

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002420.D
 Acq On : 20 Apr 2020 13:33
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 14:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	279228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	433913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	390503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	21256	7.26	ug/l	0.00
Spiked Amount			Recovery	=	14.52%	
35) Dibromofluoromethane	7.74	113	23513	9.28	ug/l	0.00
Spiked Amount			Recovery	=	18.56%	
50) Toluene-d8	10.19	98	98899	9.41	ug/l	0.00
Spiked Amount			Recovery	=	18.82%	
62) 4-Bromofluorobenzene	12.49	95	32807	9.49	ug/l	0.00
Spiked Amount			Recovery	=	18.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	17838	6.646	ug/l	95
3) Chloromethane	2.12	50	23177	6.896	ug/l	97
4) Vinyl Chloride	2.26	62	24564	6.834	ug/l	96
5) Bromomethane	2.66	94	16837	7.589	ug/l	97
6) Chloroethane	2.81	64	15098	7.296	ug/l	97
7) Trichlorofluoromethane	3.14	101	38014	8.022	ug/l	97
8) Diethyl Ether	3.55	74	15157	7.599	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	25090	7.827	ug/l	99
10) Methyl Iodide	4.11	142	30804	8.013	ug/l	98
11) Tert butyl alcohol	4.98	59	13124	33.592	ug/l	100
12) 1,1-Dichloroethene	3.89	96	25948	7.935	ug/l	95
13) Acrolein	3.76	56	10610	27.859	ug/l	98
14) Allyl chloride	4.50	41	30849	6.069	ug/l	97
15) Acrylonitrile	5.19	53	34348	34.151	ug/l	99
16) Acetone	3.96	43	26386	34.064	ug/l	95
17) Carbon Disulfide	4.21	76	76404	7.116	ug/l	97
18) Methyl Acetate	4.50	43	15733	6.620	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	62039	7.346	ug/l	98
20) Methylene Chloride	4.74	84	31834	8.199	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	28415	7.783	ug/l	96
22) Diisopropyl ether	6.14	45	65253	6.393	ug/l	99
23) Vinyl Acetate	6.08	43	202053	30.975	ug/l	99
24) 1,1-Dichloroethane	6.04	63	40803	6.914	ug/l	98
25) 2-Butanone	7.01	43	38745	31.887	ug/l	99
26) 2,2-Dichloropropane	7.00	77	35043	7.033	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	30928	7.785	ug/l	99
28) Bromochloromethane	7.35	49	15966	6.401	ug/l	98
29) Tetrahydrofuran	7.36	42	25538	31.889	ug/l	98
30) Chloroform	7.53	83	41972	7.470	ug/l	93
31) Cyclohexane	7.80	56	43012	6.986	ug/l	# 89
32) 1,1,1-Trichloroethane	7.72	97	37120	7.899	ug/l	99
36) 1,1-Dichloropropene	7.94	75	34084	8.195	ug/l	99
37) Ethyl Acetate	7.10	43	15717	6.745	ug/l	97
38) Carbon Tetrachloride	7.92	117	34171	9.352	ug/l	97

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

39) Methylcyclohexane	9.19	83	47477	8.368	ug/l	100
40) Benzene	8.18	78	105560	8.343	ug/l	98
41) Methacrylonitrile	7.33	41	7739	5.651	ug/l #	36
42) 1,2-Dichloroethane	8.25	62	24828	7.962	ug/l	100
43) Isopropyl Acetate	8.29	43	30068	7.088	ug/l	99
44) Trichloroethene	8.96	130	35849	9.398	ug/l	100
45) 1,2-Dichloropropane	9.23	63	24433	7.887	ug/l	95
46) Dibromomethane	9.32	93	14357	8.701	ug/l	99
47) Bromodichloromethane	9.51	83	31837	8.431	ug/l	98
48) Methyl methacrylate	9.30	41	13160	6.909	ug/l	95
49) 1,4-Dioxane	9.32	88	4449	189.646	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	80064	36.078	ug/l	100
52) Toluene	10.25	92	67669	8.828	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	34086	8.323	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	40576	8.247	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	21849	9.030	ug/l	98
56) Ethyl methacrylate	10.52	69	26931	7.916	ug/l	99
57) 1,3-Dichloropropane	10.80	76	35214	8.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	69745	39.511	ug/l	99
59) 2-Hexanone	10.84	43	57318	37.243	ug/l	96
60) Dibromochloromethane	10.99	129	25667	9.758	ug/l	99
61) 1,2-Dibromoethane	11.10	107	20562	8.873	ug/l	97
64) Tetrachloroethene	10.73	164	43017	10.754	ug/l	98
65) Chlorobenzene	11.53	112	75527	9.394	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	26376	9.855	ug/l	99
67) Ethyl Benzene	11.60	91	129248	8.870	ug/l	99
68) m/p-Xylenes	11.71	106	101034	18.394	ug/l	98
69) o-Xylene	12.04	106	47821	9.274	ug/l	97
70) Styrene	12.05	104	82268	9.209	ug/l	99
71) Bromoform	12.22	173	16275	10.964	ug/l #	98
73) Isopropylbenzene	12.34	105	128981	8.541	ug/l	99
74) N-amyl acetate	12.15	43	27240	6.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	15652	8.551	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	32135	14.629	ug/l #	100
77) Bromobenzene	12.62	156	32368	9.538	ug/l	99
78) n-propylbenzene	12.68	91	150183	8.045	ug/l	100
79) 2-Chlorotoluene	12.77	91	83303	8.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	105825	8.479	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	8461	7.475	ug/l	97
82) 4-Chlorotoluene	12.86	91	86760	8.155	ug/l #	100
83) tert-Butylbenzene	13.08	119	92562	8.820	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	106174	8.513	ug/l	100
85) sec-Butylbenzene	13.26	105	131500	8.432	ug/l	100
86) p-Isopropyltoluene	13.38	119	120140	8.900	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	62444	9.546	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	62023	9.329	ug/l	97
89) n-Butylbenzene	13.70	91	110302	8.065	ug/l	99
90) Hexachloroethane	13.97	117	21867	8.518	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	57358	9.648	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3595	8.185	ug/l	95

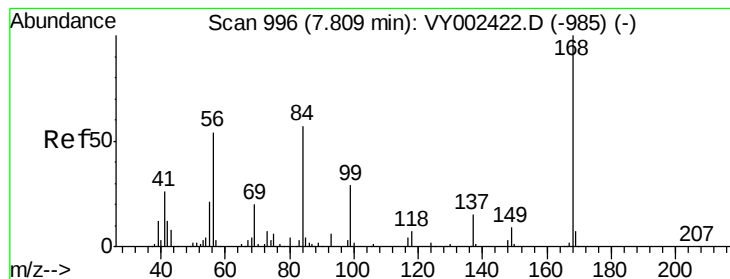
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	40167	10.154	ug/l	99
94) Hexachlorobutadiene	15.12	225	21686	10.757	ug/l	99
95) Naphthalene	15.25	128	76122	8.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	35214	10.256	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

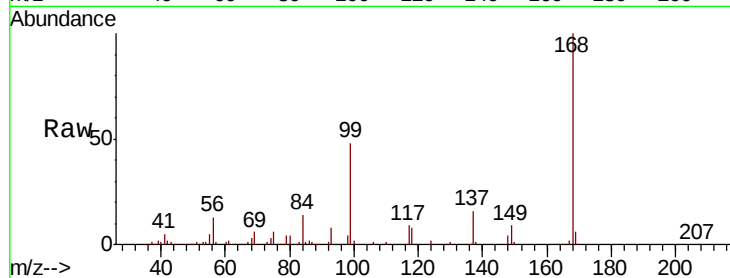
ClientSampleId :

Tot Ion:168 Resp: 279228

Ion Ratio Lower Upper

168 100

99 47.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.81

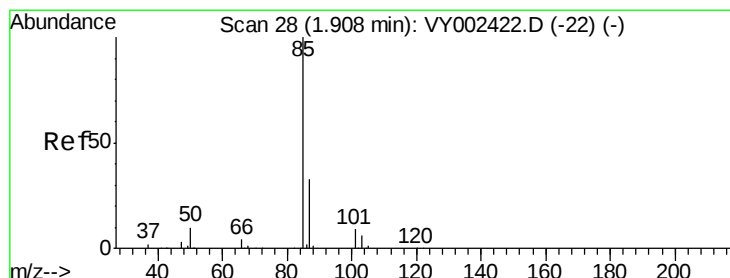
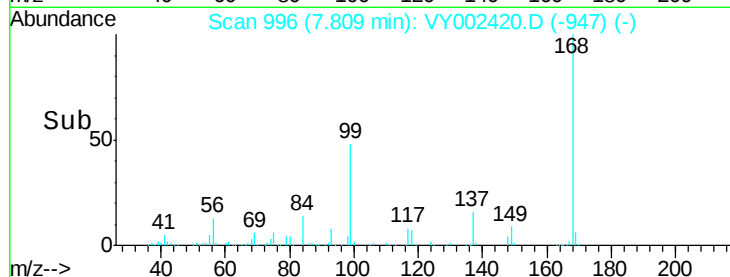
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 6.646 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002420.D

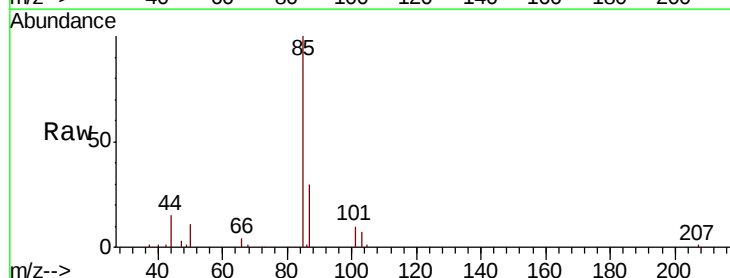
Acq: 20 Apr 2020 13:33

Tgt Ion: 85 Resp: 17838

Ion Ratio Lower Upper

85 100

87 30.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002422.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002422.D (-22) (-)

1.91

15000

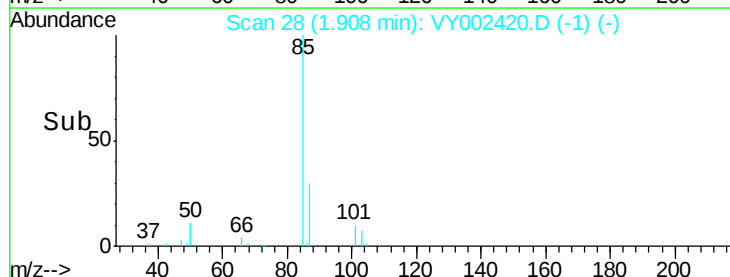
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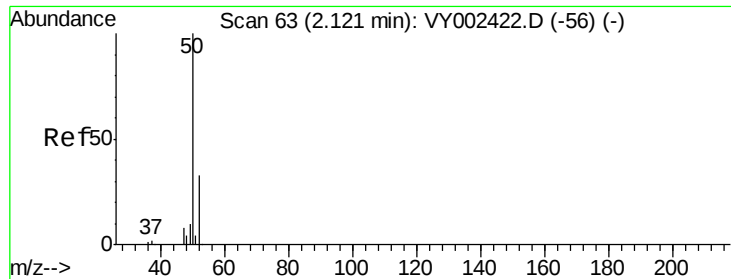
5000

0

1.85 1.90 1.95 2.00

Time-->

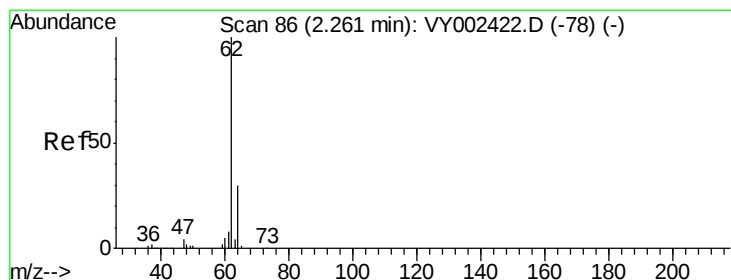
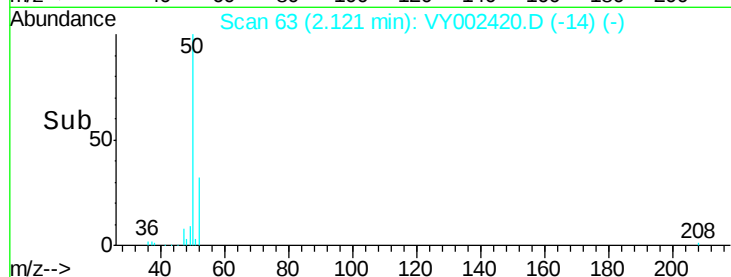
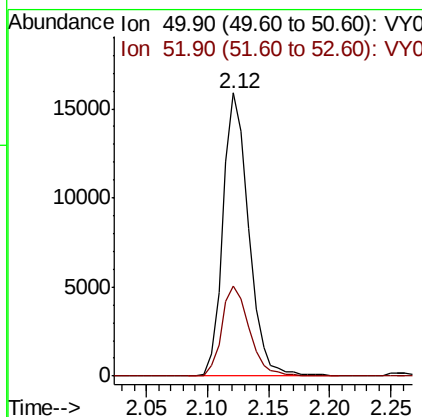
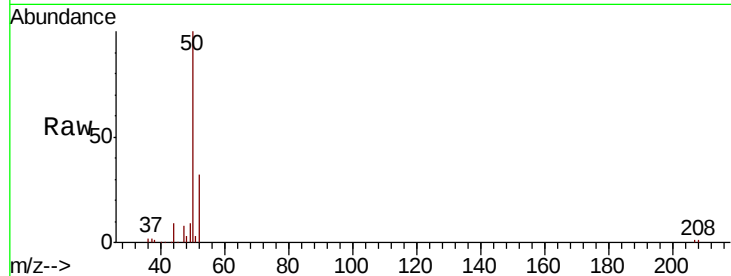




#3
 Chloromethane
 Concen: 6.896 ug/l
 RT: 2.12 min Scan# 63
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

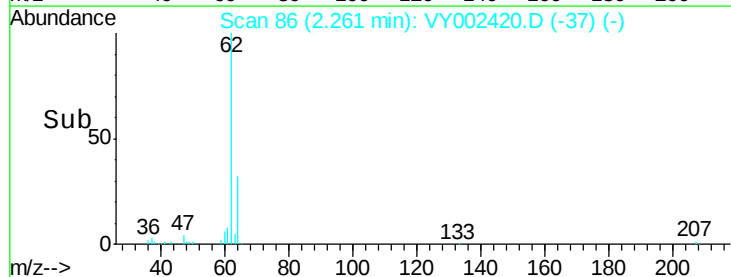
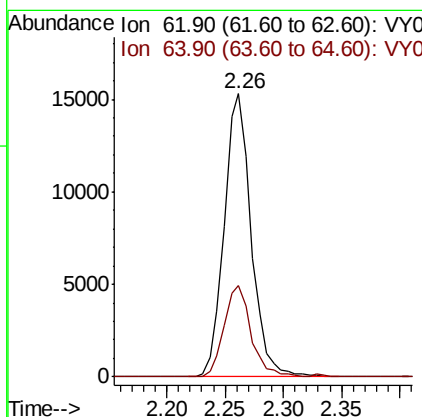
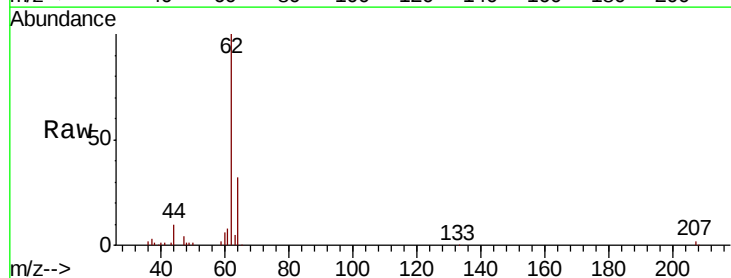
Instrument :
 MSVOA_Y
 ClientSampleId :

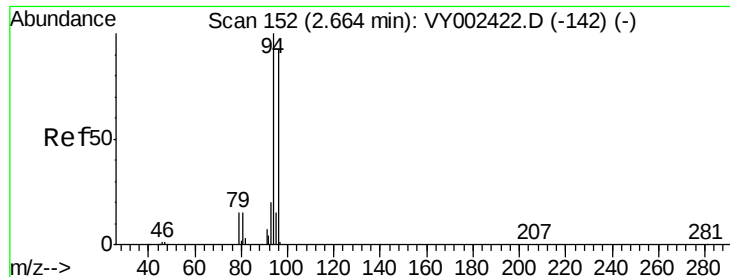
Tot Ion: 50 Resp: 23177
 Ion Ratio Lower Upper
 50 100
 52 31.7 26.7 40.1



#4
 Vinyl Chloride
 Concen: 6.834 ug/l
 RT: 2.26 min Scan# 86
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 62 Resp: 24564
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.1 36.1





#5

Bromomethane

Concen: 7.589 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

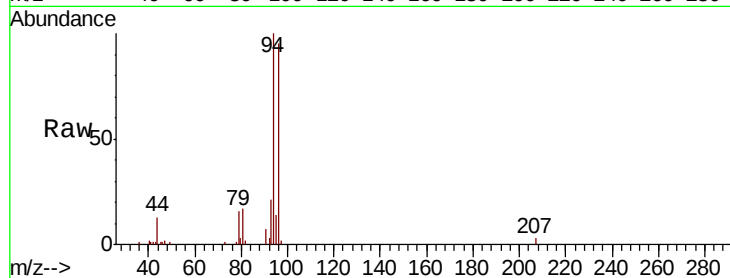
ClientSampleId :

Tot Ion: 94 Resp: 16837

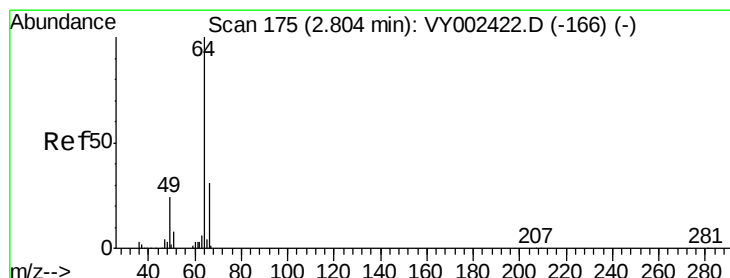
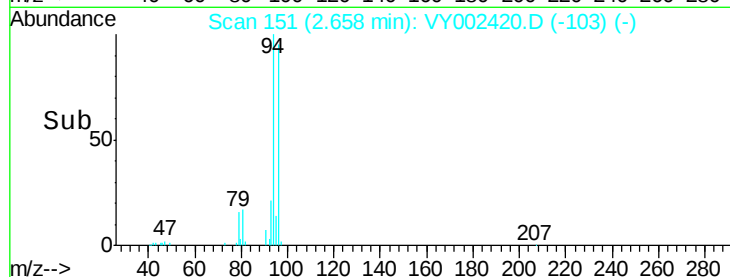
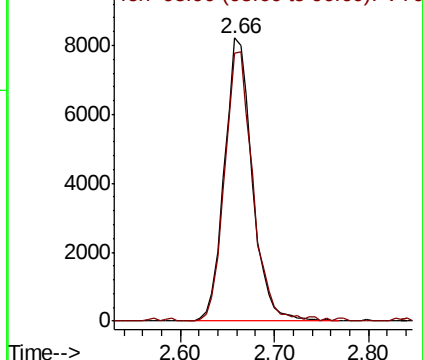
Ion Ratio Lower Upper

94 100

96 94.6 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 7.296 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002420.D

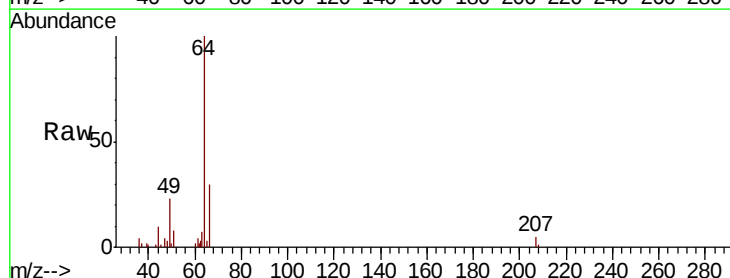
Acq: 20 Apr 2020 13:33

Tgt Ion: 64 Resp: 15098

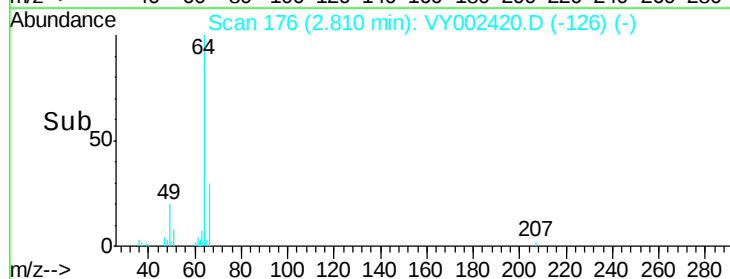
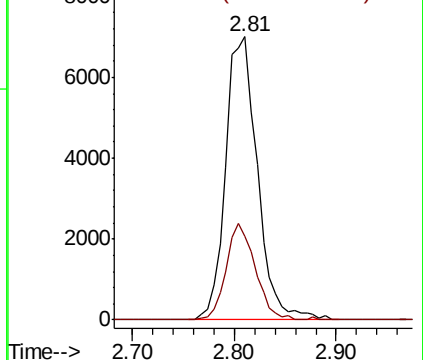
Ion Ratio Lower Upper

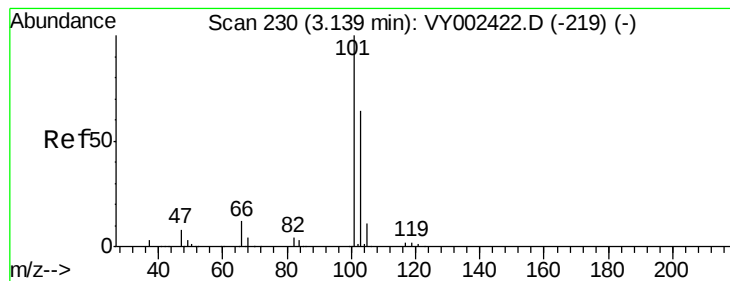
64 100

66 29.7 25.0 37.6



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



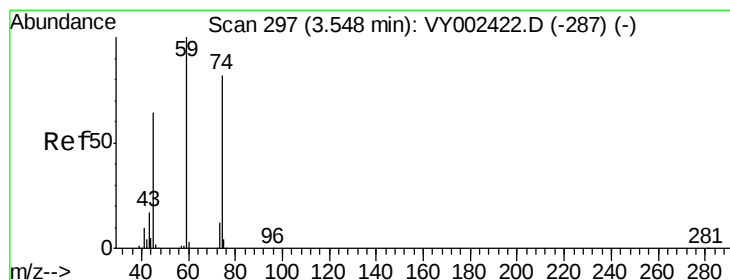
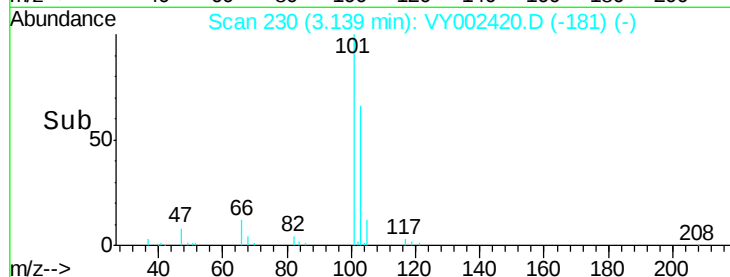
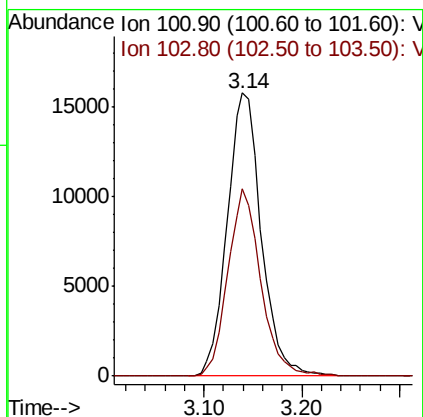
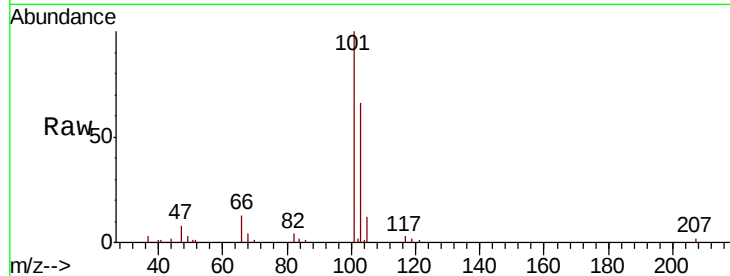


