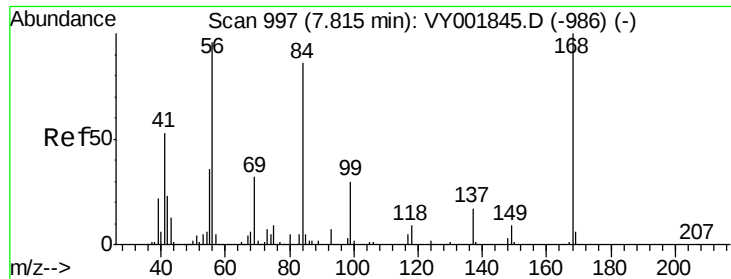
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	51537	20.648	ug/l	98
94) Hexachlorobutadiene	15.12	225	24725	20.318	ug/l	98
95) Naphthalene	15.24	128	119994	20.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	46114	20.972	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

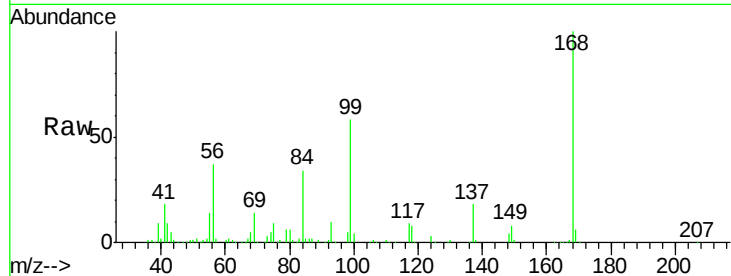
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 175333

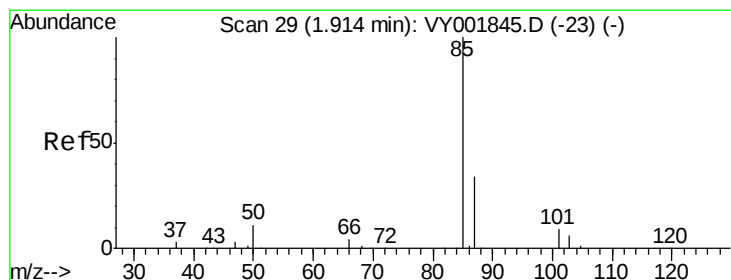
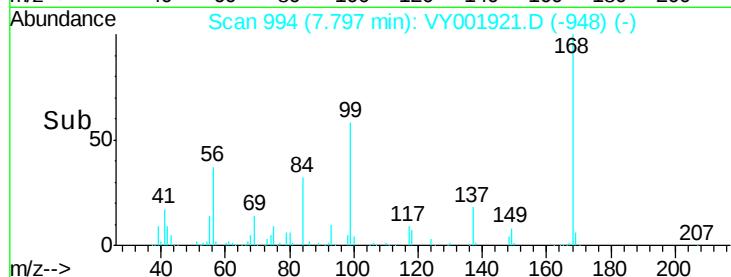
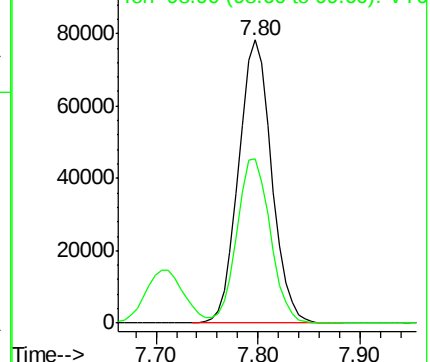
Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



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



#2

Dichlorodifluoromethane

Concen: 18.526 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001921.D

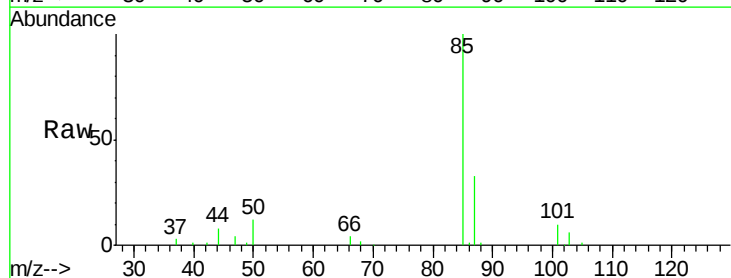
Acq: 10 Mar 2020 14:06

Tgt Ion: 85 Resp: 29983

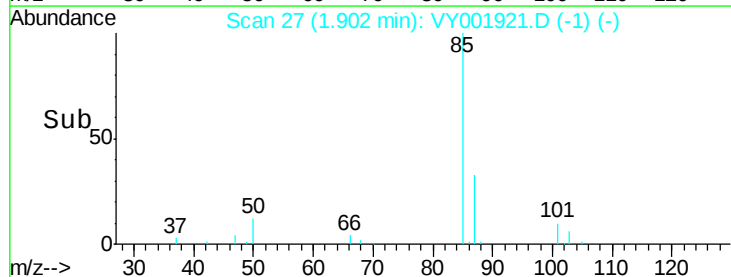
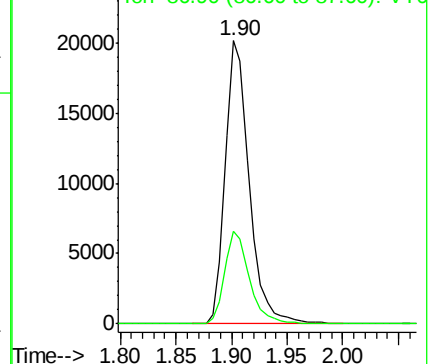
Ion Ratio Lower Upper

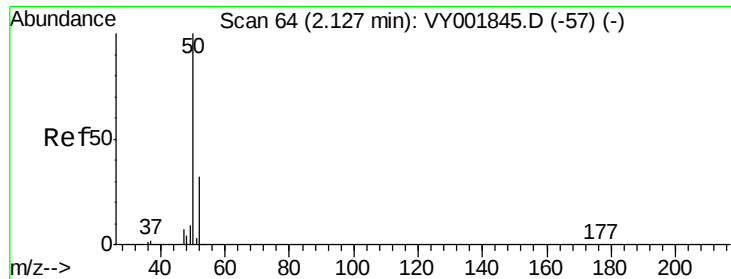
85 100

87 32.9 16.8 50.4



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





#3

Chloromethane

Concen: 19.398 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

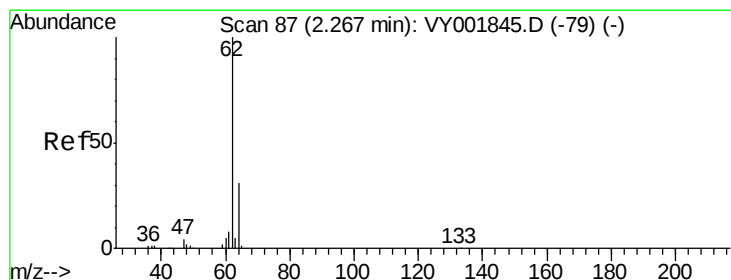
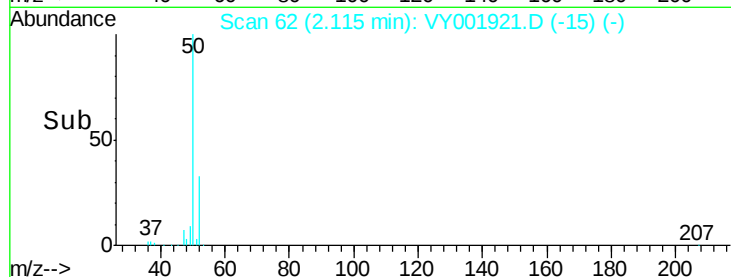
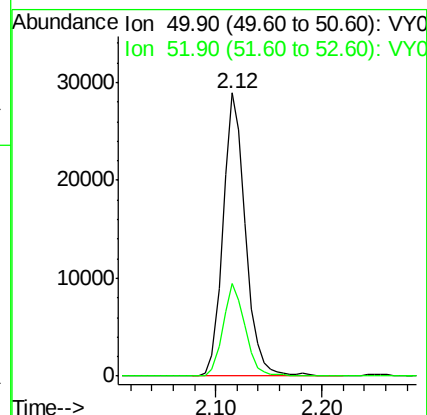
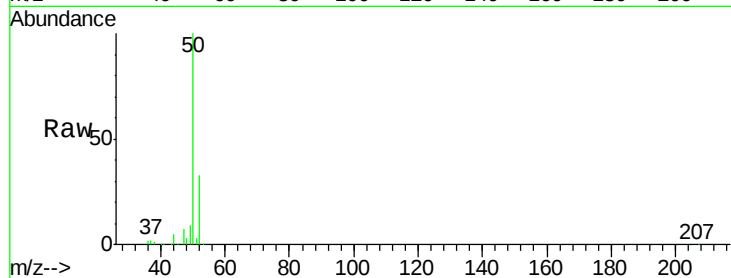
ClientSampleId :

Tot Ion: 50 Resp: 42327

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 19.124 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001921.D

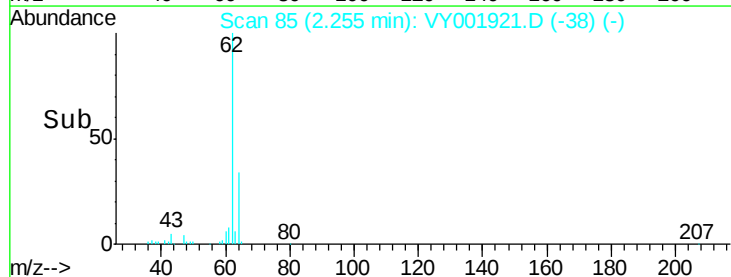
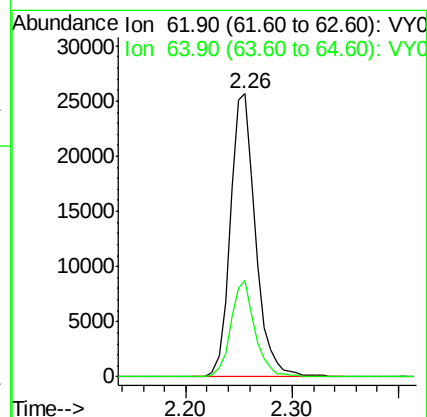
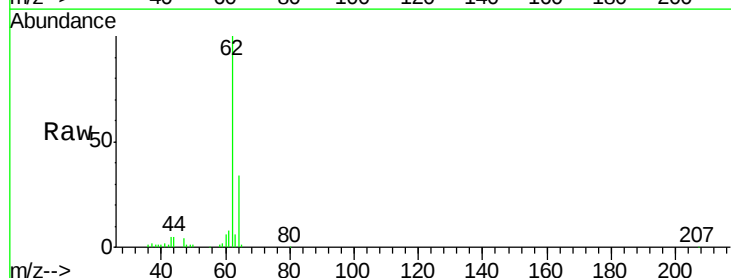
Acq: 10 Mar 2020 14:06

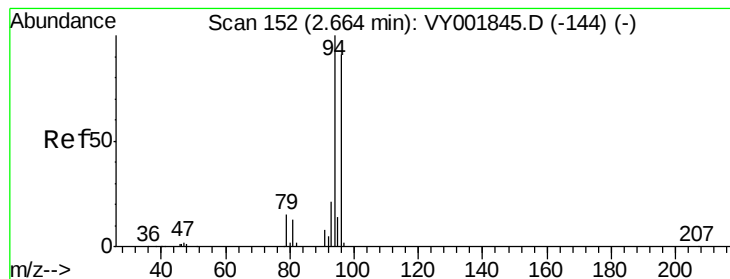
Tgt Ion: 62 Resp: 42445

Ion Ratio Lower Upper

62 100

64 33.9 25.1 37.7





#5

Bromomethane

Concen: 17.656 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

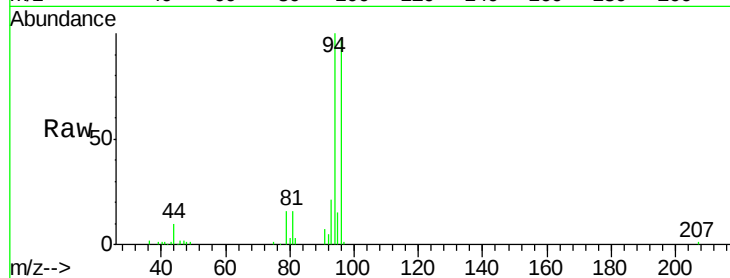
ClientSampleId :

Tot Ion: 94 Resp: 27796

Ion Ratio Lower Upper

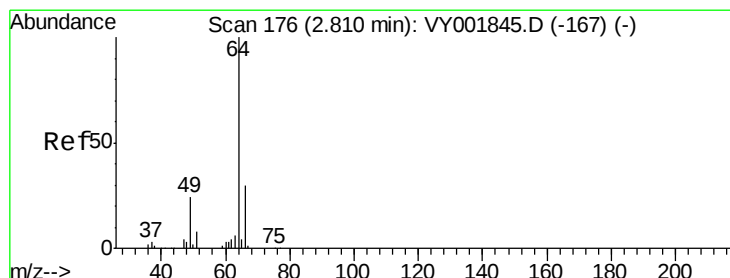
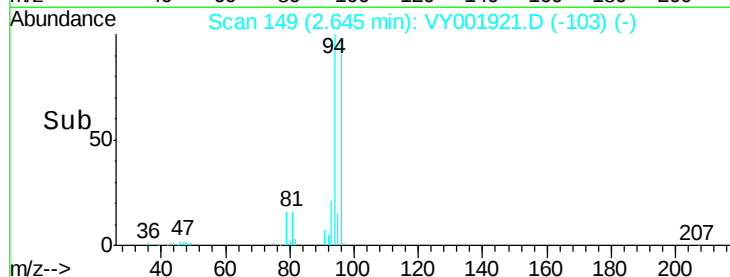
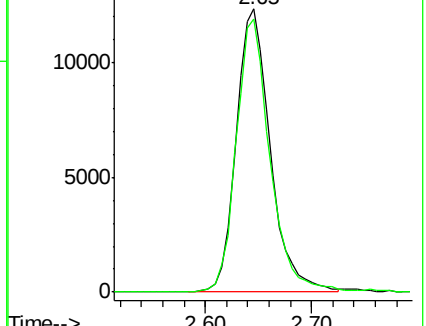
94 100

96 96.7 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: 19.321 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.02 min

Lab File: VY001921.D

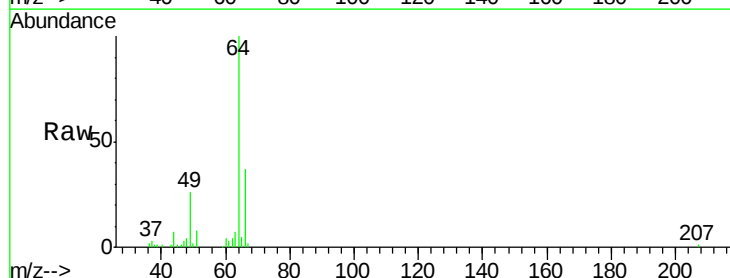
Acq: 10 Mar 2020 14:06

Tgt Ion: 64 Resp: 26938

Ion Ratio Lower Upper

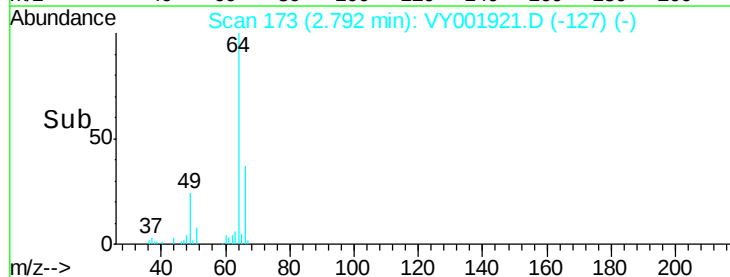
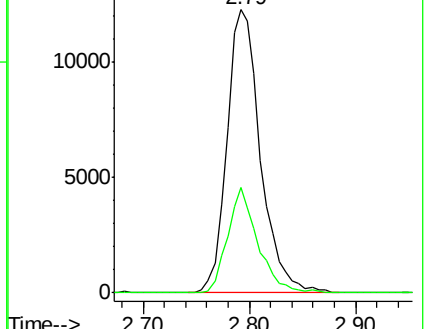
64 100

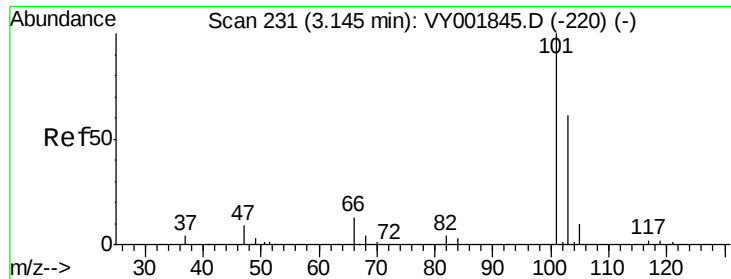
66 37.4 23.8 35.8#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



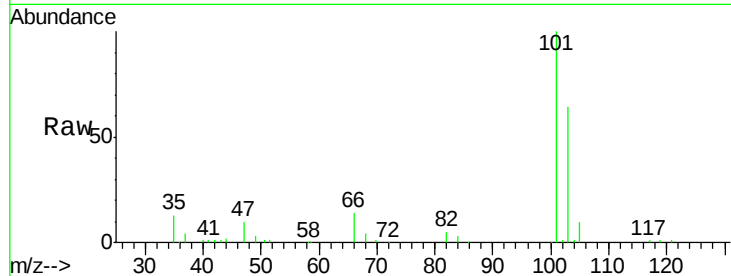


#7

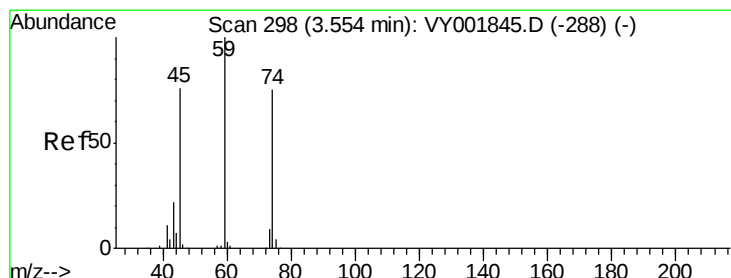
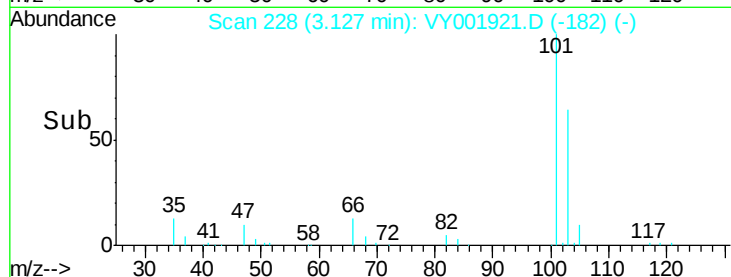
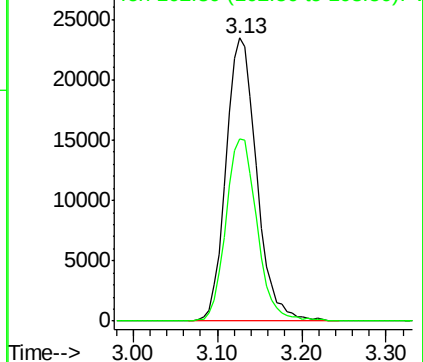
Trichlorofluoromethane
Concen: 19.345 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 58231
Ion Ratio Lower Upper
101 100
103 64.2 49.1 73.7



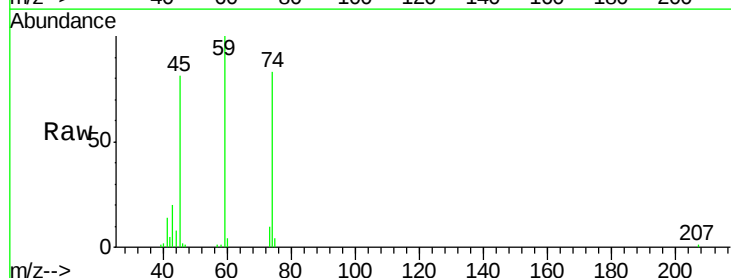
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



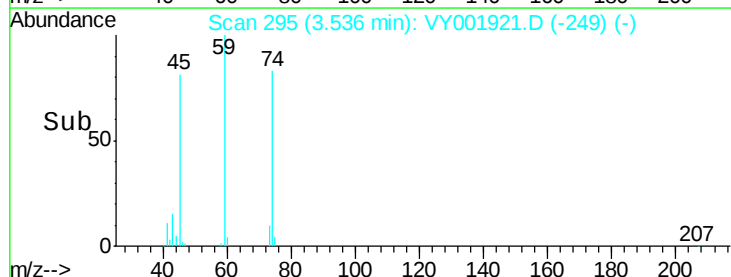
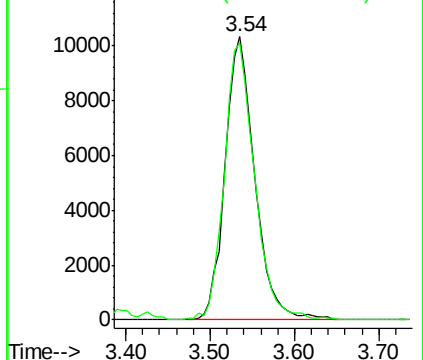
#8

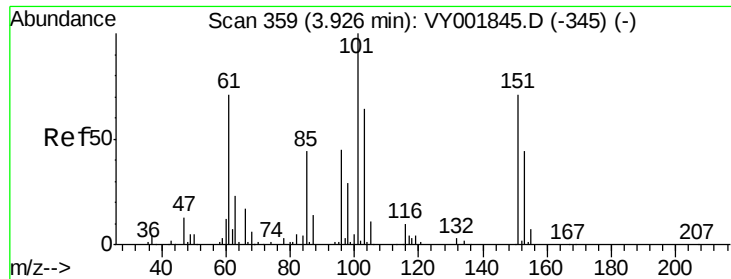
Diethyl Ether
Concen: 20.911 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 74 Resp: 24808
Ion Ratio Lower Upper
74 100
45 100.0 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.978 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

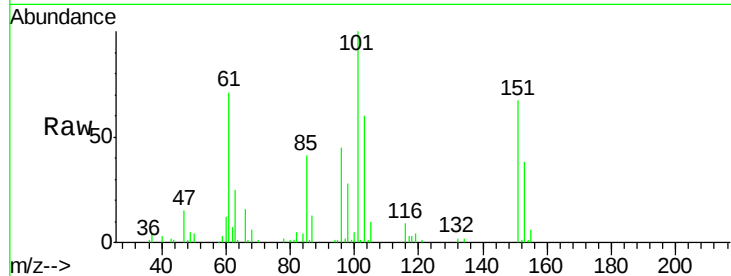
Tot Ion:101 Resp: 38679

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

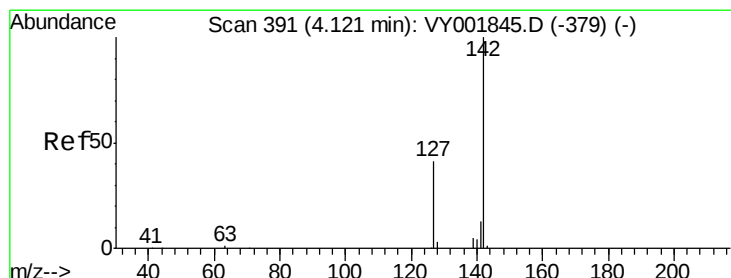
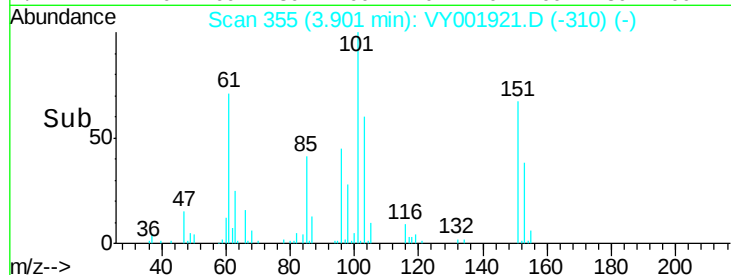
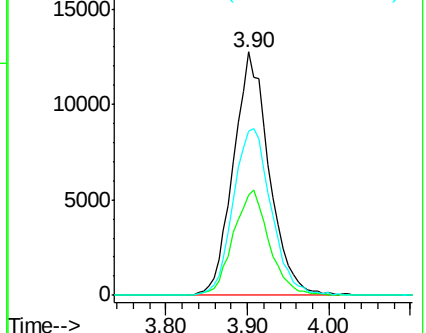
151 72.8 57.0 85.4



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: 18.977 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

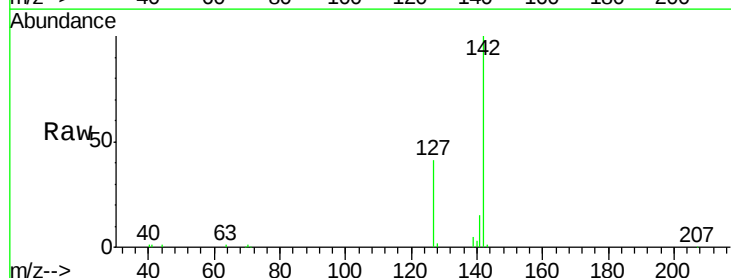
Tgt Ion:142 Resp: 42489

Ion Ratio Lower Upper

142 100

127 41.4 32.7 49.1

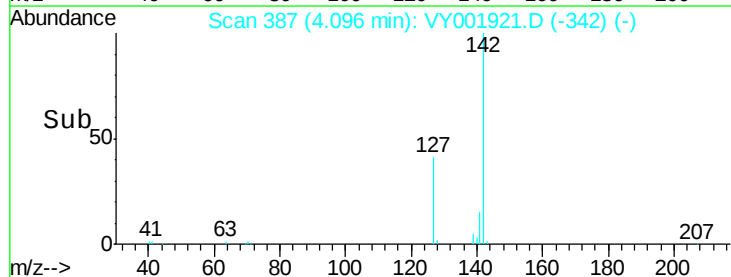
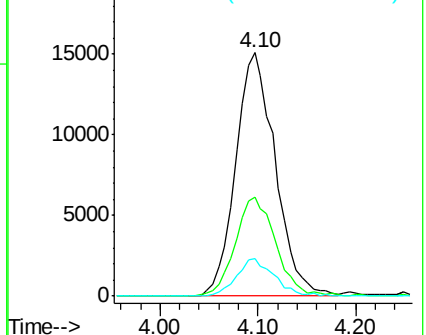
141 14.6 11.0 16.6

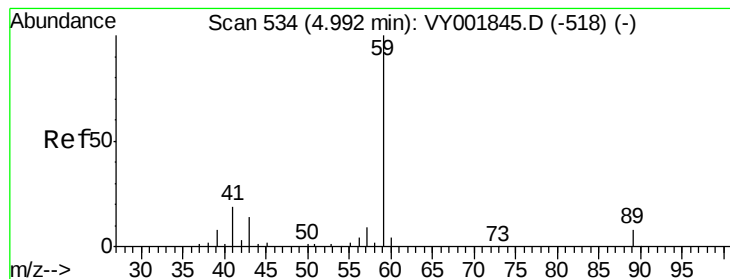


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



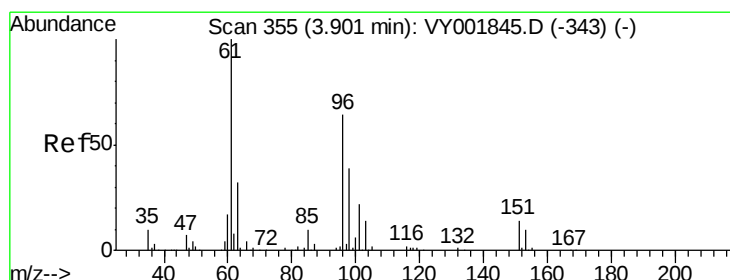
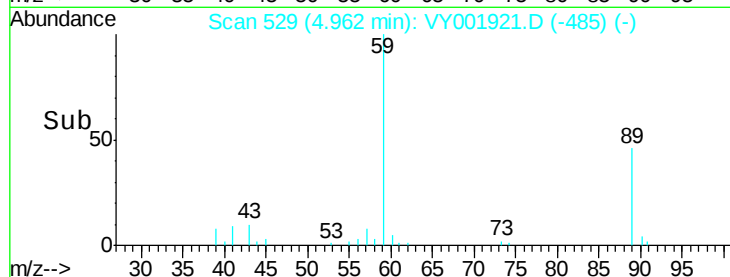
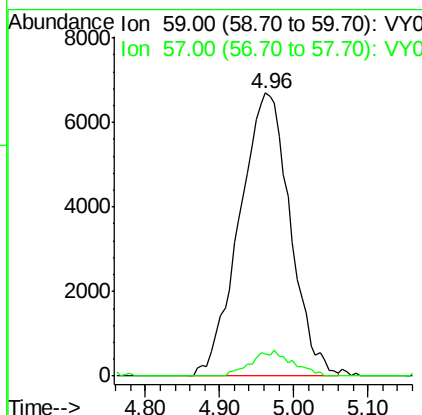
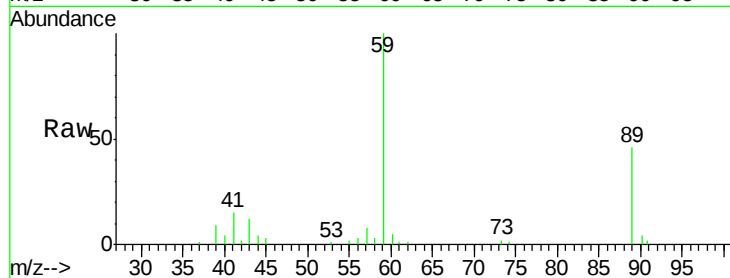


#11

Tert butyl alcohol
 Concen: 154.709 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :

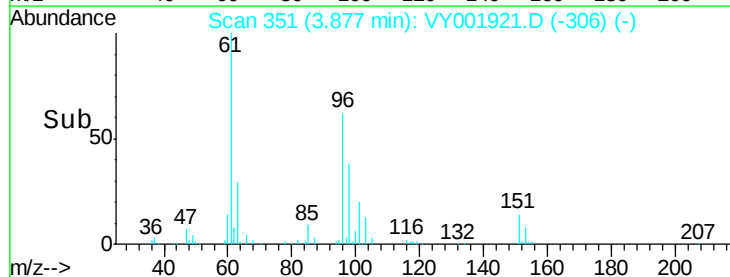
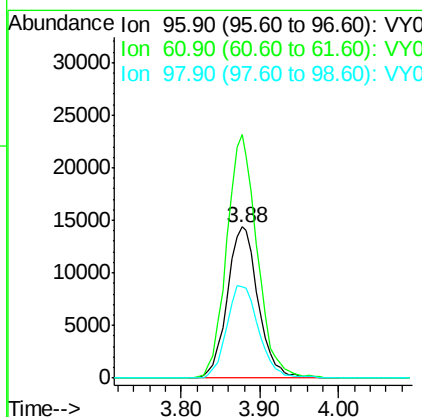
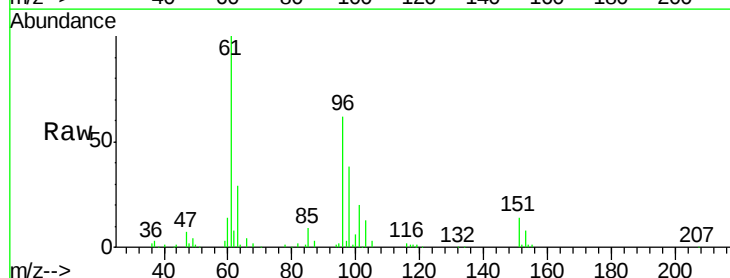
Tot Ion: 59 Resp: 31812
 Ion Ratio Lower Upper
 59 100
 57 3.7 7.4 11.2#