#7

Trichlorofluoromethane
 Concen: 8.022 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :

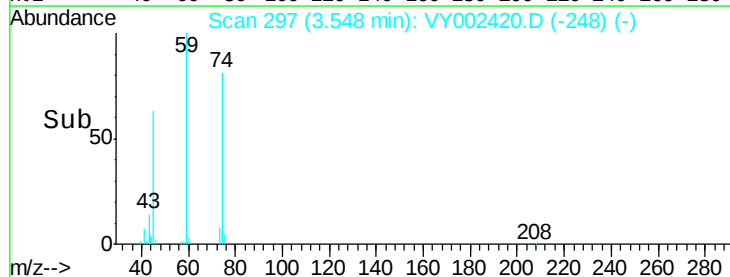
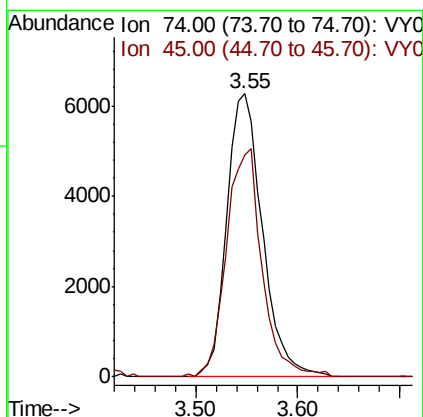
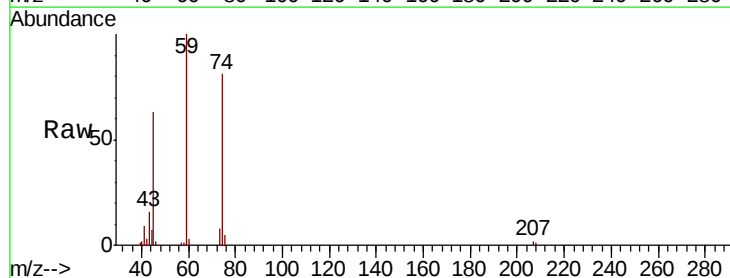
Tot Ion:101 Resp: 38014
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.8 76.2

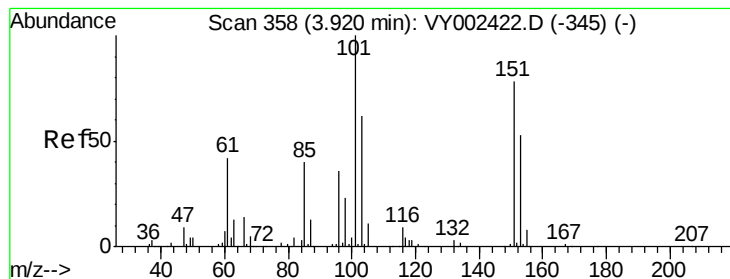


#8

Diethyl Ether
 Concen: 7.599 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 74 Resp: 15157
 Ion Ratio Lower Upper
 74 100
 45 80.4 39.5 118.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.827 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

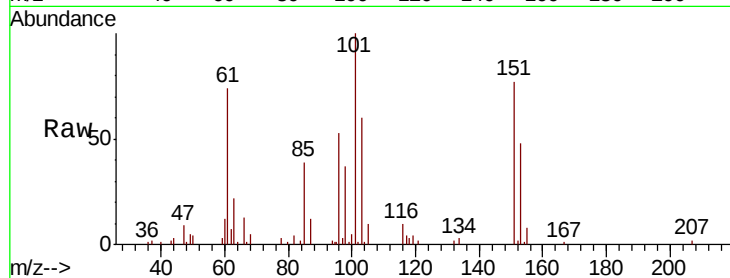
Tot Ion:101 Resp: 25090

Ion Ratio Lower Upper

101 100

85 40.5 32.2 48.4

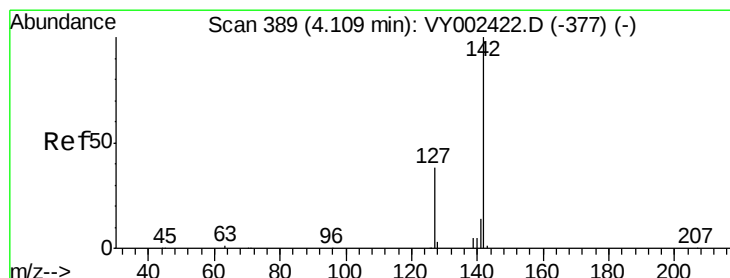
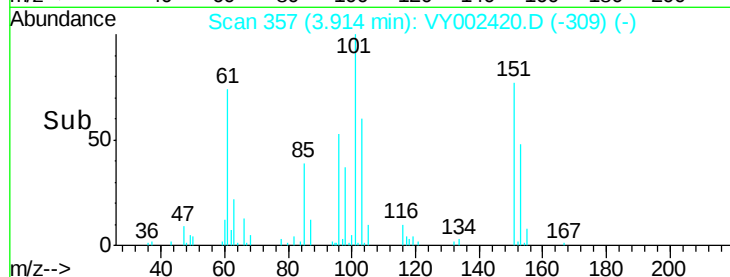
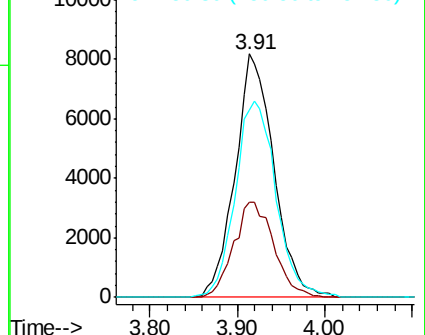
151 84.9 67.3 100.9



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: 8.013 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

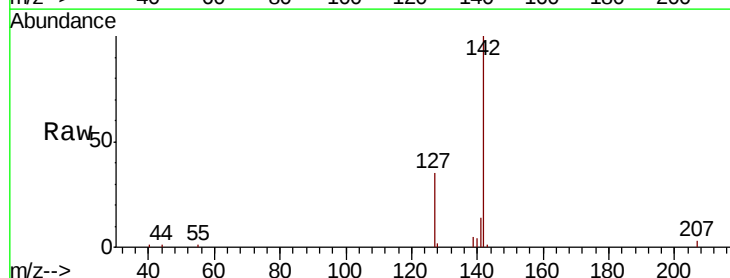
Tgt Ion:142 Resp: 30804

Ion Ratio Lower Upper

142 100

127 37.1 30.7 46.1

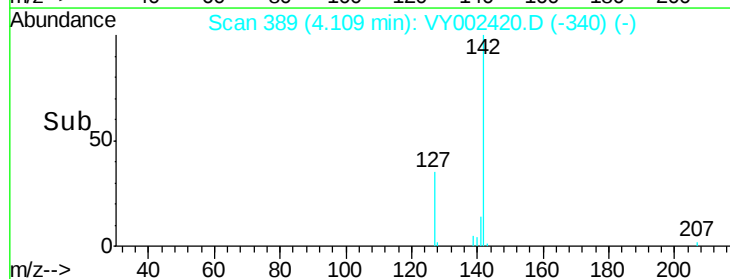
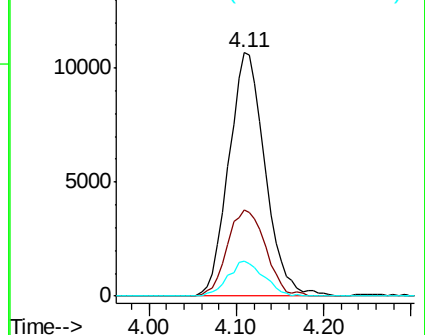
141 14.1 11.4 17.2

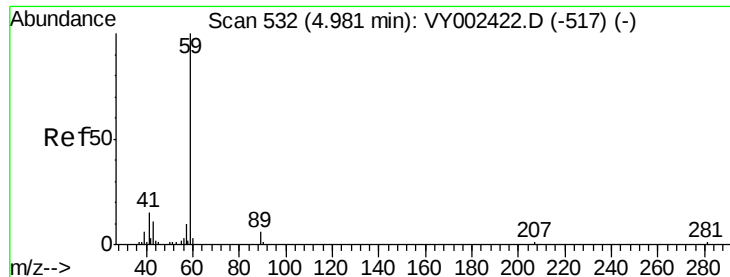


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

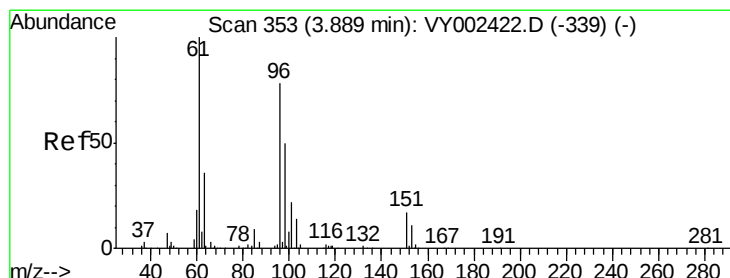
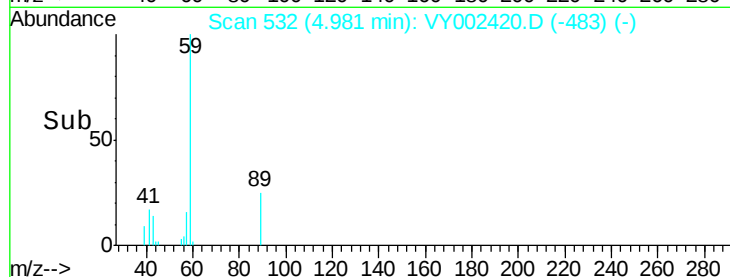
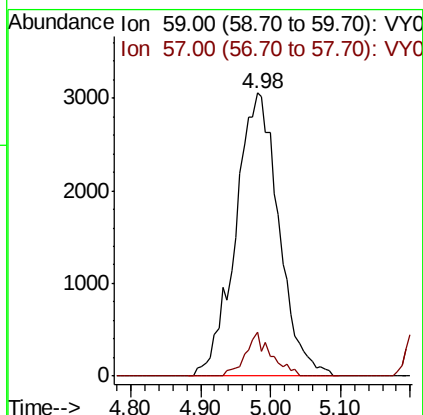
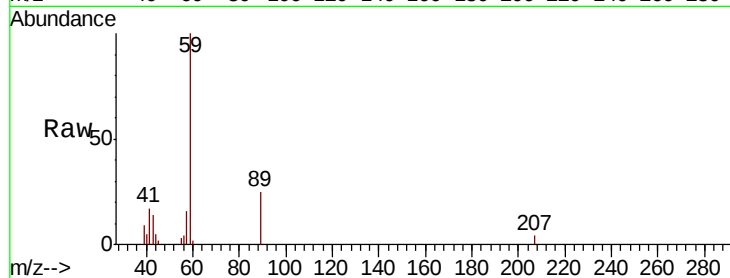




#11
Tert butyl alcohol
Concen: 33.592 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

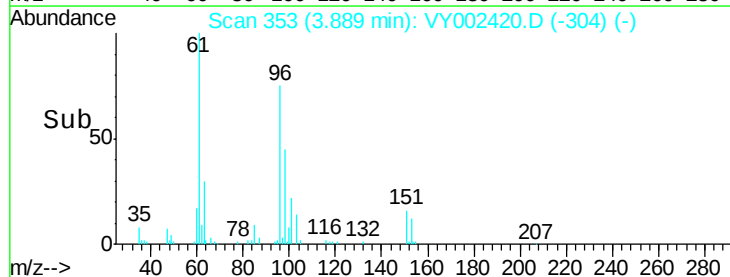
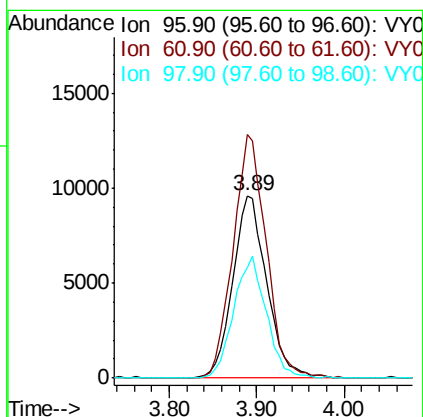
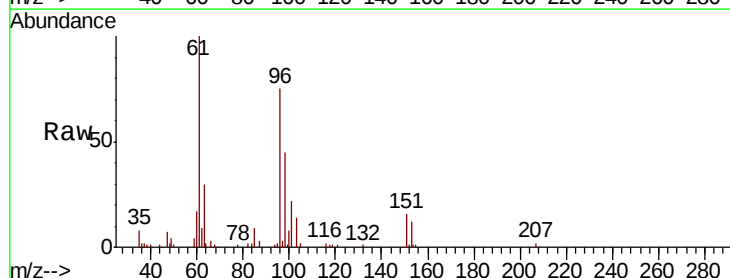
Instrument :
MSVOA_Y
ClientSampled :

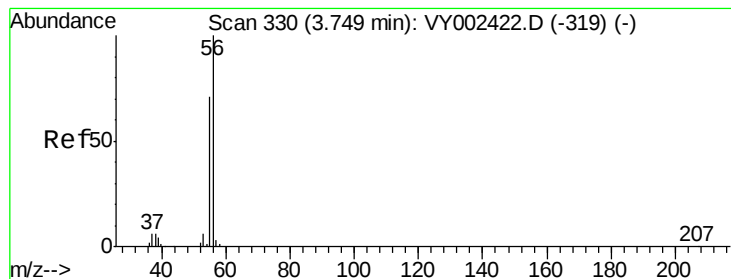
Tot Ion: 59 Resp: 13124
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2



#12
1,1-Dichloroethene
Concen: 7.935 ug/l
RT: 3.89 min Scan# 353
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 96 Resp: 25948
Ion Ratio Lower Upper
96 100
61 133.4 102.1 153.1
98 60.4 51.3 76.9





#13

Acrolein

Concen: 27.859 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

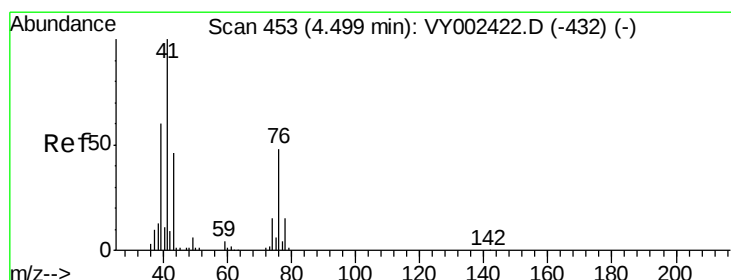
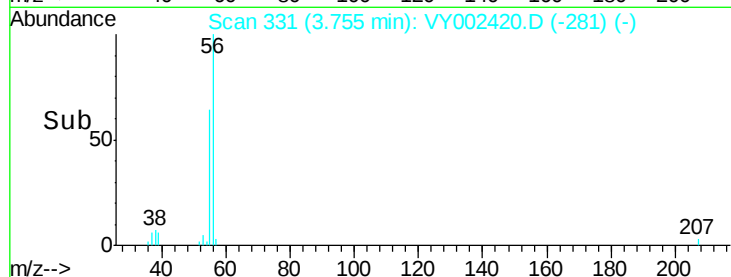
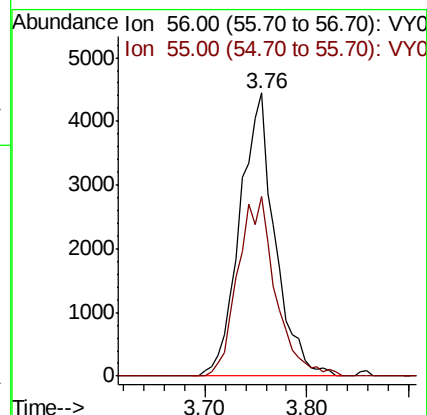
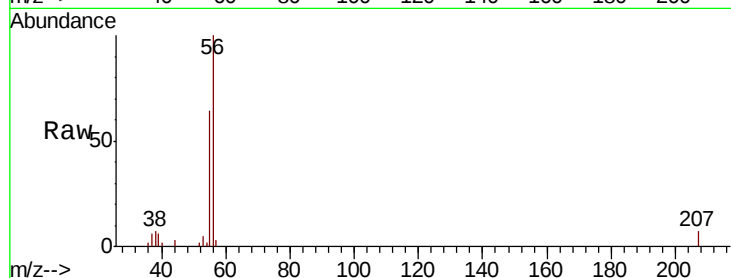
ClientSampleId :

Tot Ion: 56 Resp: 10610

Ion Ratio Lower Upper

56 100

55 67.9 55.9 83.9



#14

Allyl chloride

Concen: 6.069 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

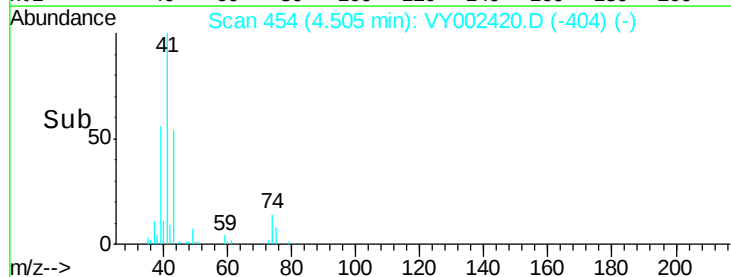
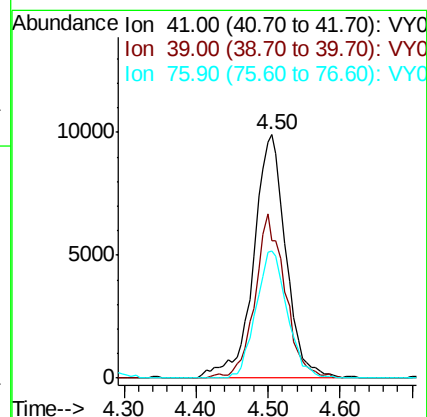
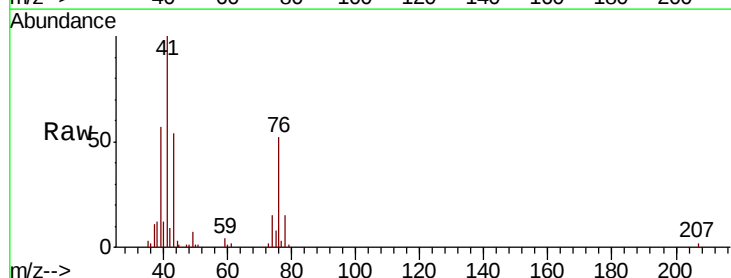
Tgt Ion: 41 Resp: 30849

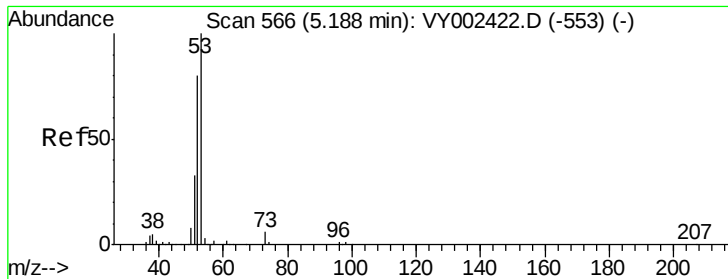
Ion Ratio Lower Upper

41 100

39 62.8 49.1 73.7

76 50.7 38.6 57.8





#15

Acrylonitrile

Concen: 34.151 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

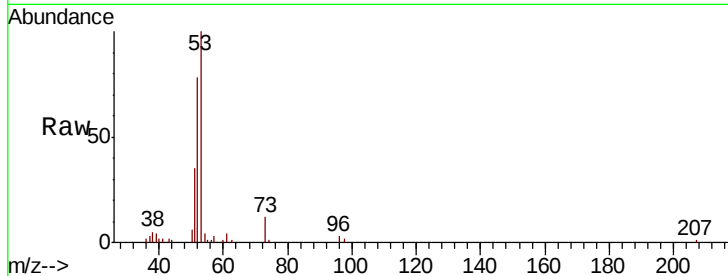
Tot Ion: 53 Resp: 34348

Ion Ratio Lower Upper

53 100

52 81.9 65.1 97.7

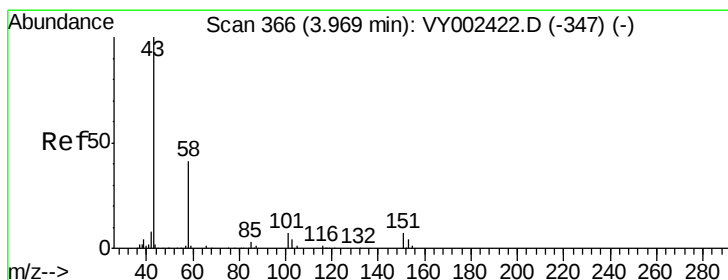
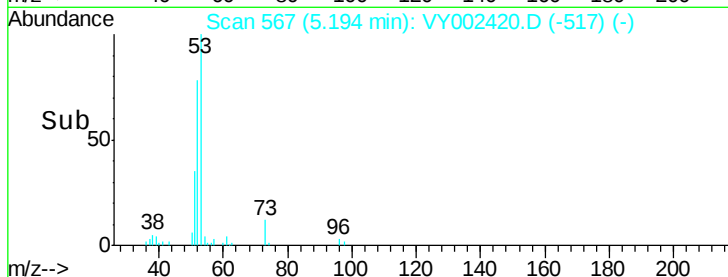
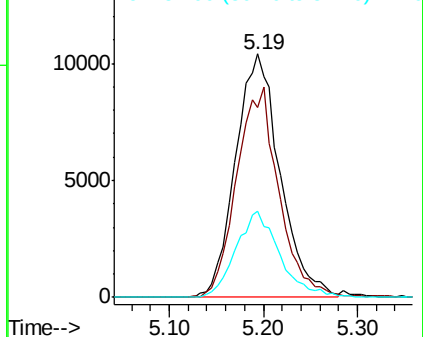
51 34.8 26.8 40.2



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: 34.064 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002420.D

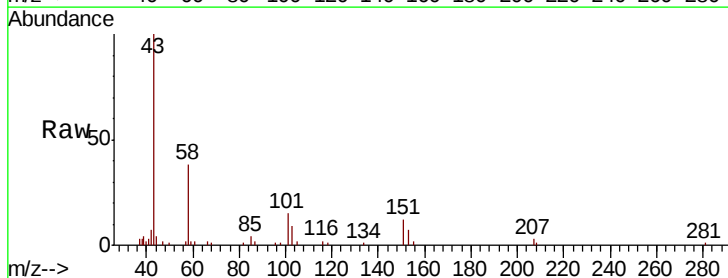
Acq: 20 Apr 2020 13:33

Tgt Ion: 43 Resp: 26386

Ion Ratio Lower Upper

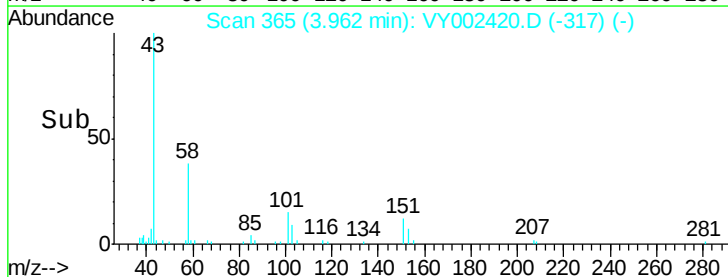
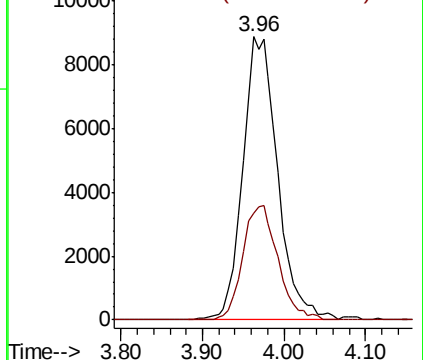
43 100

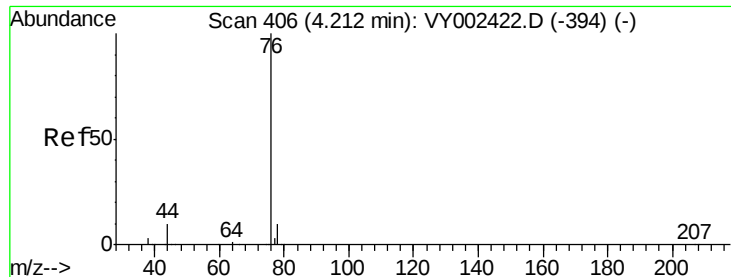
58 37.7 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

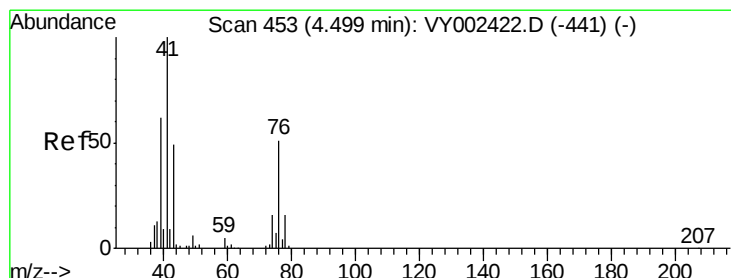
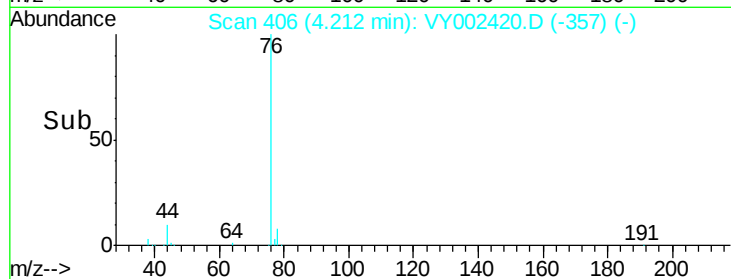
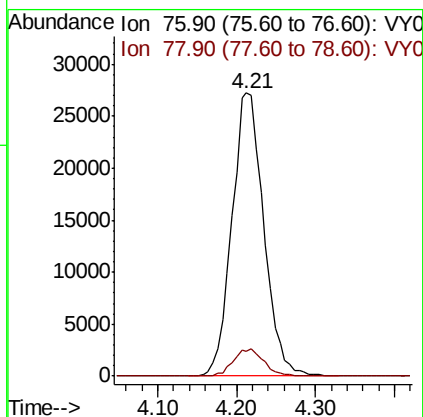
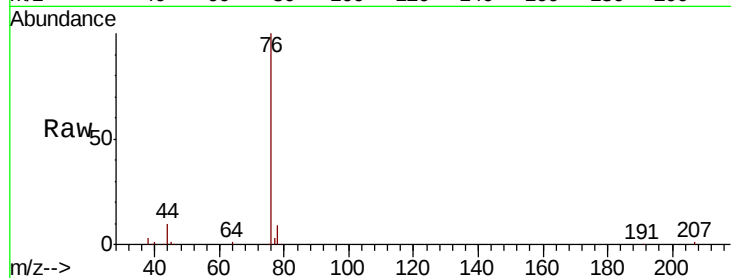




#17
Carbon Disulfide
Concen: 7.116 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

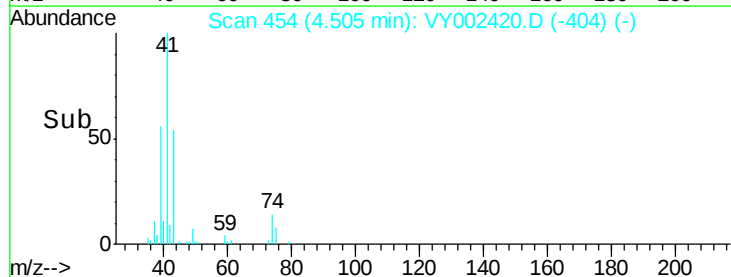
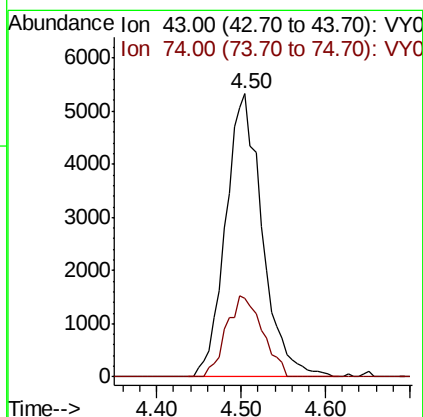
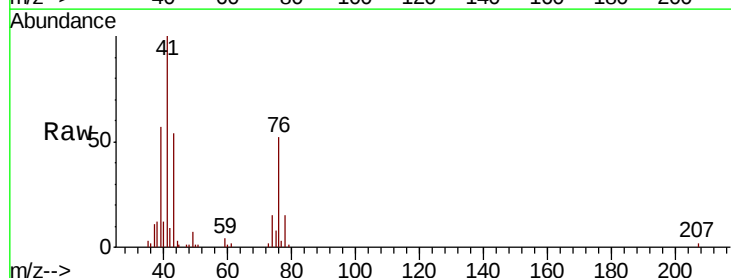
Instrument :
MSVOA_Y
ClientSampled :

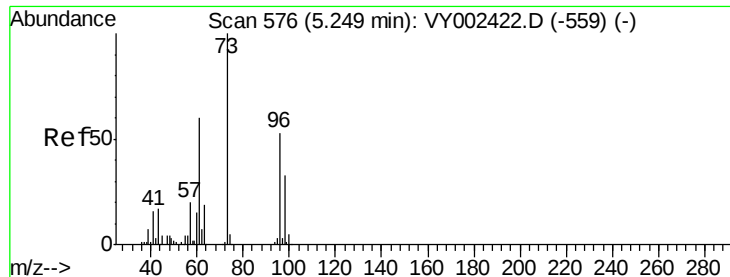
Tot Ion: 76 Resp: 76404
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 6.620 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 43 Resp: 15733
Ion Ratio Lower Upper
43 100
74 28.1 24.8 37.2

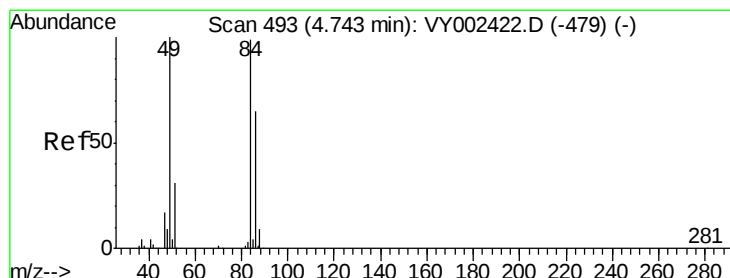
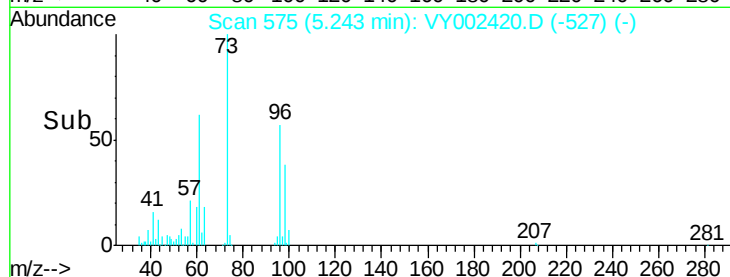
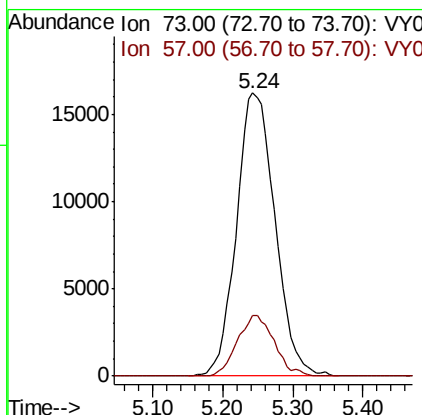
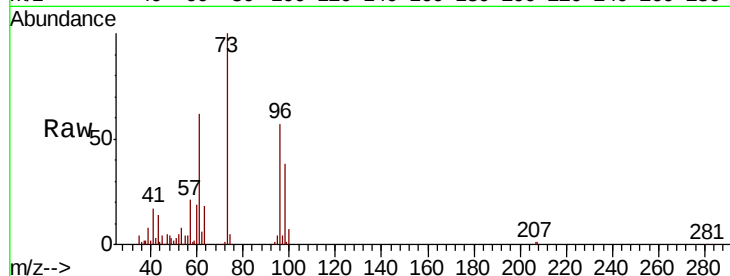




#19
Methvl tert-butvl Ether
Concen: 7.346 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

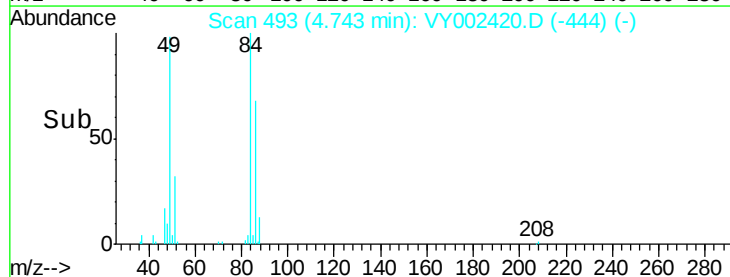
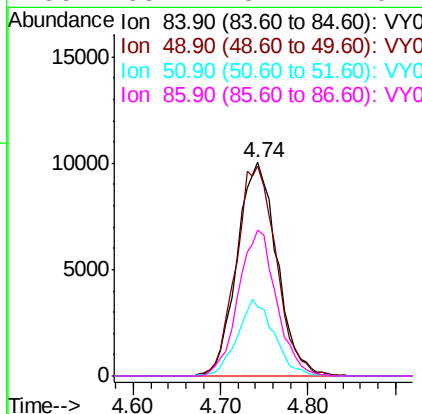
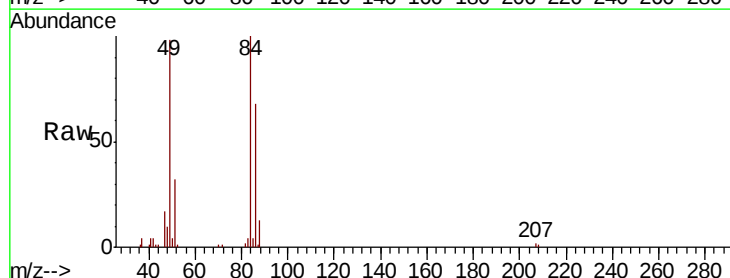
Instrument :
MSVOA_Y
ClientSampleId :

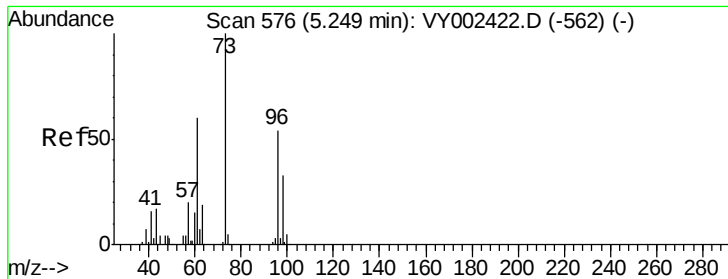
Tot Ion: 73 Resp: 62039
Ion Ratio Lower Upper
73 100
57 21.4 16.3 24.5



#20
Methylene Chloride
Concen: 8.199 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 84 Resp: 31834
Ion Ratio Lower Upper
84 100
49 98.1 81.0 121.6
51 32.2 24.9 37.3
86 68.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 7.783 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :

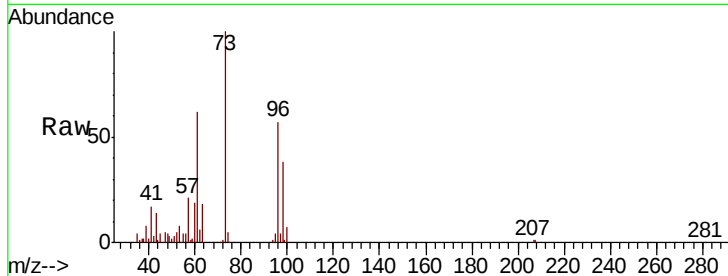
Tot Ion: 96 Resp: 28415

Ion Ratio Lower Upper

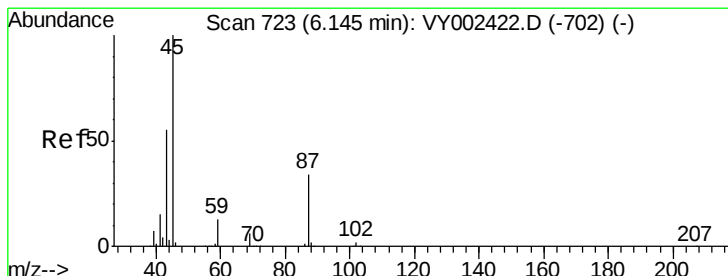
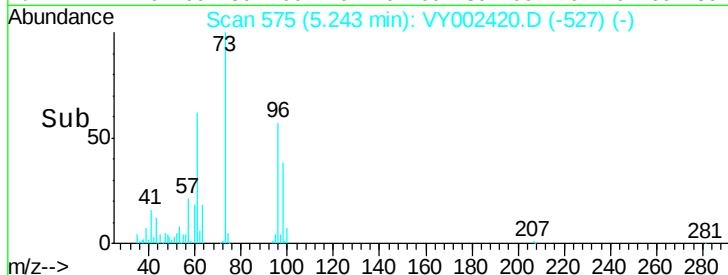
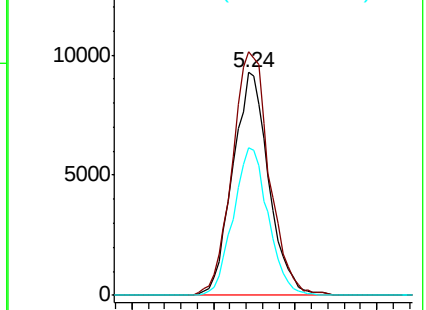
96 100

61 109.3 89.7 134.5

98 66.5 49.7 74.5



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



#22

Diisopropyl ether

Concen: 6.393 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Tgt Ion: 45 Resp: 65253

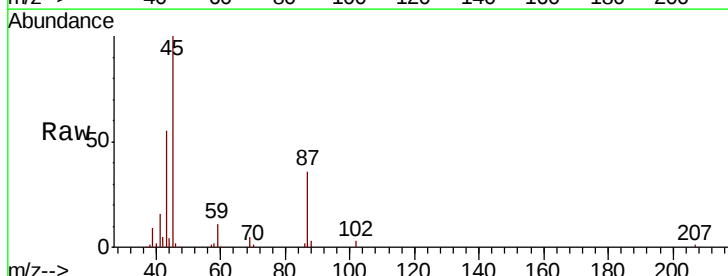
Ion Ratio Lower Upper

45 100

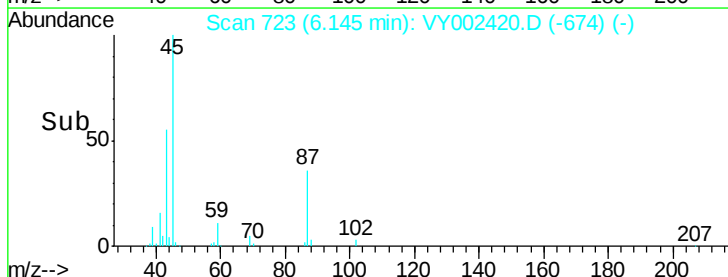
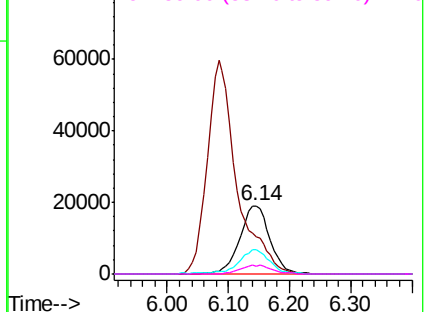
43 54.6 43.8 65.6

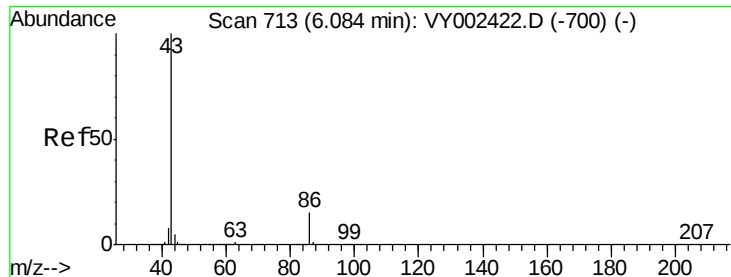
87 35.5 27.4 41.2

59 11.5 10.8 16.2



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





#23

Vinyl Acetate

Concen: 30.975 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

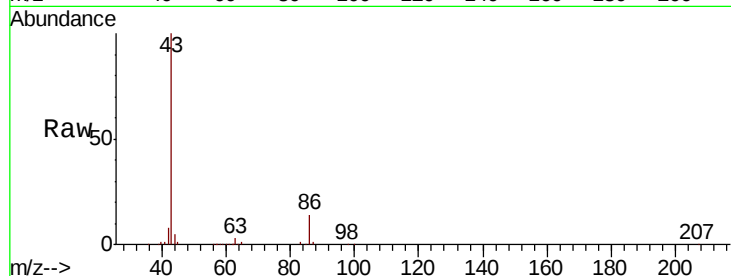
ClientSampleId :

Tot Ion: 43 Resp: 202053

Ion Ratio Lower Upper

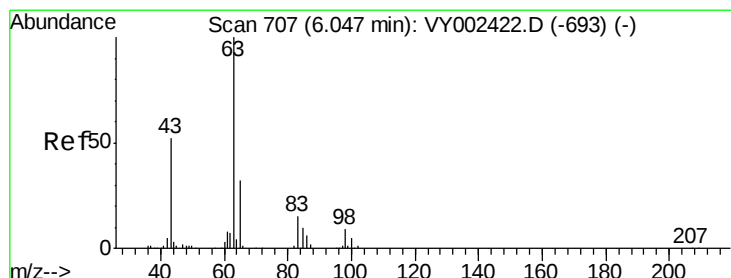
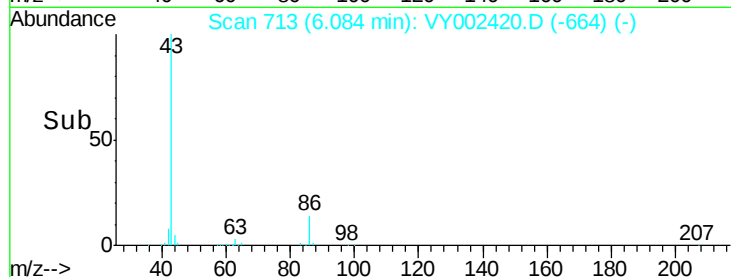
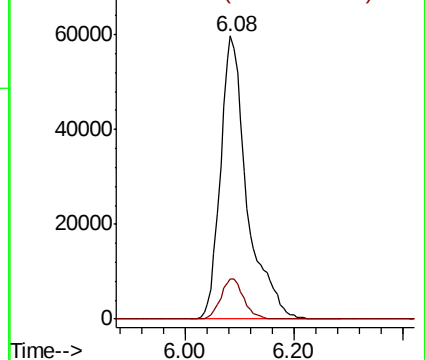
43 100

86 14.0 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 6.914 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

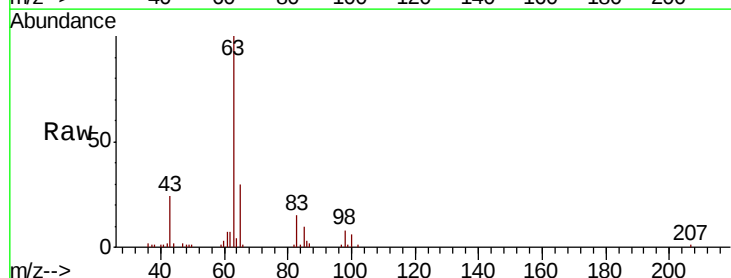
Tgt Ion: 63 Resp: 40803

Ion Ratio Lower Upper

63 100

98 8.3 4.5 13.4

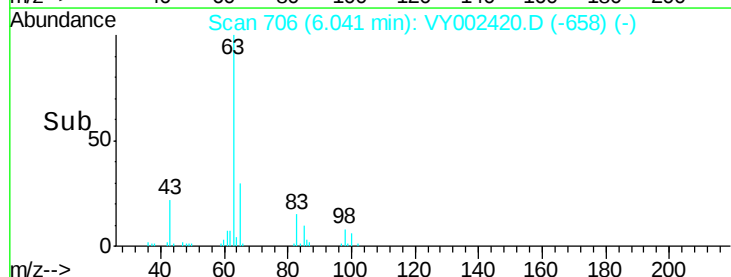
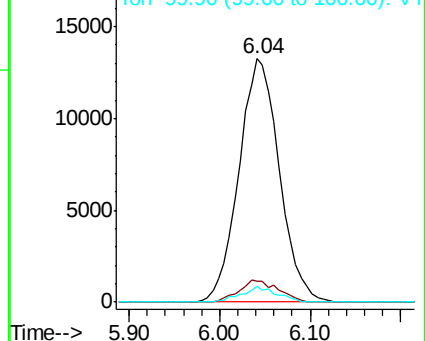
100 6.4 2.6 8.0

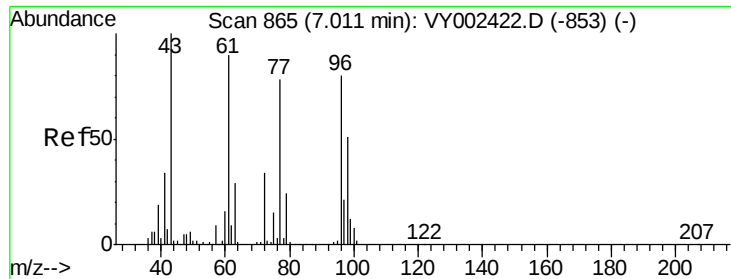


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 31.887 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