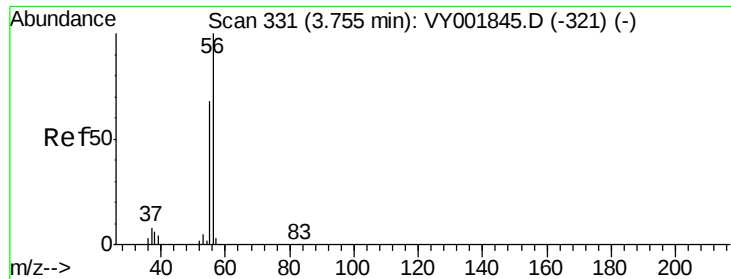


#12

1,1-Dichloroethene
 Concen: 20.034 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Tgt Ion: 96 Resp: 39055
 Ion Ratio Lower Upper
 96 100
 61 161.4 124.8 187.2
 98 60.7 49.2 73.8





#13

Acrolein

Concen: 99.440 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

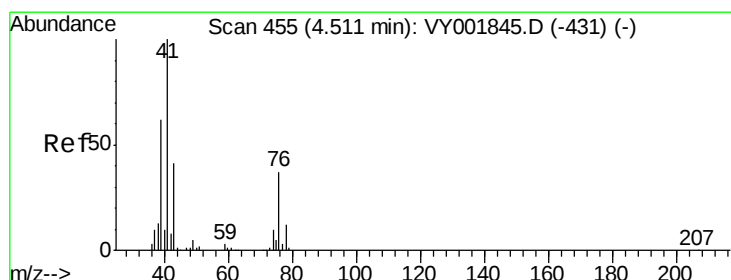
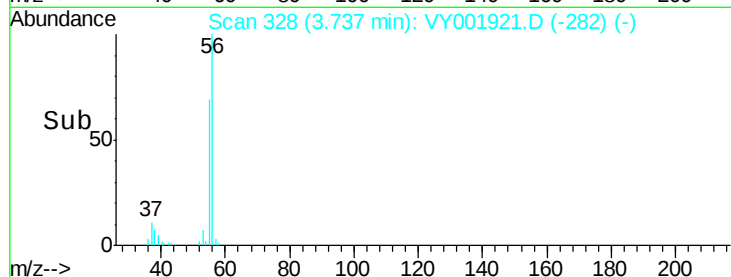
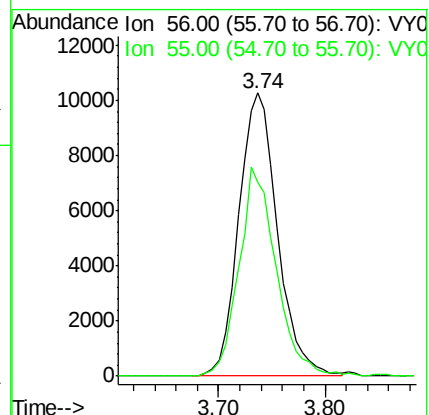
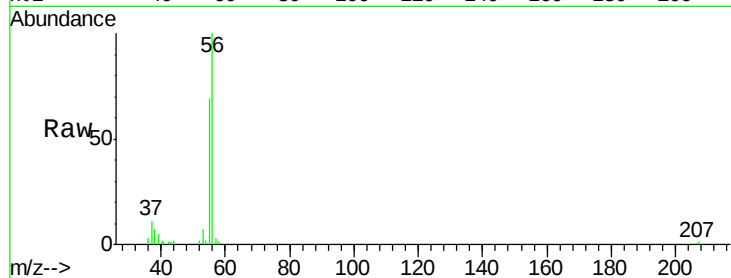
ClientSampleId :

Tot Ion: 56 Resp: 26156

Ion Ratio Lower Upper

56 100

55 71.0 54.0 81.0



#14

Allyl chloride

Concen: 20.577 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

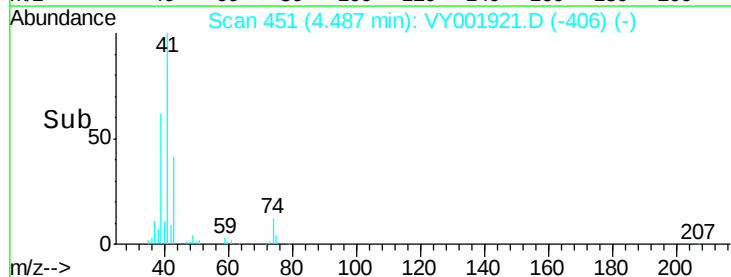
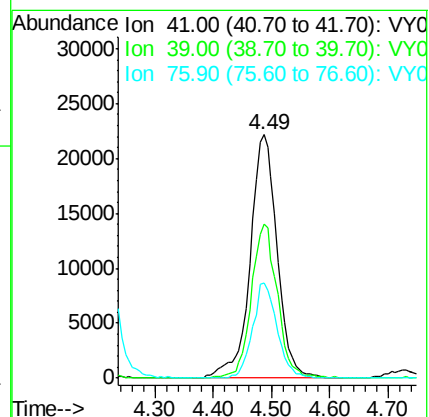
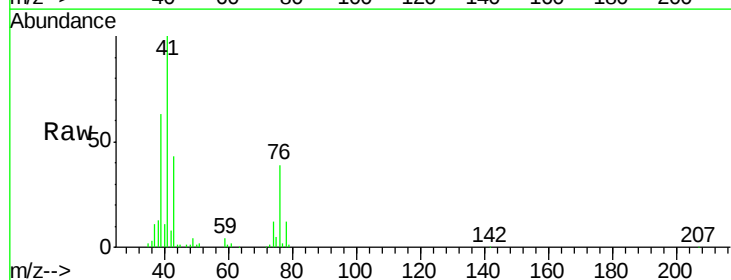
Tgt Ion: 41 Resp: 71111

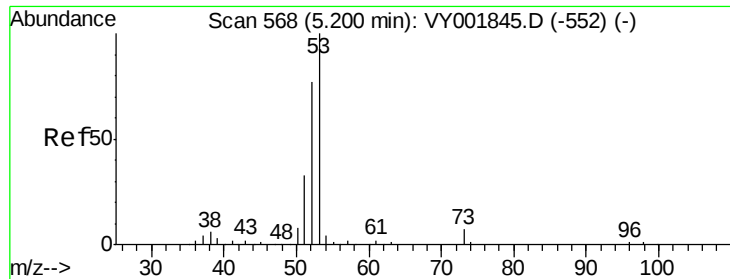
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.6

76 35.5 28.9 43.3





#15

Acrylonitrile

Concen: 104.712 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampled :

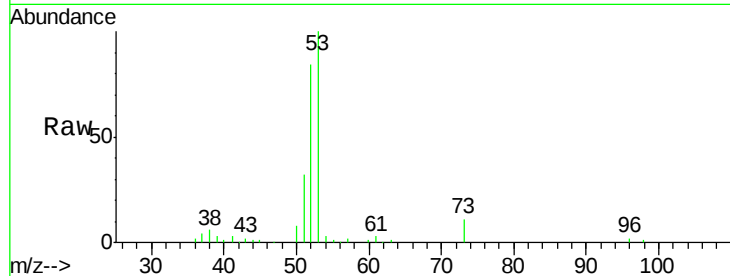
Tot Ion: 53 Resp: 66382

Ion Ratio Lower Upper

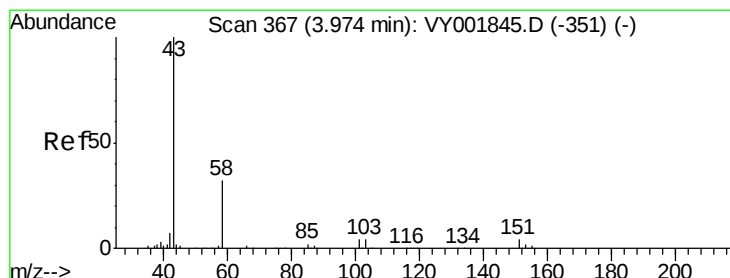
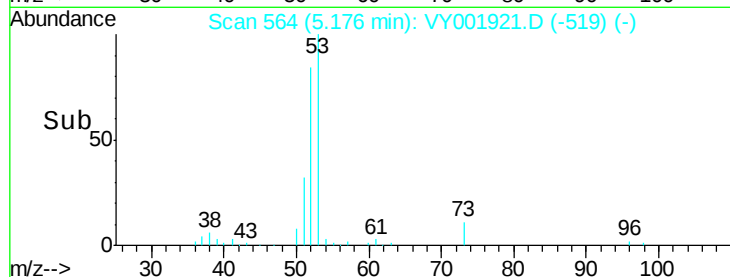
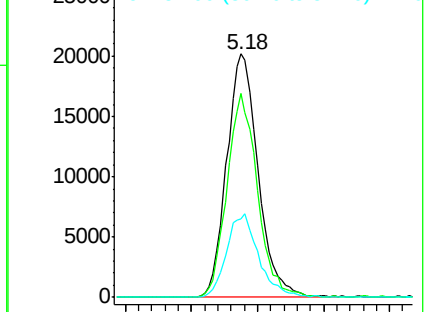
53 100

52 81.5 65.1 97.7

51 35.2 27.5 41.3



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



#16

Acetone

Concen: 99.861 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001921.D

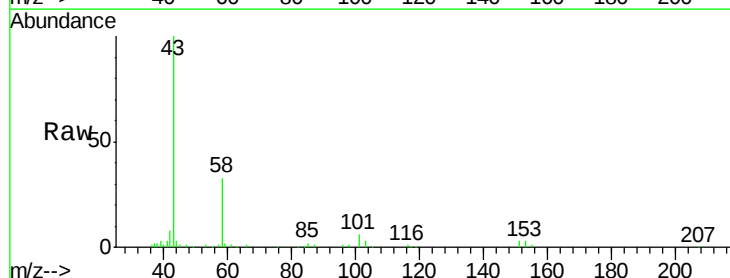
Acq: 10 Mar 2020 14:06

Tgt Ion: 43 Resp: 54442

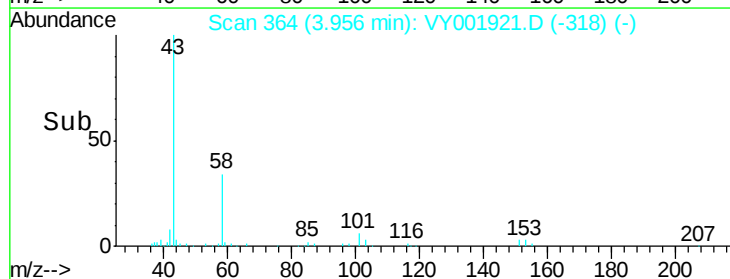
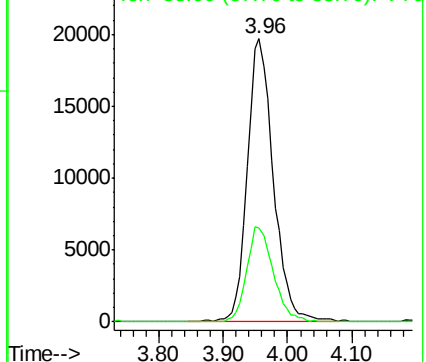
Ion Ratio Lower Upper

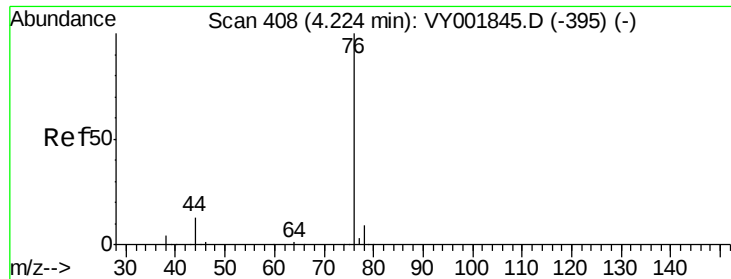
43 100

58 33.3 25.9 38.9



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

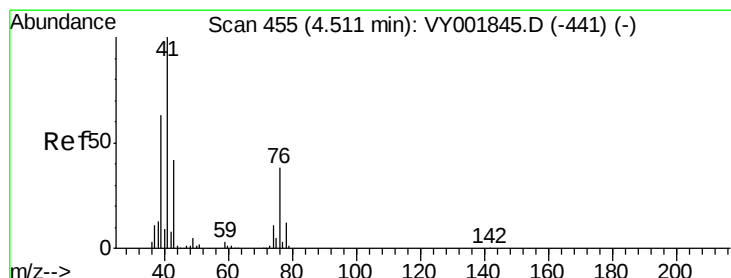
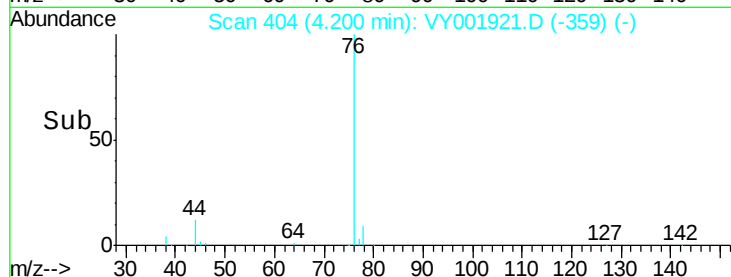
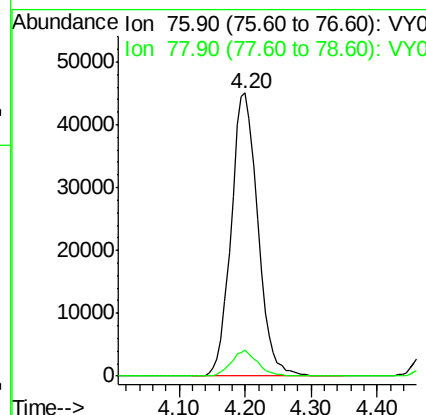
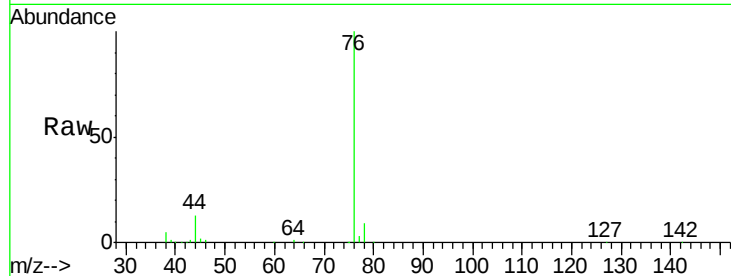




#17
Carbon Disulfide
Concen: 19.207 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

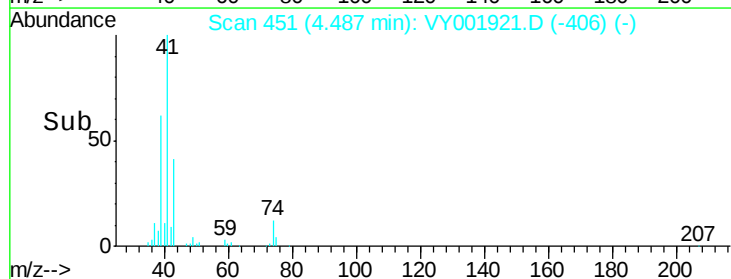
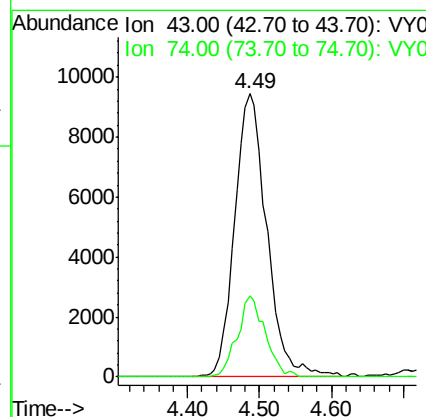
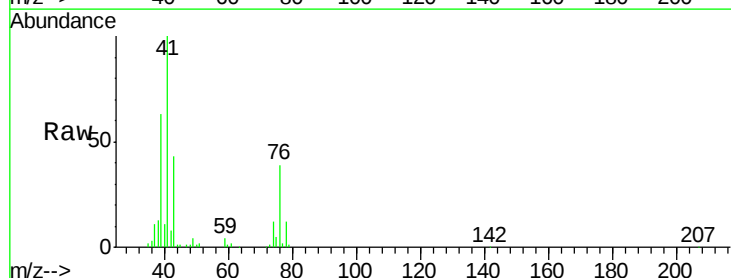
Instrument :
MSVOA_Y
ClientSampleId :

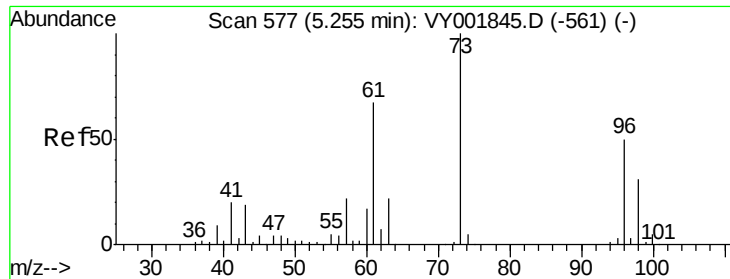
Tot Ion: 76 Resp: 125869
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 20.872 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 43 Resp: 29237
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.6

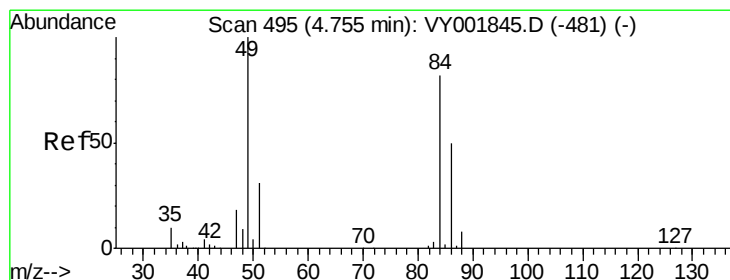
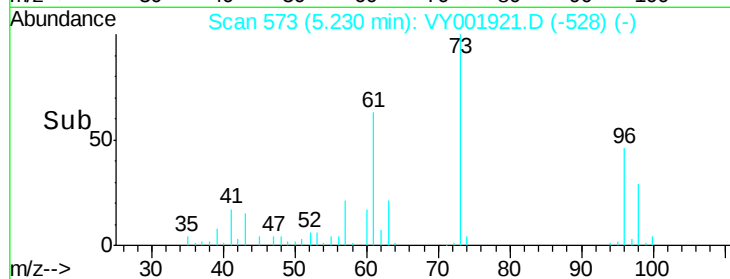
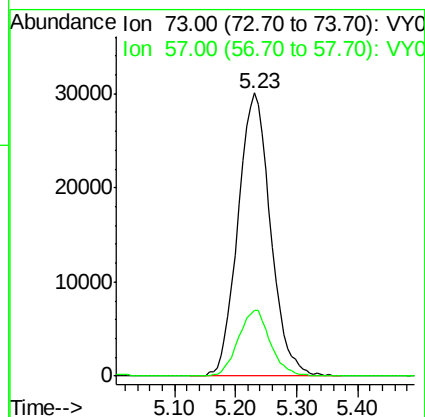
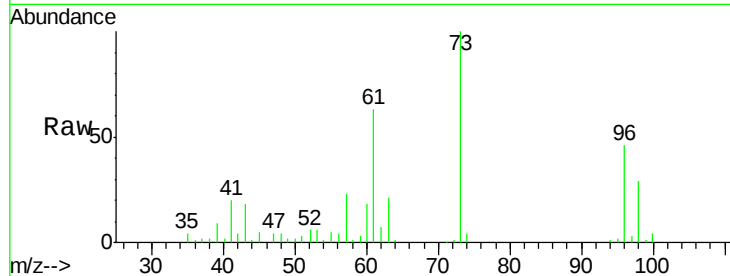




#19
Methyl tert-butyl Ether
Concen: 21.019 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

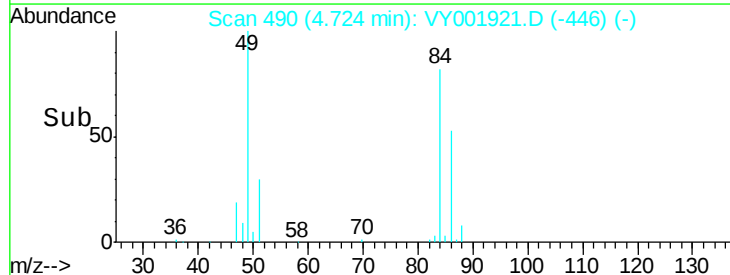
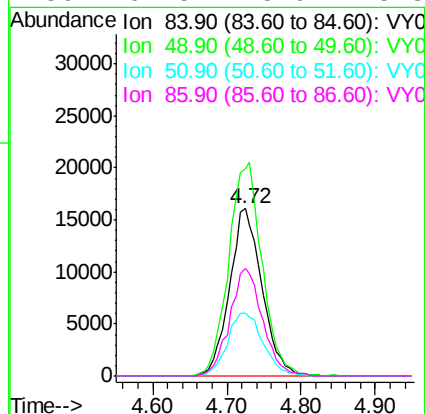
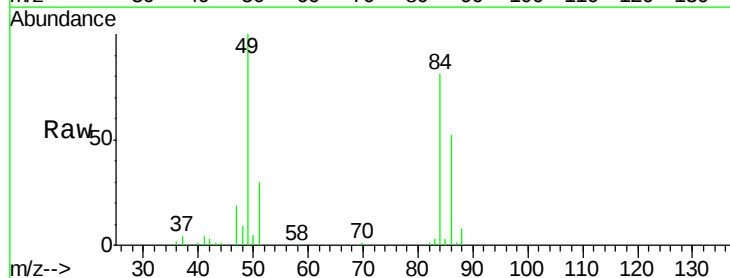
Instrument :
MSVOA_Y
ClientSampleId :

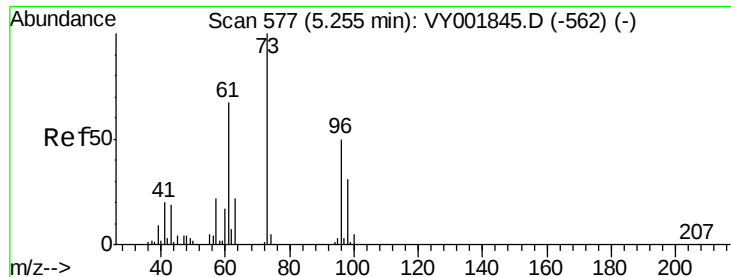
Tot Ion: 73 Resp: 111039
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2



#20
Methylene Chloride
Concen: 21.052 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 84 Resp: 49188
Ion Ratio Lower Upper
84 100
49 124.0 98.2 147.2
51 37.6 30.2 45.2
86 64.5 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.003 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.03 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampled :

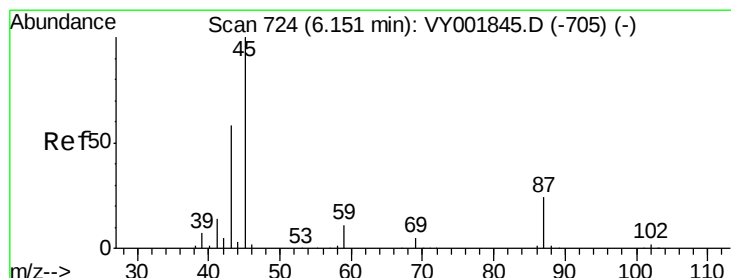
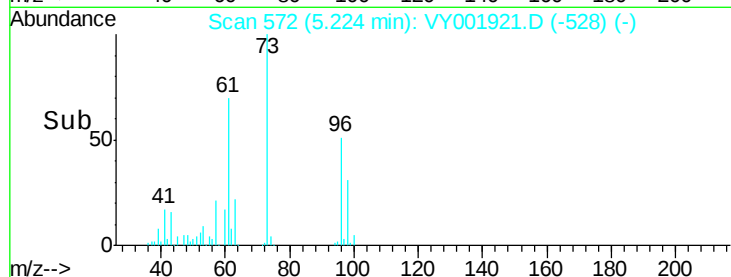
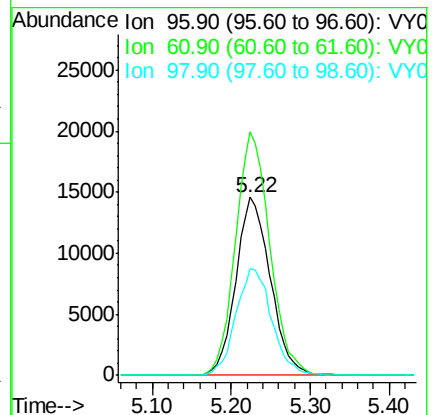
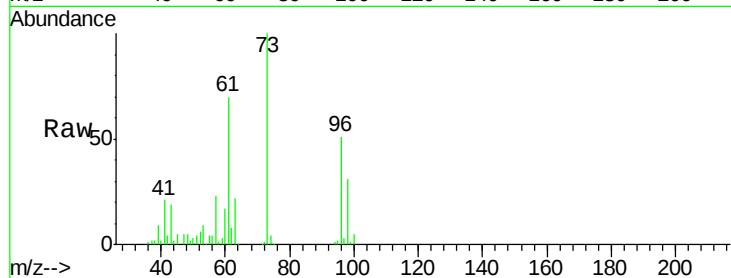
Tot Ion: 96 Resp: 44259

Ion Ratio Lower Upper

96 100

61 136.7 107.7 161.5

98 60.1 49.3 73.9



#22

Diisopropyl ether

Concen: 20.513 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Tgt Ion: 45 Resp: 145313

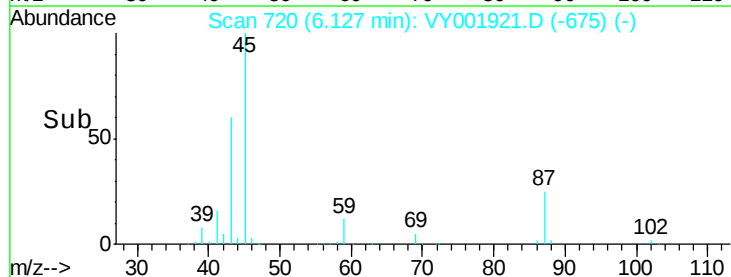
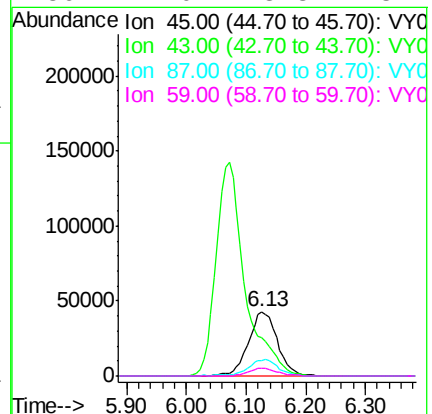
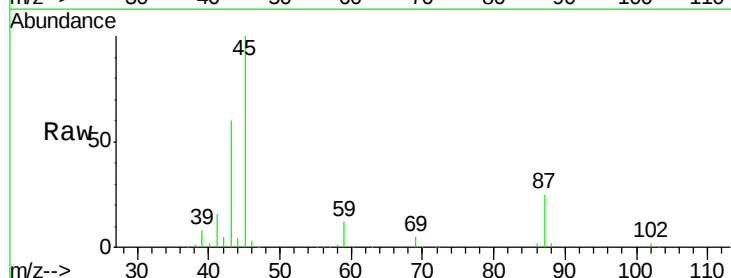
Ion Ratio Lower Upper

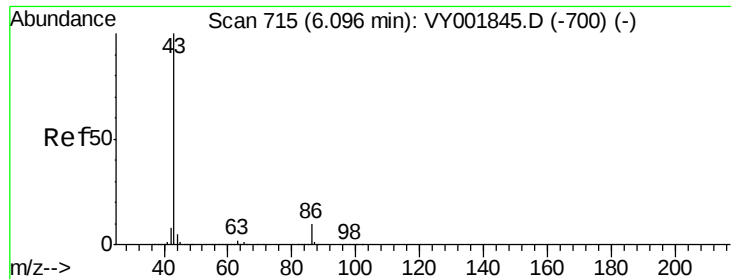
45 100

43 59.9 47.2 70.8

87 24.8 19.8 29.8

59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 103.170 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

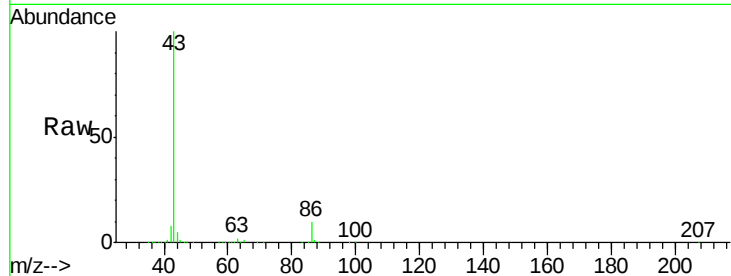
ClientSampleId :

Tot Ion: 43 Resp: 479123

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

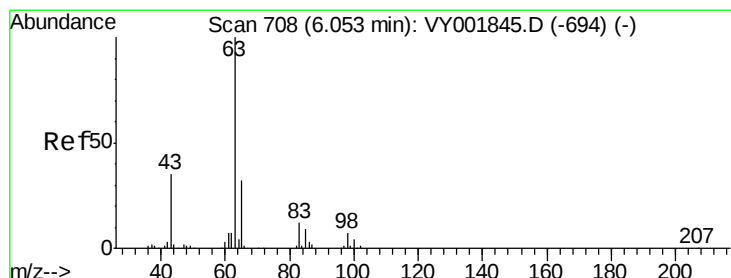
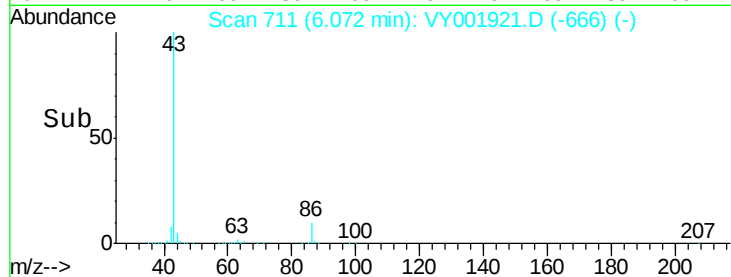
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 20.215 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

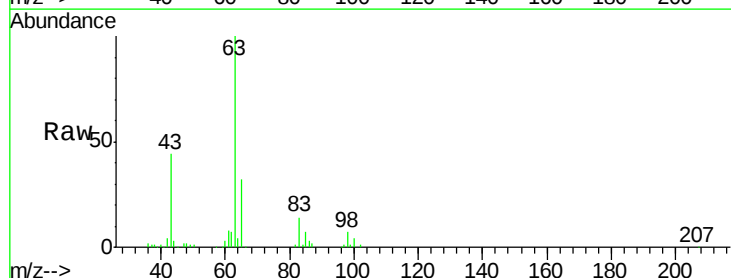
Tgt Ion: 63 Resp: 77550

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 3.8 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

6.03

30000

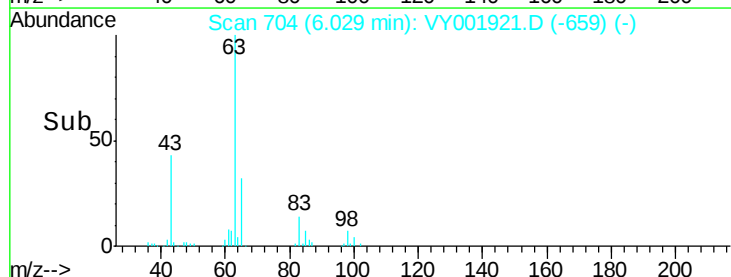
20000

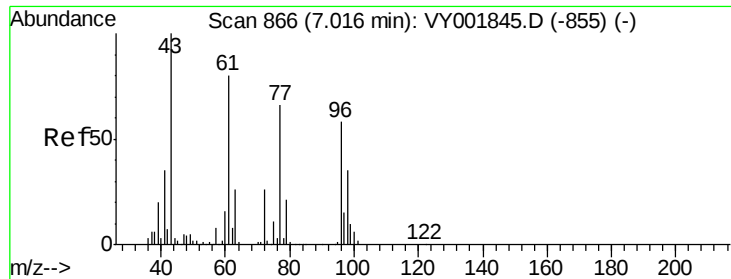
10000

0

5.90 6.00 6.10 6.20

Time-->

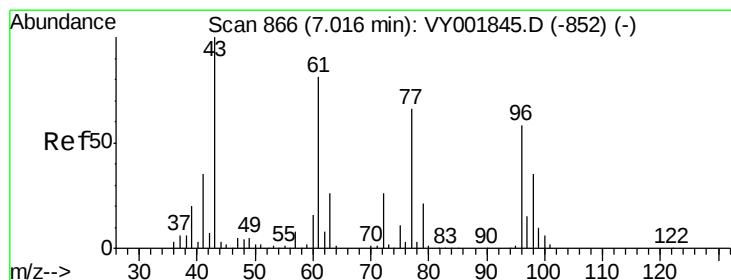
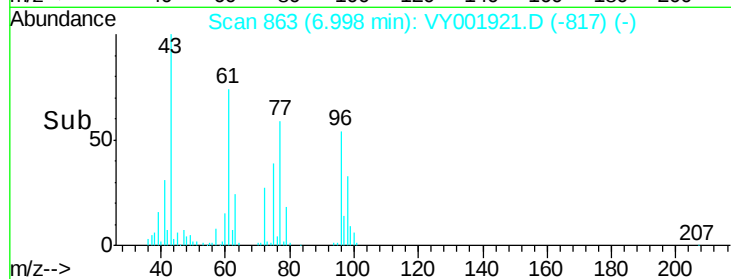
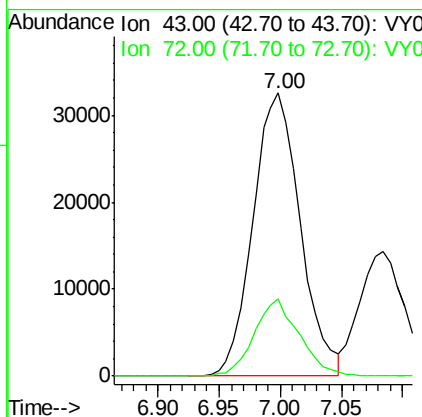
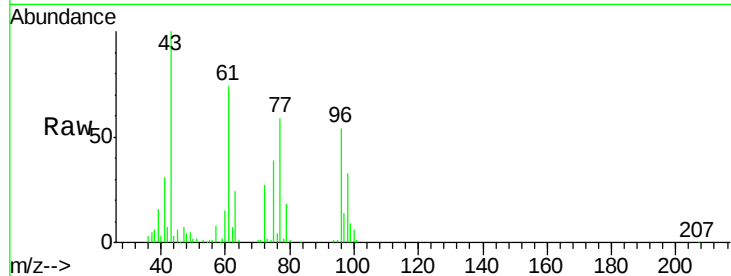




#25
2-Butanone
Concen: 105.805 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

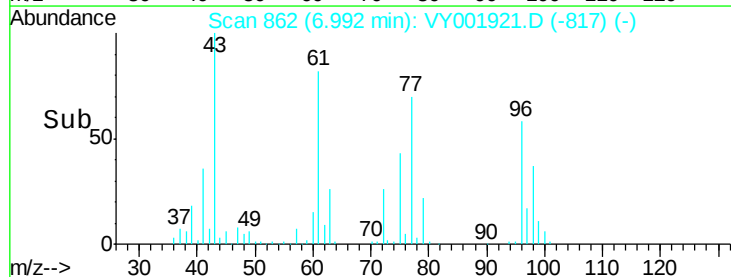
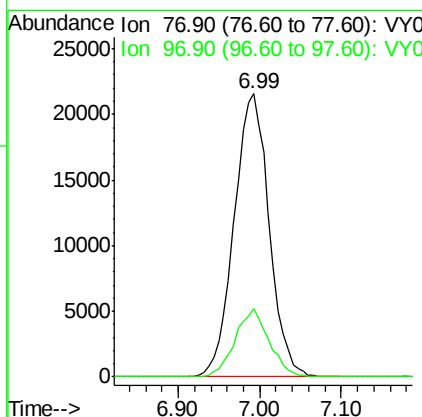
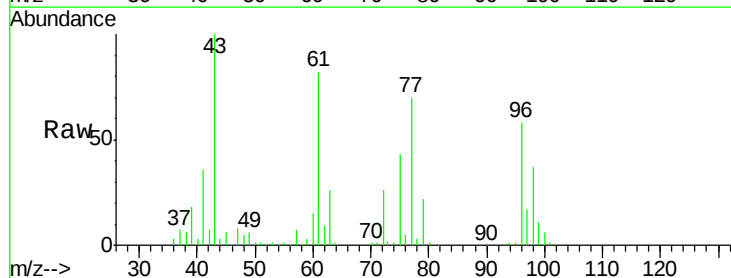
Instrument :
MSVOA_Y
ClientSampled :

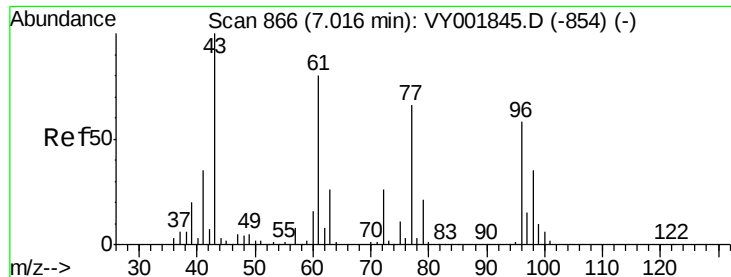
Tot Ion: 43 Resp: 87720
Ion Ratio Lower Upper
43 100
72 27.2 20.9 31.3



#26
2,2-Dichloropropane
Concen: 20.390 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 77 Resp: 64199
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7



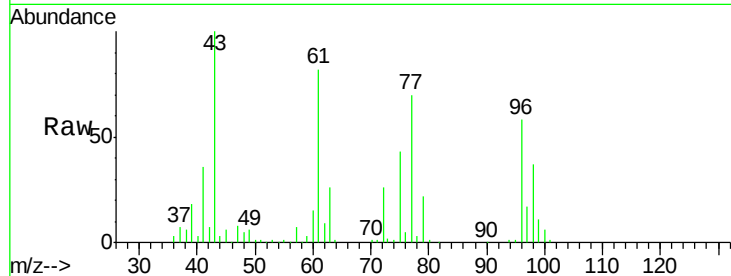


#27

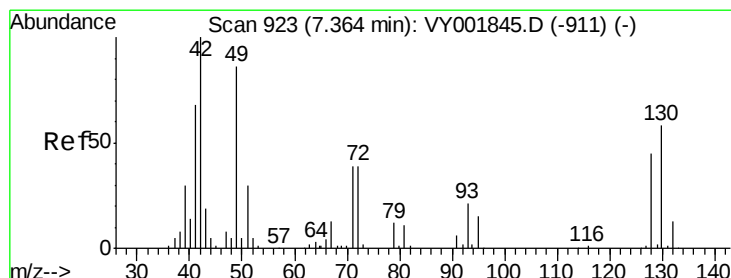
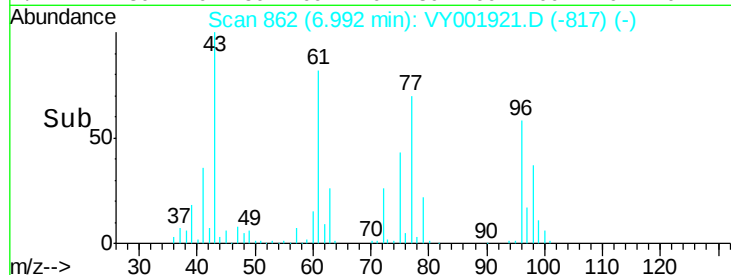
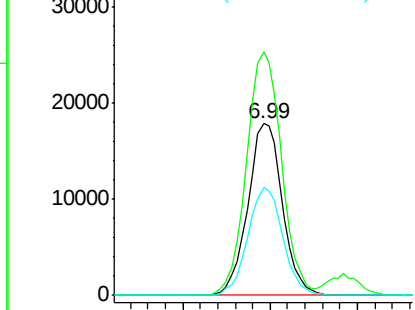
cis-1,2-Dichloroethene
Concen: 20.415 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 49135
Ion Ratio Lower Upper
96 100
61 144.2 0.0 288.2
98 63.5 0.0 129.0



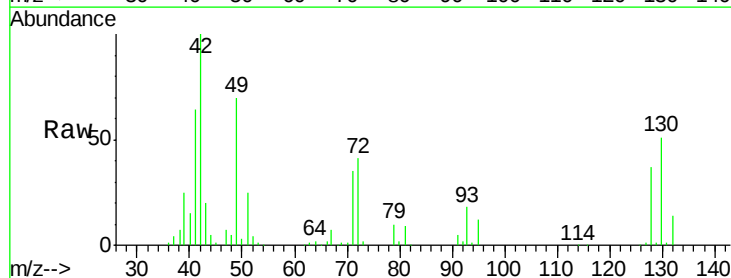
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



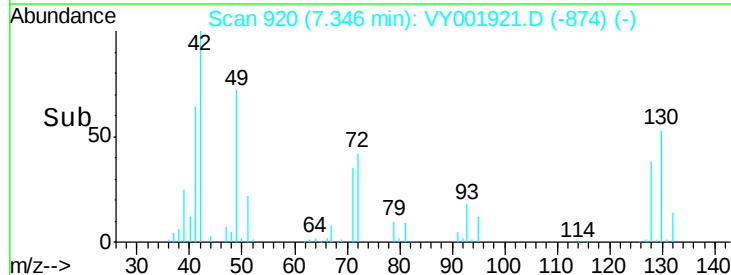
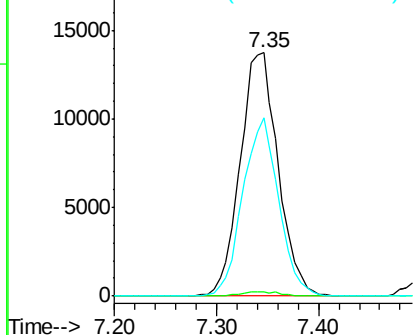
#28

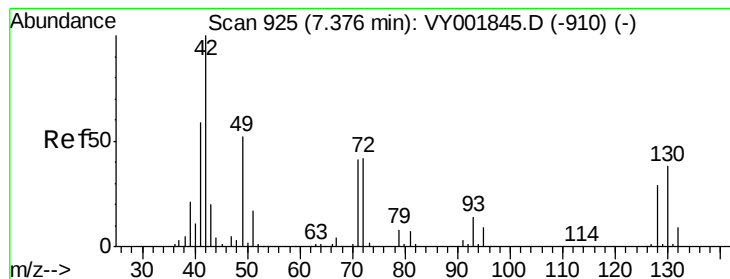
Bromochloromethane
Concen: 20.532 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 49 Resp: 35503
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 69.1 54.4 81.6



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





#29

Tetrahydrofuran

Concen: 103.634 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :

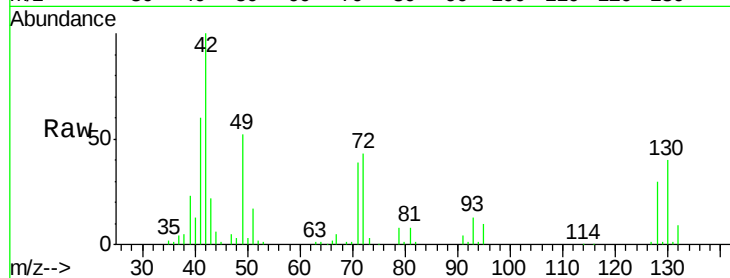
Tot Ion: 42 Resp: 57056

Ion Ratio Lower Upper

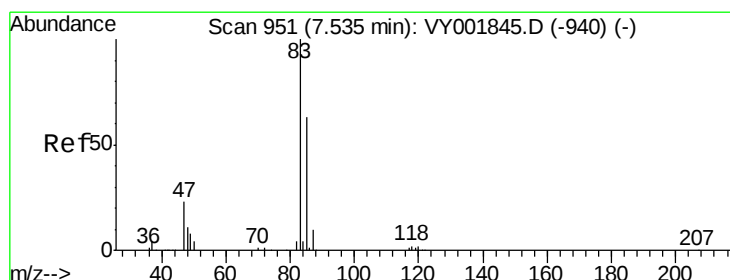
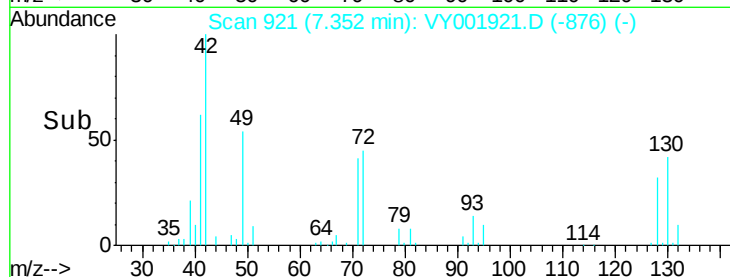
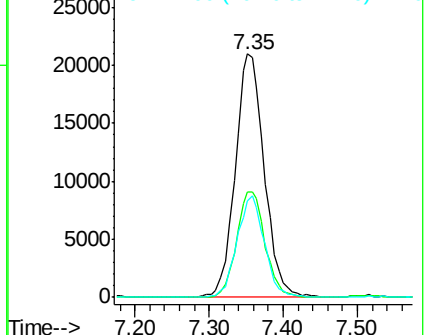
42 100

72 42.6 33.5 50.3

71 39.5 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: 20.129 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.02 min

Lab File: VY001921.D

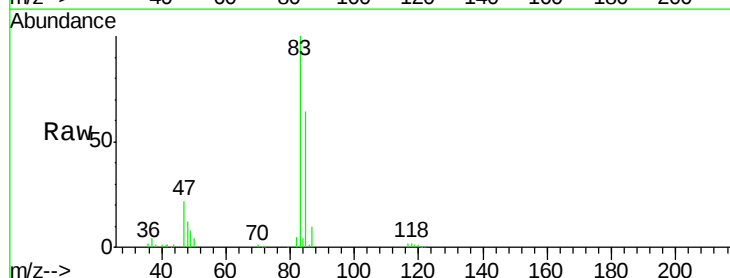
Acq: 10 Mar 2020 14:06

Tgt Ion: 83 Resp: 72550

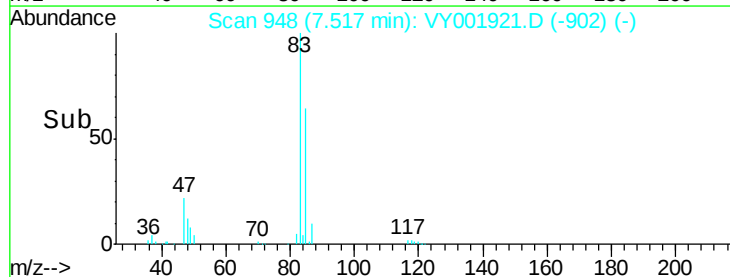
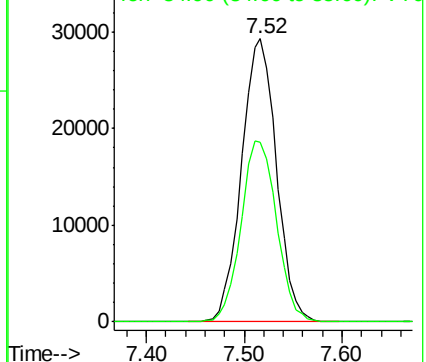
Ion Ratio Lower Upper

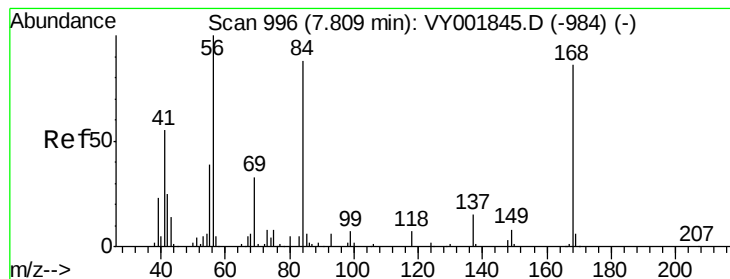
83 100

85 63.6 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: 19.751 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampled :

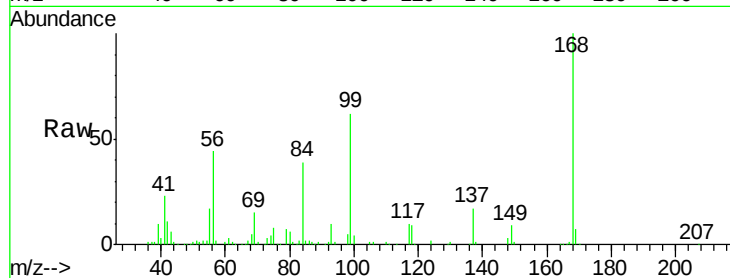
Tot Ion: 56 Resp: 81241

Ion Ratio Lower Upper

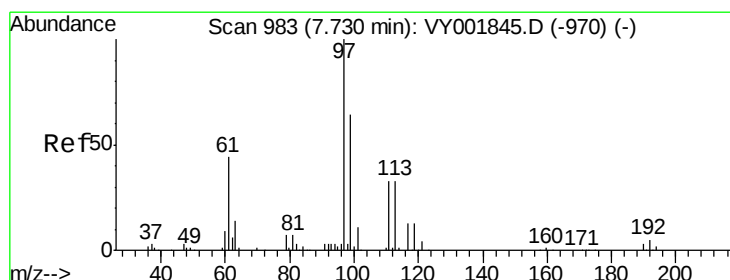
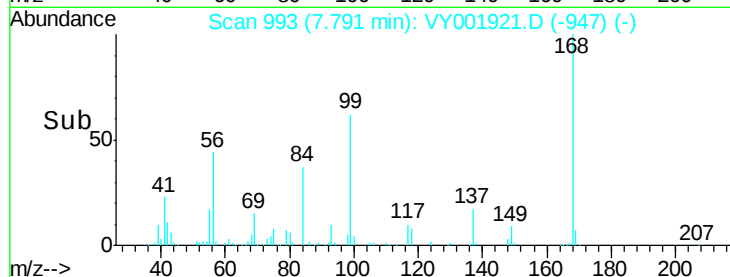
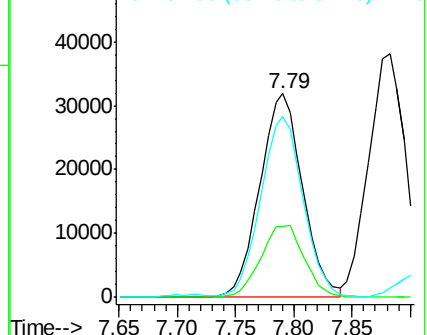
56 100

69 35.1 26.7 40.1

84 87.3 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 20.103 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

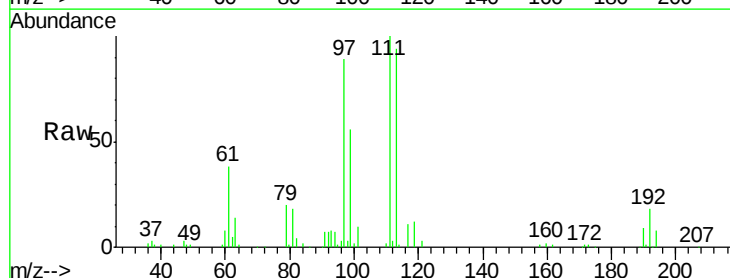
Tgt Ion: 97 Resp: 61068

Ion Ratio Lower Upper

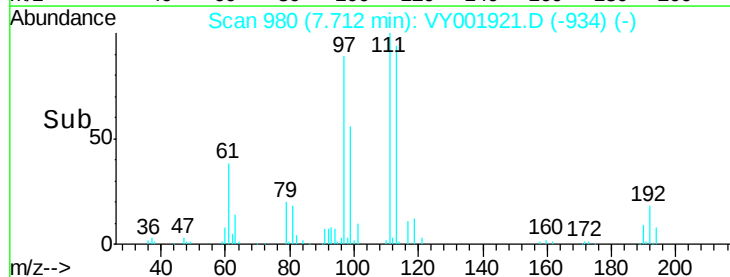
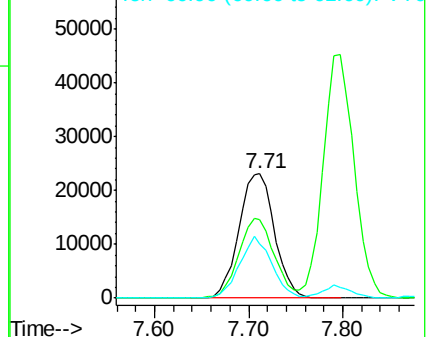
97 100

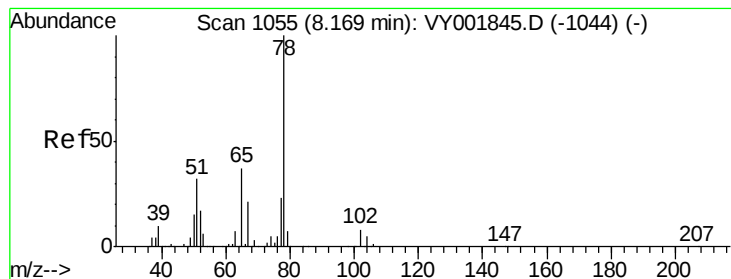
99 63.1 52.0 78.0

61 45.2 35.0 52.4



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





#33

1,2-Dichloroethane-d4

Concen: 50.118 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

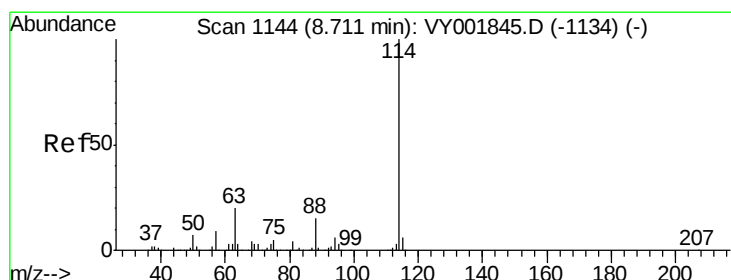
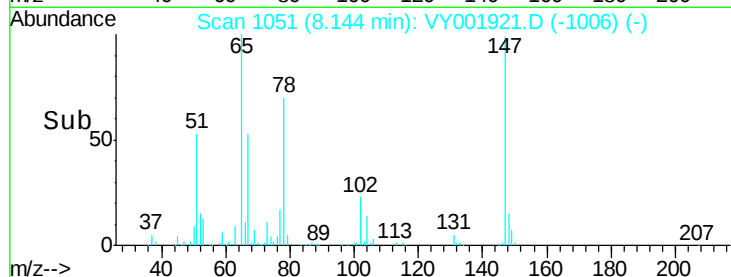
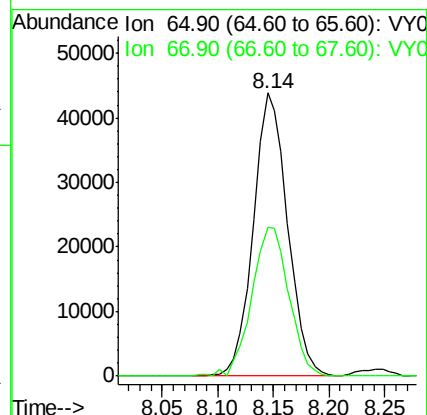
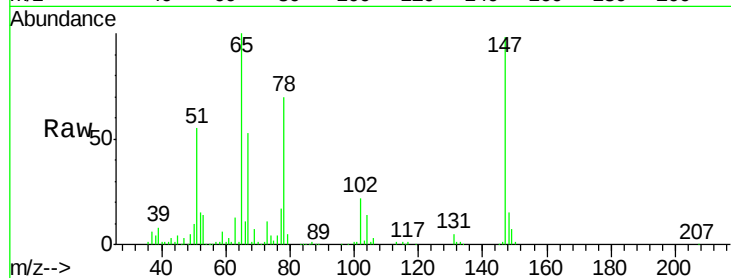
ClientSampleId :

Tot Ion: 65 Resp: 93811

Ion Ratio Lower Upper

65 100

67 57.1 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

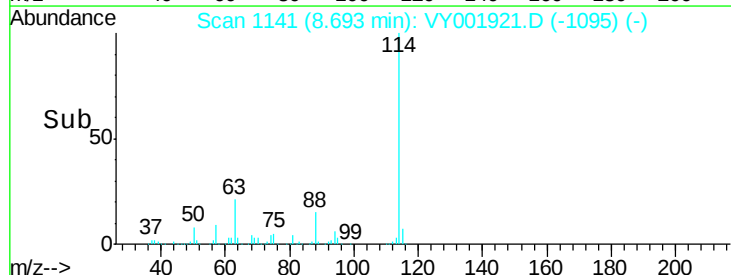
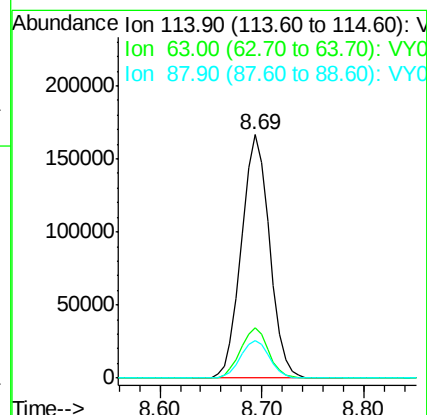
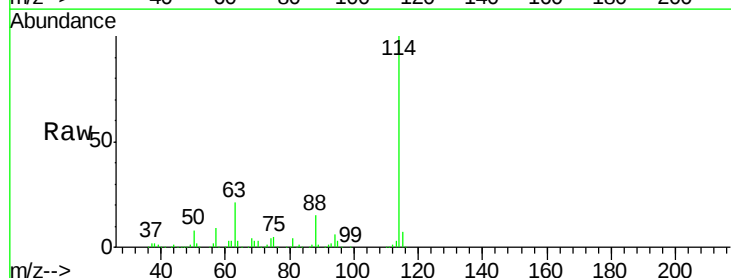
Tgt Ion: 114 Resp: 317306

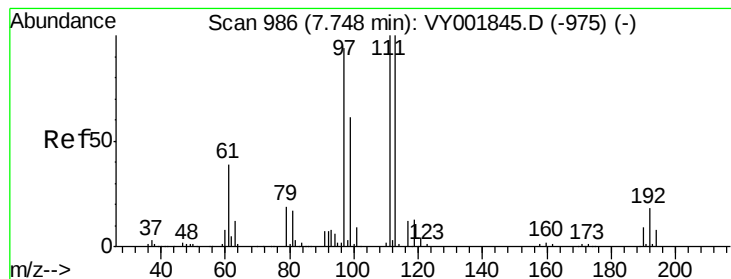
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.151 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :

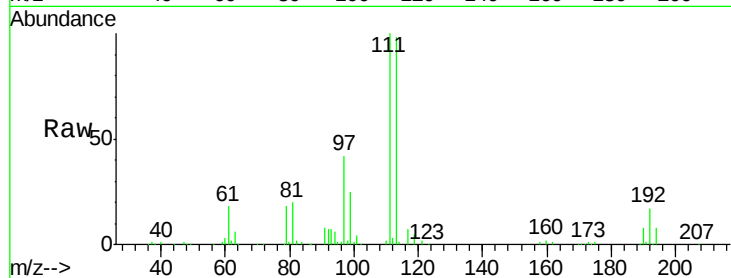
Tot Ion:113 Resp: 86894

Ion Ratio Lower Upper

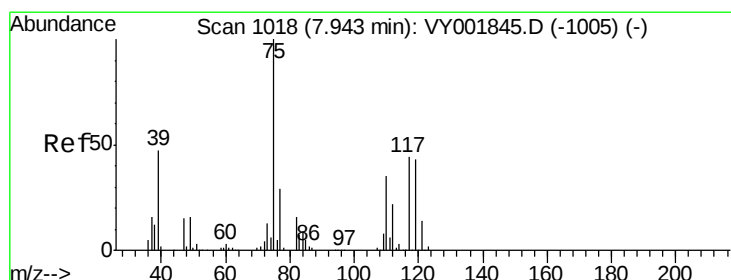
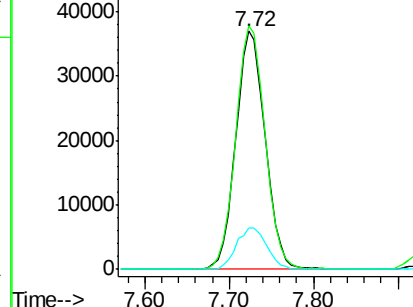
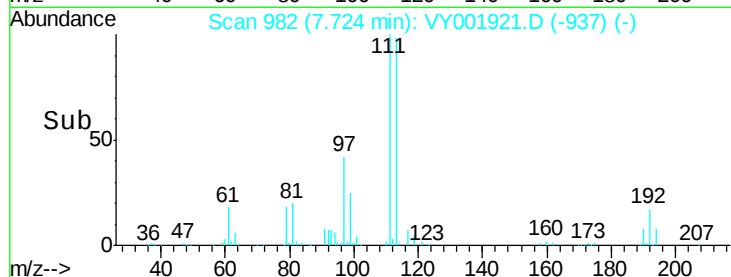
113 100

111 102.0 81.8 122.8

192 18.0 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.087 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

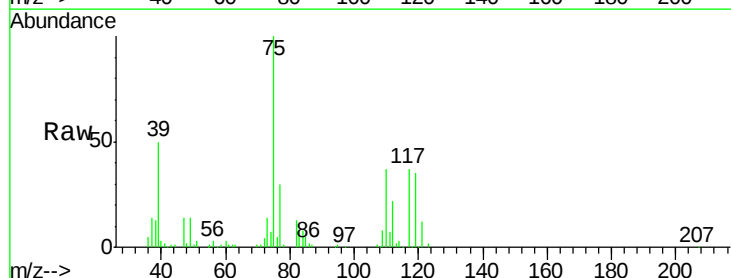
Tgt Ion: 75 Resp: 61336

Ion Ratio Lower Upper

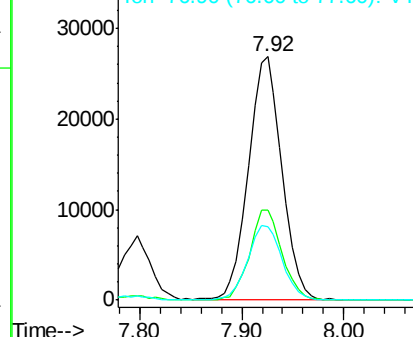
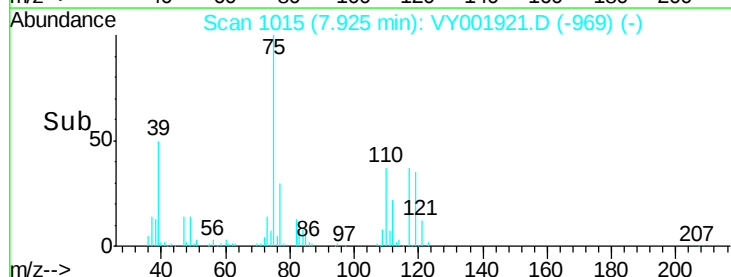
75 100