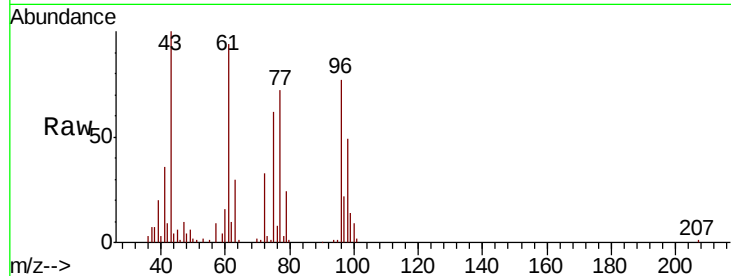
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 38745

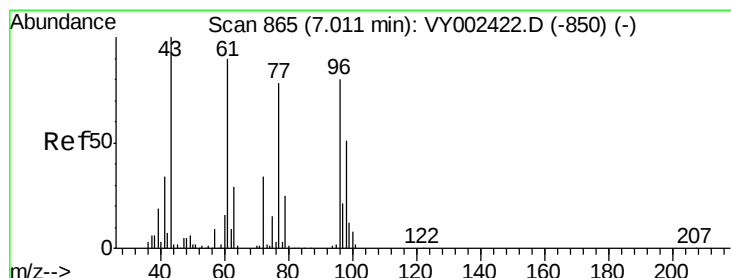
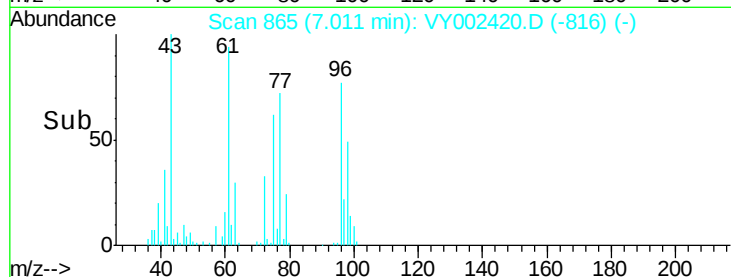
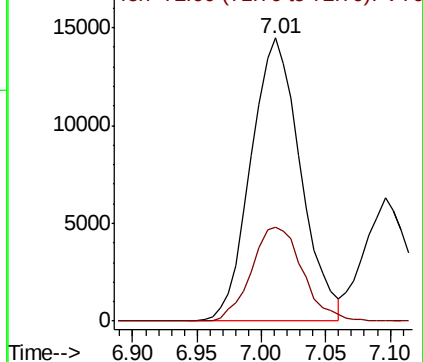
Ion Ratio Lower Upper

43 100

72 33.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 7.033 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002420.D

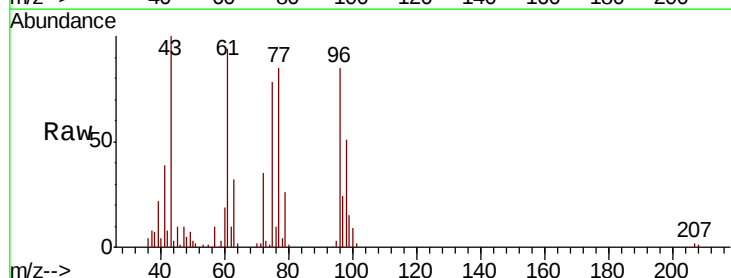
Acq: 20 Apr 2020 13:33

Tgt Ion: 77 Resp: 35043

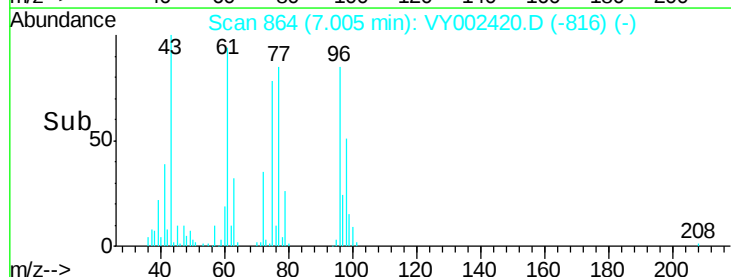
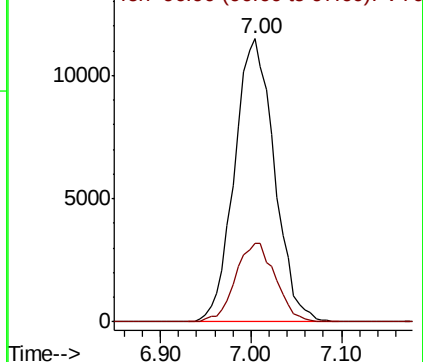
Ion Ratio Lower Upper

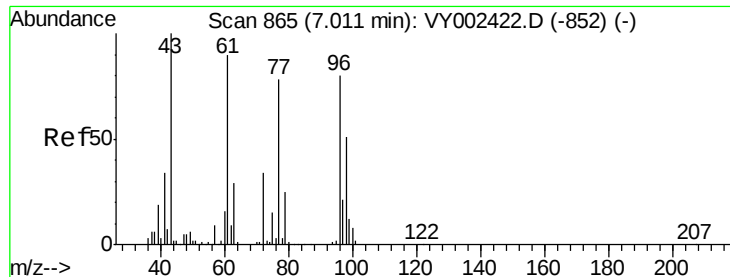
77 100

97 27.8 13.5 40.5



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0

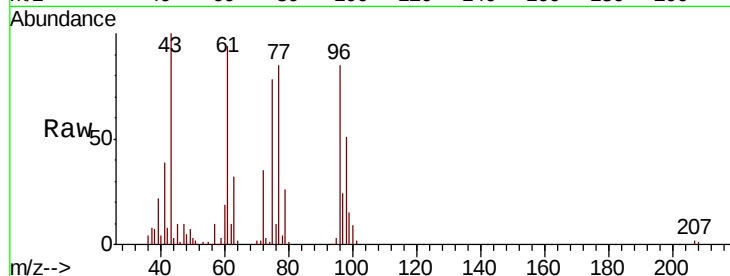




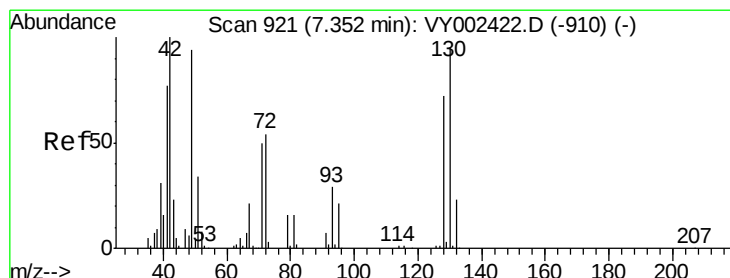
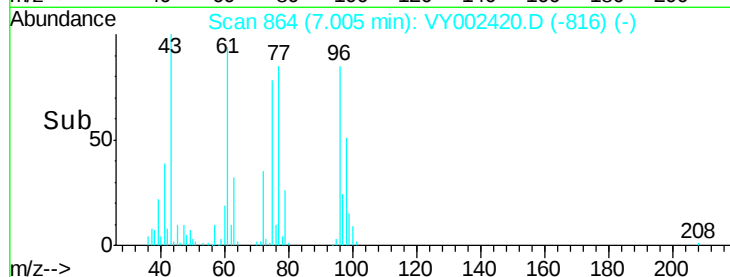
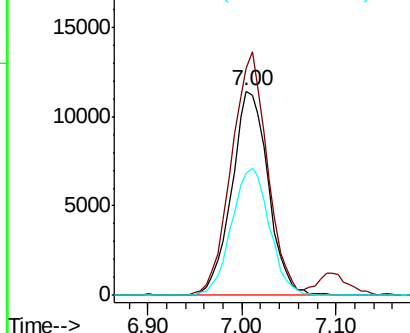
#27
 cis-1,2-Dichloroethene
 Concen: 7.785 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 30928
 Ion Ratio Lower Upper
 96 100
 61 117.3 0.0 236.2
 98 64.5 0.0 130.2

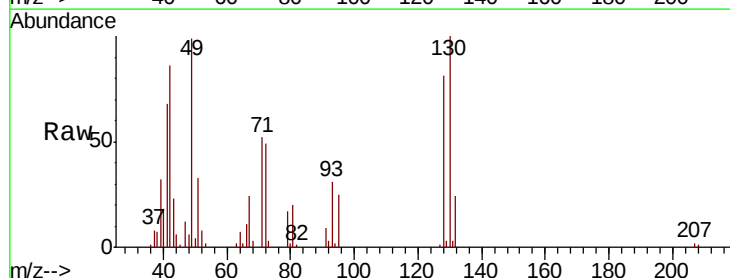


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

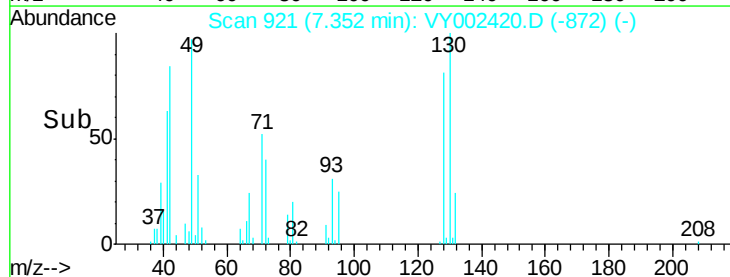
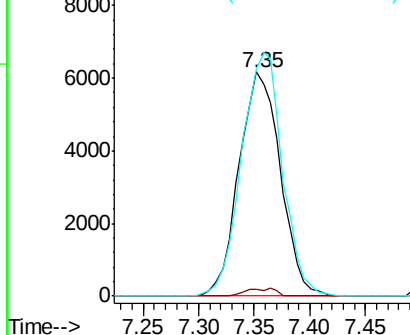


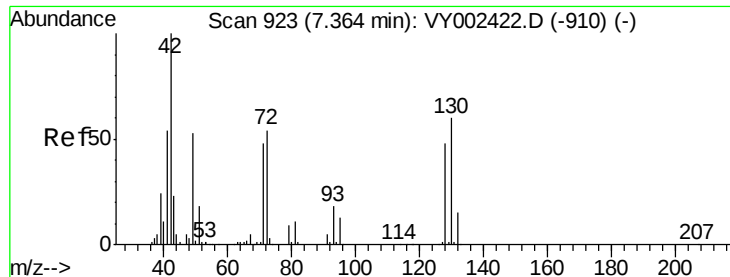
#28
 Bromochloromethane
 Concen: 6.401 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 49 Resp: 15966
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 107.6 84.1 126.1



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

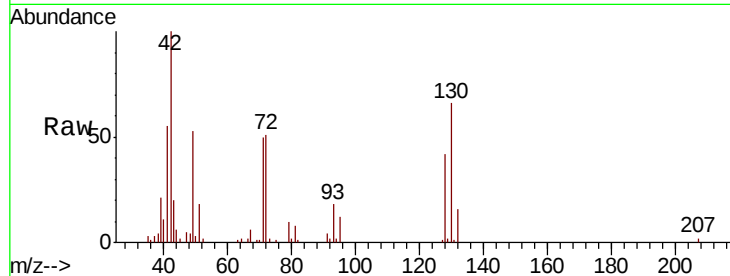




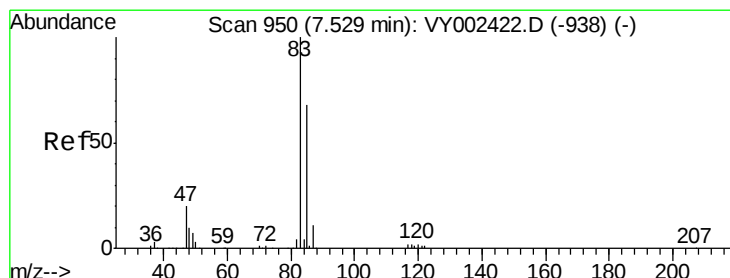
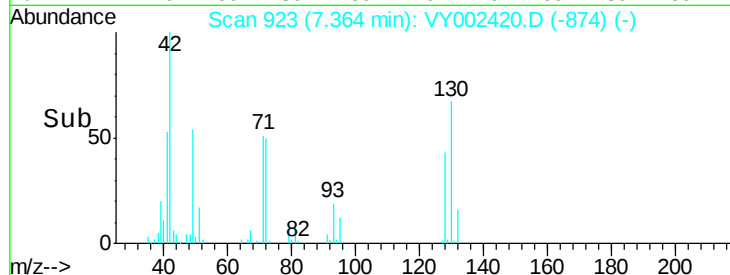
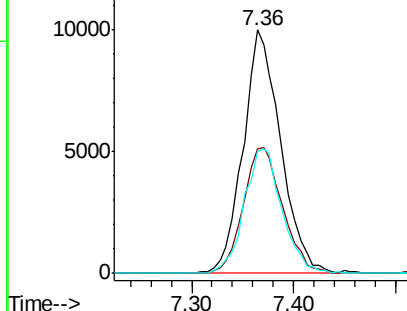
#29
Tetrahydrofuran
Concen: 31.889 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 25538
Ion Ratio Lower Upper
42 100
72 54.1 44.6 67.0
71 51.4 40.6 60.8

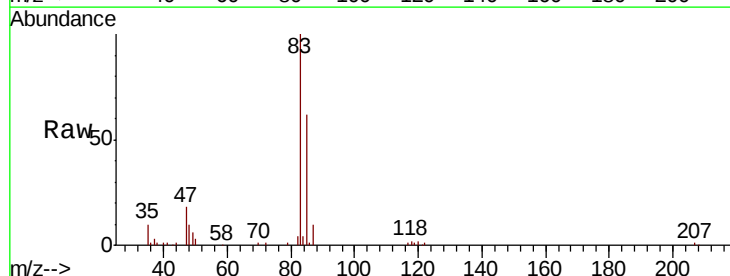


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

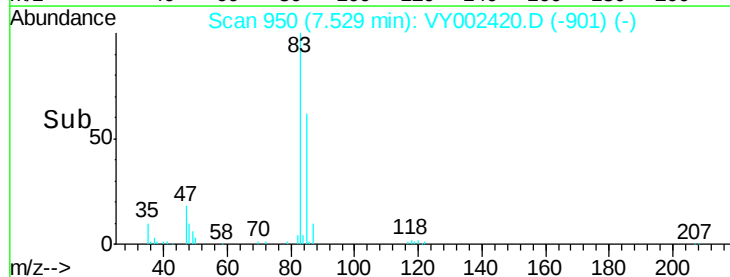
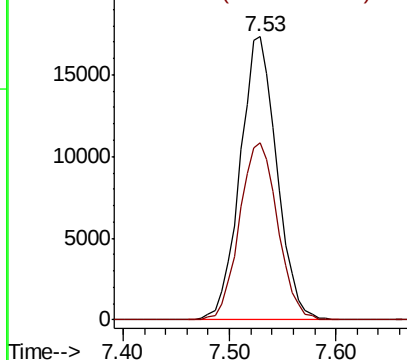


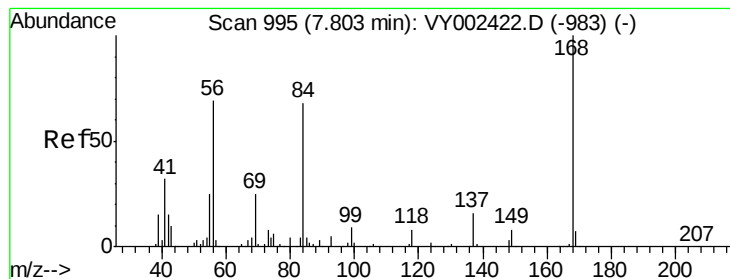
#30
Chloroform
Concen: 7.470 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 83 Resp: 41972
Ion Ratio Lower Upper
83 100
85 62.4 54.3 81.5



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





#31

Cyclohexane

Concen: 6.986 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampled :

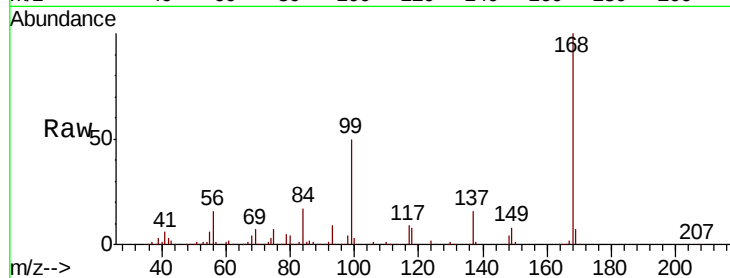
Tot Ion: 56 Resp: 43012

Ion Ratio Lower Upper

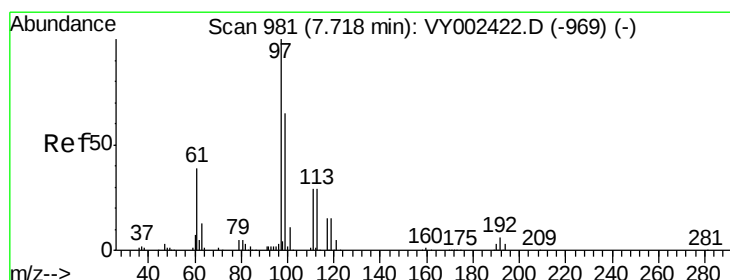
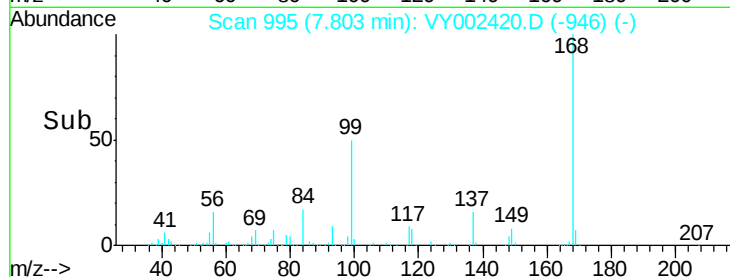
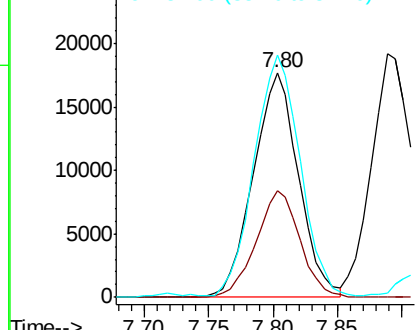
56 100

69 47.5 29.1 43.7#

84 106.8 79.4 119.2



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: 7.899 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

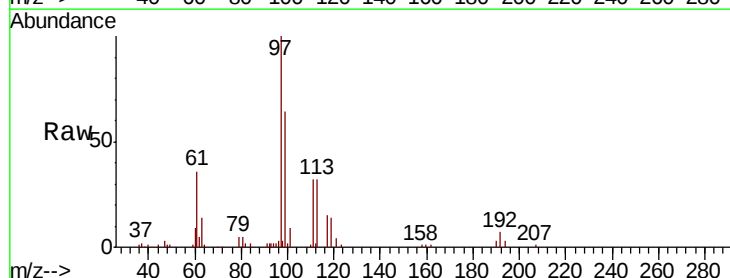
Tgt Ion: 97 Resp: 37120

Ion Ratio Lower Upper

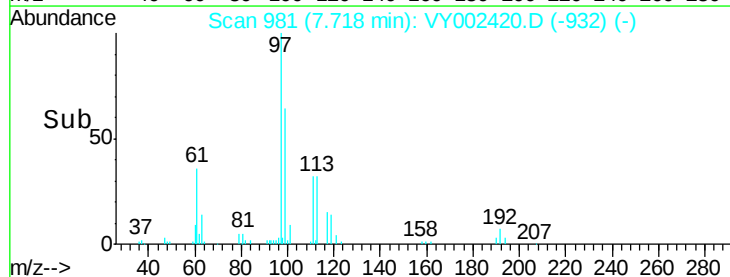
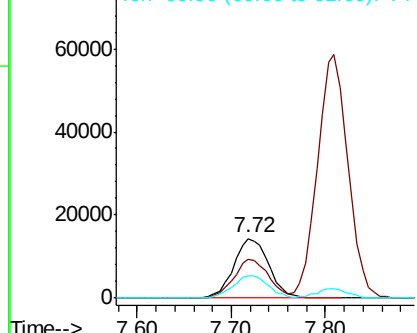
97 100

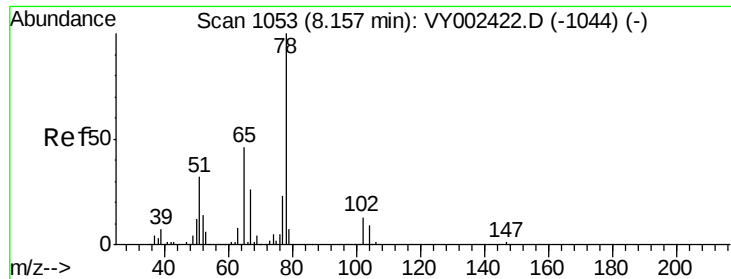
99 64.2 51.9 77.9

61 38.1 30.8 46.2



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

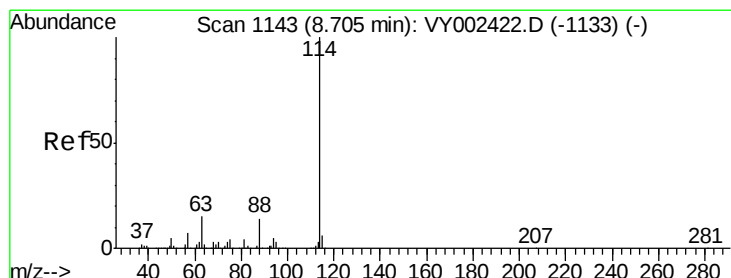
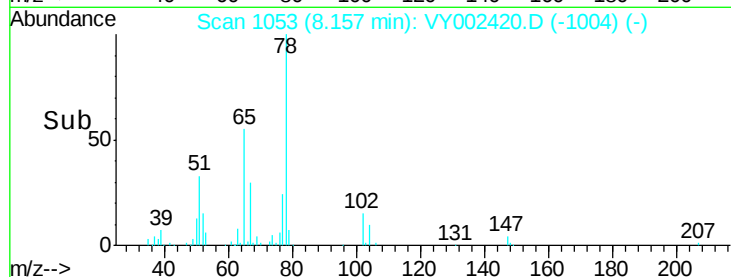
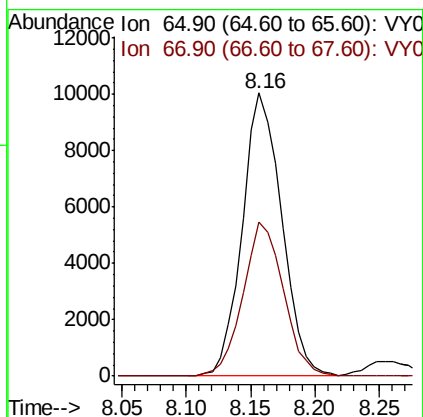
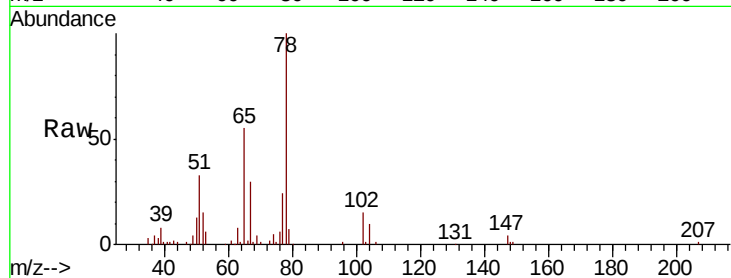




#33
 1,2-Dichloroethane-d4
 Concen: 7.263 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

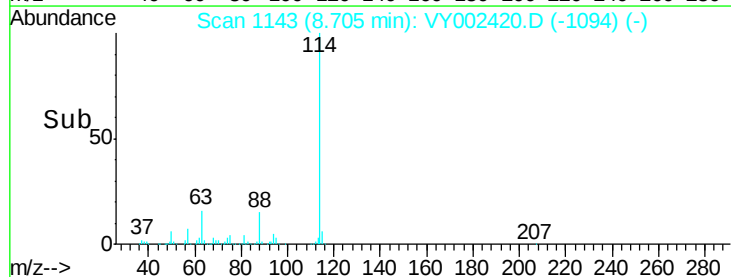
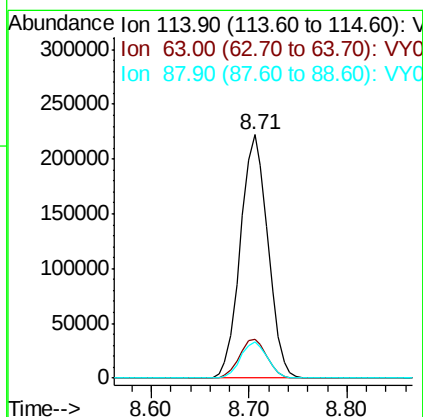
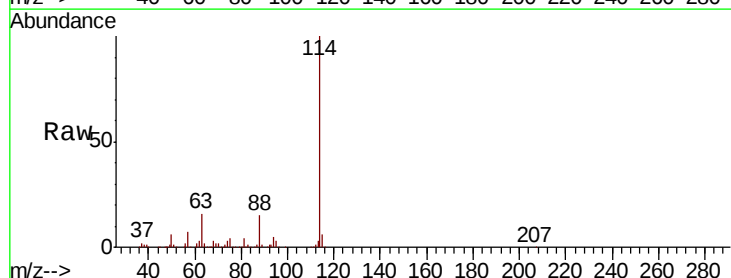
Instrument :
 MSVOA_Y
 ClientSampleId :

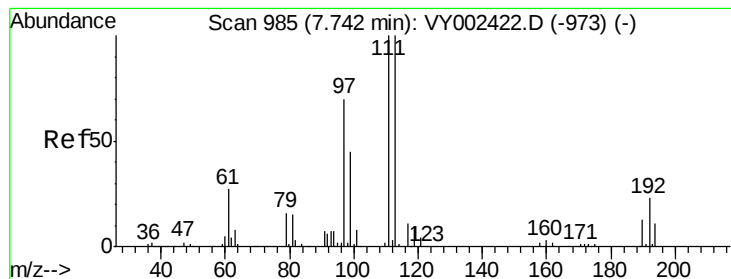
Tot Ion: 65 Resp: 21256
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 114 Resp: 433913
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.0
 88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 9.283 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampled :

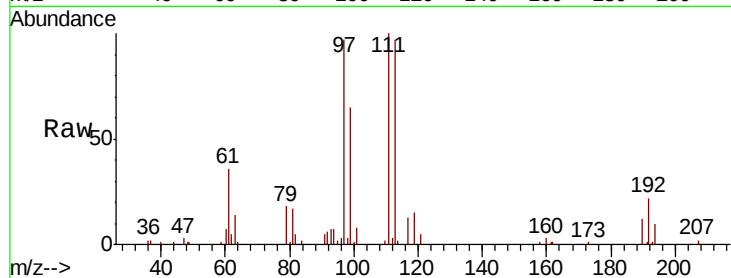
Tot Ion:113 Resp: 23513

Ion Ratio Lower Upper

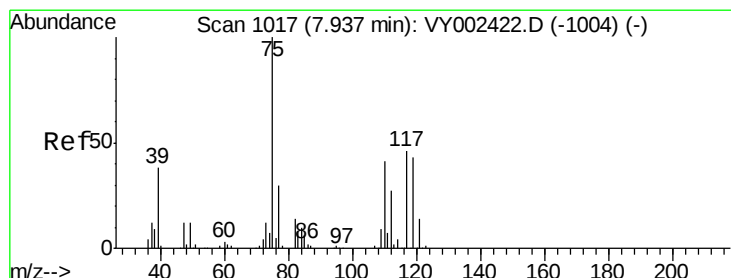
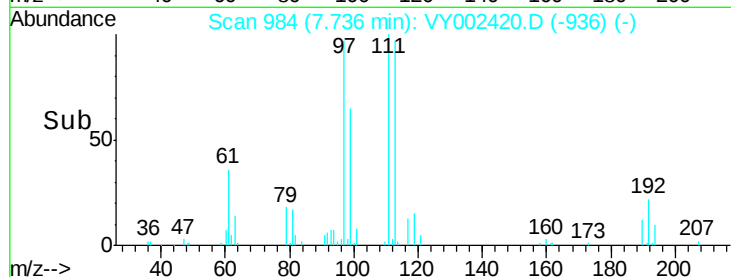
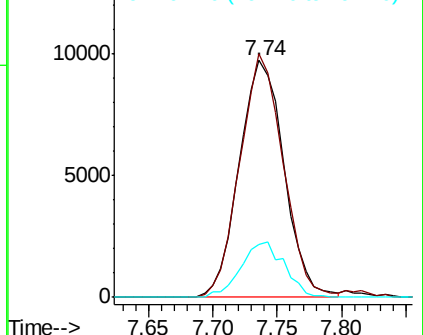
113 100

111 98.9 81.7 122.5

192 22.5 17.8 26.6



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: 8.195 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

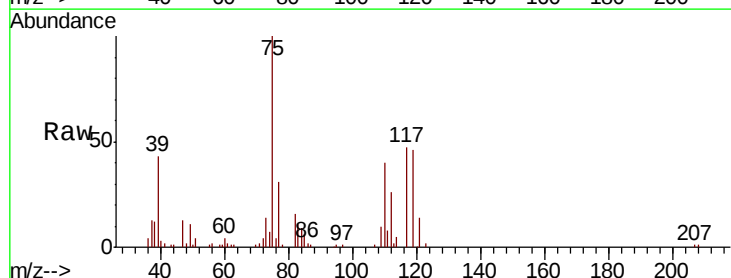
Tgt Ion: 75 Resp: 34084

Ion Ratio Lower Upper

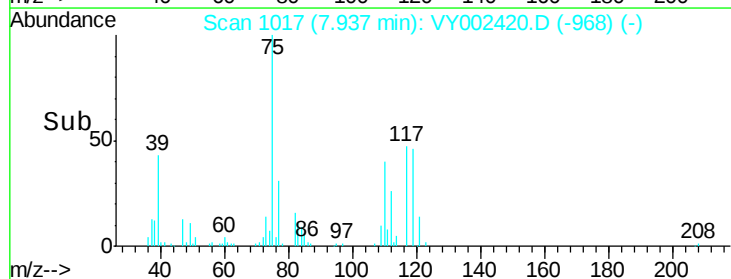
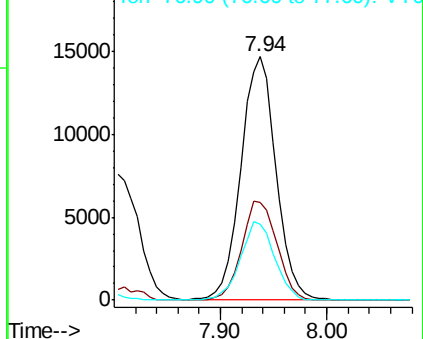
75 100

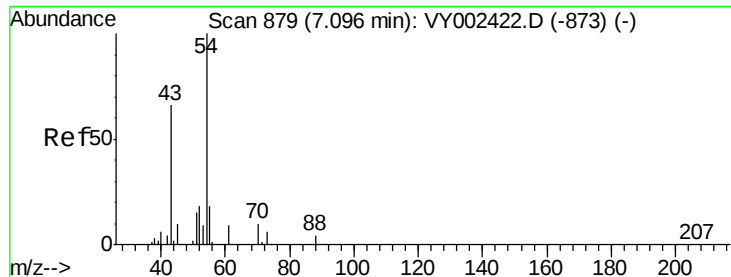
110 40.5 20.4 61.2

77 31.5 25.5 38.3



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

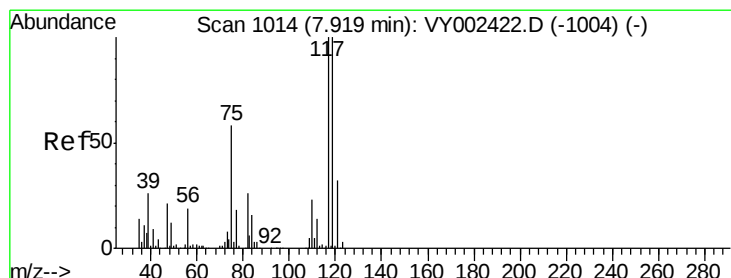
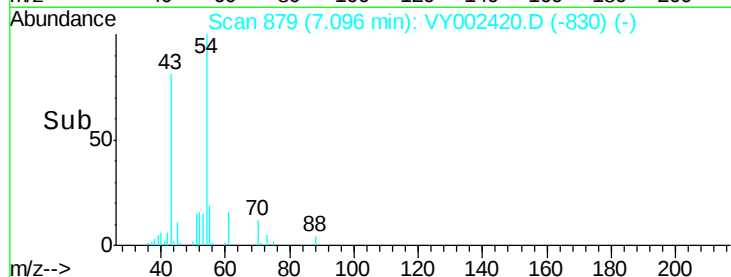
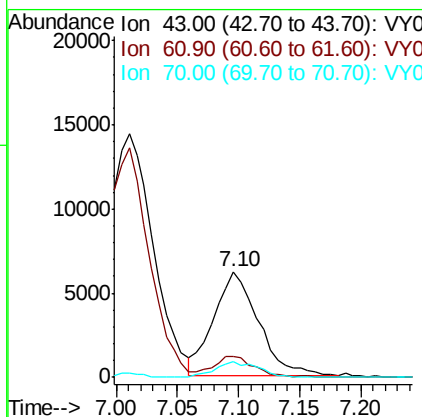
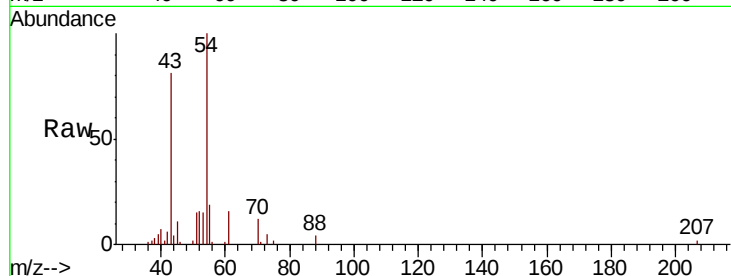




#37
Ethyl Acetate
Concen: 6.745 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

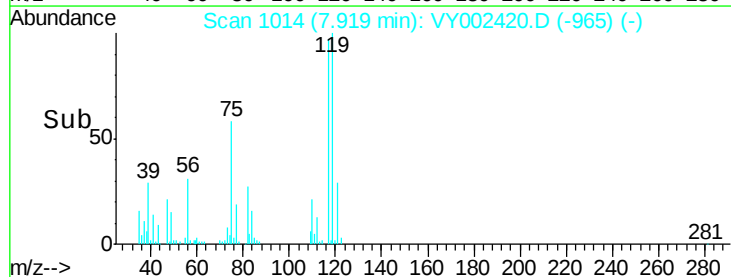
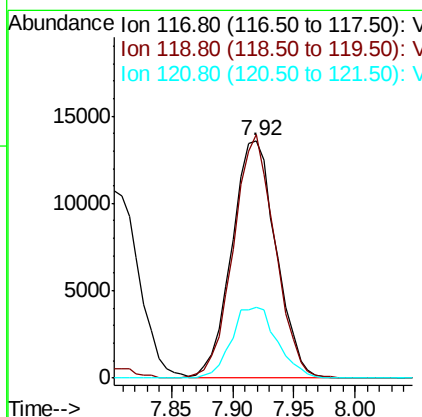
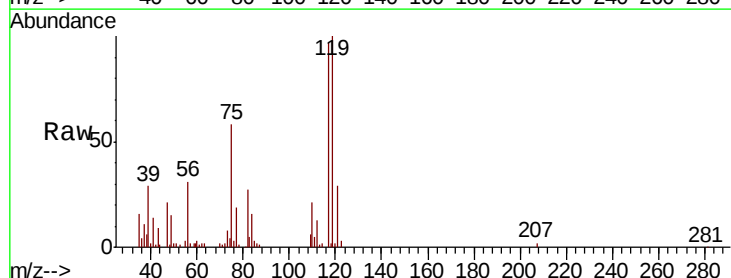
Instrument :
MSVOA_Y
ClientSampleId :

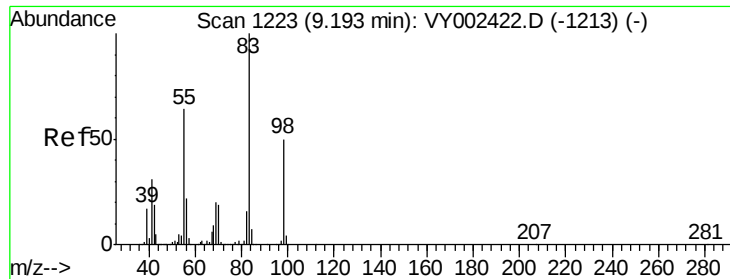
Tot Ion: 43 Resp: 15717
Ion Ratio Lower Upper
43 100
61 18.2 13.5 20.3
70 14.3 10.6 16.0



#38
Carbon Tetrachloride
Concen: 9.352 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 117 Resp: 34171
Ion Ratio Lower Upper
117 100
119 102.6 79.6 119.4
121 30.0 25.4 38.2

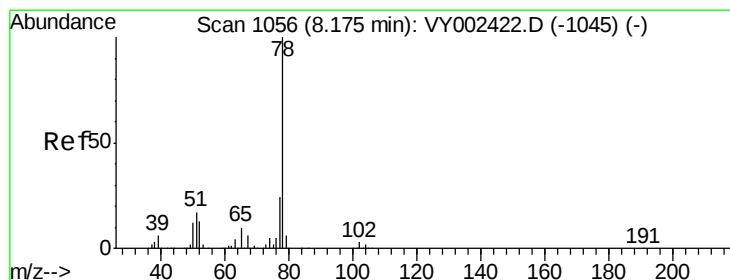
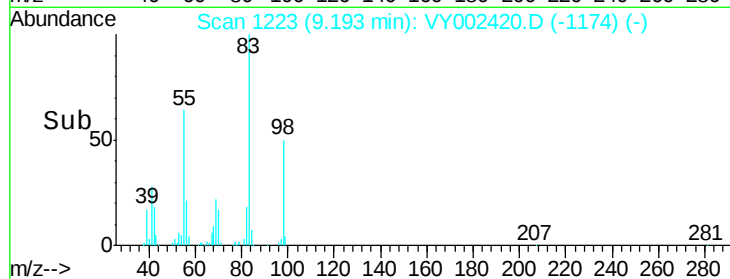
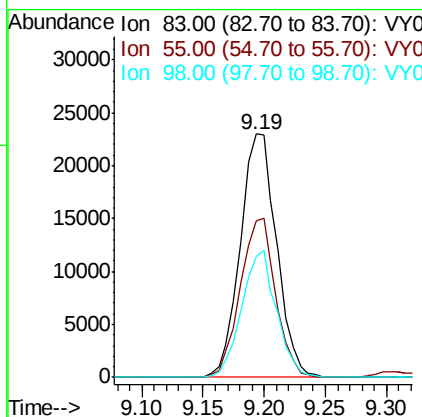
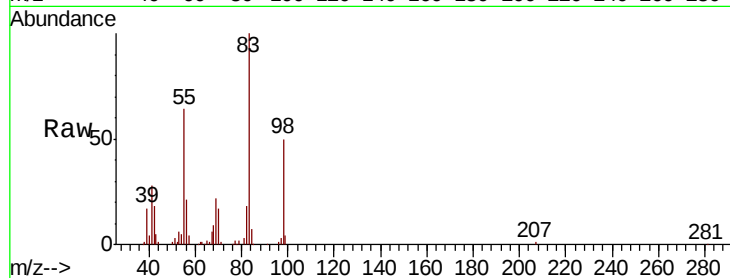




#39
Methvlcvclohexane
Concen: 8.368 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

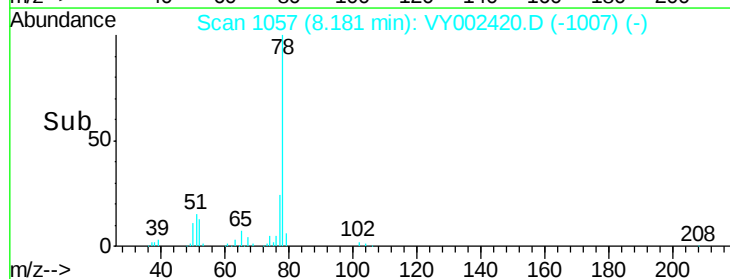
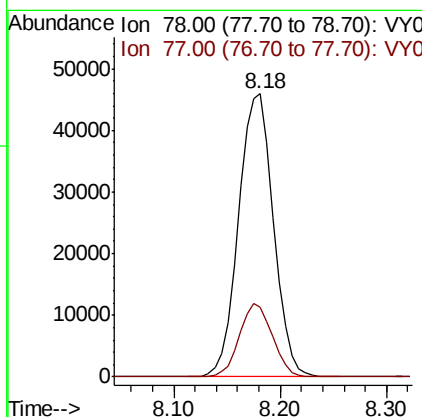
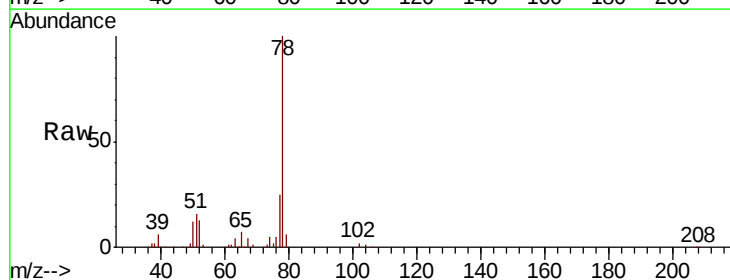
Instrument :
MSVOA_Y
ClientSampleId :

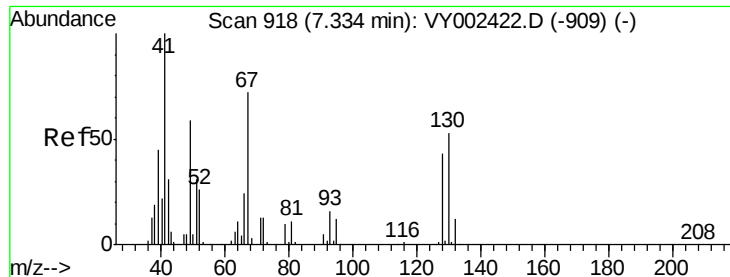
Tot Ion: 83 Resp: 47477
Ion Ratio Lower Upper
83 100
55 64.2 51.2 76.8
98 49.6 39.8 59.6



#40
Benzene
Concen: 8.343 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 78 Resp: 105560
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

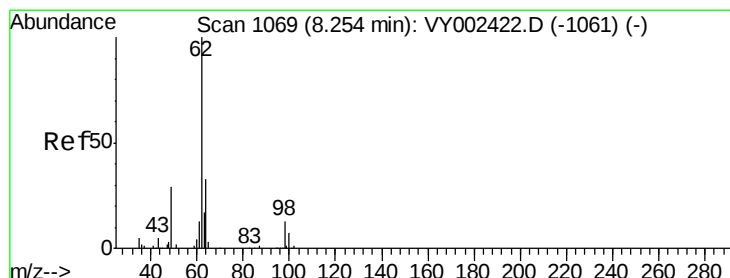
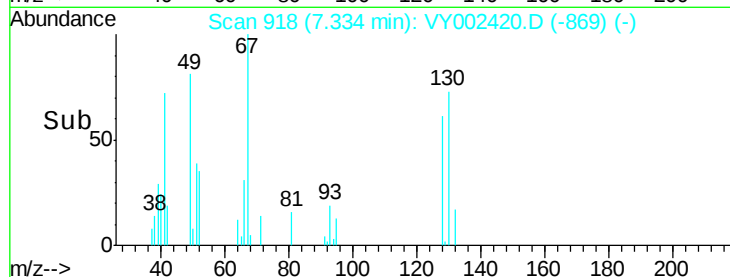
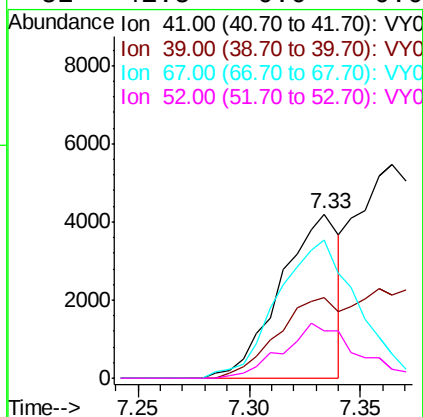
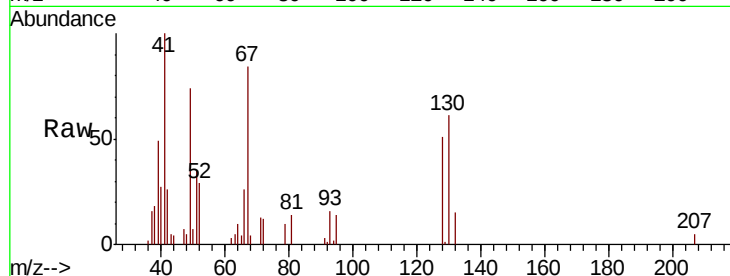




#41
Methacrylonitrile
Concen: 5.651 ug/l
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

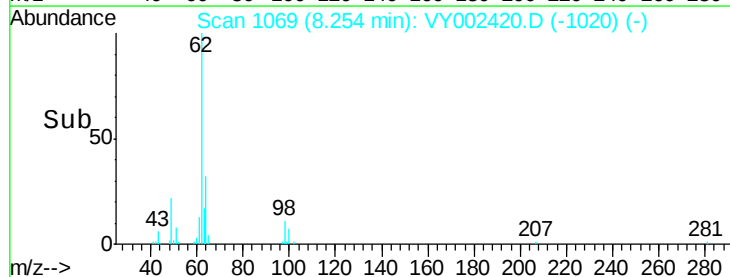
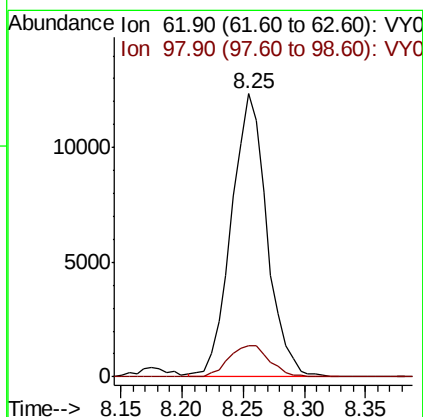
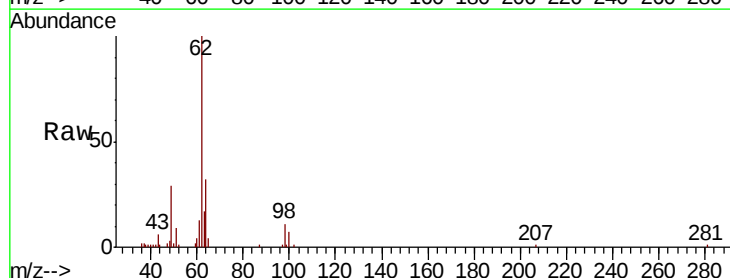
Instrument :
MSVOA_Y
ClientSampleId :