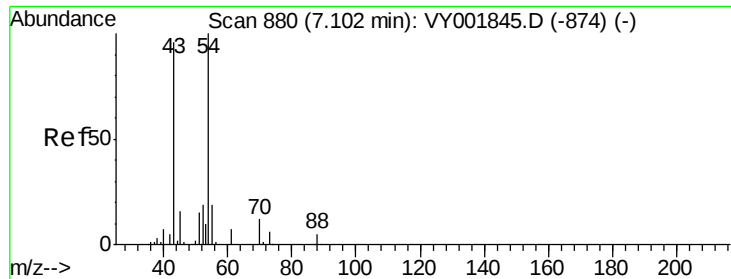
110 35.8 17.4 52.2

77 31.5 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

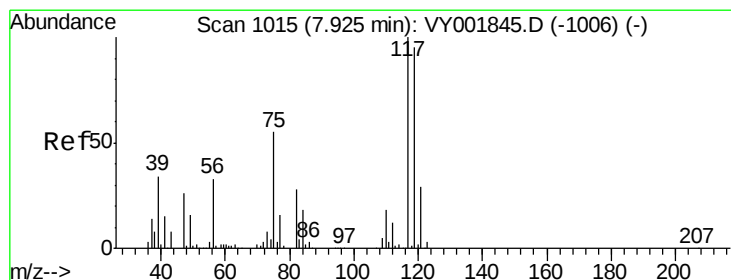
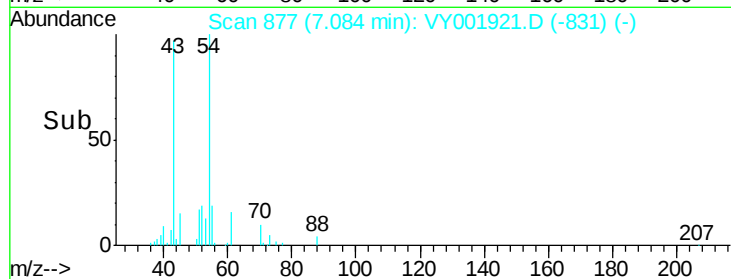
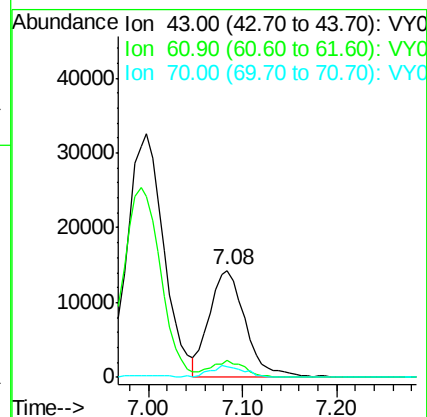
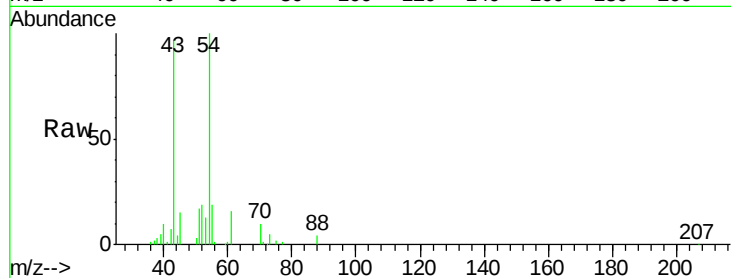




#37
Ethyl Acetate
Concen: 21.548 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

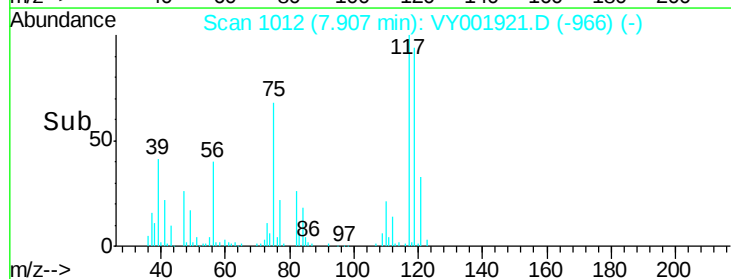
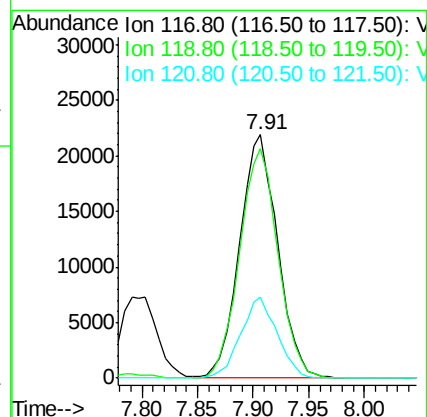
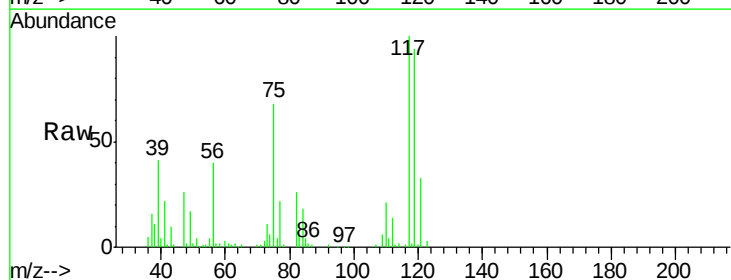
Instrument :
MSVOA_Y
ClientSampled :

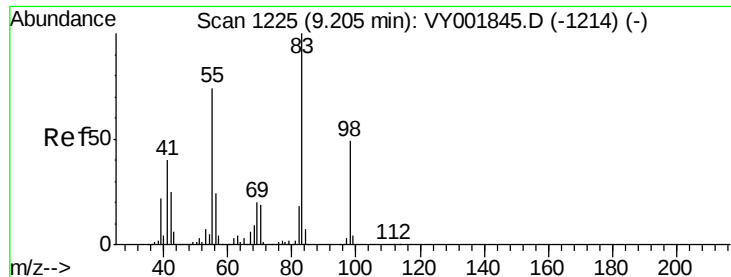
Tot Ion: 43 Resp: 38240
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.929 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 117 Resp: 51982
Ion Ratio Lower Upper
117 100
119 94.2 76.3 114.5
121 33.2 23.5 35.3

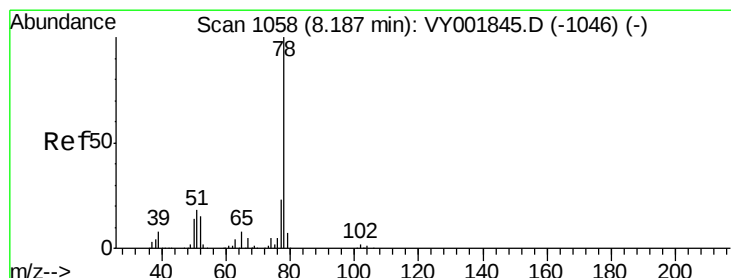
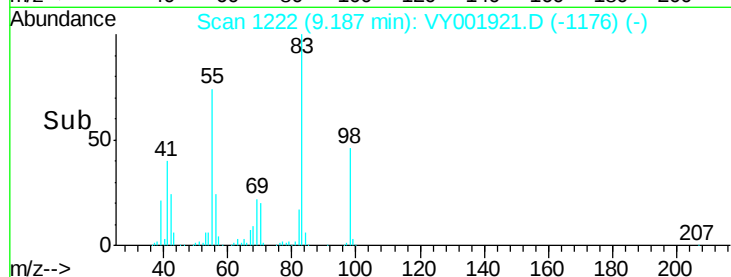
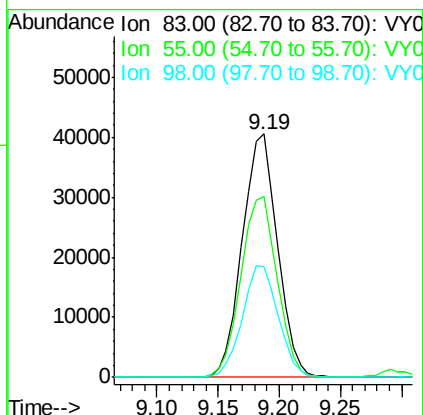
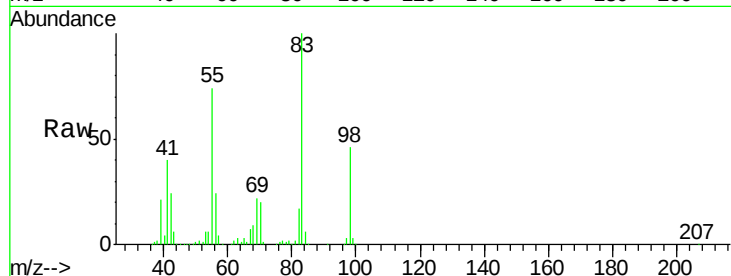




#39
Methvlcvclohexane
Concen: 20.135 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

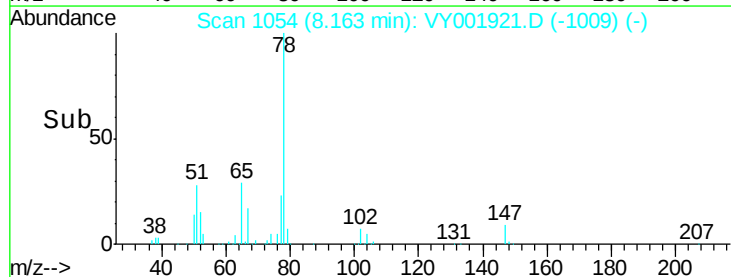
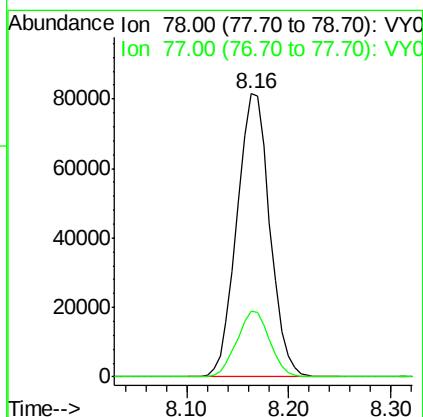
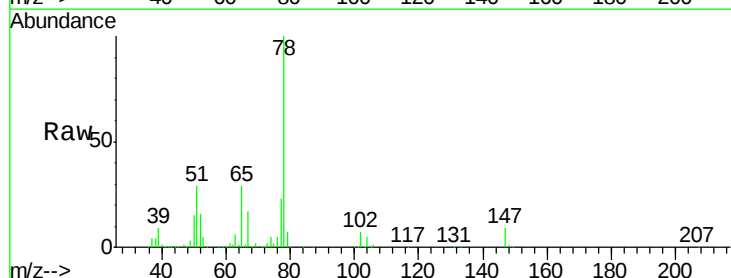
Instrument :
MSVOA_Y
ClientSampleId :

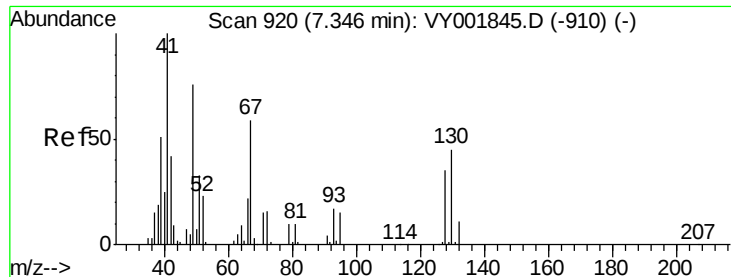
Tot Ion: 83 Resp: 81545
Ion Ratio Lower Upper
83 100
55 74.3 59.4 89.0
98 45.6 38.9 58.3



#40
Benzene
Concen: 20.209 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 78 Resp: 182897
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

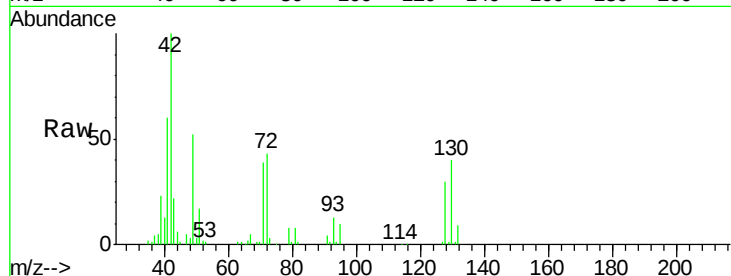




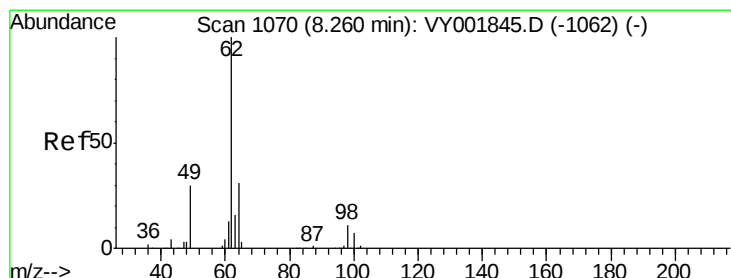
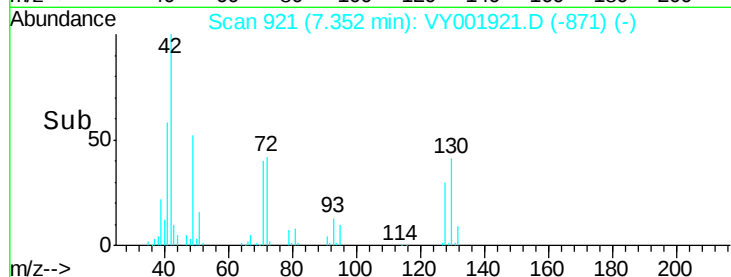
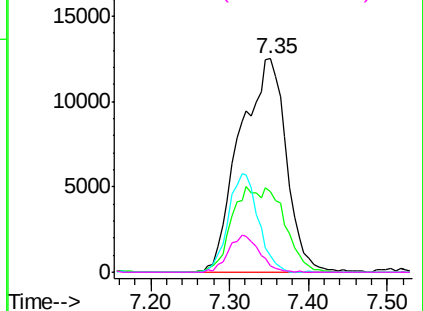
#41
Methacrylonitrile
Concen: 63.976 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 51096
Ion Ratio Lower Upper
41 100
39 0.0 111.7 167.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

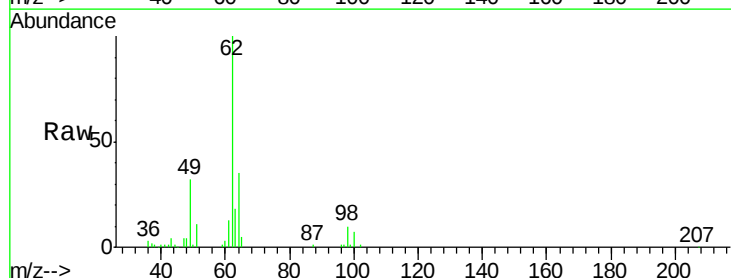


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

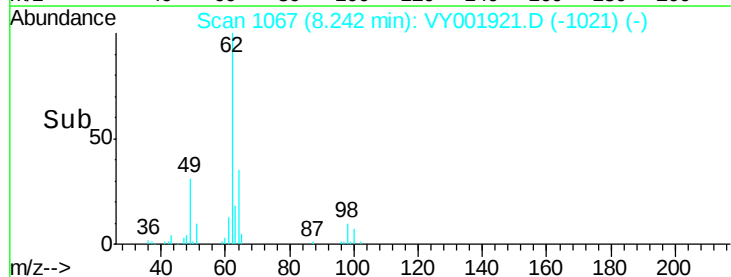
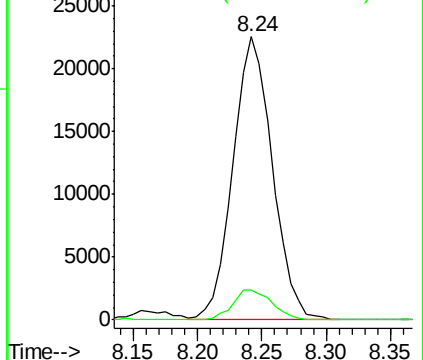


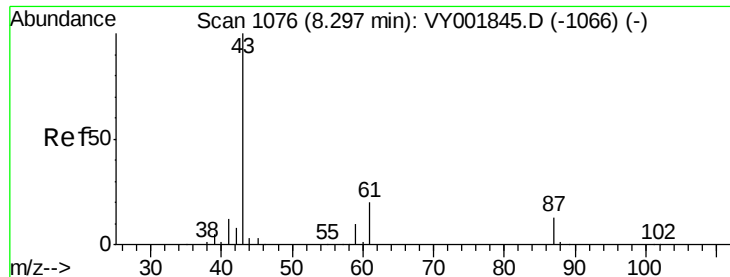
#42
1,2-Dichloroethane
Concen: 20.511 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 62 Resp: 47835
Ion Ratio Lower Upper
62 100
98 10.6 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: 20.740 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

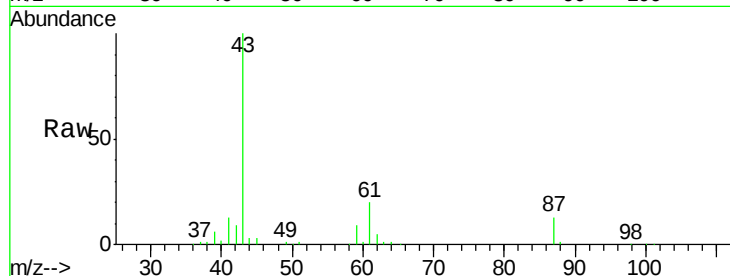
Tot Ion: 43 Resp: 69686

Ion Ratio Lower Upper

43 100

61 28.4 23.8 35.6

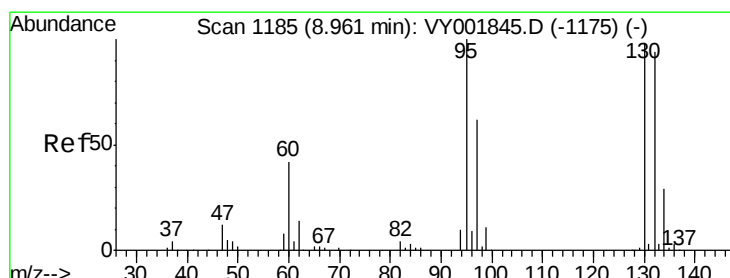
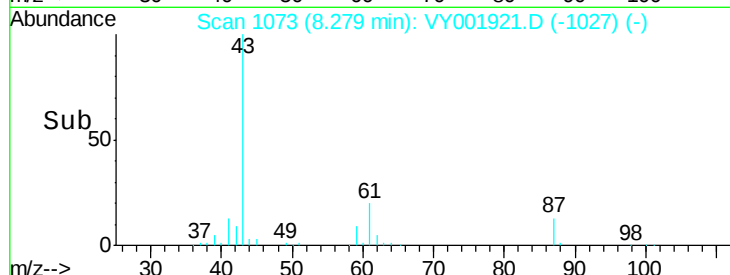
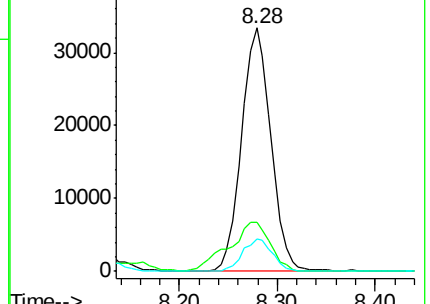
87 13.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY001921.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY001921.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY001921.D (-1073) (-)



#44

Trichloroethene

Concen: 19.561 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VY001921.D

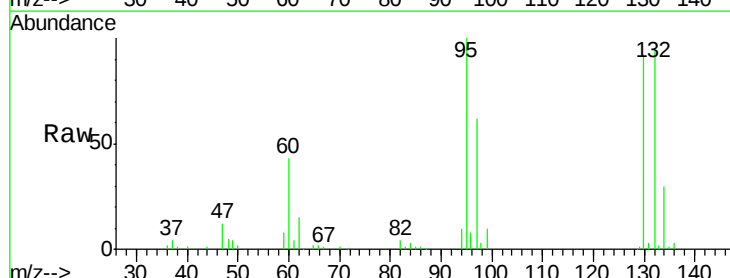
Acq: 10 Mar 2020 14:06

Tgt Ion:130 Resp: 43115

Ion Ratio Lower Upper

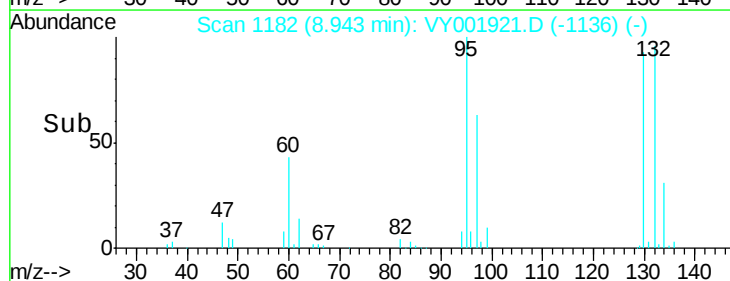
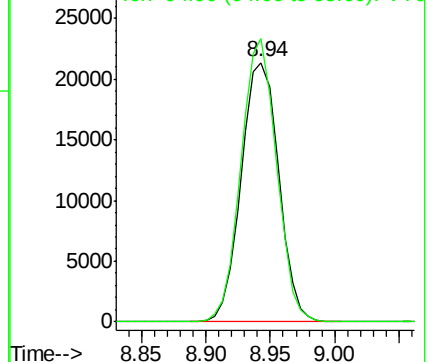
130 100

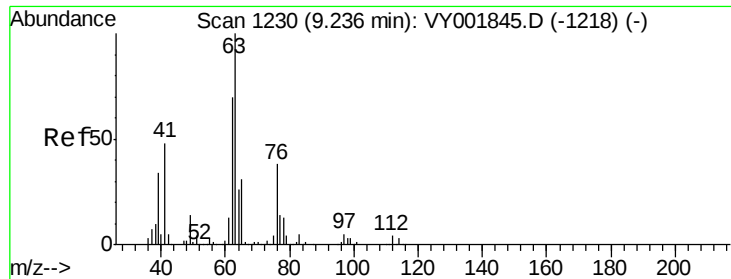
95 109.1 0.0 204.6



Abundance Ion 129.80 (129.50 to 130.50): VY001921.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY001921.D (-1182) (-)

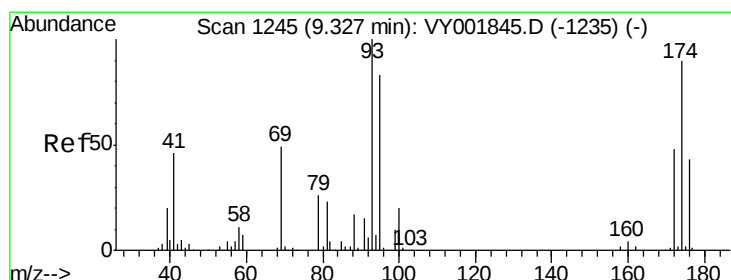
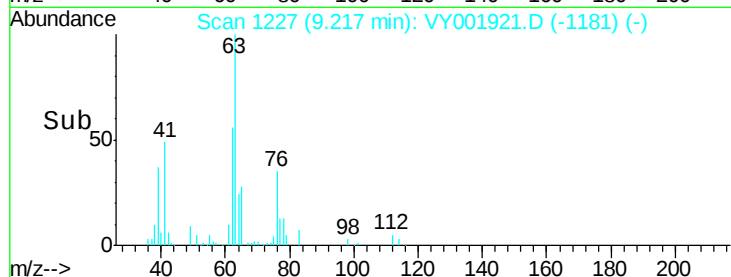
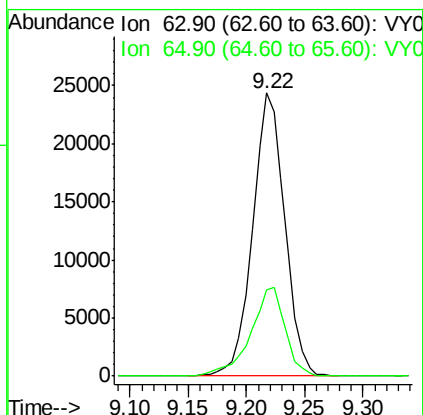
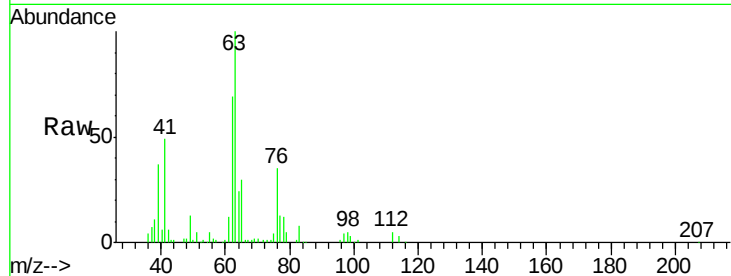




#45
 1,2-Dichloropropane
 Concen: 20.614 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

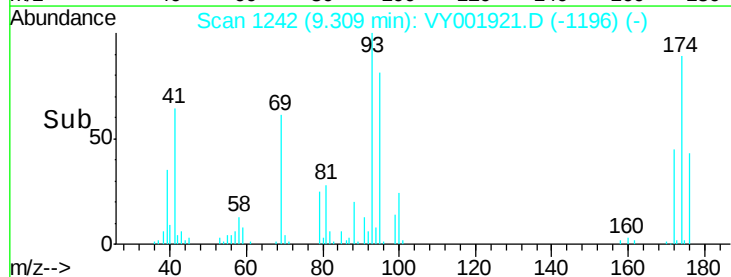
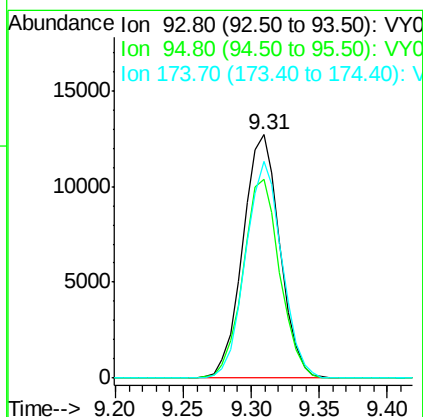
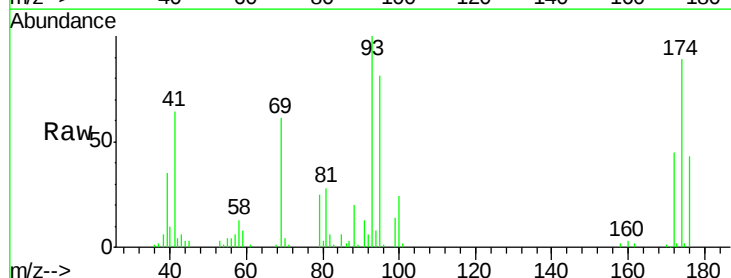
Instrument :
 MSVOA_Y
 ClientSampleId :

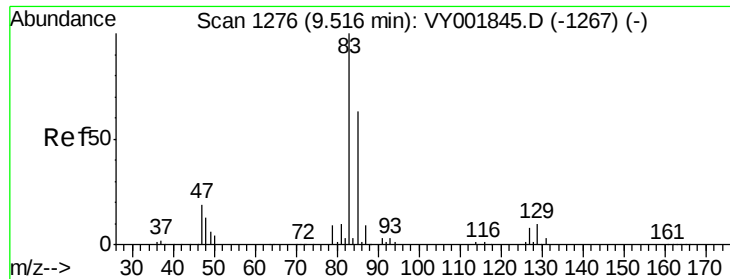
Tot Ion: 63 Resp: 46899
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.9 37.3



#46
 Dibromomethane
 Concen: 20.609 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Tgt Ion: 93 Resp: 24162
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.0 100.4
 174 87.5 71.8 107.8





#47

Bromodichloromethane

Concen: 20.375 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

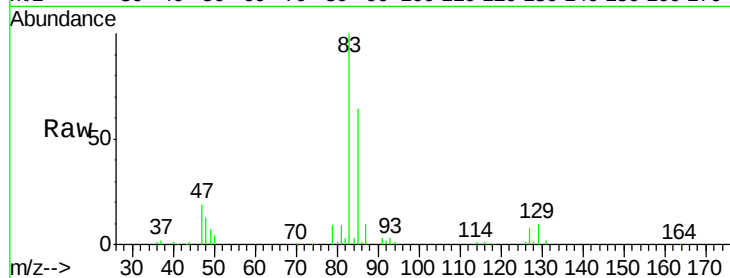
Tot Ion: 83 Resp: 55570

Ion Ratio Lower Upper

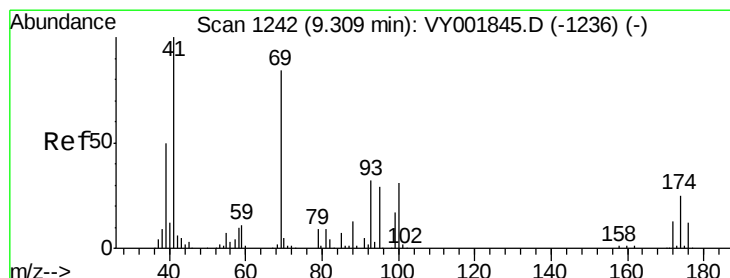
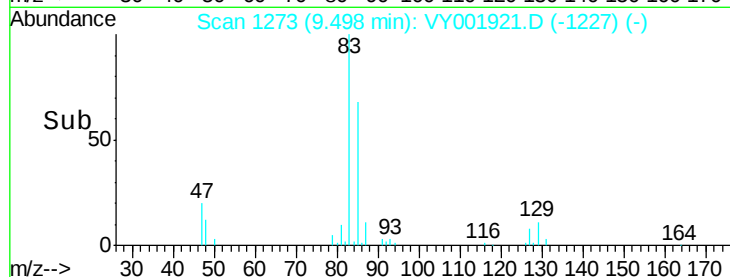
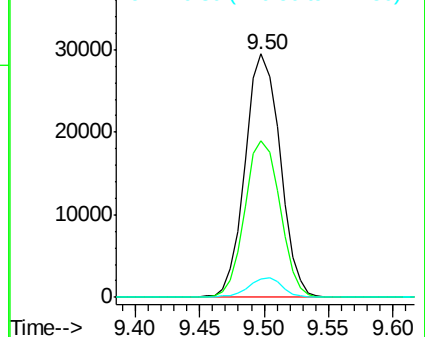
83 100

85 64.1 50.6 76.0

127 7.8 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: 20.354 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

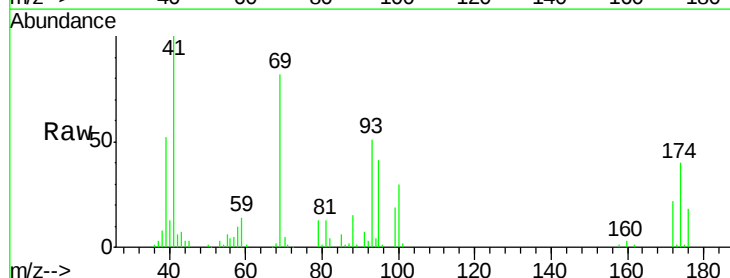
Tgt Ion: 41 Resp: 30346

Ion Ratio Lower Upper

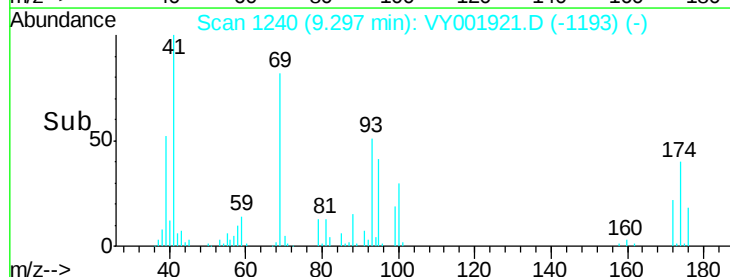
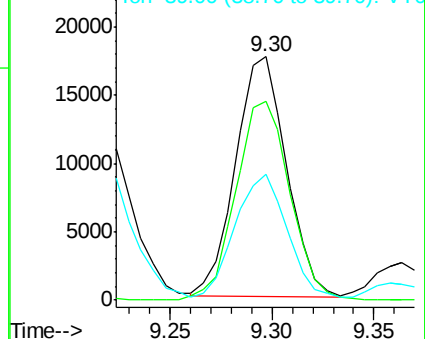
41 100