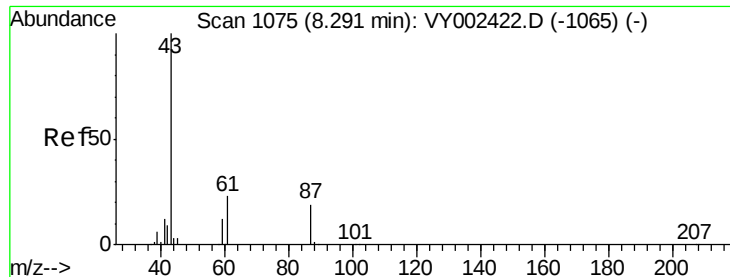
Tot Ion: 41 Resp: 7739
Ion Ratio Lower Upper
41 100
39 50.9 99.0 148.4#
67 114.1 0.0 0.0#
52 41.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 7.962 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 62 Resp: 24828
Ion Ratio Lower Upper
62 100
98 12.6 0.0 25.4



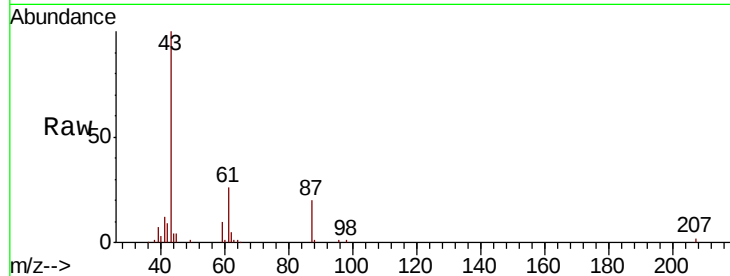


#43

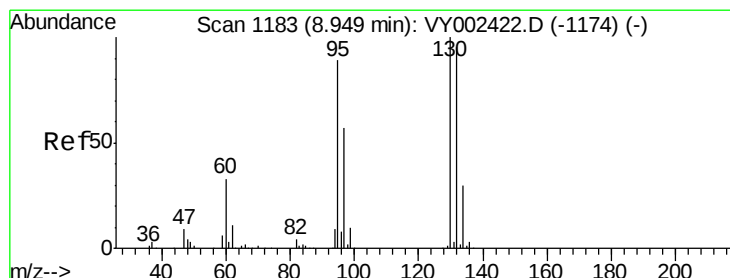
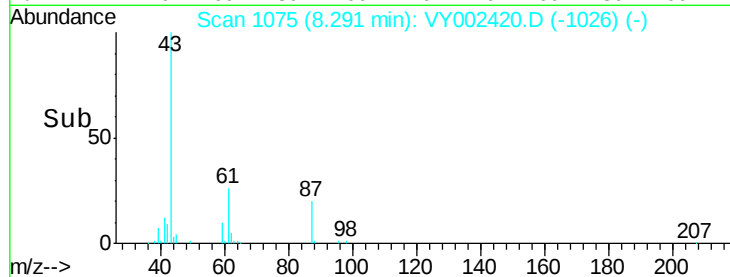
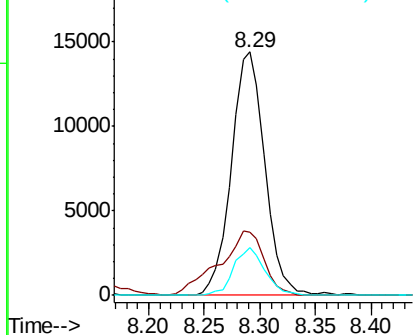
Isopropyl Acetate
 Concen: 7.088 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	30068
Ion Ratio	Lower	Upper	
43	100		
61	35.5	27.7	41.5
87	18.4	14.5	21.7



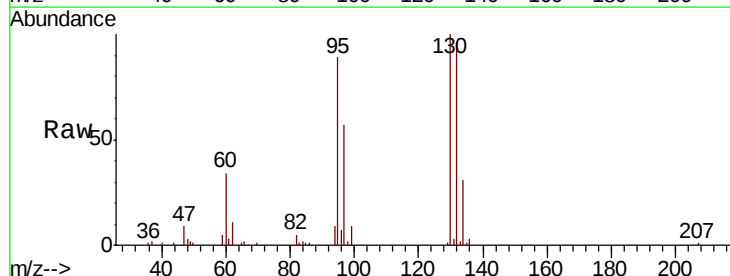
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



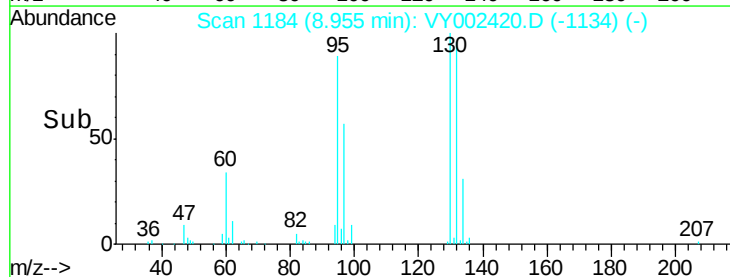
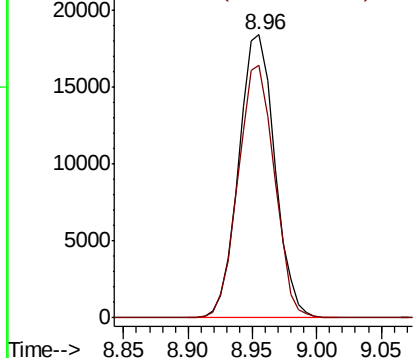
#44

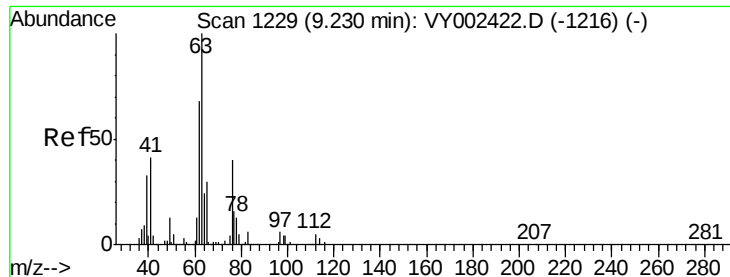
Trichloroethene
 Concen: 9.398 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion	130	Resp	35849
Ion Ratio	Lower	Upper	
130	100		
95	89.3	0.0	178.4



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

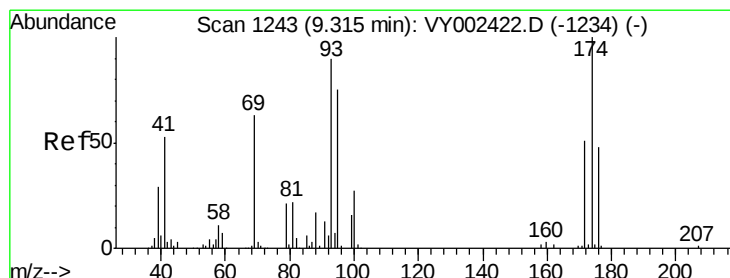
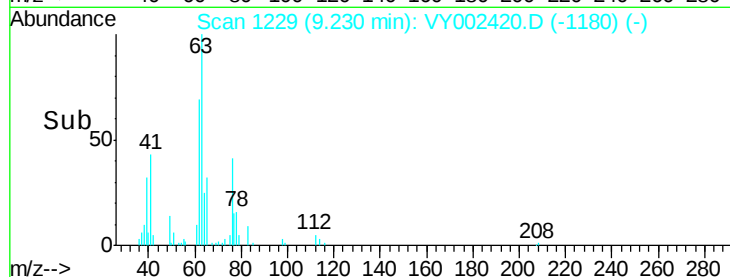
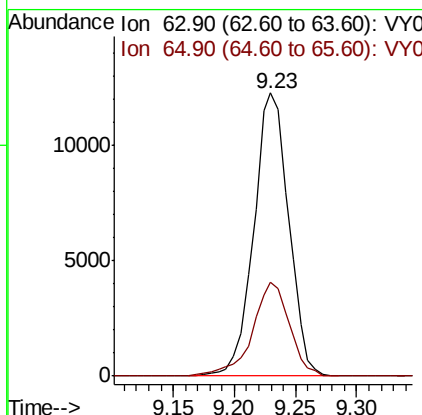
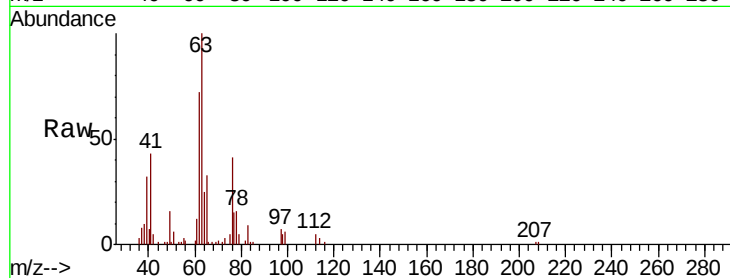




#45
 1,2-Dichloropropane
 Concen: 7.887 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

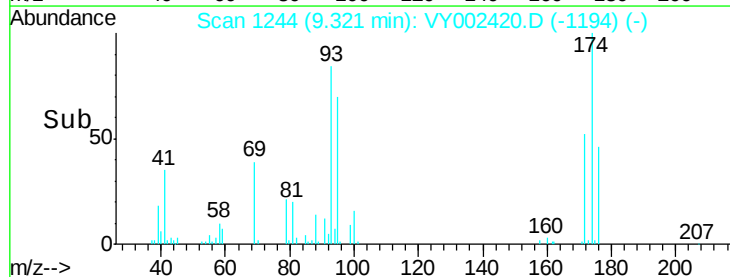
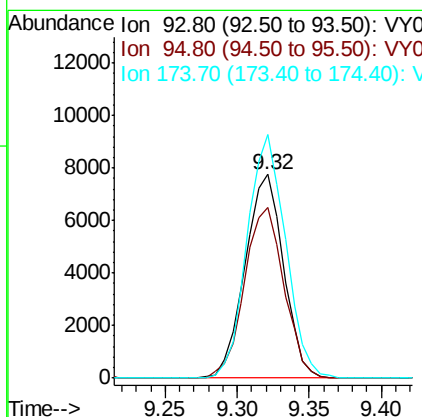
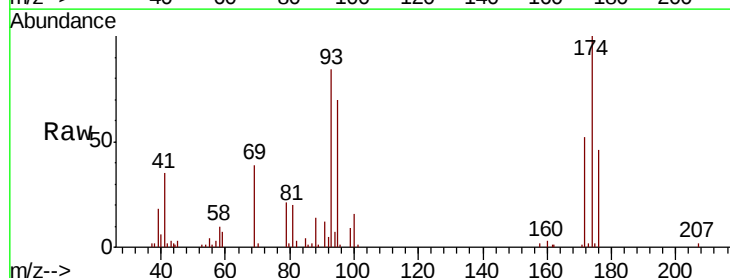
Instrument :
 MSVOA_Y
 ClientSampled :

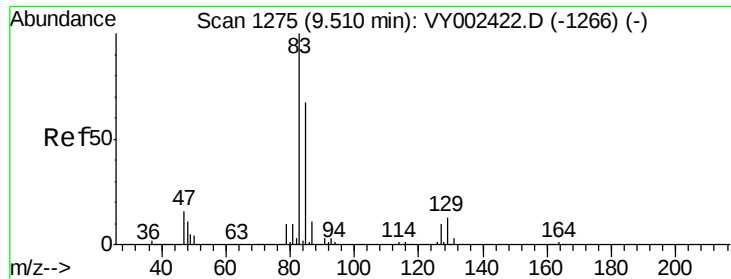
Tot Ion: 63 Resp: 24433
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.2 36.2



#46
 Dibromomethane
 Concen: 8.701 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 93 Resp: 14357
 Ion Ratio Lower Upper
 93 100
 95 85.8 67.5 101.3
 174 119.0 94.5 141.7

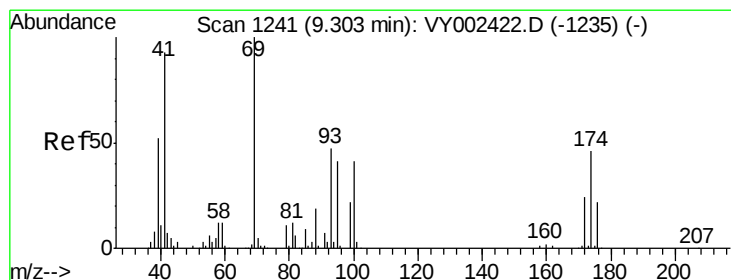
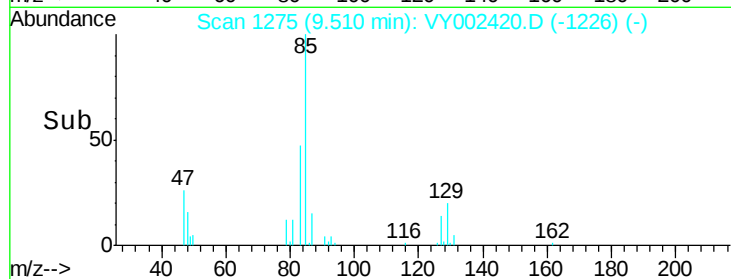
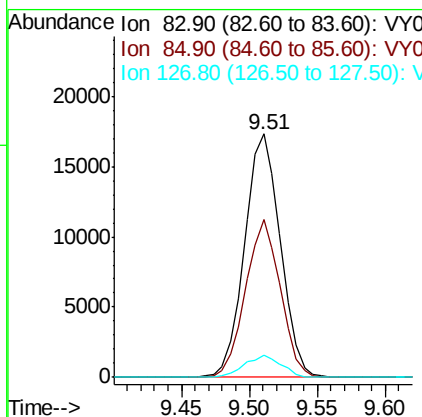
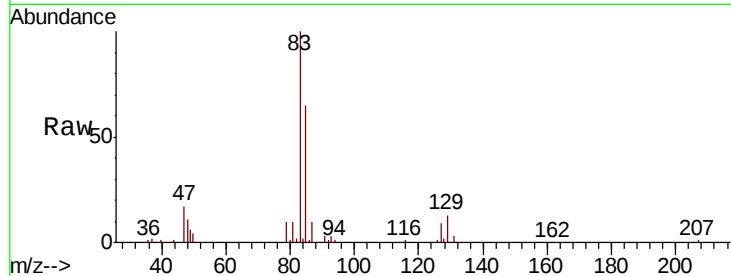




#47
 Bromodichloromethane
 Concen: 8.431 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

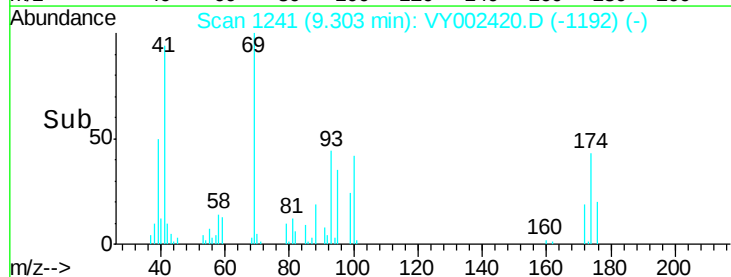
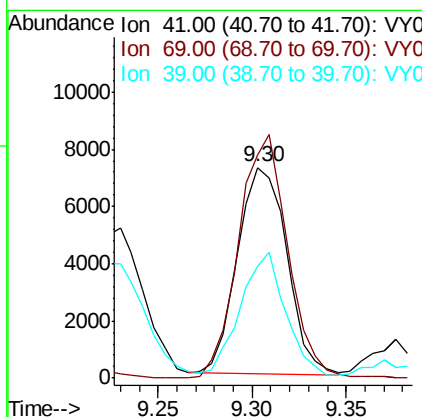
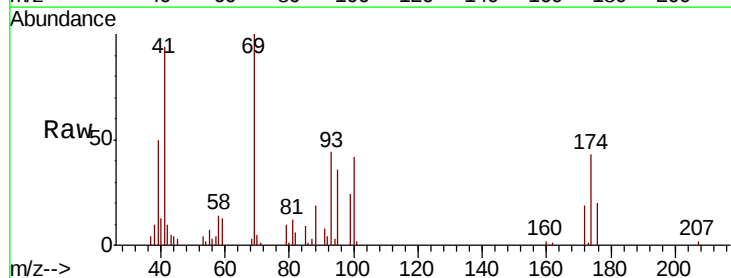
Instrument :
 MSVOA_Y
 ClientSampleId :

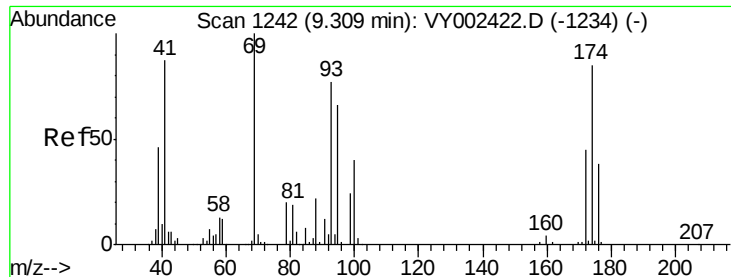
Tot Ion: 83 Resp: 31837
 Ion Ratio Lower Upper
 83 100
 85 64.8 53.4 80.2
 127 9.1 7.8 11.6



#48
 Methyl methacrylate
 Concen: 6.909 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 41 Resp: 13160
 Ion Ratio Lower Upper
 41 100
 69 116.9 87.9 131.9
 39 54.1 43.5 65.3

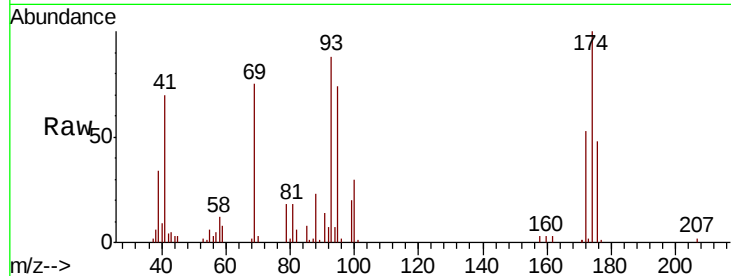




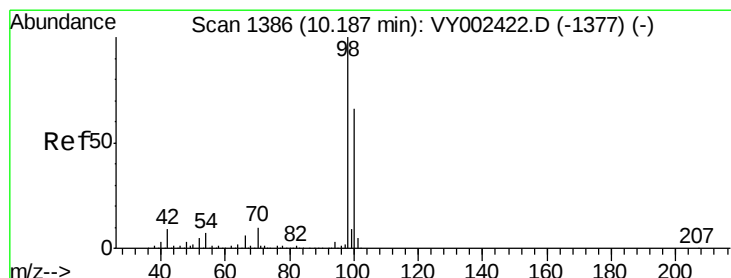
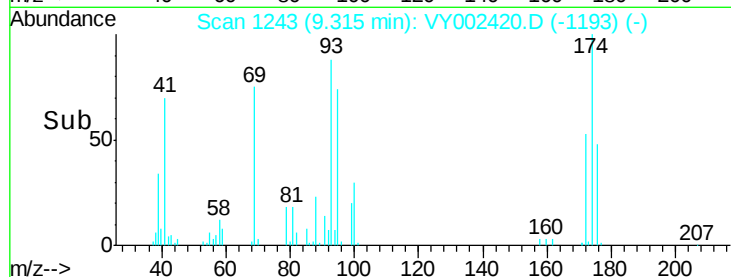
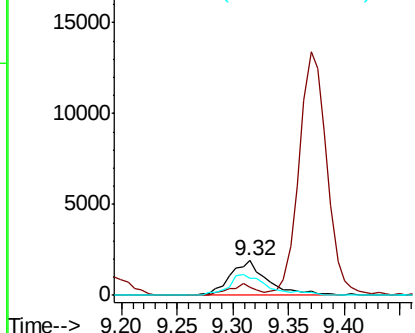
#49
1,4-Dioxane
Concen: 189.646 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 4449
Ion Ratio Lower Upper
88 100
43 22.6 19.0 28.6
58 61.9 44.8 67.2

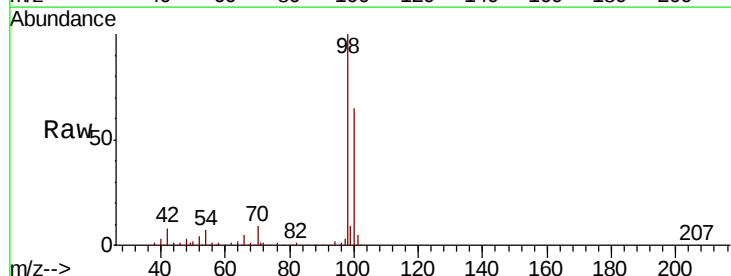


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

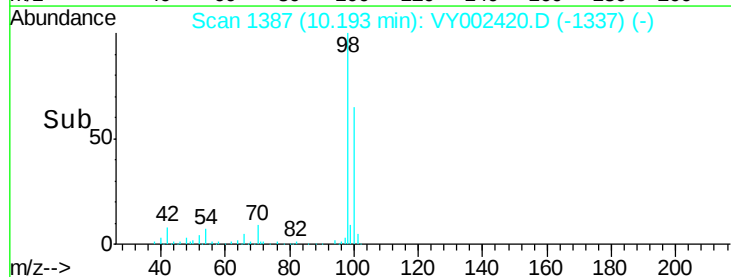
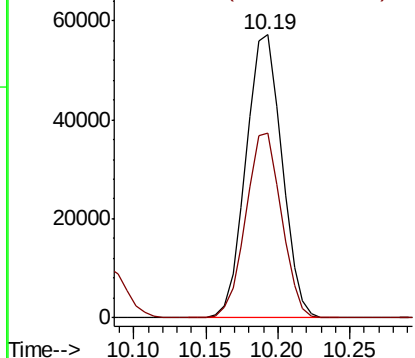


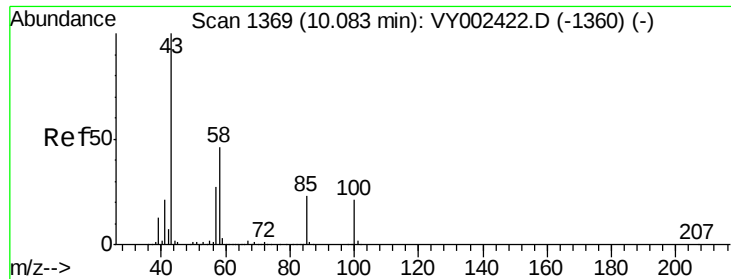
#50
Toluene-d8
Concen: 9.412 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 98 Resp: 98899
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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