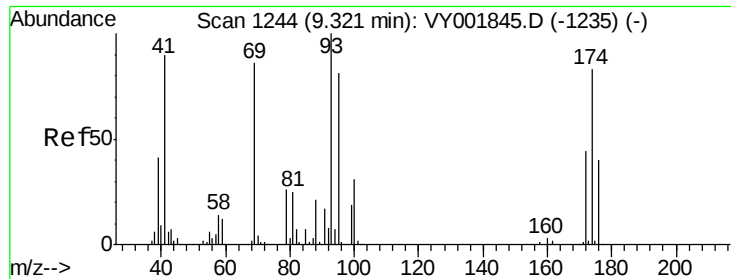
69 88.0 69.0 103.6

39 55.0 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

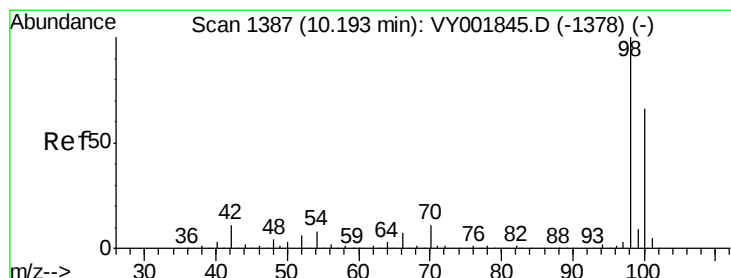
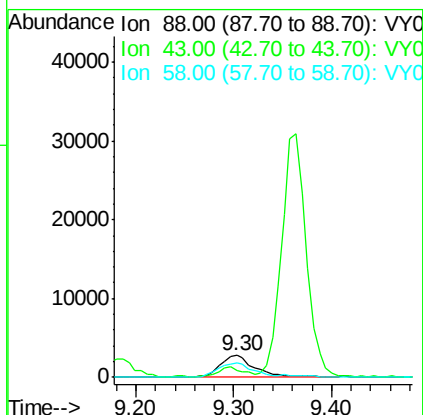
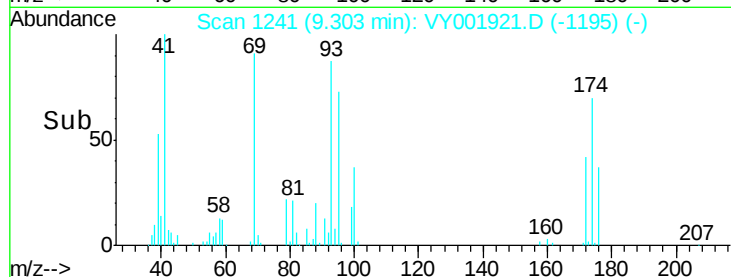
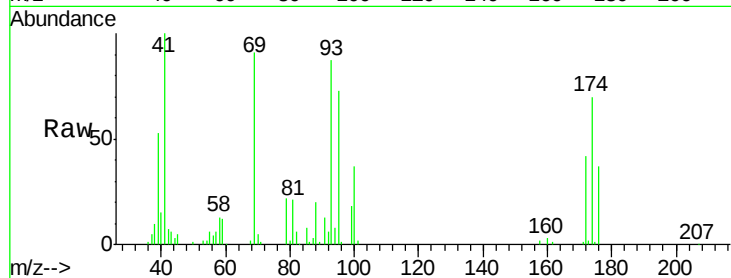




#49
1,4-Dioxane
Concen: 439.960 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.02 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

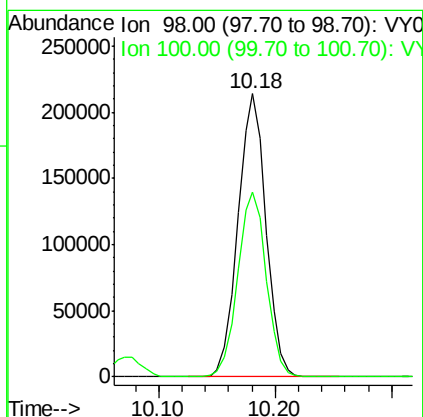
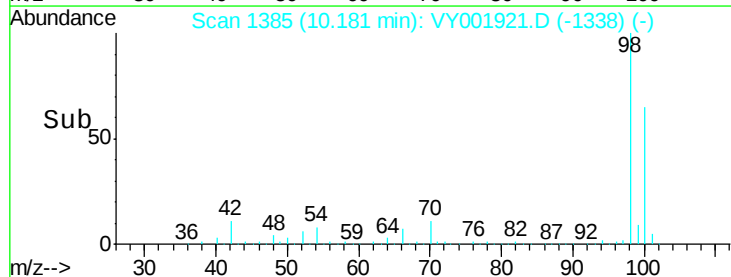
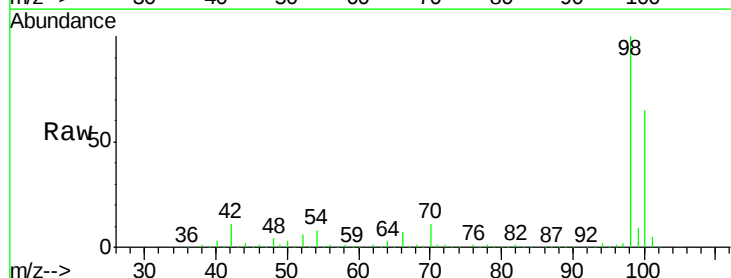
Instrument :
MSVOA_Y
ClientSampleId :

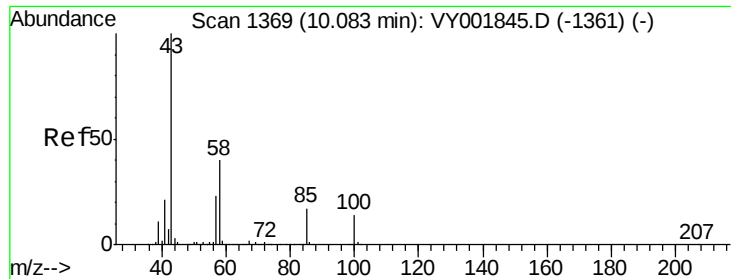
Tot Ion: 88 Resp: 7068
Ion Ratio Lower Upper
88 100
43 34.2 25.0 37.6
58 64.7 58.9 88.3



#50
Toluene-d8
Concen: 48.950 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 98 Resp: 357638
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 106.251 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

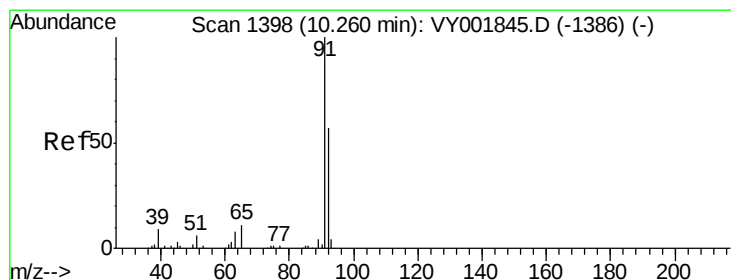
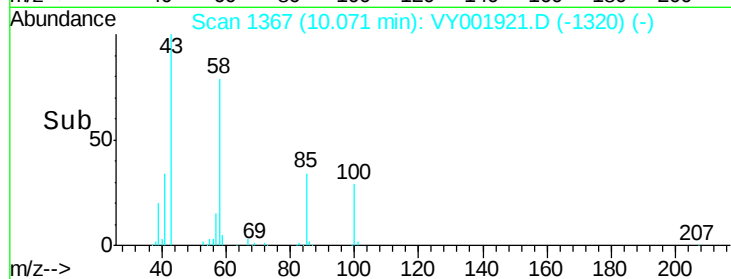
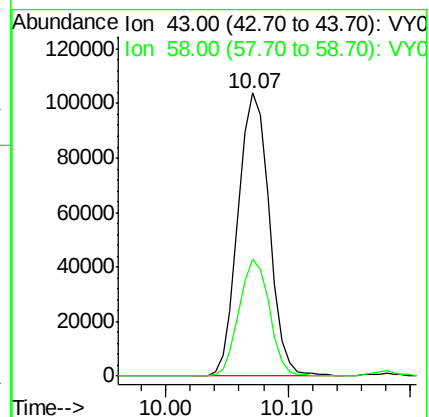
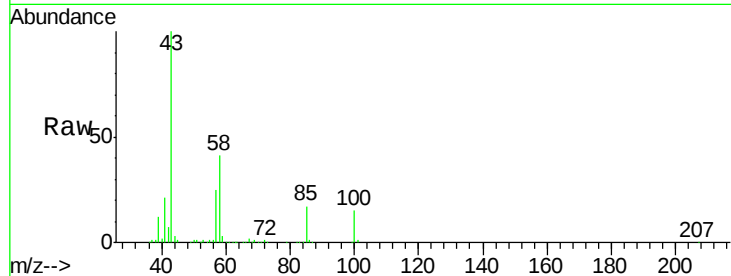
ClientSampleId :

Tot Ion: 43 Resp: 183880

Ion Ratio Lower Upper

43 100

58 40.3 32.0 48.0



#52

Toluene

Concen: 20.259 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.02 min

Lab File: VY001921.D

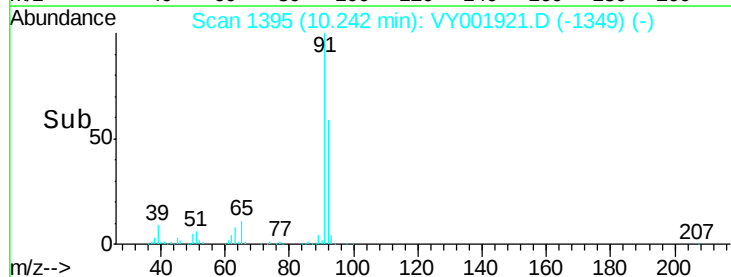
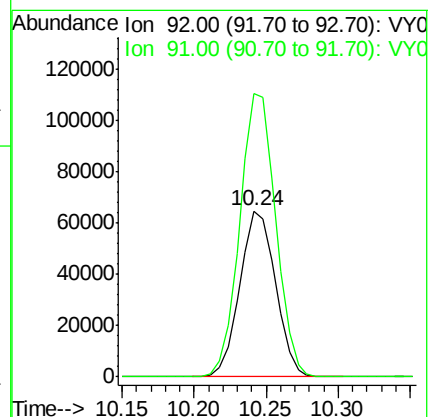
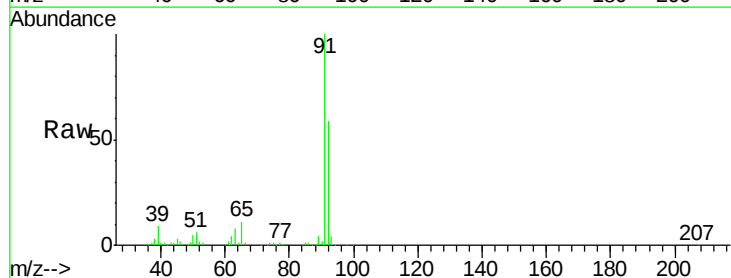
Acq: 10 Mar 2020 14:06

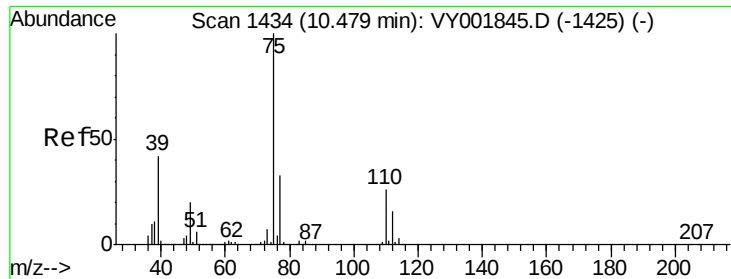
Tgt Ion: 92 Resp: 111381

Ion Ratio Lower Upper

92 100

91 171.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 20.787 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

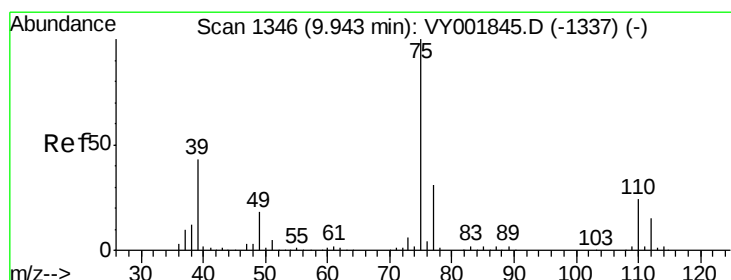
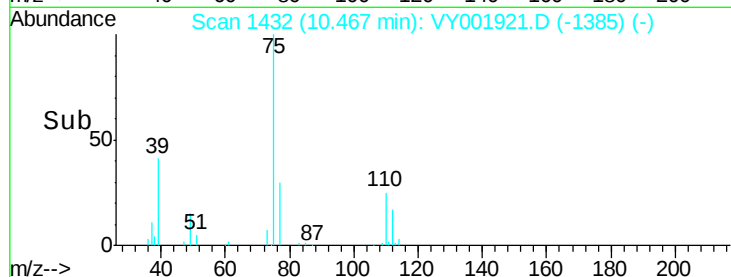
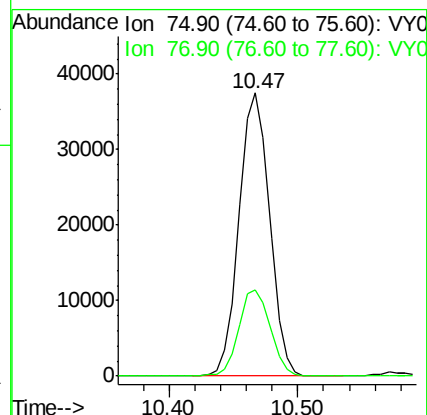
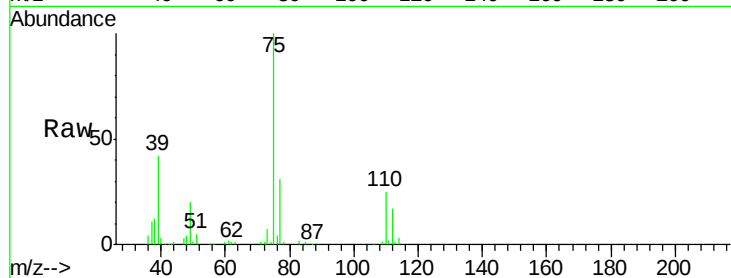
ClientSampleId :

Tot Ion: 75 Resp: 61766

Ion Ratio Lower Upper

75 100

77 30.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 20.512 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

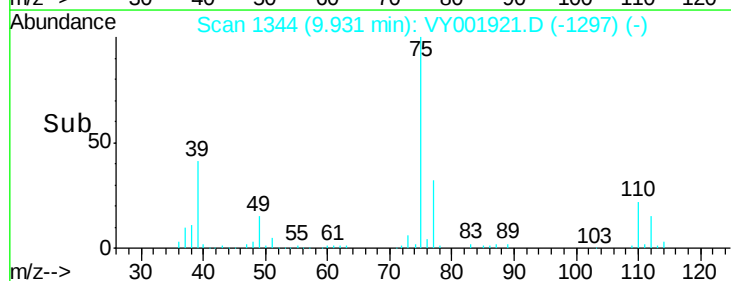
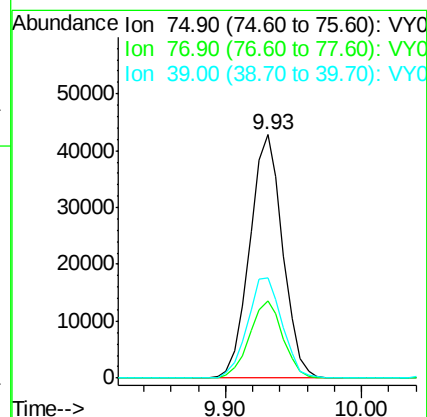
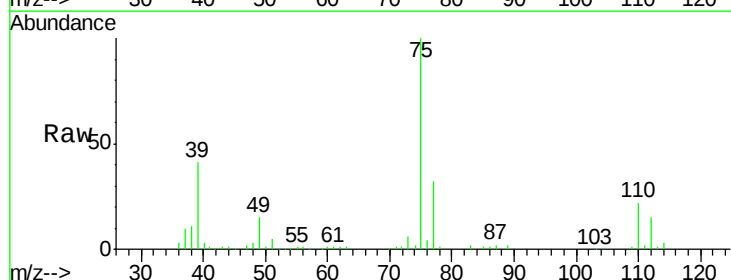
Tgt Ion: 75 Resp: 72556

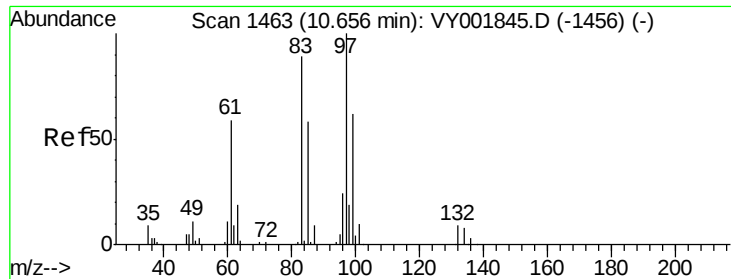
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 41.4 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 20.539 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 35241

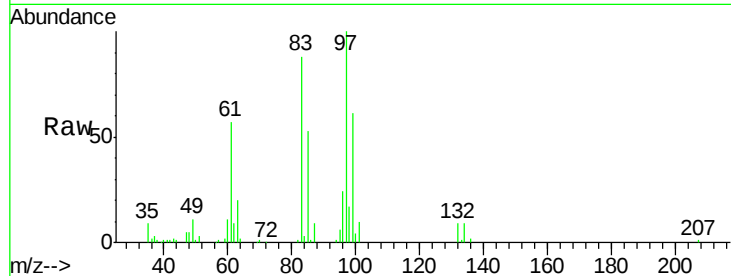
Ion Ratio Lower Upper

97 100

83 88.2 71.6 107.4

85 53.4 46.6 69.8

99 61.2 49.8 74.6

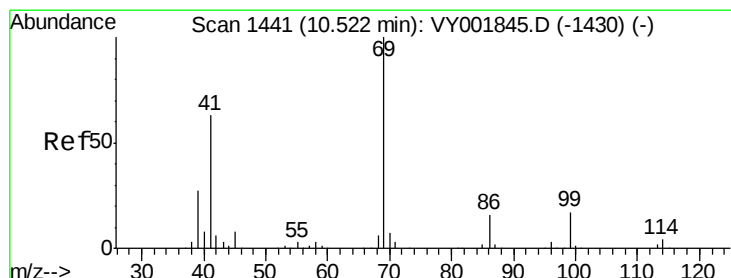
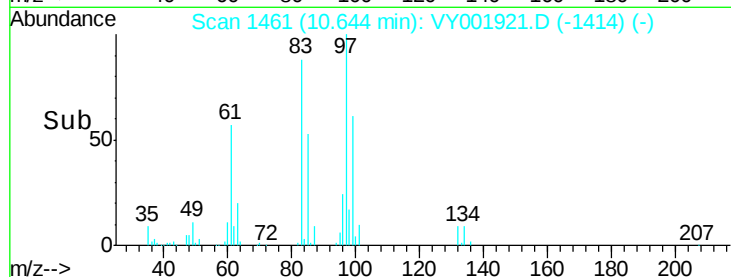
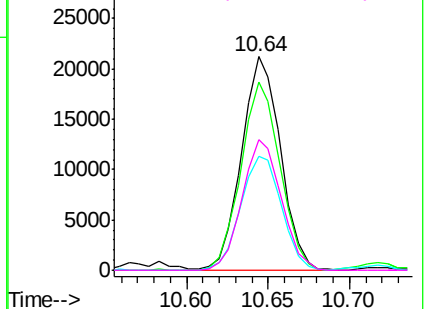


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.099 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

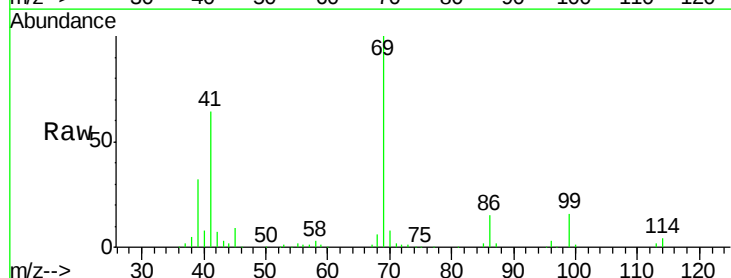
Tgt Ion: 69 Resp: 53063

Ion Ratio Lower Upper

69 100

41 63.9 49.9 74.9

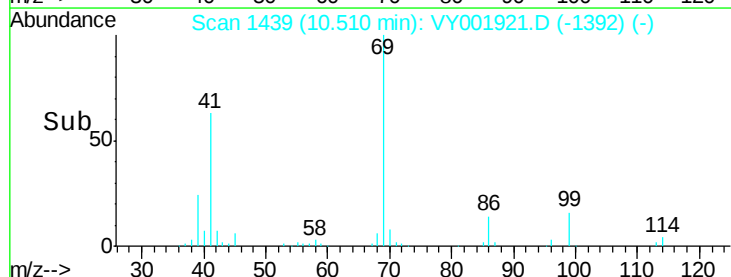
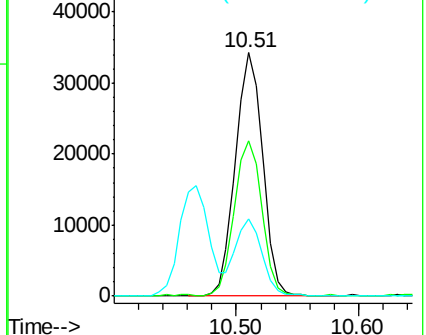
39 32.5 23.0 34.6

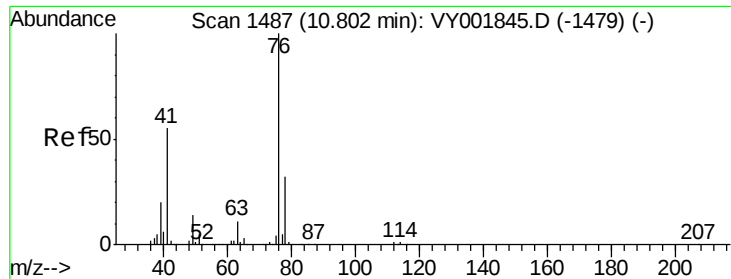


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

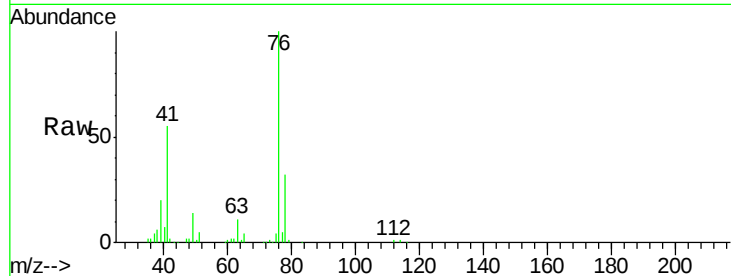
ClientSampleId :

Tot Ion: 76 Resp: 63431

Ion Ratio Lower Upper

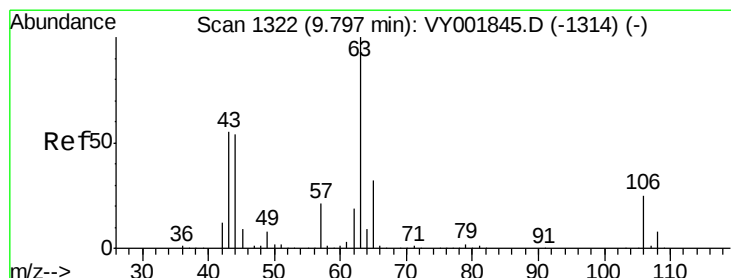
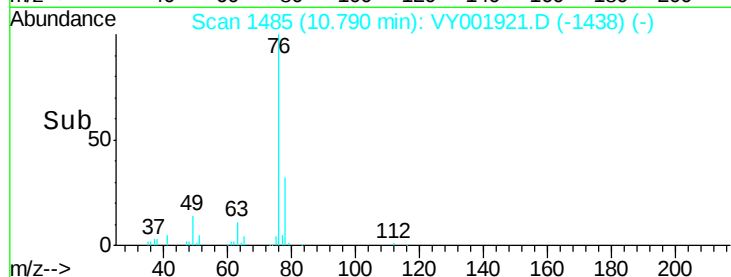
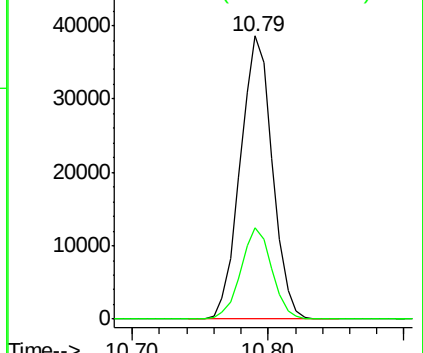
76 100

78 31.3 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: 140.840 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY001921.D

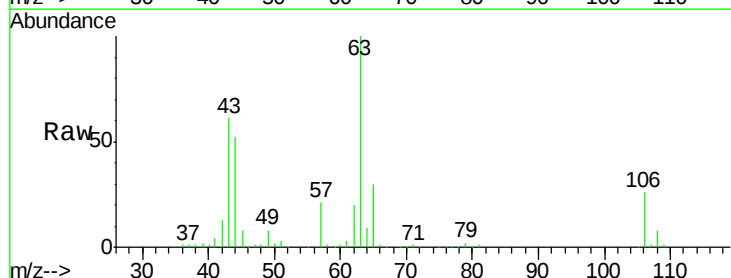
Acq: 10 Mar 2020 14:06

Tgt Ion: 63 Resp: 136164

Ion Ratio Lower Upper

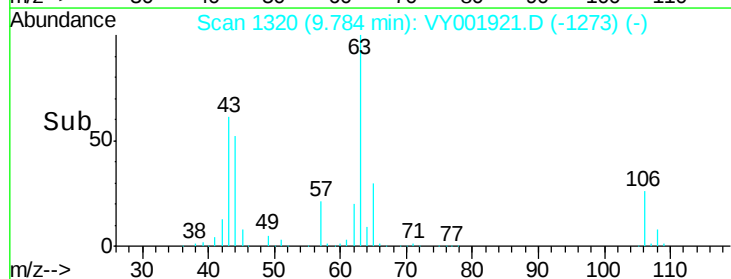
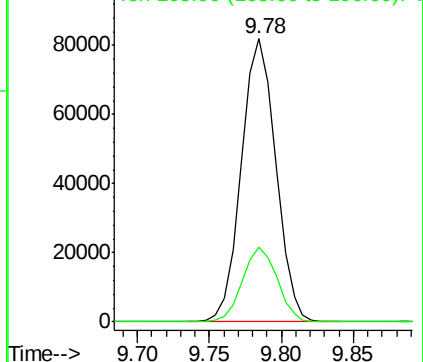
63 100

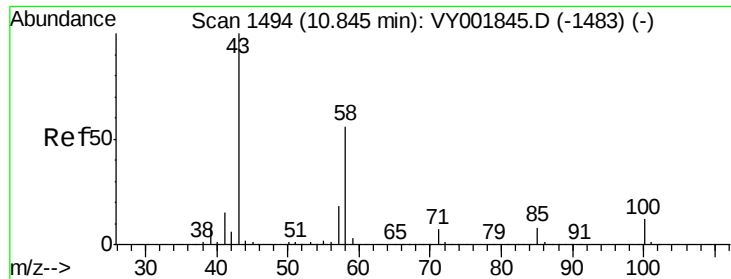
106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

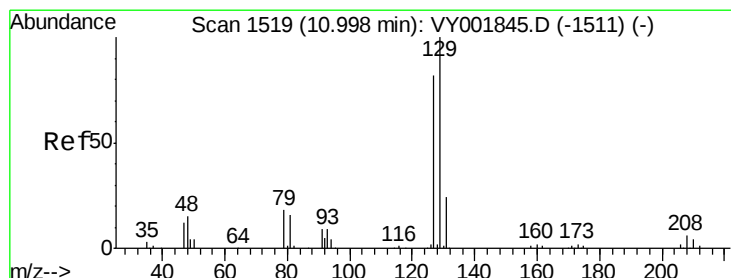
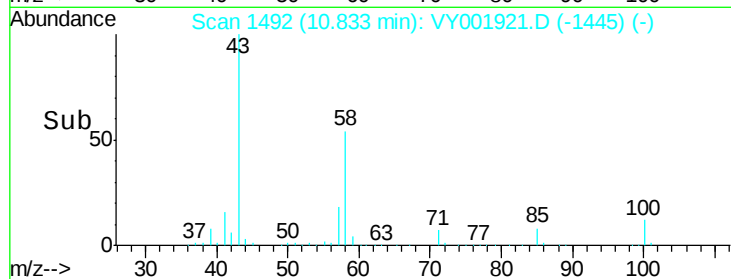
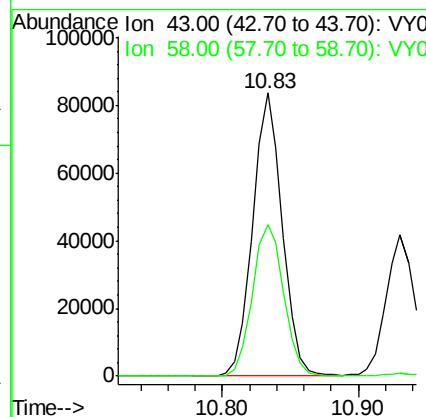
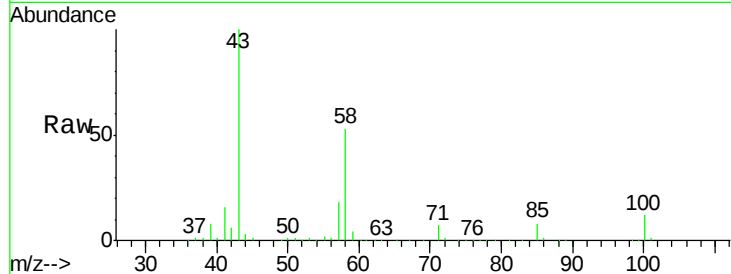




#59
2-Hexanone
Concen: 103.196 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