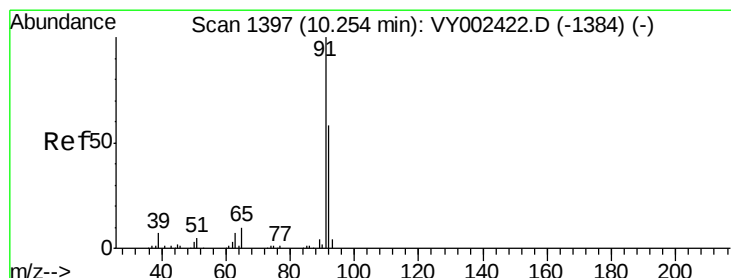
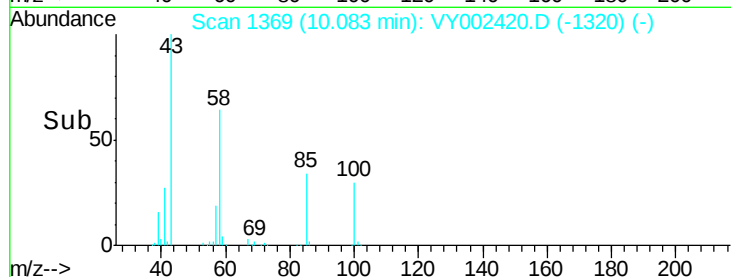
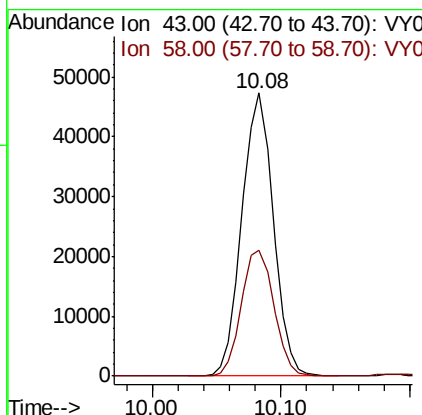
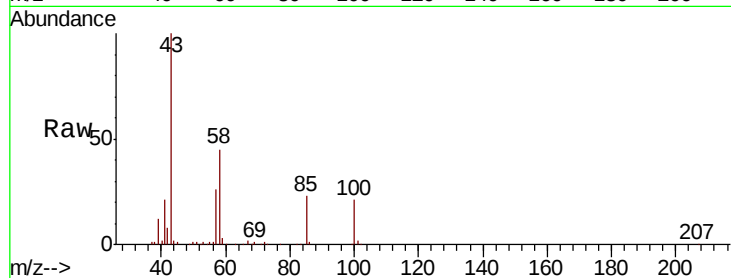




#51
 4-Methyl-2-Pentanone
 Concen: 36.078 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

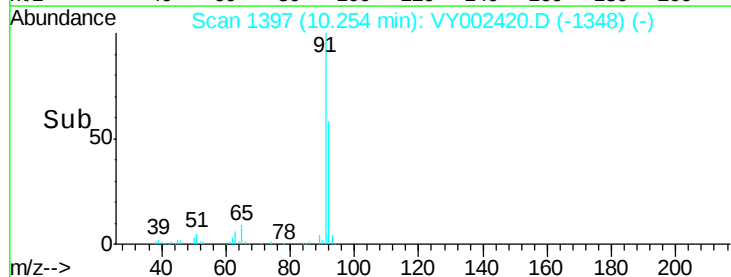
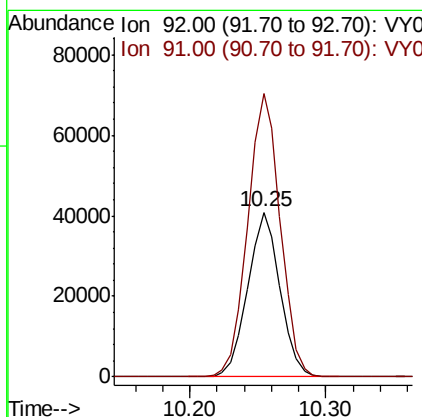
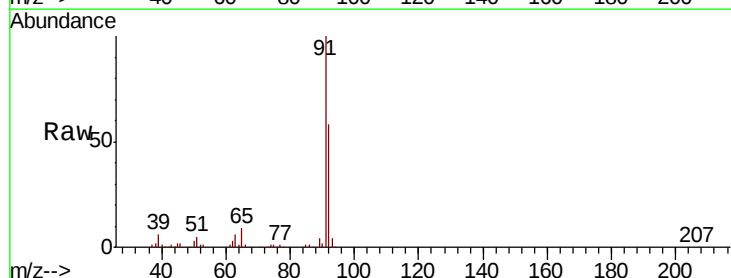
Instrument :
 MSVOA_Y
 ClientSampled :

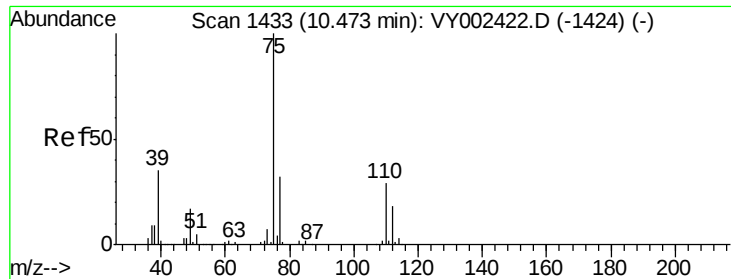
Tot Ion: 43 Resp: 80064
 Ion Ratio Lower Upper
 43 100
 58 46.2 36.8 55.2



#52
 Toluene
 Concen: 8.828 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 92 Resp: 67669
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 8.323 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

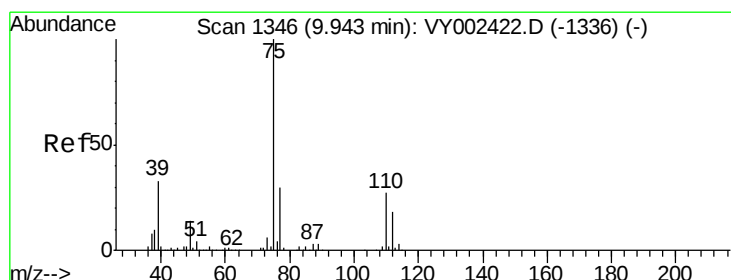
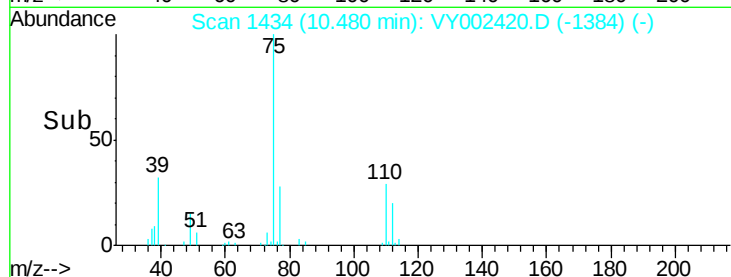
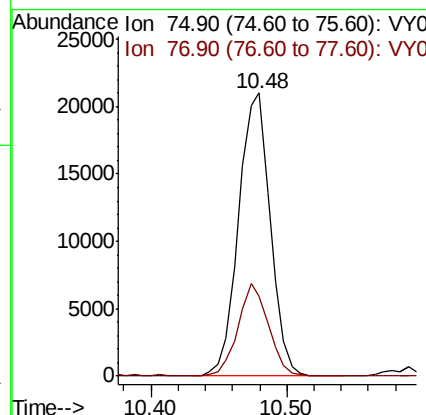
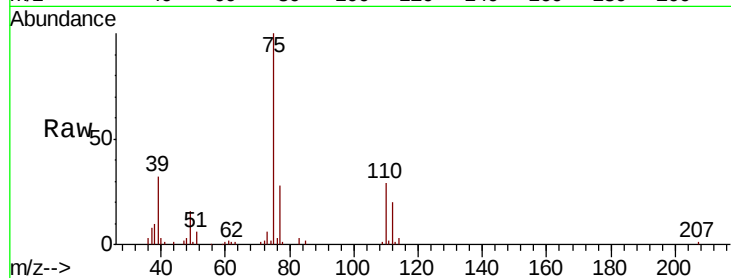
ClientSampleId :

Tot Ion: 75 Resp: 34086

Ion Ratio Lower Upper

75 100

77 28.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 8.247 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

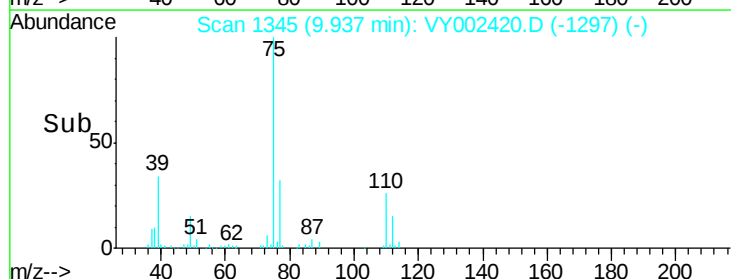
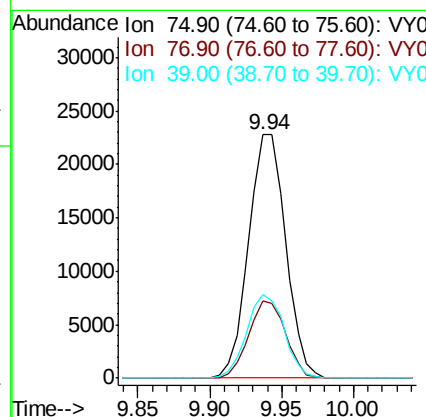
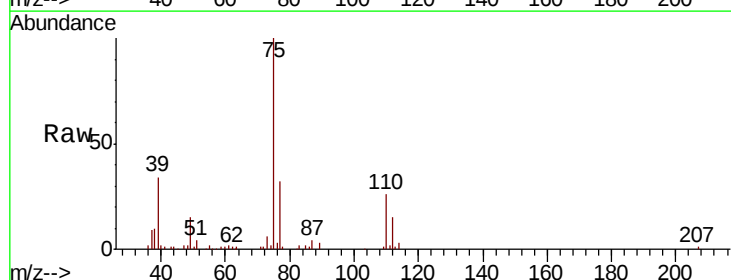
Tgt Ion: 75 Resp: 40576

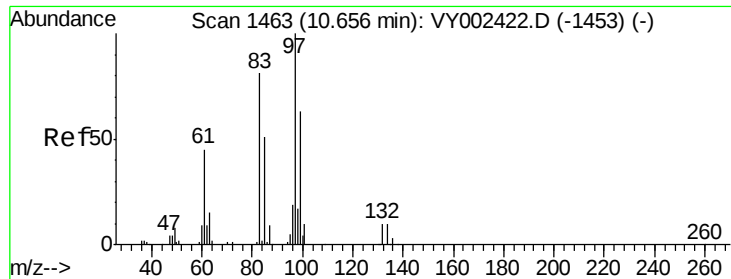
Ion Ratio Lower Upper

75 100

77 31.9 24.2 36.4

39 34.4 26.6 40.0

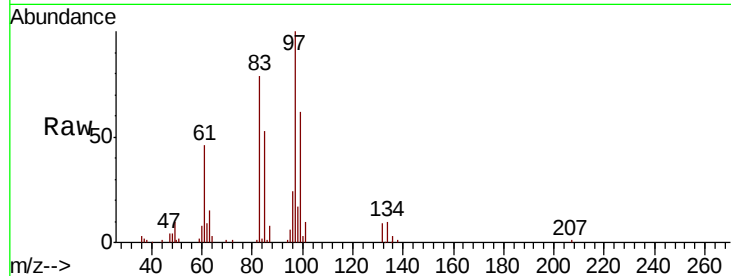




#55
 1,1,2-Trichloroethane
 Concen: 9.030 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	21849
Ion	Ratio	Lower	Upper
97	100		
83	78.5	64.6	96.8
85	52.5	41.1	61.7
99	62.4	50.2	75.2



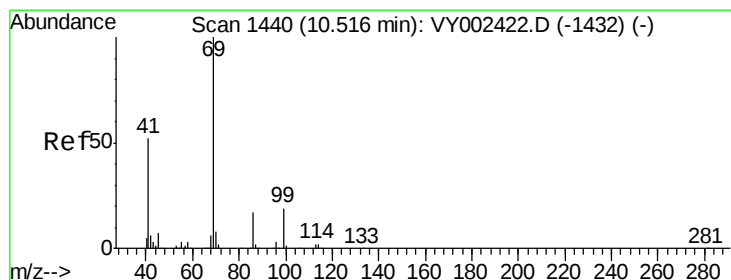
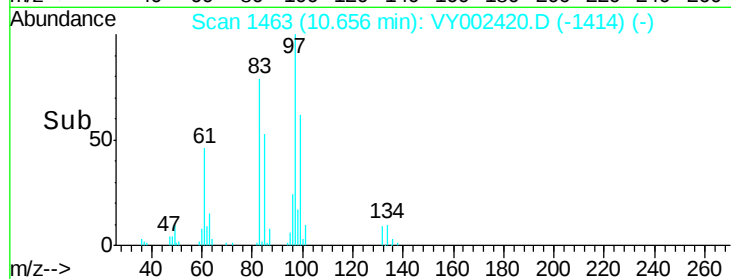
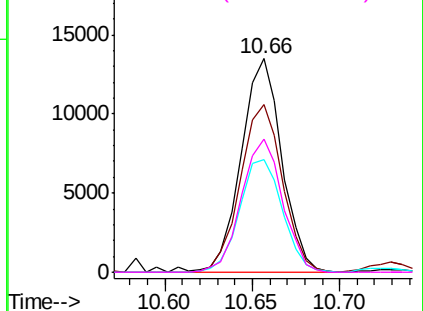
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

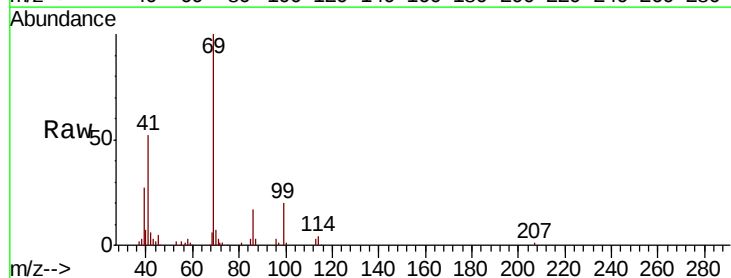
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 7.916 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion:	69	Resp:	26931
Ion	Ratio	Lower	Upper
69	100		
41	52.7	42.0	63.0
39	28.0	21.2	31.8

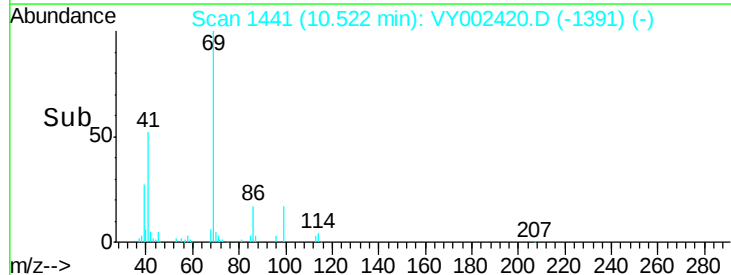
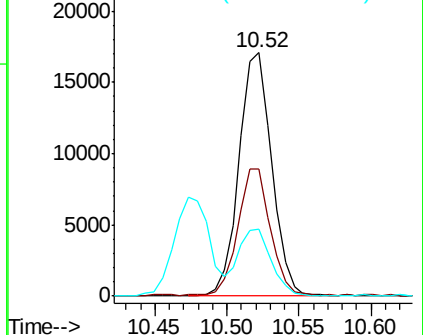


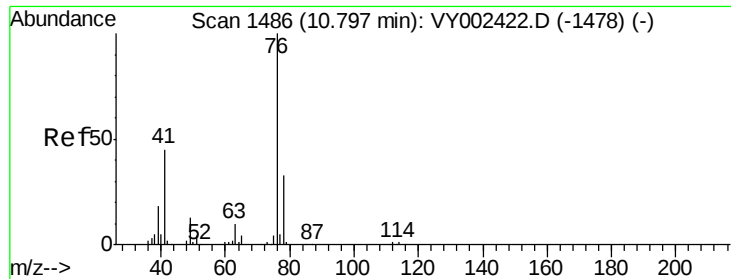
Abundance

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: 8.366 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

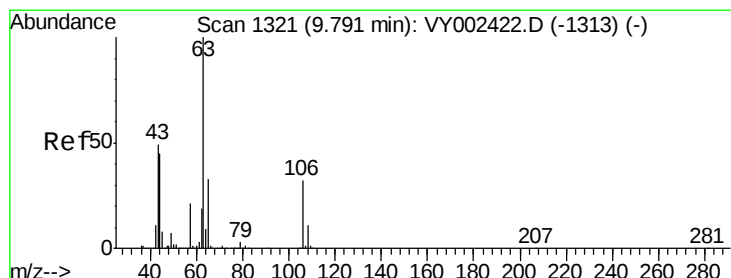
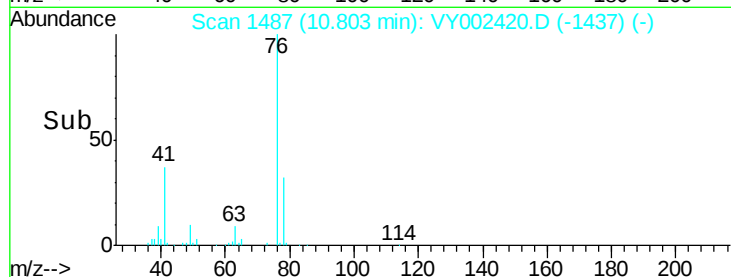
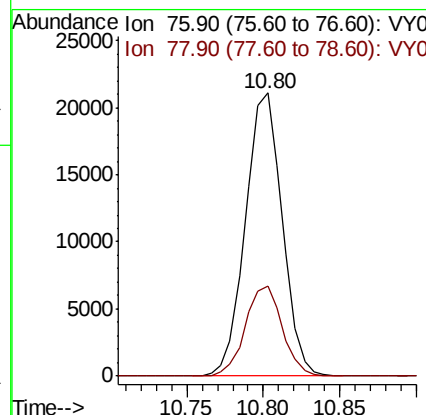
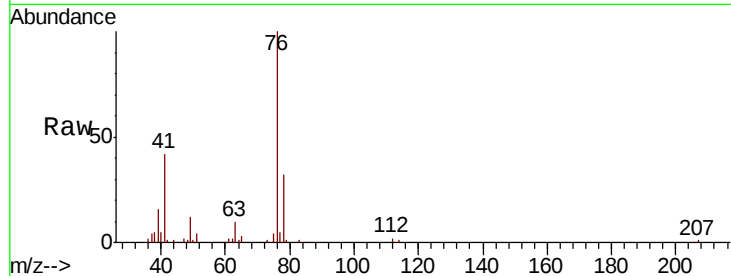
ClientSampleId :

Tot Ion: 76 Resp: 35214

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 39.511 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002420.D

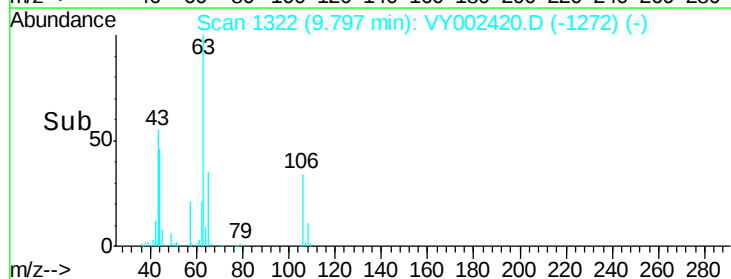
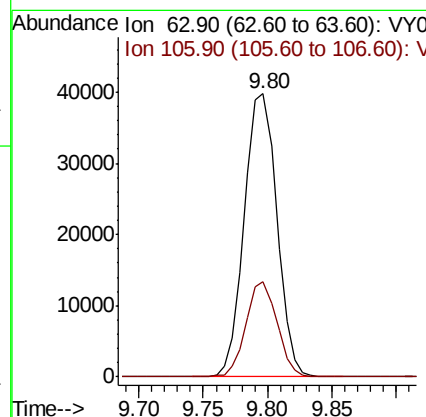
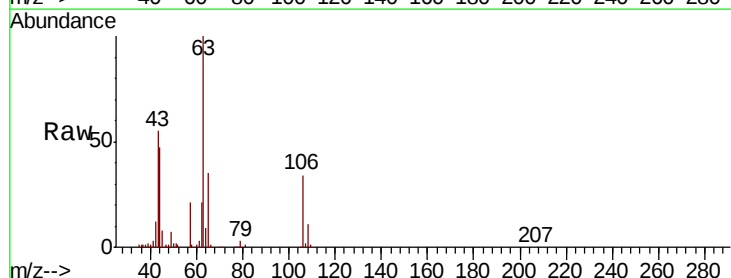
Acq: 20 Apr 2020 13:33

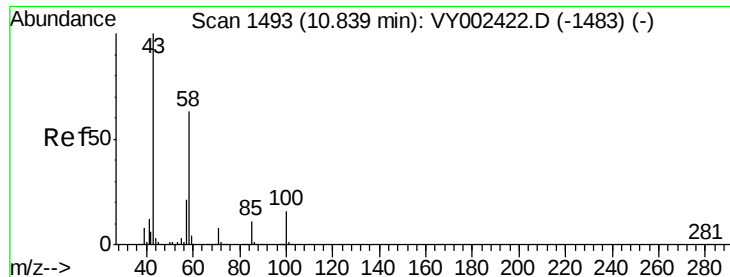
Tgt Ion: 63 Resp: 69745

Ion Ratio Lower Upper

63 100

106 32.0 26.2 39.4

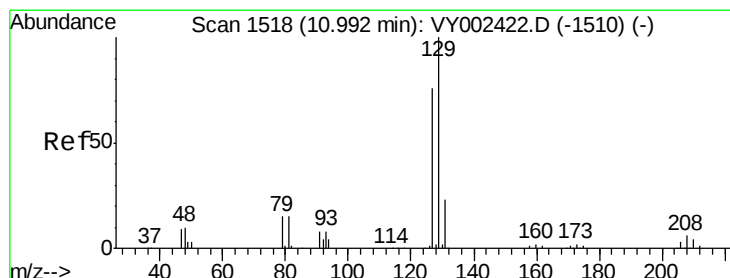
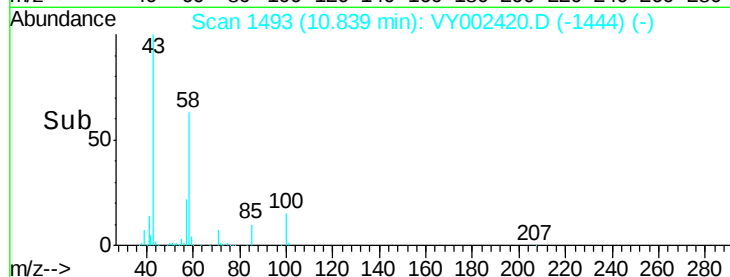
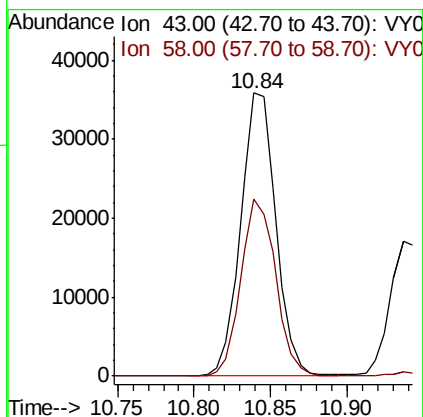
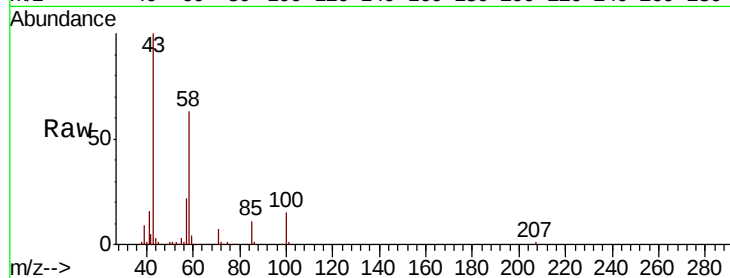




#59
2-Hexanone
Concen: 37.243 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