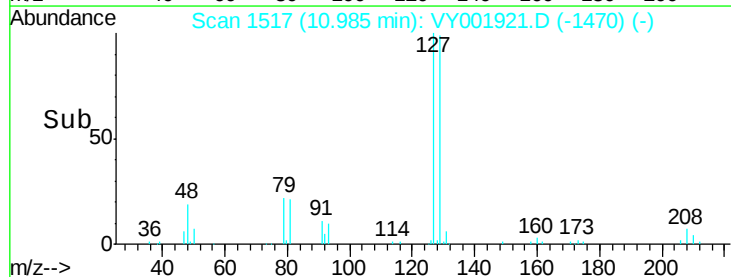
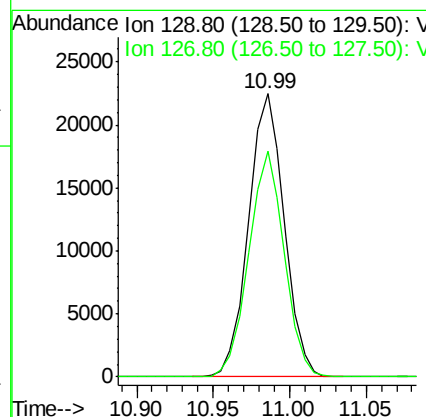
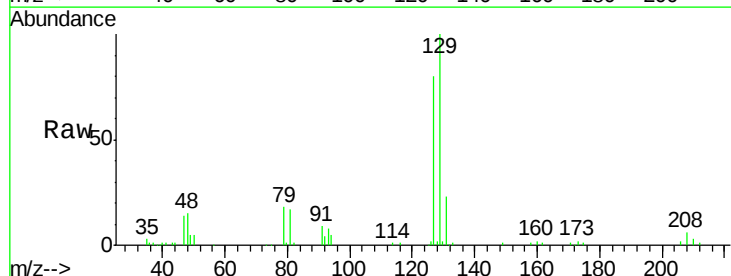
Instrument :
MSVOA_Y
ClientSampled :

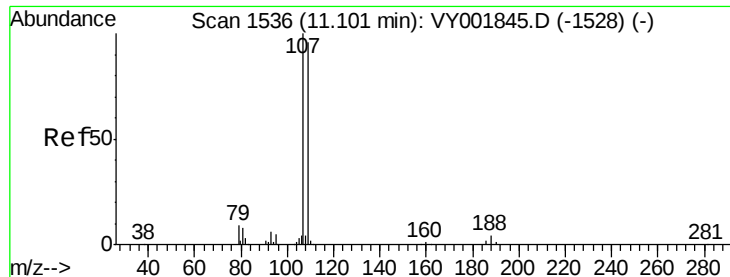
Tot Ion: 43 Resp: 127471
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.131 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 129 Resp: 36398
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

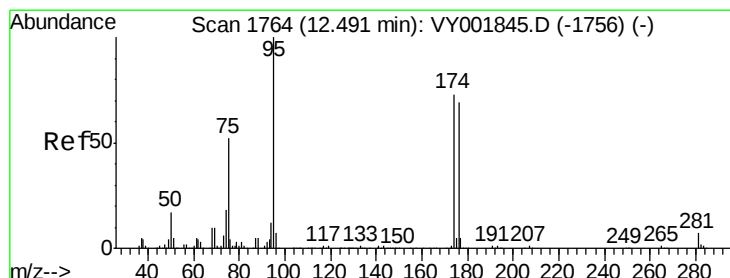
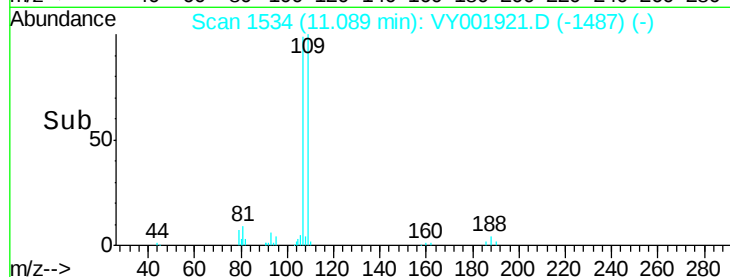
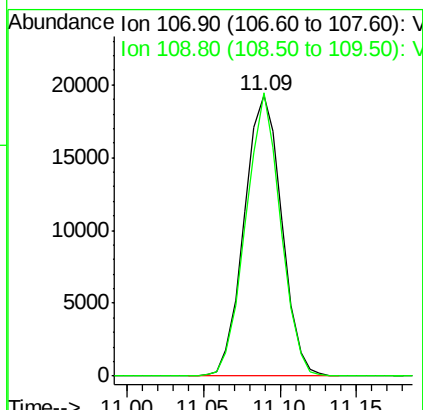
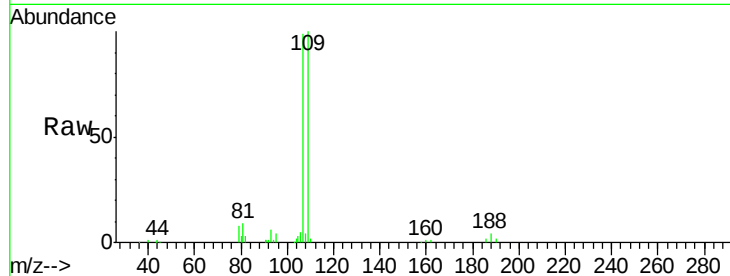




#61
 1,2-Dibromoethane
 Concen: 20.183 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

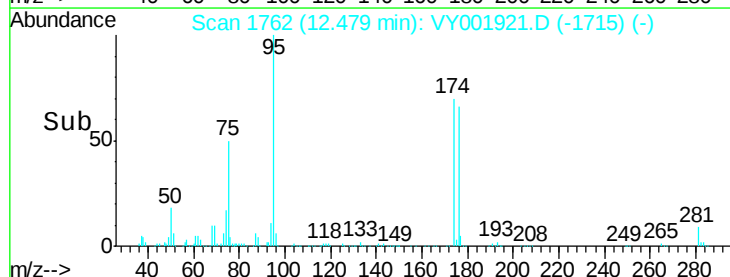
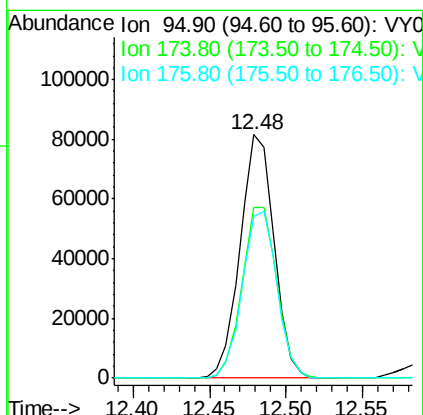
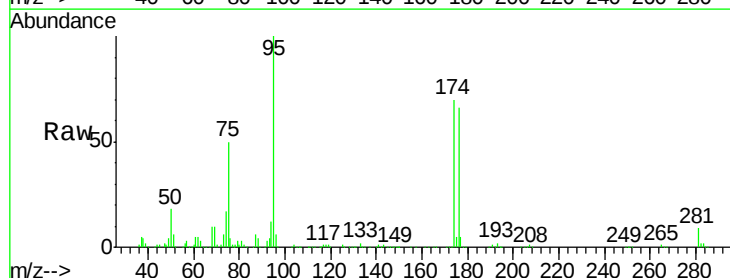
Instrument :
 MSVOA_Y
 ClientSampleId :

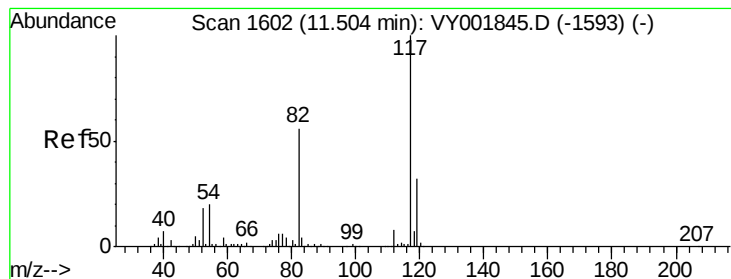
Tot Ion: 107 Resp: 32803
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.381 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Tgt Ion: 95 Resp: 125450
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 145.0
 176 69.9 0.0 137.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

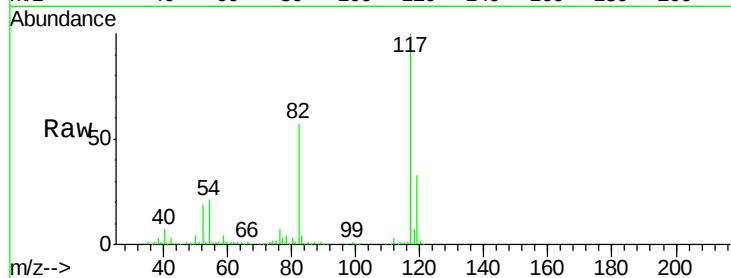
Tot Ion:117 Resp: 284938

Ion Ratio Lower Upper

117 100

82 57.1 44.5 66.7

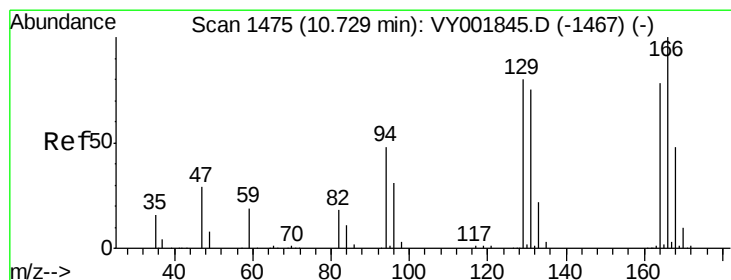
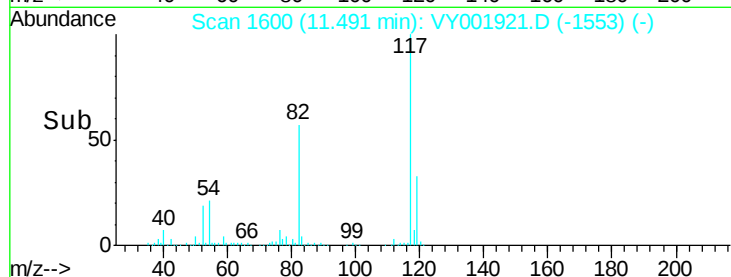
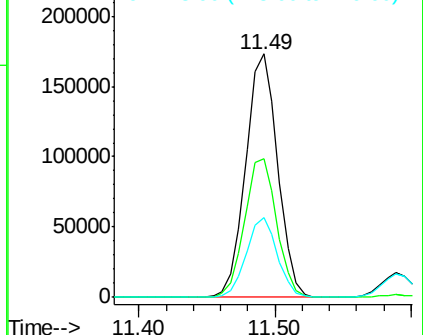
119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.116 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Tgt Ion:164 Resp: 35946

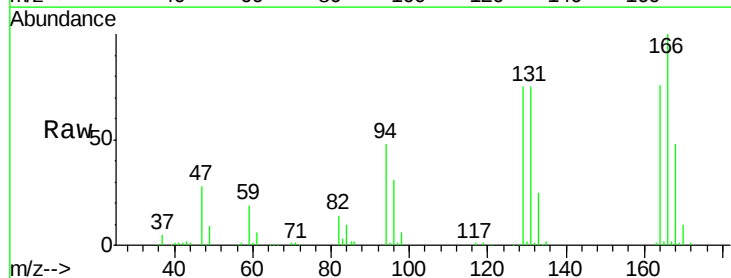
Ion Ratio Lower Upper

164 100

166 132.1 102.6 154.0

129 99.2 82.3 123.5

131 99.5 77.4 116.0

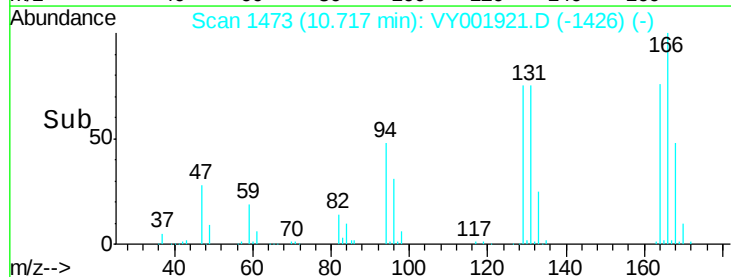
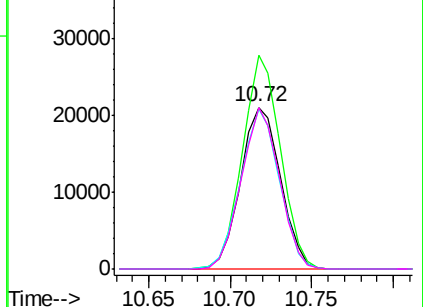


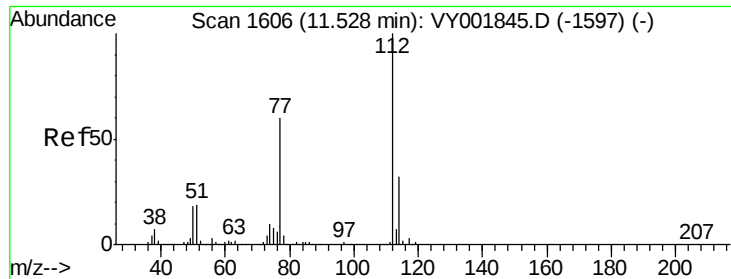
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

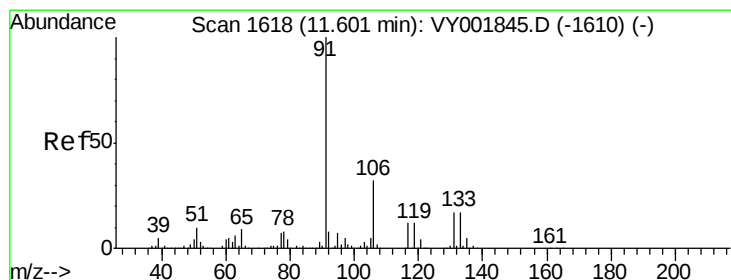
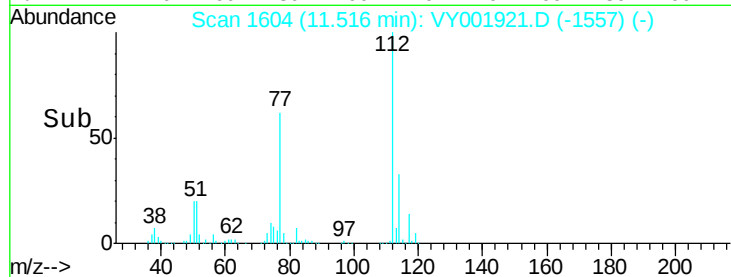
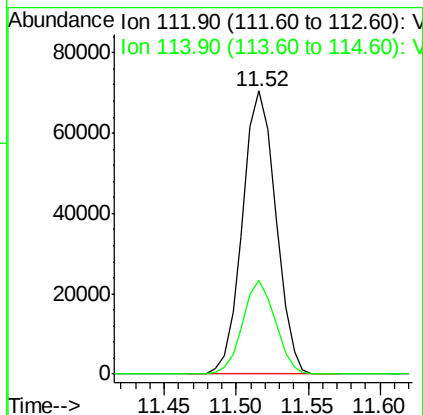
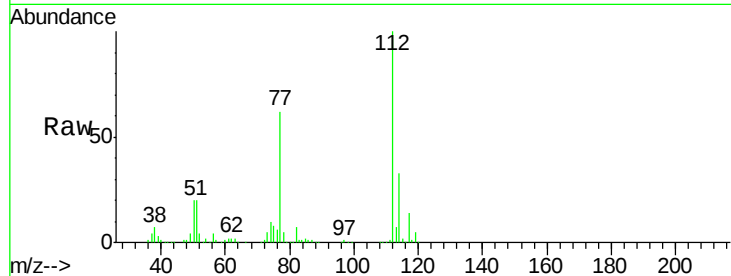




#65
Chlorobenzene
Concen: 19.949 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

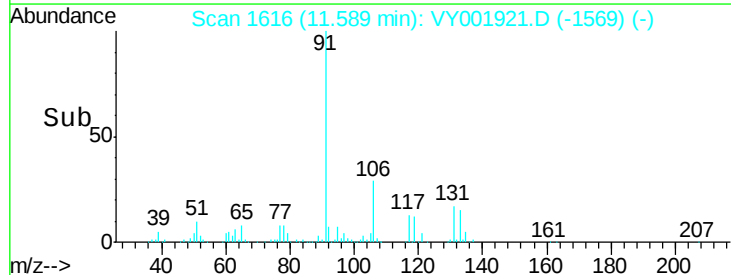
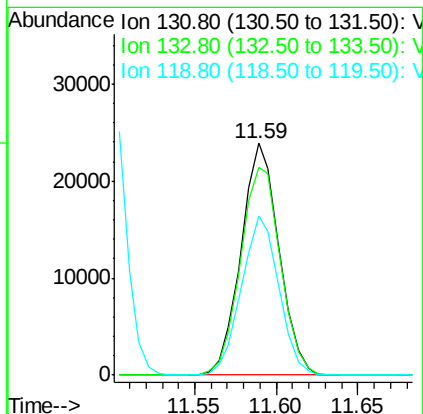
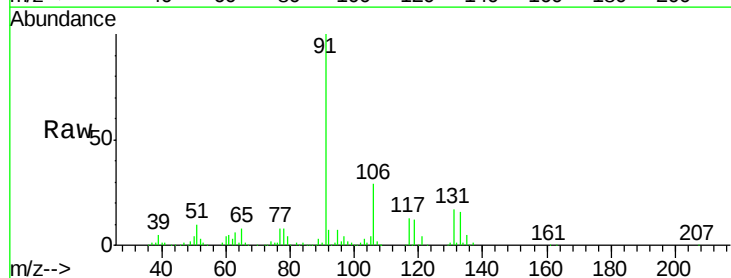
Instrument :
MSVOA_Y
ClientSampleId :

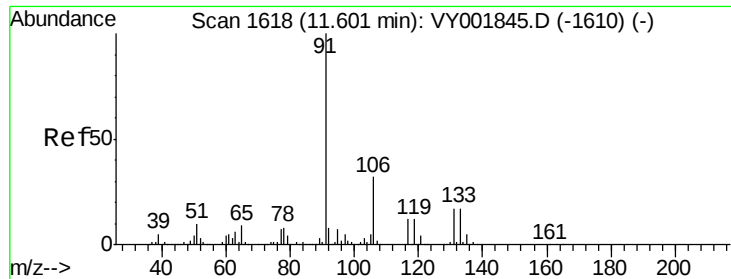
Tot Ion:112 Resp: 113261
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.717 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion:131 Resp: 38571
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 67.8 34.5 103.6

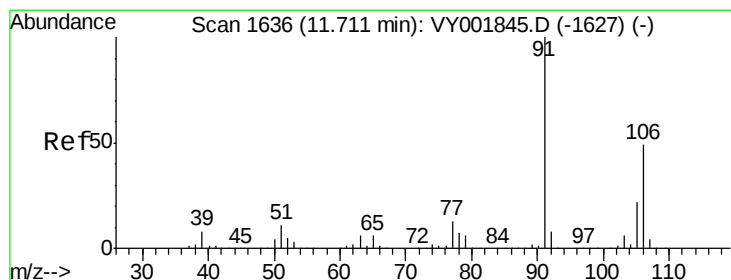
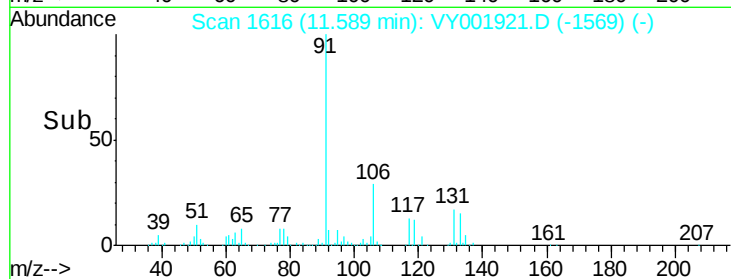
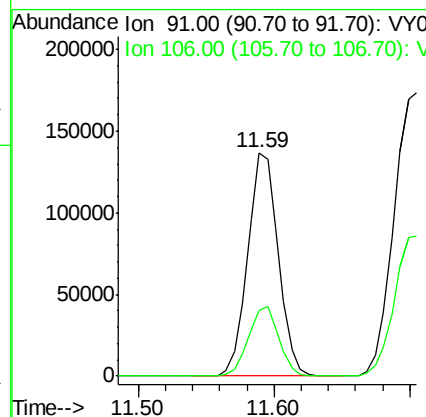
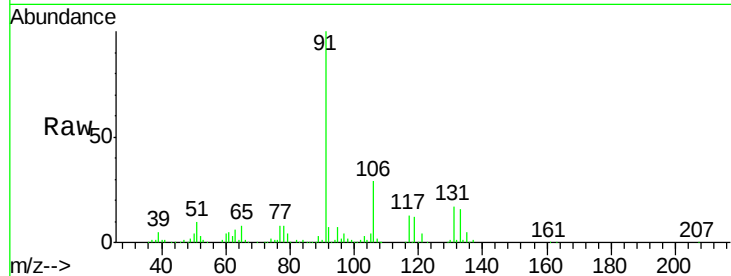




#67
Ethyl Benzene
Concen: 20.223 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

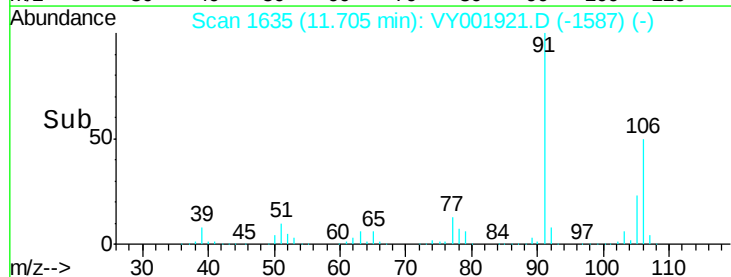
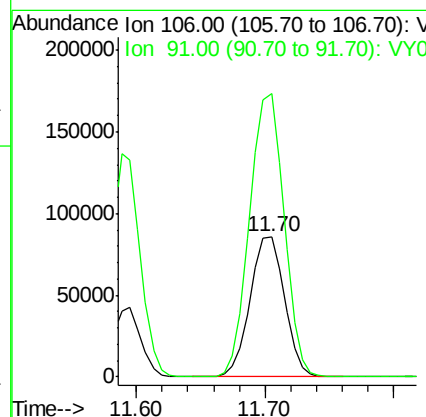
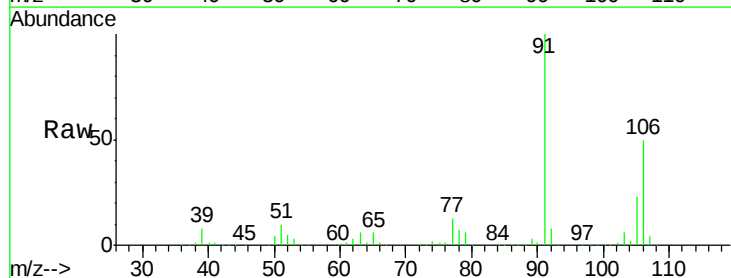
Instrument :
MSVOA_Y
ClientSampled :

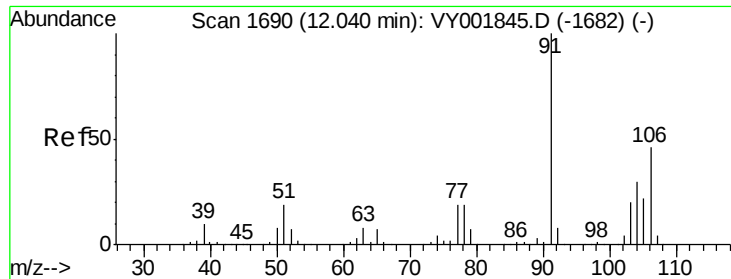
Tot Ion: 91 Resp: 214135
Ion Ratio Lower Upper
91 100
106 29.2 25.4 38.2



#68
m/p-Xylenes
Concen: 40.401 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 106 Resp: 158158
Ion Ratio Lower Upper
106 100
91 202.8 161.3 241.9

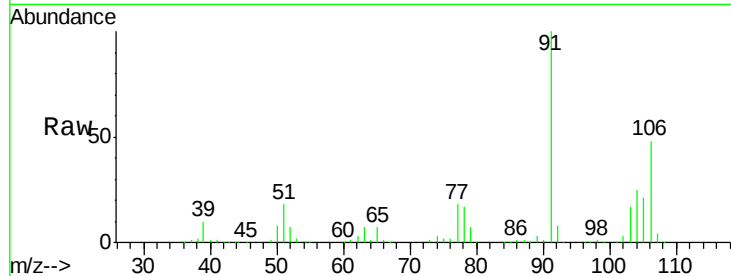




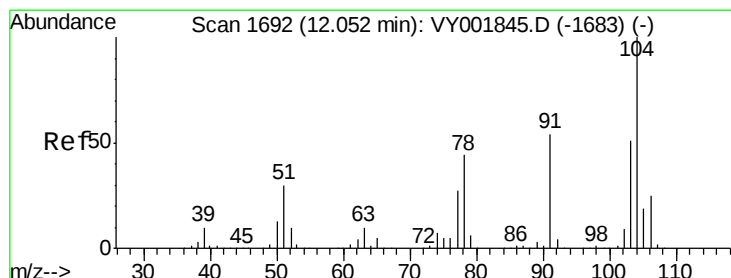
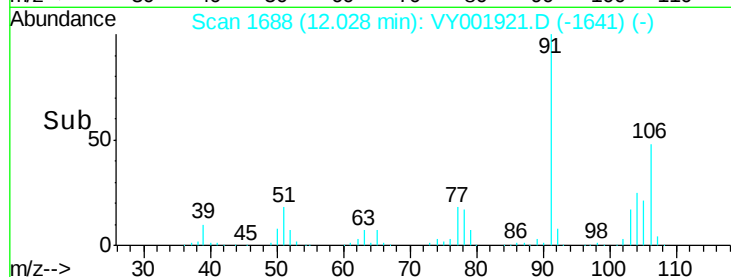
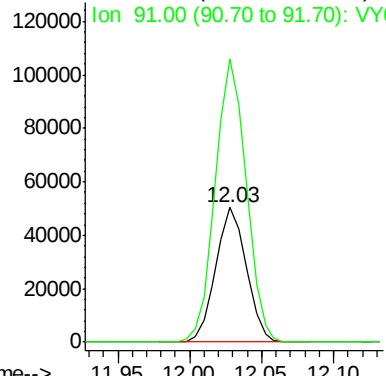
#69
o-Xylene
Concen: 20.230 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 74643
Ion Ratio Lower Upper
106 100
91 211.3 106.8 320.4

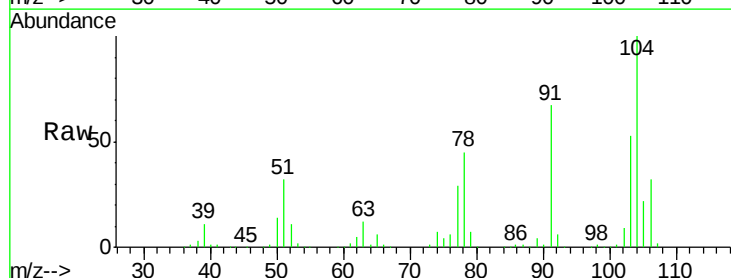


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

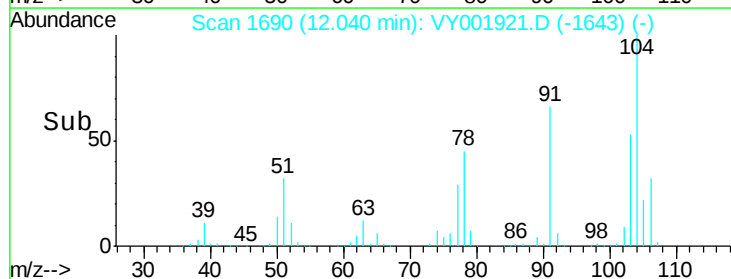
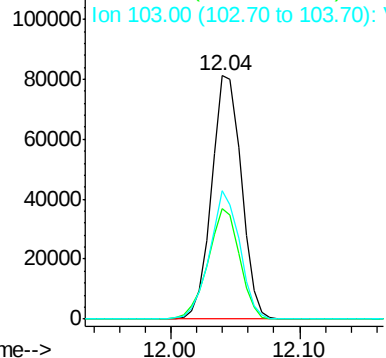


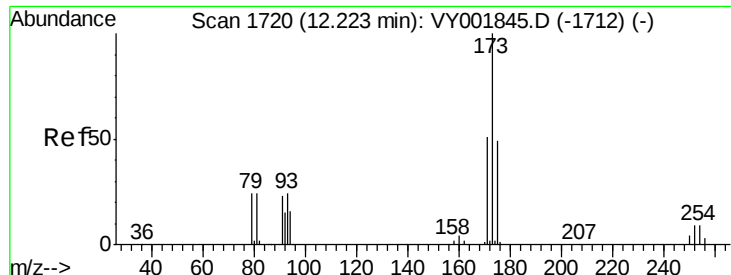
#70
Styrene
Concen: 20.468 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion:104 Resp: 129344
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 53.2 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: 20.436 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.02 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

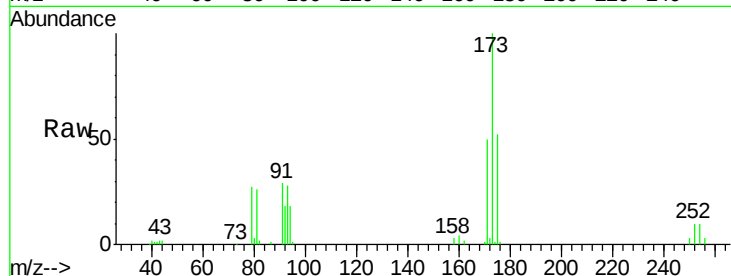
Tot Ion:173 Resp: 20634

Ion Ratio Lower Upper

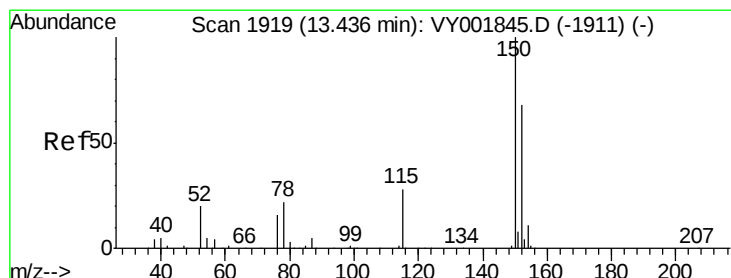
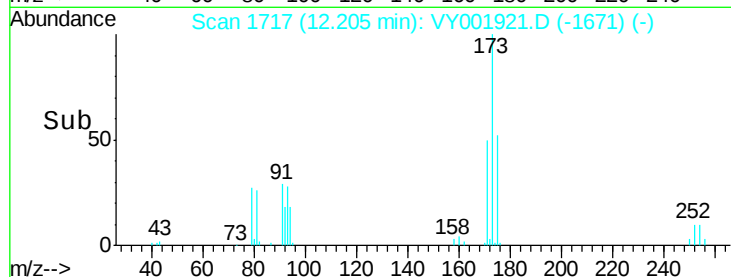
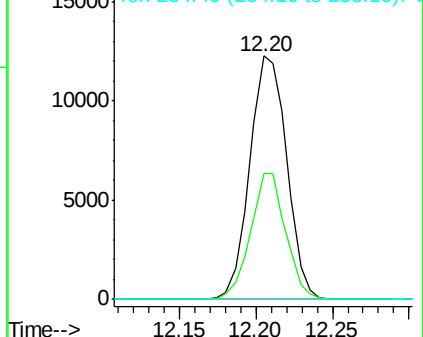
173 100

175 48.9 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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

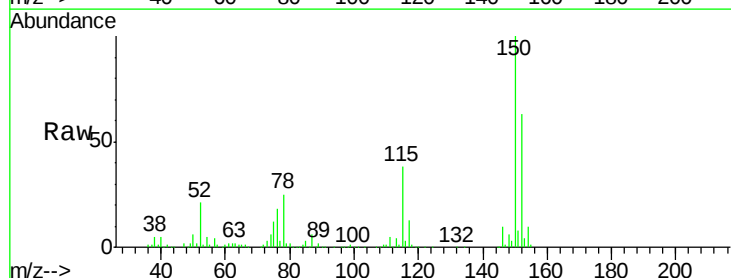
Tgt Ion:152 Resp: 133669

Ion Ratio Lower Upper

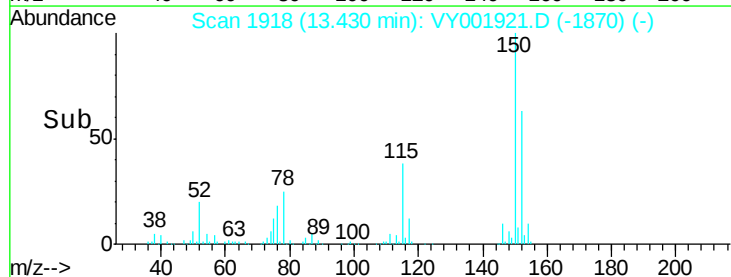
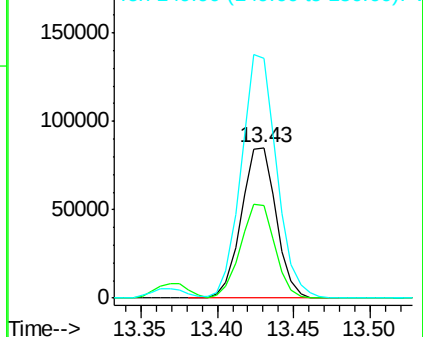
152 100

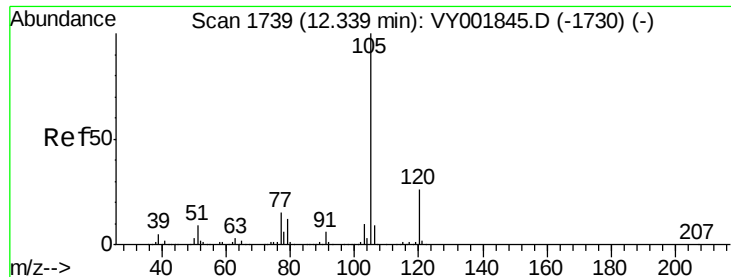
115 61.6 29.9 89.7

150 165.3 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: 19.811 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

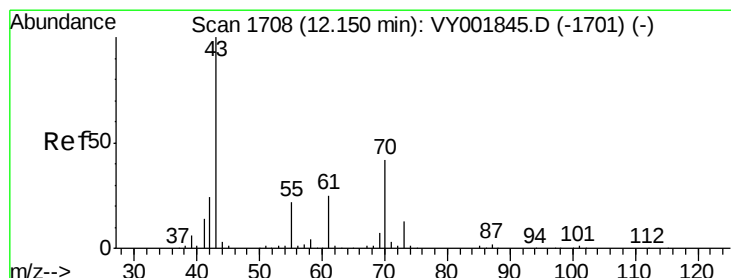
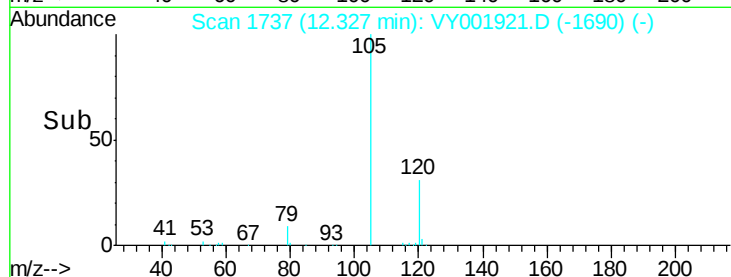
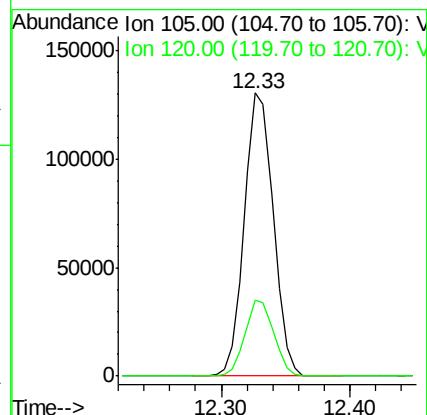
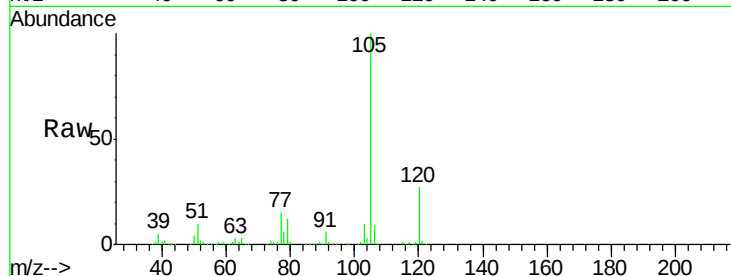
ClientSampled :

Tot Ion:105 Resp: 202148

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



#74

N-ethyl acetate

Concen: 20.829 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Tgt Ion: 43 Resp: 65321

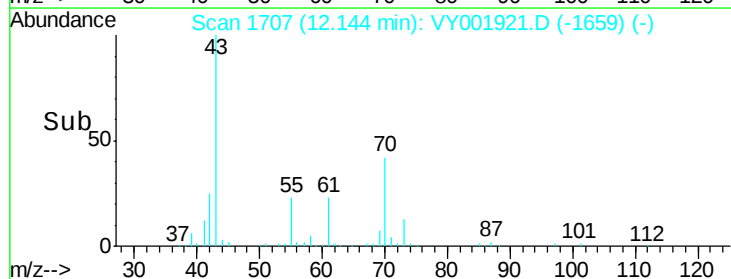
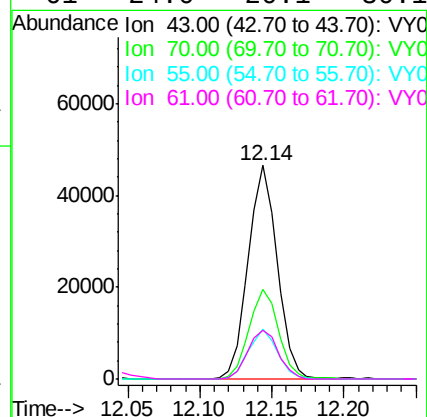
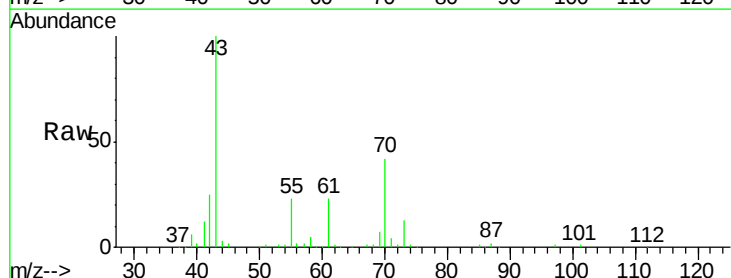
Ion Ratio Lower Upper

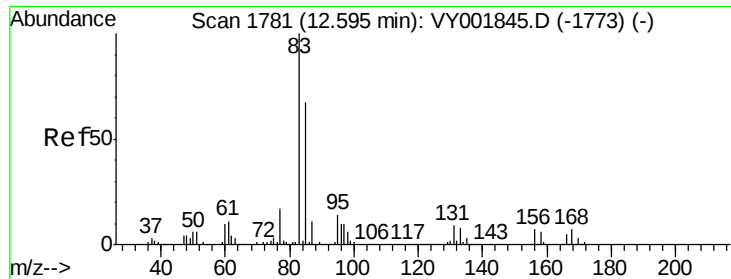
43 100

70 42.5 34.7 52.1

55 23.3 18.2 27.4

61 24.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.158 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

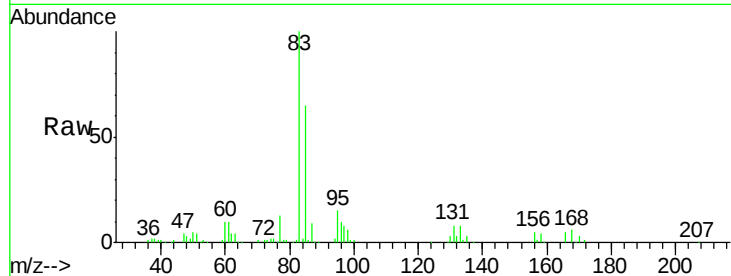
Tot Ion: 83 Resp: 44357

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	66.2	32.1	96.3

83 100

131 9.2 4.6 13.8

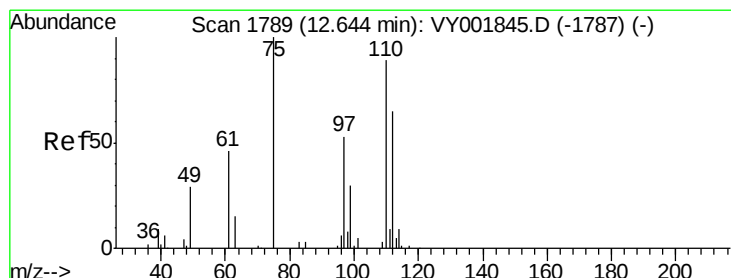
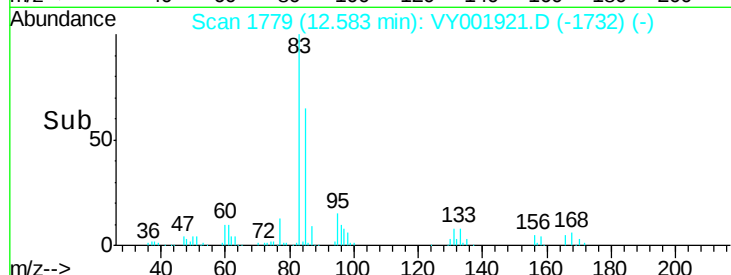
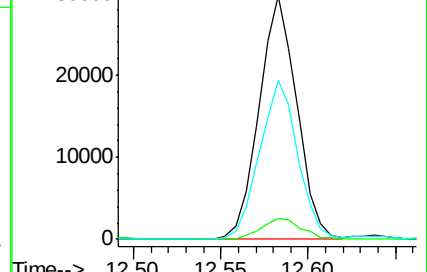
85 66.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.909 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY001921.D

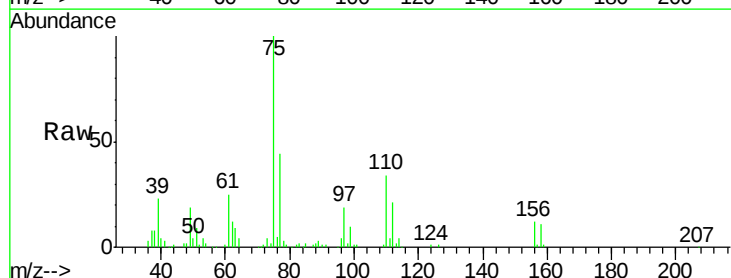
Acq: 10 Mar 2020 14:06

Tgt Ion: 75 Resp: 56954

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

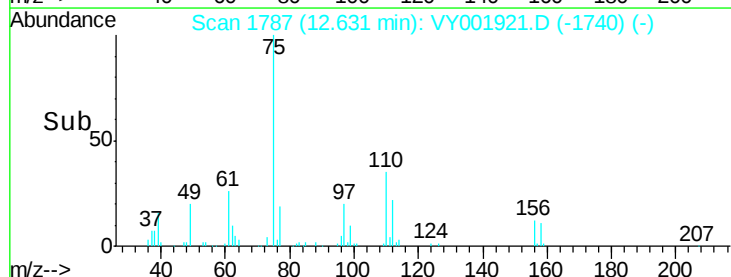
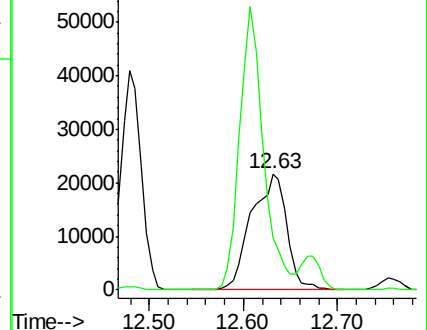
75 100

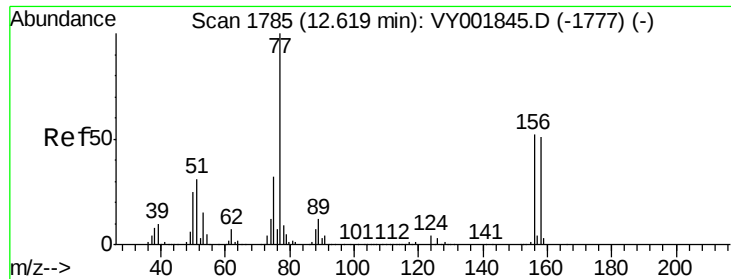
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.352 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampled :

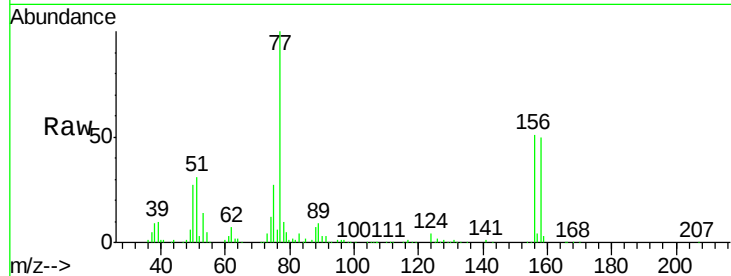
Tot Ion:156 Resp: 43998

Ion Ratio Lower Upper

156 100

77 211.9 109.0 327.0

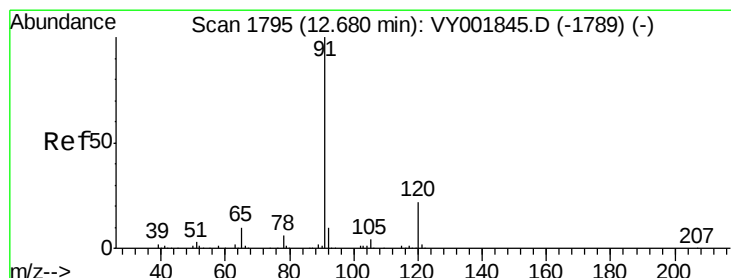
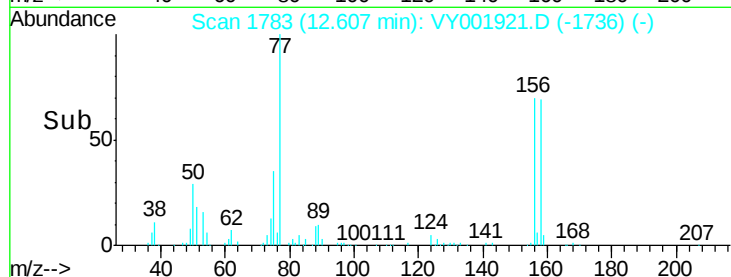
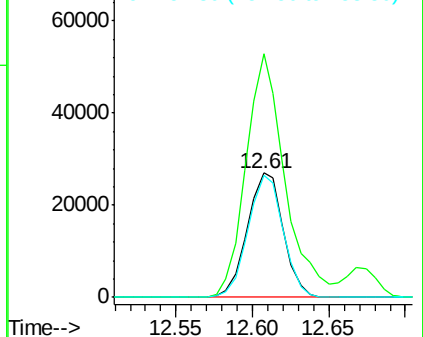
158 96.0 48.9 146.8



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: 19.937 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001921.D

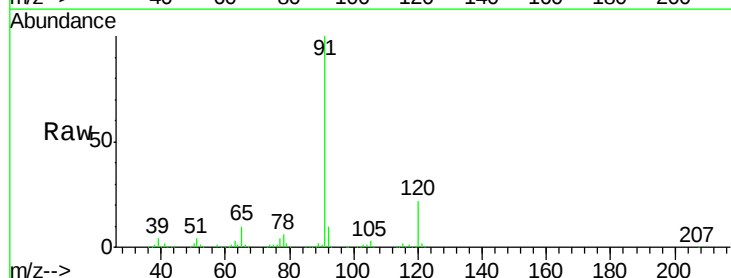
Acq: 10 Mar 2020 14:06

Tgt Ion: 91 Resp: 250976

Ion Ratio Lower Upper

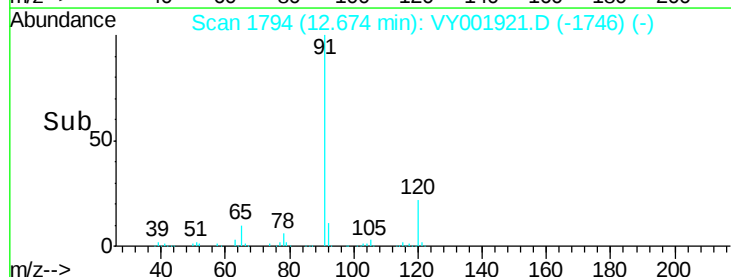
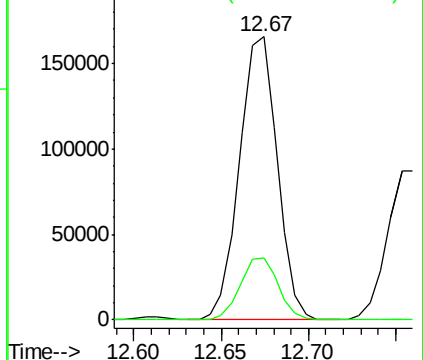
91 100

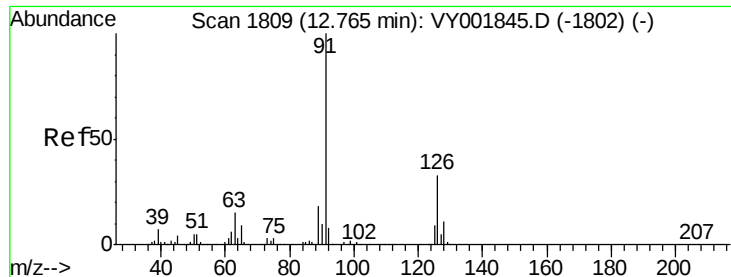
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.970 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

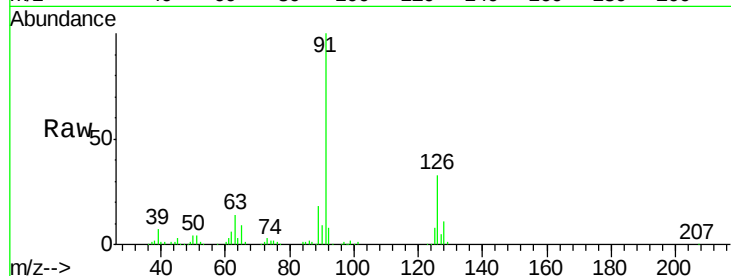
ClientSampleId :

Tot Ion: 91 Resp: 138890

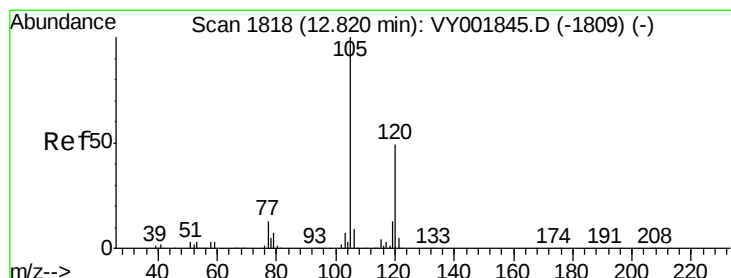
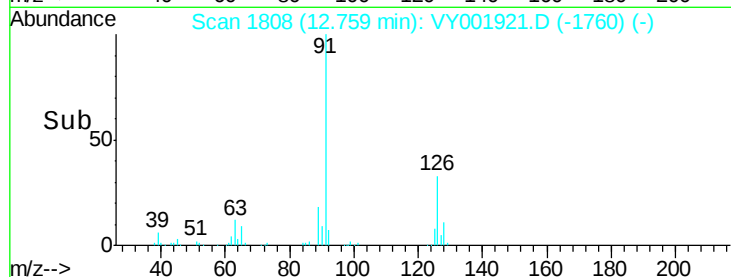
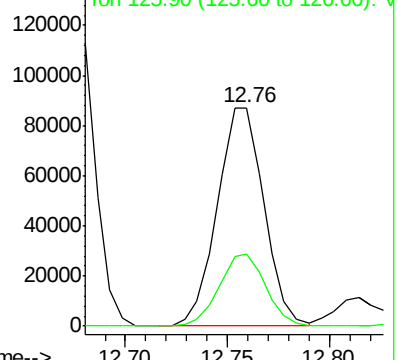
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



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



#80

1,3,5-Trimethylbenzene

Concen: 19.932 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001921.D

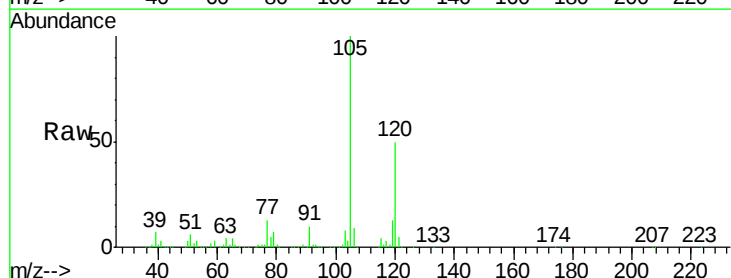
Acq: 10 Mar 2020 14:06

Tgt Ion: 105 Resp: 167439

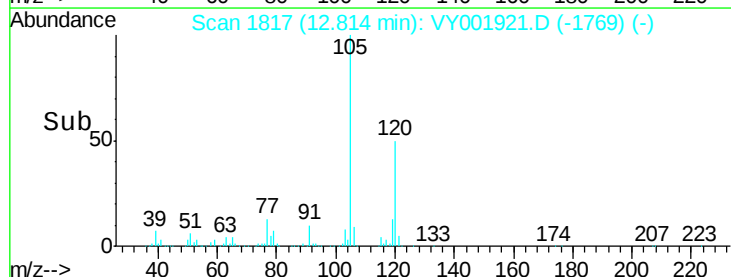
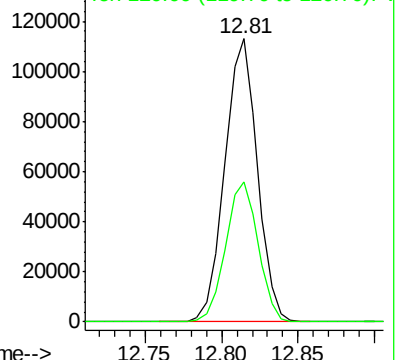
Ion Ratio Lower Upper

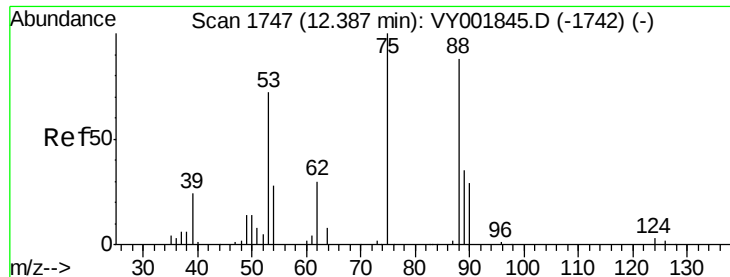
105 100

120 49.4 24.4 73.2



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.718 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampled :

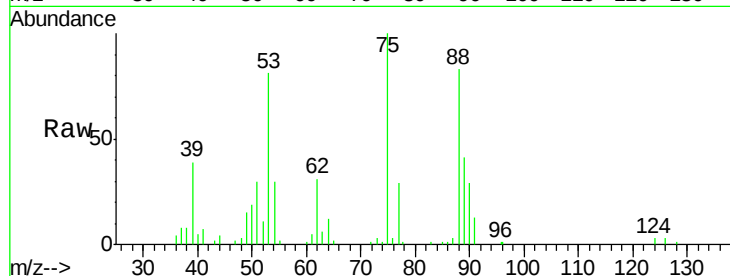
Tot Ion: 75 Resp: 15483

Ion Ratio Lower Upper

75 100

53 87.2 65.4 98.0

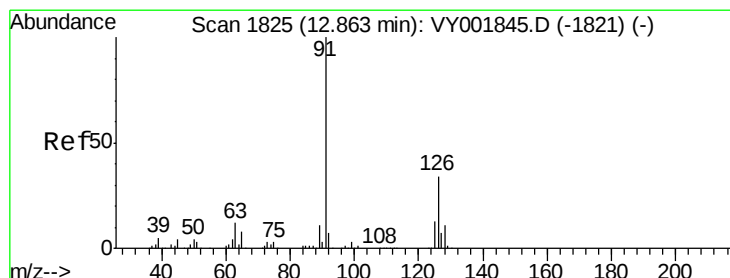
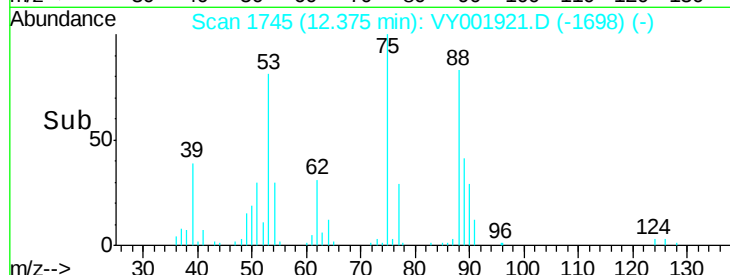
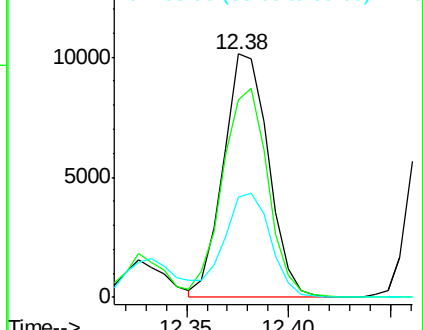
89 43.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.087 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001921.D

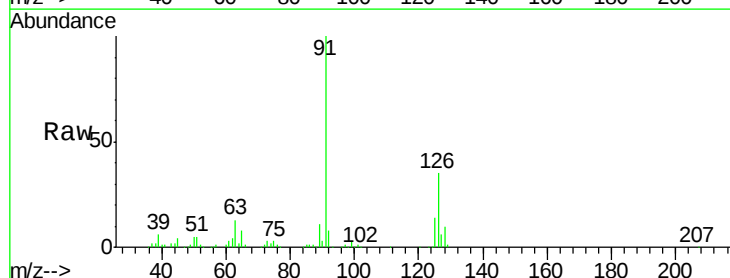
Acq: 10 Mar 2020 14:06

Tgt Ion: 91 Resp: 145460

Ion Ratio Lower Upper

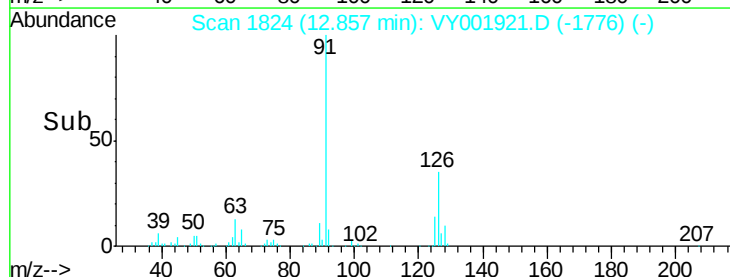
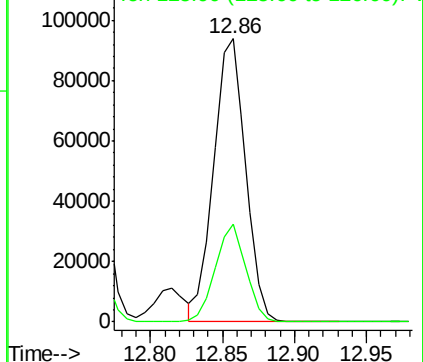
91 100

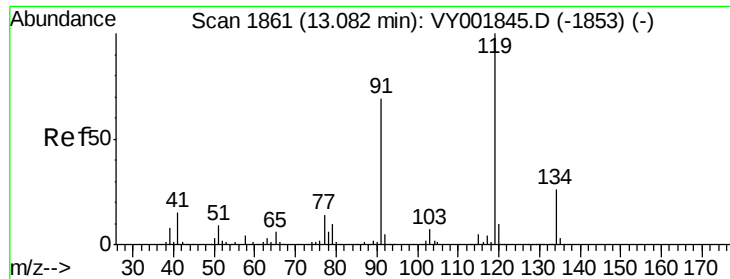
126 33.2 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

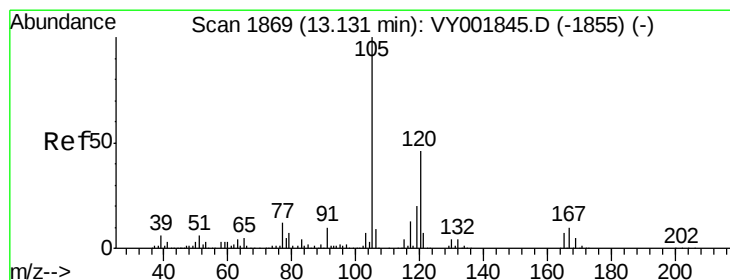
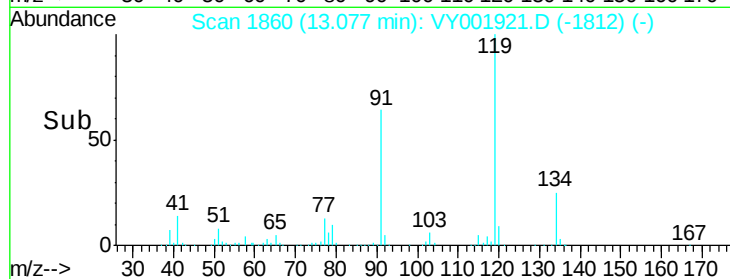
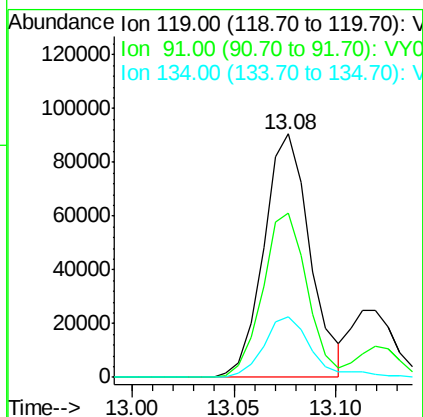
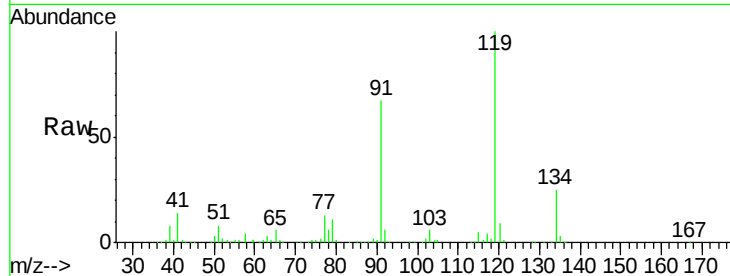




#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

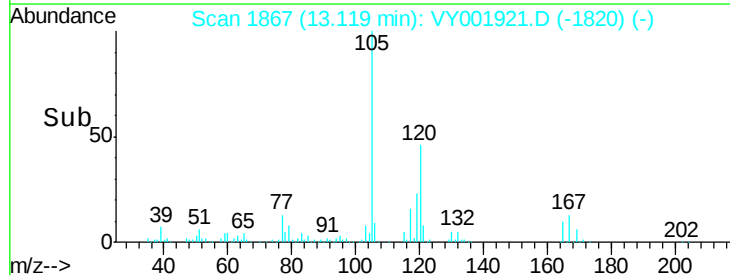
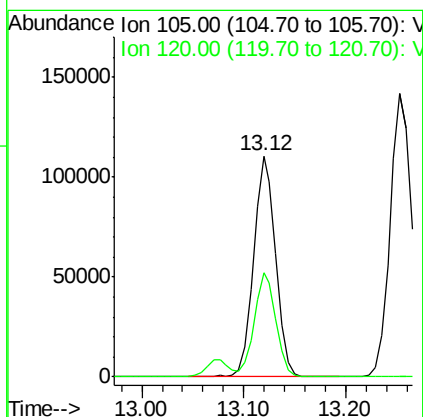
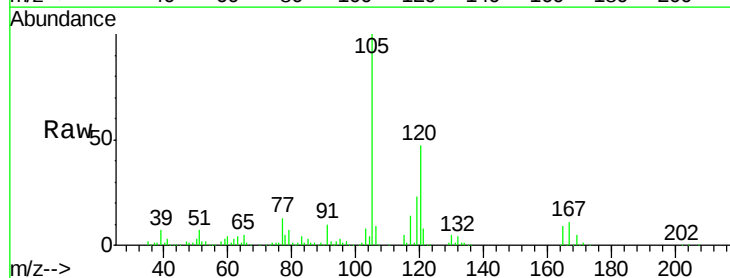
Instrument :
MSVOA_Y
ClientSampleId :

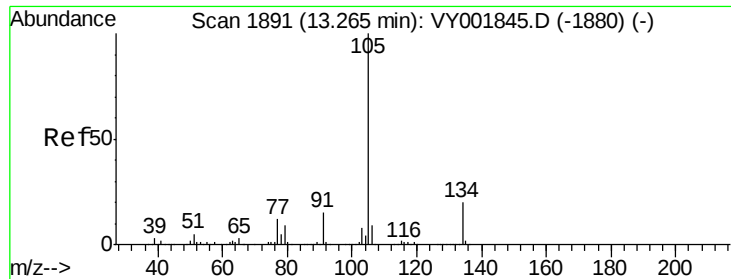
Tot Ion:119 Resp: 142738
Ion Ratio Lower Upper
119 100
91 65.0 34.0 101.8
134 25.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.033 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion:105 Resp: 167009
Ion Ratio Lower Upper
105 100
120 46.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.272 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

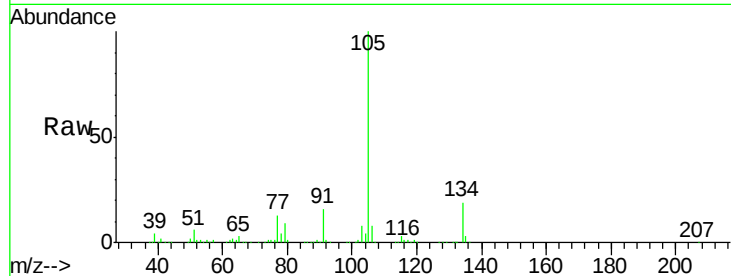
ClientSampleId :

Tot Ion:105 Resp: 208478

Ion Ratio Lower Upper

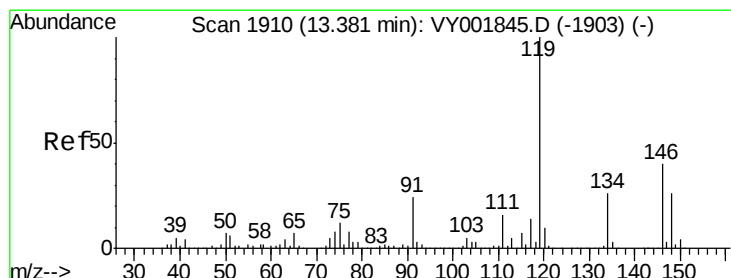
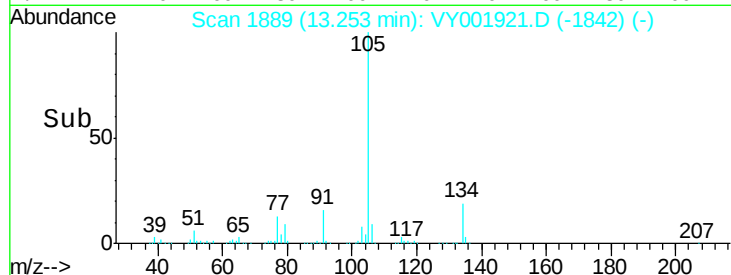
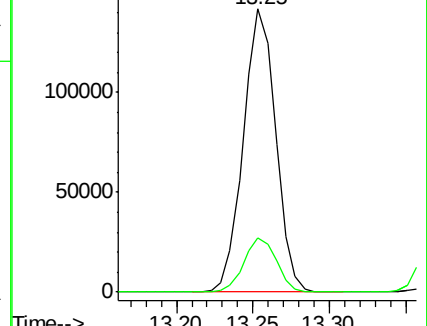
105 100

134 19.3 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: 20.437 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

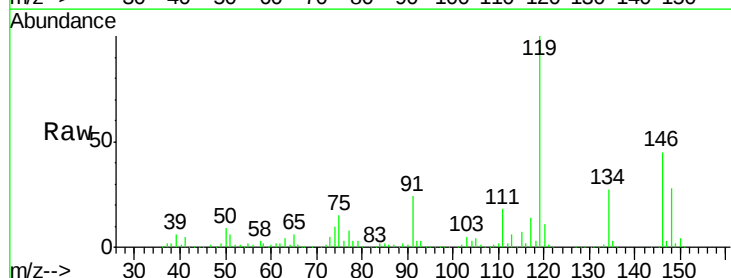
Tgt Ion:119 Resp: 181304

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

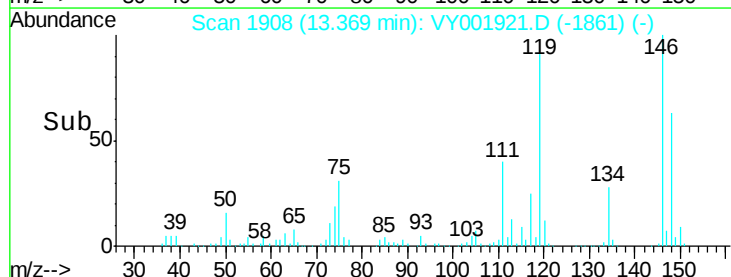
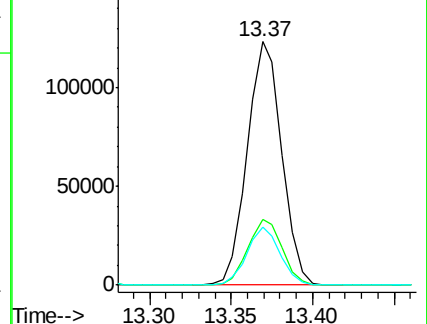
91 23.2 11.9 35.7

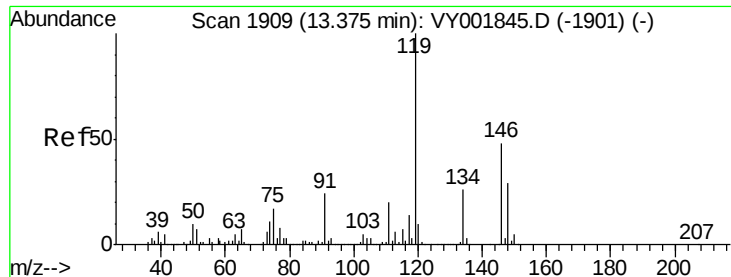


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

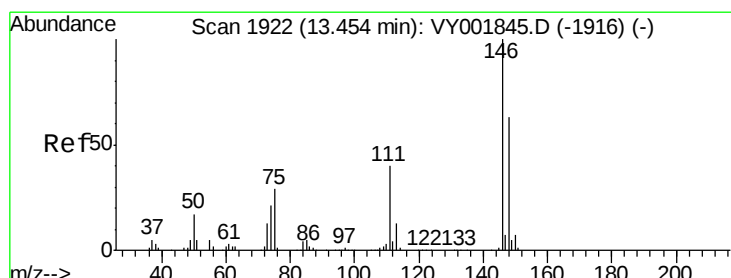
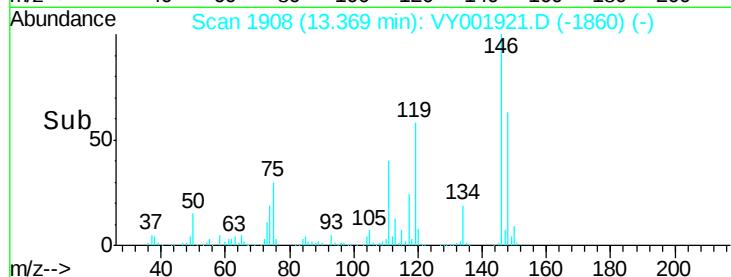
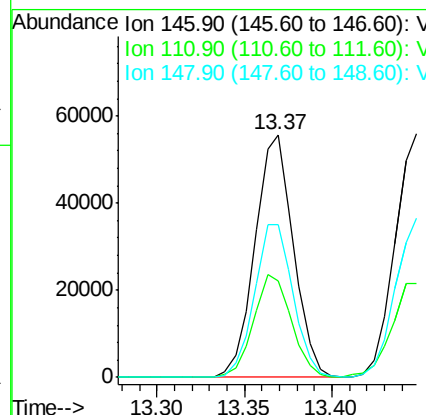
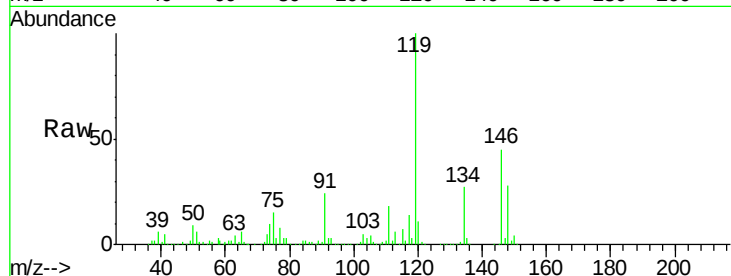




#87
 1,3-Dichlorobenzene
 Concen: 20.187 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

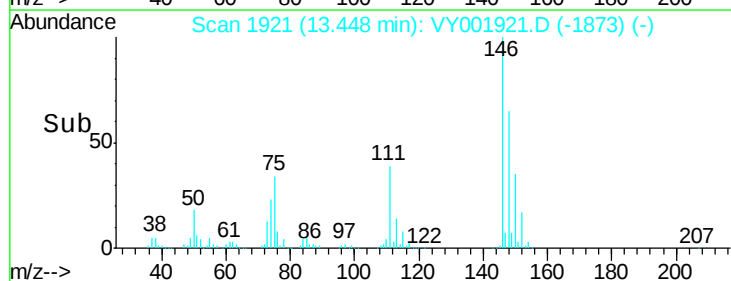
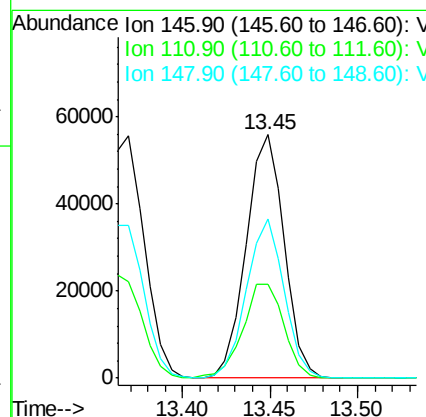
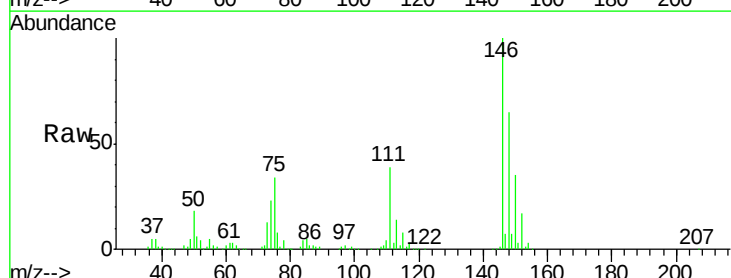
Instrument :
 MSVOA_Y
 ClientSampleId :

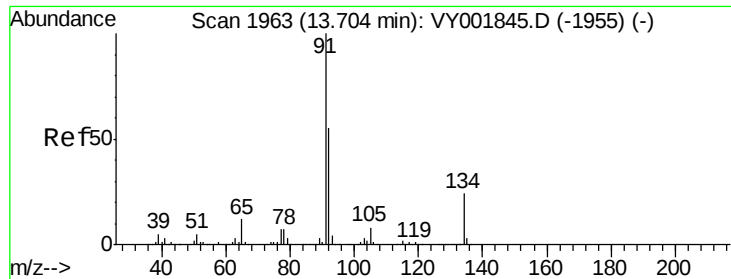
Tot Ion:146 Resp: 85523
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 19.767 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Tgt Ion:146 Resp: 84957
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.0 60.0
 148 64.4 31.5 94.5

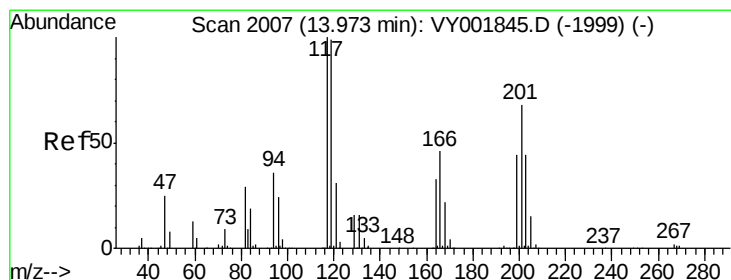
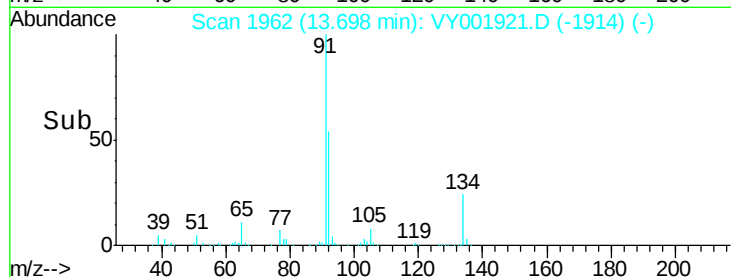
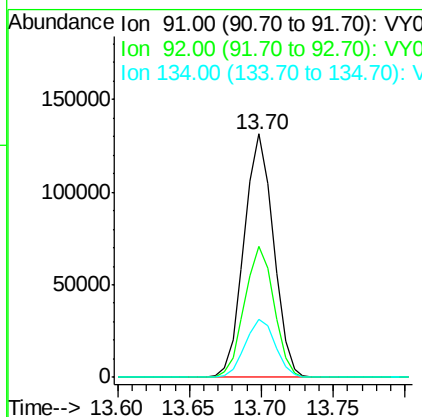
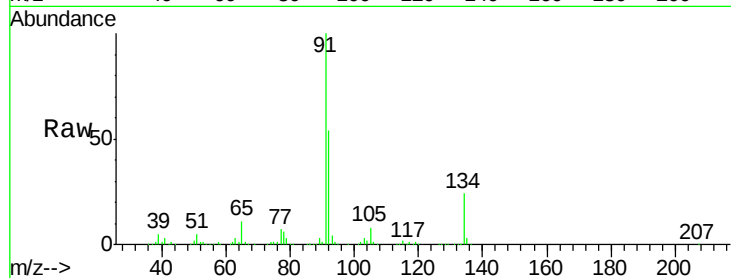




#89
n-Butylbenzene
Concen: 20.205 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

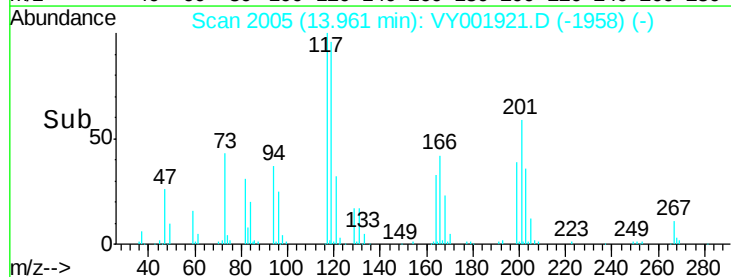
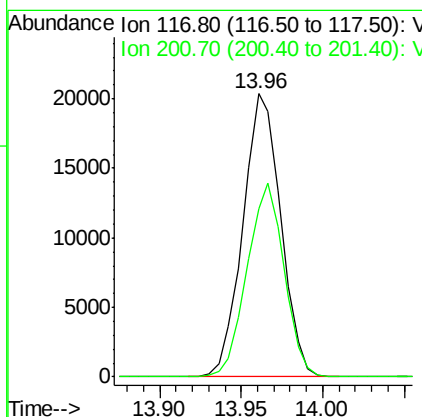
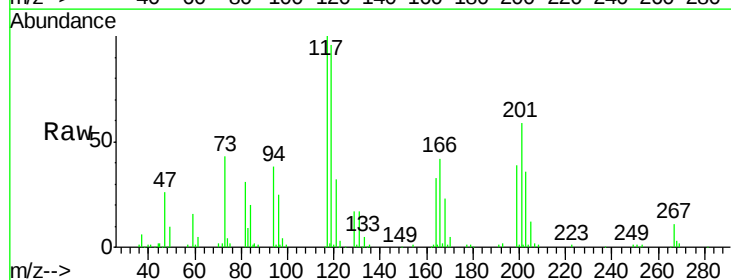
Instrument :
MSVOA_Y
ClientSampleId :

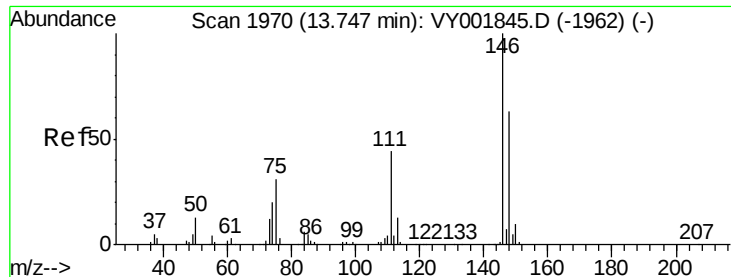
Tot Ion: 91 Resp: 185967
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.4
134 24.5 12.5 37.5



#90
Hexachloroethane
Concen: 19.679 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion: 117 Resp: 32935
Ion Ratio Lower Upper
117 100
201 66.9 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 20.540 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

Instrument :

MSVOA_Y

ClientSampled :

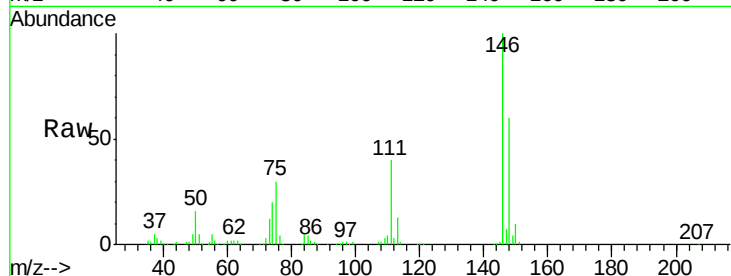
Tot Ion:146 Resp: 79054

Ion Ratio Lower Upper

146 100

111 42.6 21.5 64.5

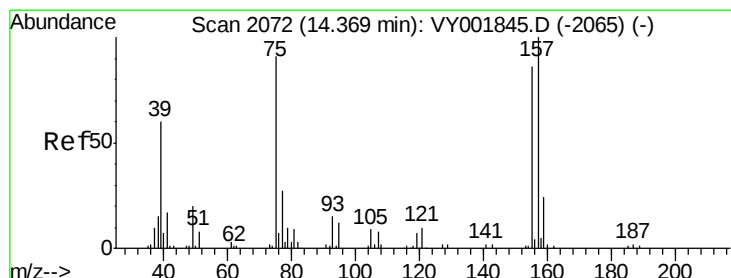
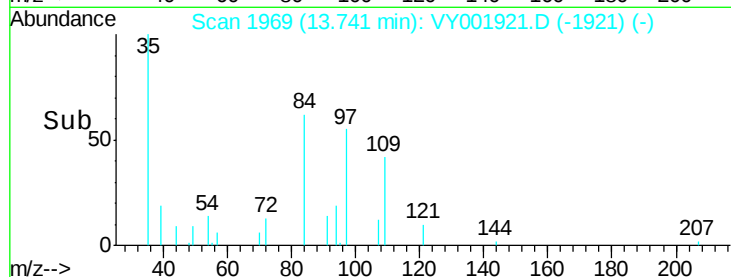
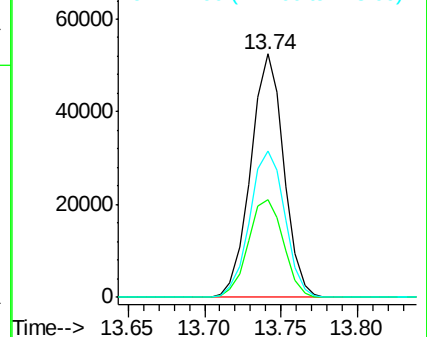
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.401 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY001921.D

Acq: 10 Mar 2020 14:06

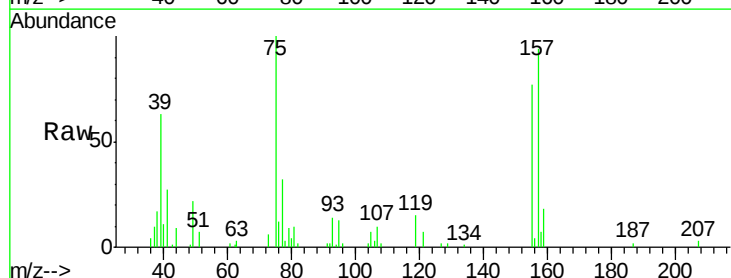
Tgt Ion: 75 Resp: 7005

Ion Ratio Lower Upper

75 100

155 79.1 42.9 128.7

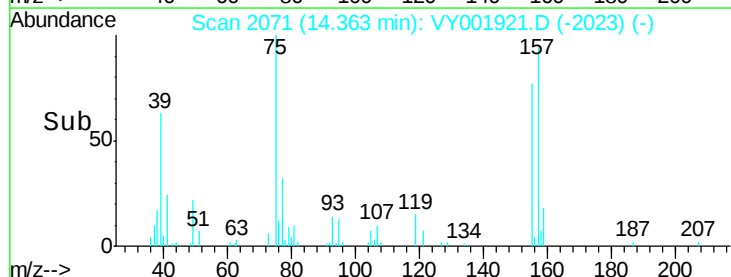
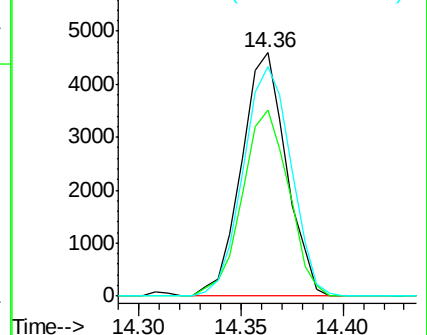
157 100.7 53.1 159.4

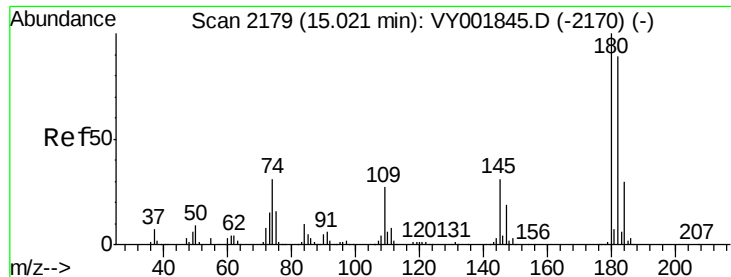


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

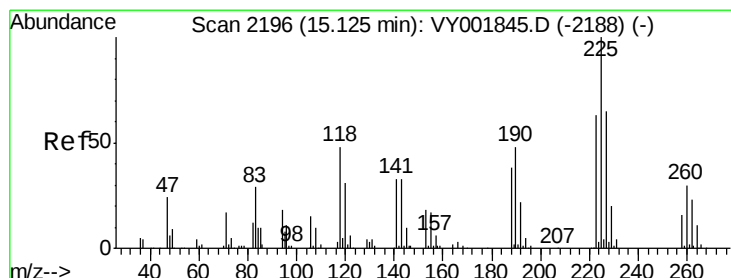
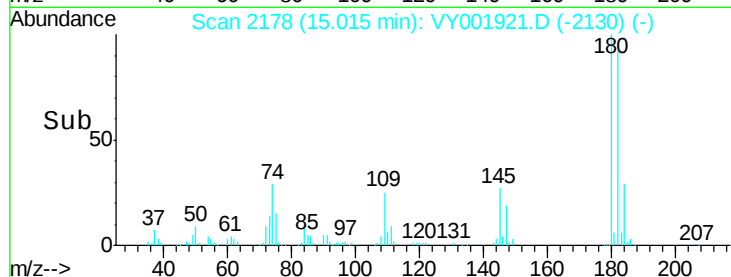
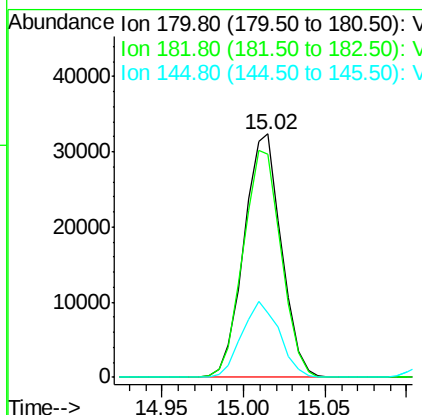
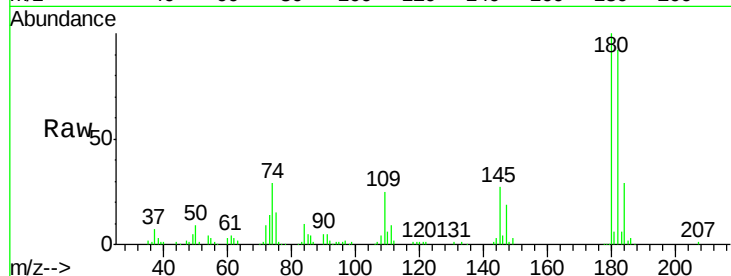




#93
 1,2,4-Trichlorobenzene
 Concen: 20.648 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

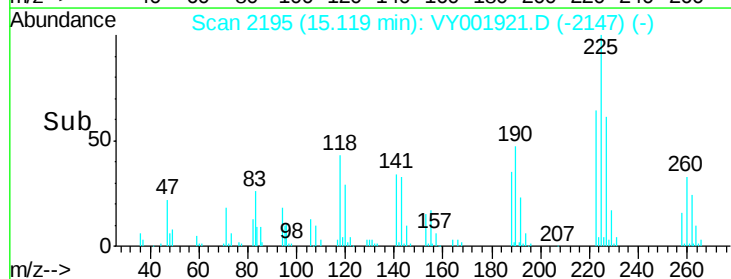
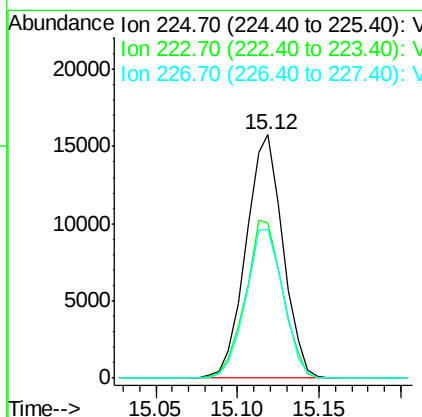
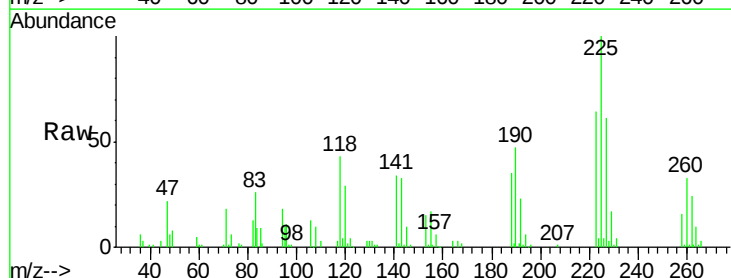
Instrument :
 MSVOA_Y
 ClientSampleId :

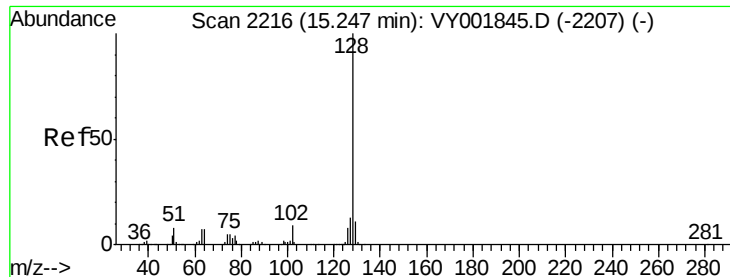
Tot Ion:180 Resp: 51537
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.1 138.3
 145 31.3 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 20.318 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: VY001921.D
 Acq: 10 Mar 2020 14:06

Tgt Ion:225 Resp: 24725
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.5 94.5
 227 62.5 31.9 95.5

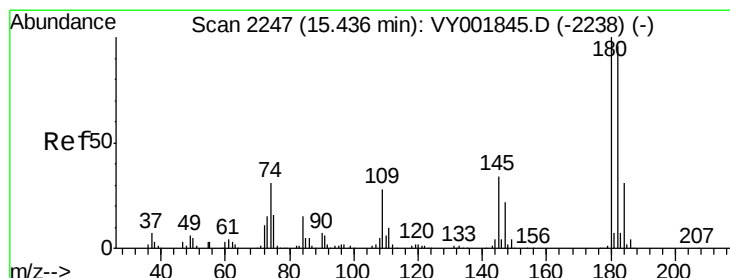
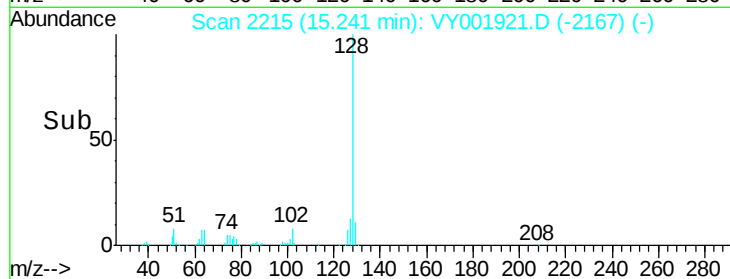
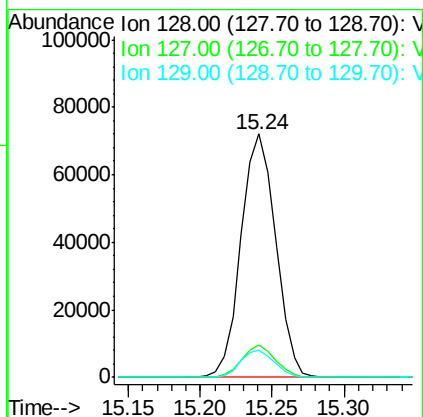
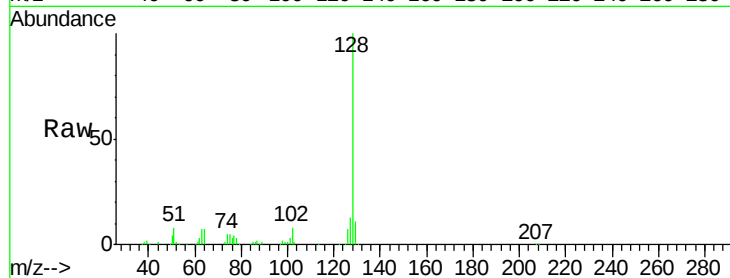




#95
Naphthalene
Concen: 20.268 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 119994
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.972 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY001921.D
Acq: 10 Mar 2020 14:06

Tgt Ion:180 Resp: 46114
Ion Ratio Lower Upper
180 100
182 91.8 47.6 142.9
145 33.5 16.8 50.3