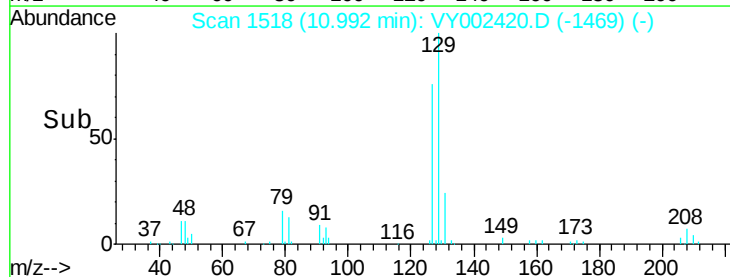
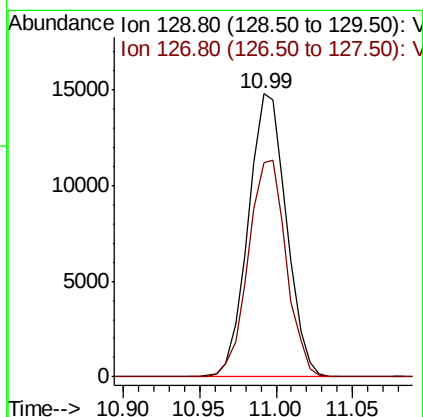
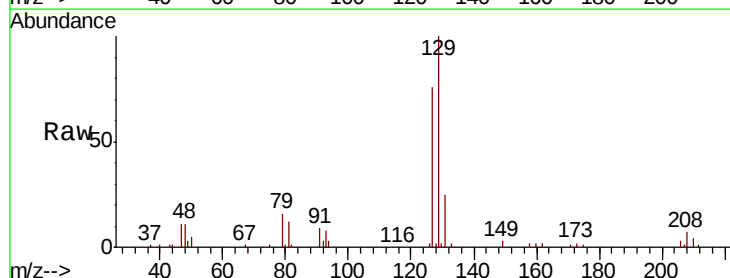
Instrument :
MSVOA_Y
ClientSampleId :

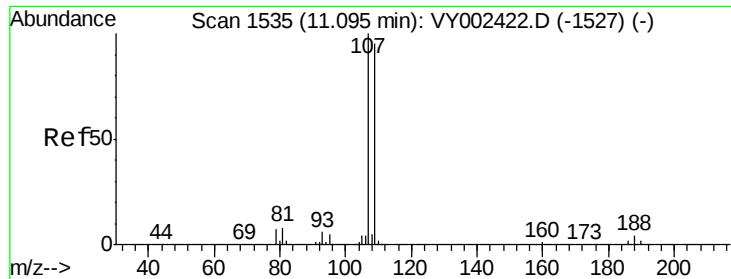
Tot Ion: 43 Resp: 57318
Ion Ratio Lower Upper
43 100
58 61.9 32.5 97.4



#60
Dibromochloromethane
Concen: 9.758 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 129 Resp: 25667
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.7

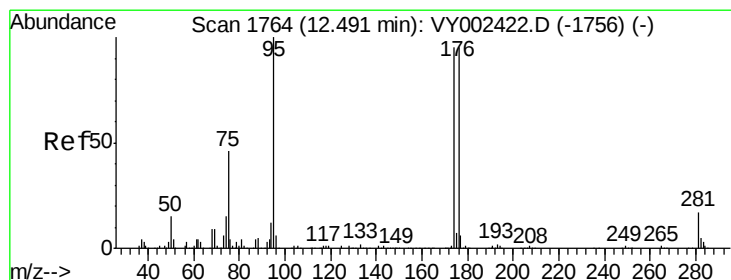
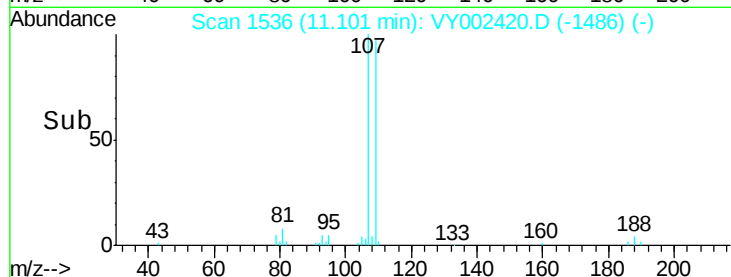
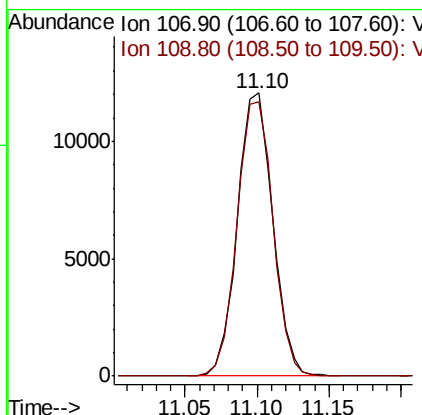
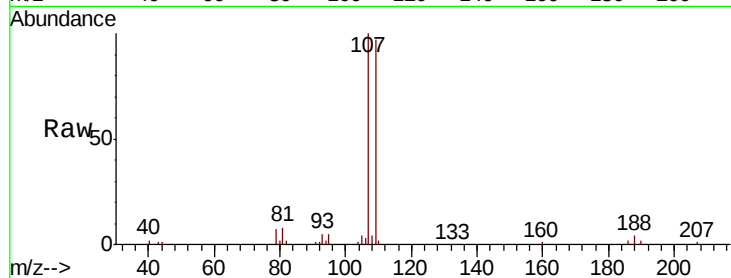




#61
 1,2-Dibromoethane
 Concen: 8.873 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

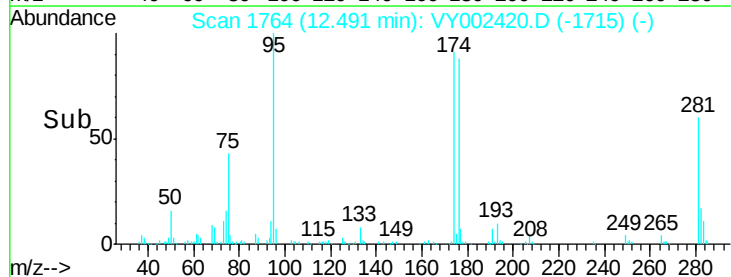
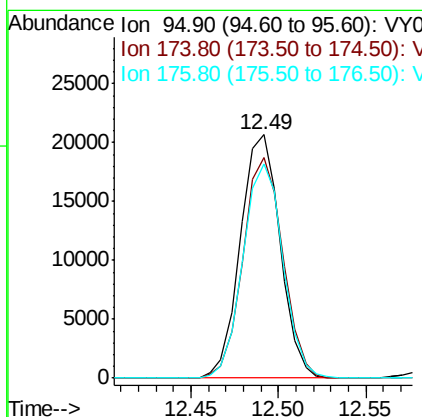
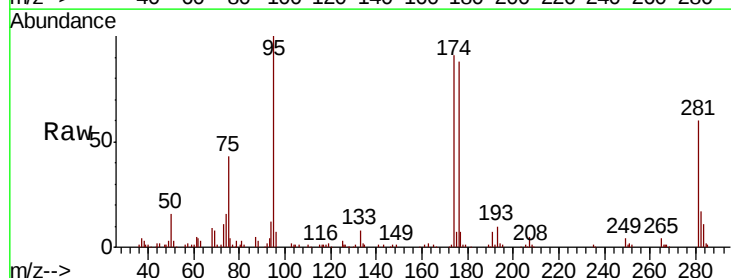
Instrument :
 MSVOA_Y
 ClientSampled :

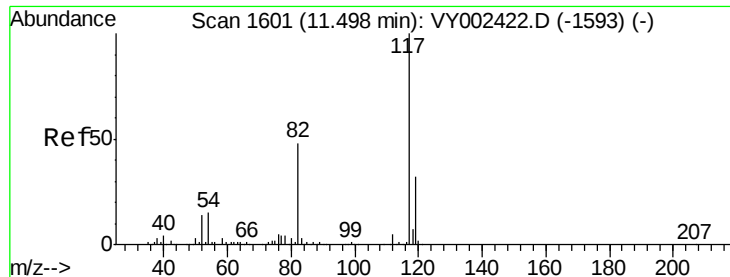
Tot Ion:107 Resp: 20562
 Ion Ratio Lower Upper
 107 100
 109 98.4 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 9.489 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 95 Resp: 32807
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 185.8
 176 88.9 0.0 181.2

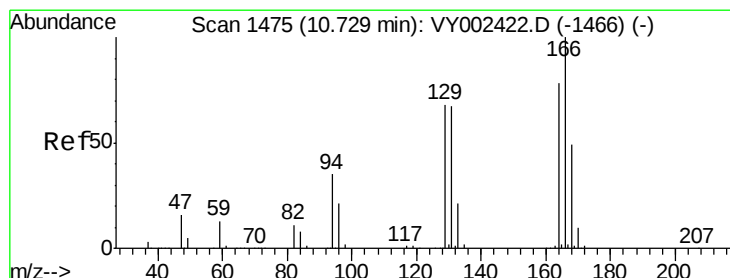
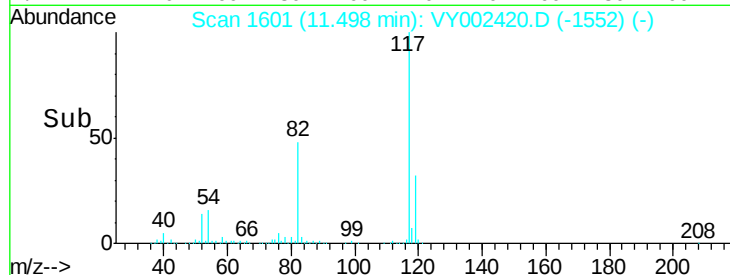
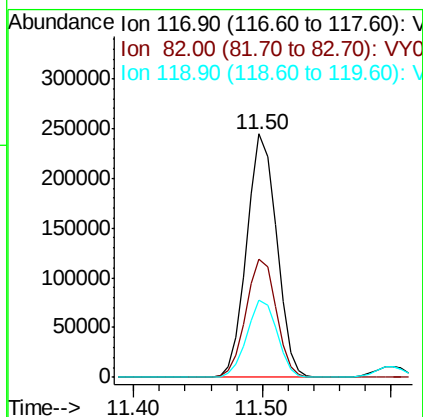
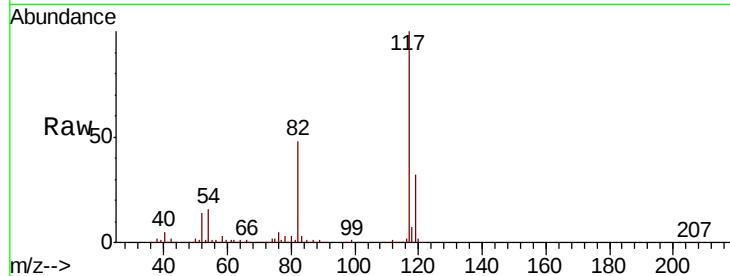




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

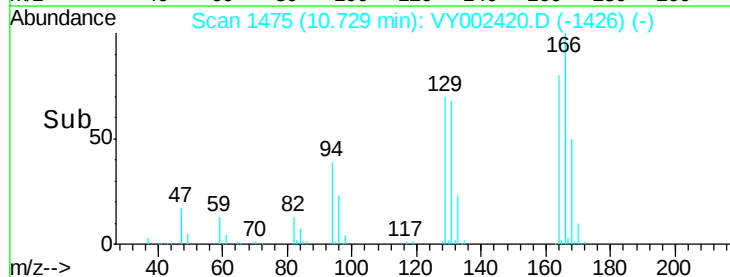
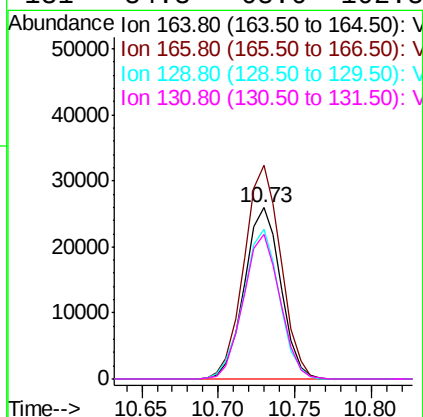
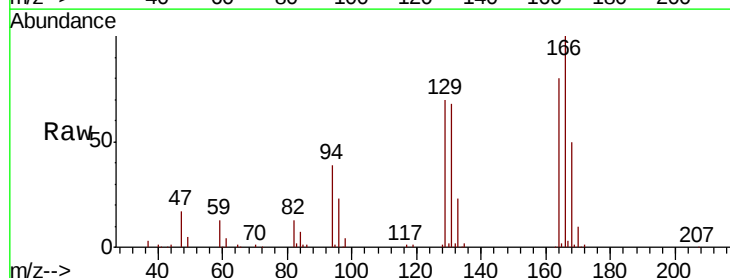
Instrument :
MSVOA_Y
ClientSampleId :

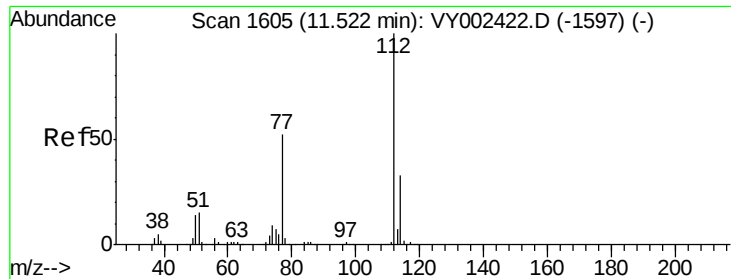
Tot Ion:117 Resp: 390503
Ion Ratio Lower Upper
117 100
82 48.4 38.4 57.6
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 10.754 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion:164 Resp: 43017
Ion Ratio Lower Upper
164 100
166 124.6 102.4 153.6
129 87.6 70.1 105.1
131 84.3 68.6 102.8

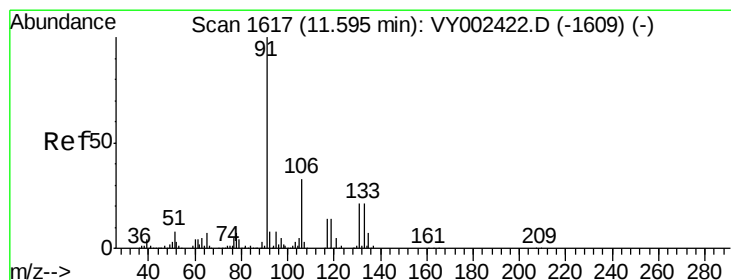
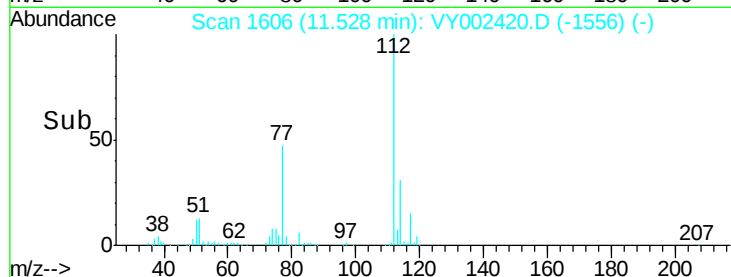
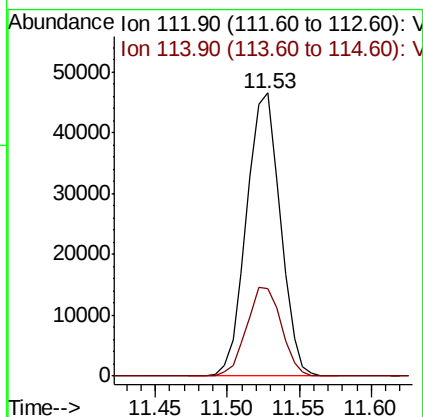
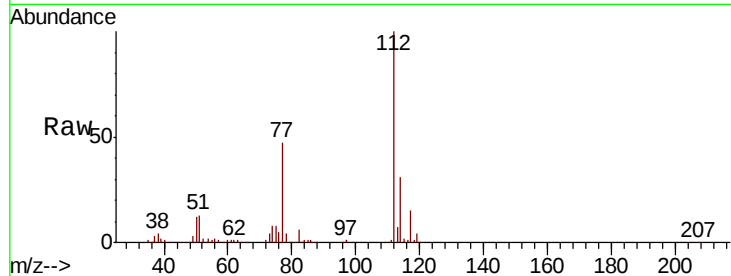




#65
Chlorobenzene
Concen: 9.394 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

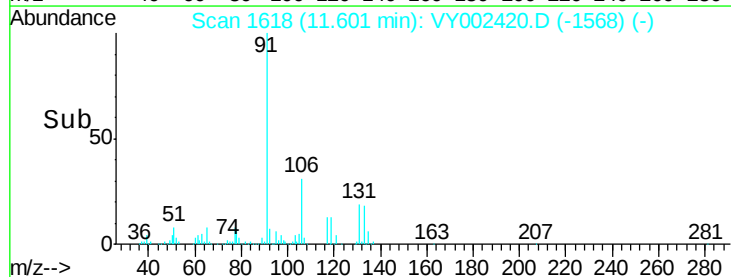
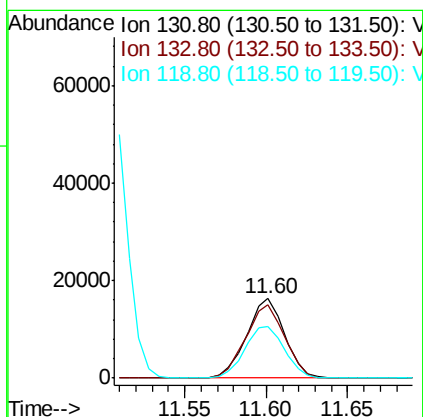
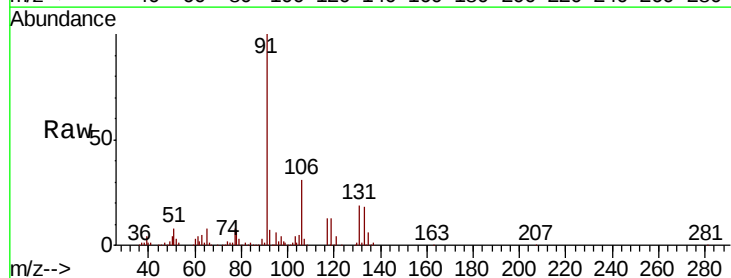
Instrument :
MSVOA_Y
ClientSampleId :

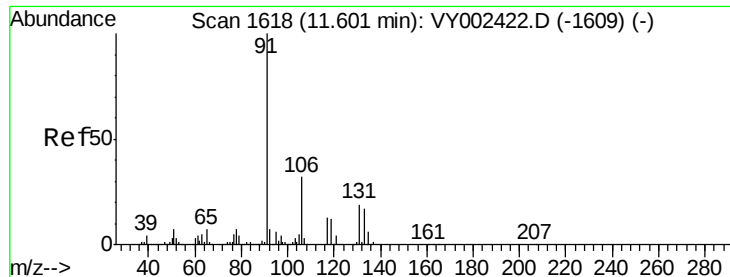
Tot Ion:112 Resp: 75527
Ion Ratio Lower Upper
112 100
114 30.8 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 9.855 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion:131 Resp: 26376
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 68.3 33.5 100.4

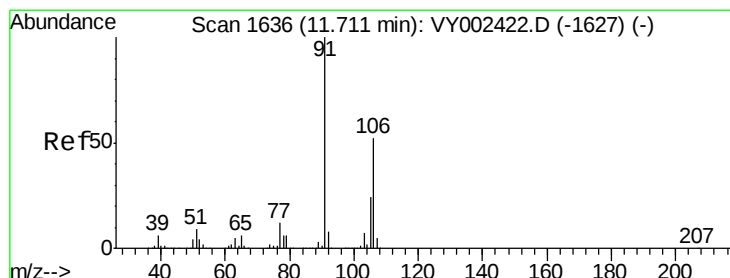
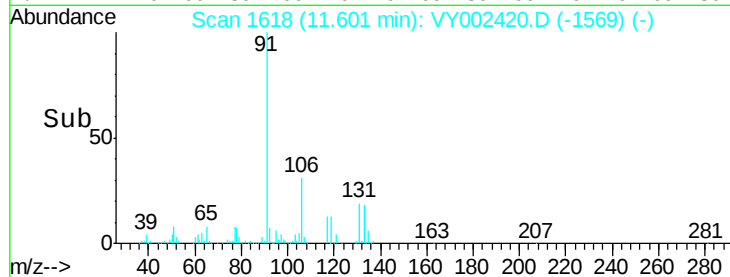
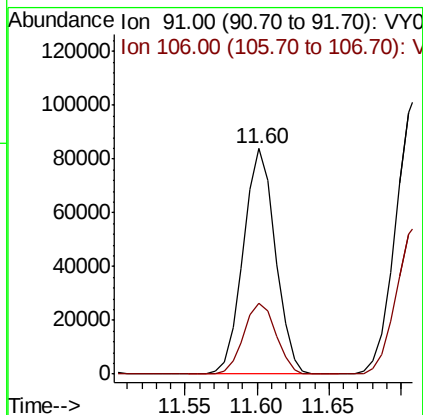
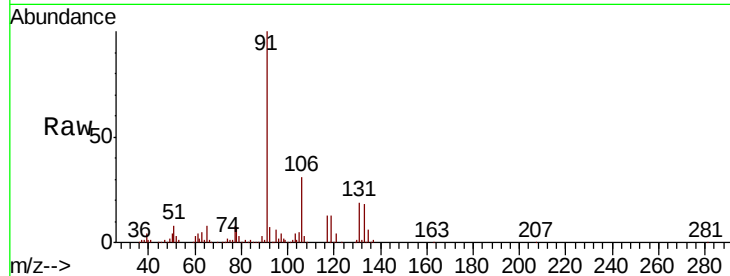




#67
Ethyl Benzene
Concen: 8.870 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

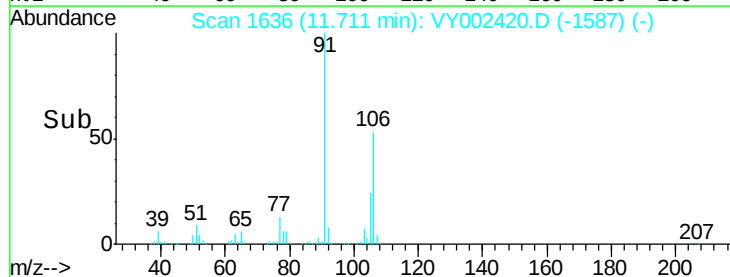
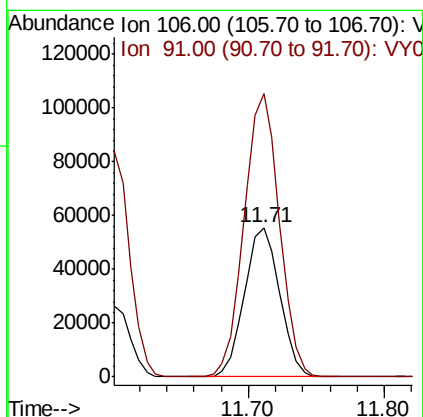
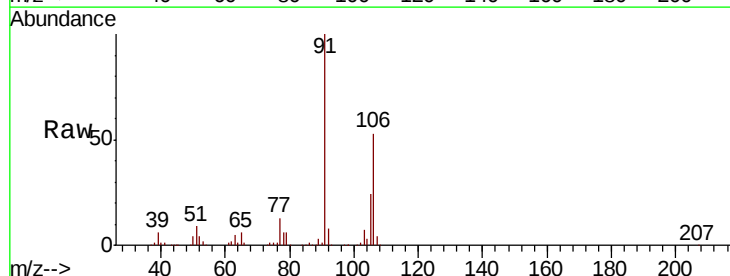
Instrument :
MSVOA_Y
ClientSampled :

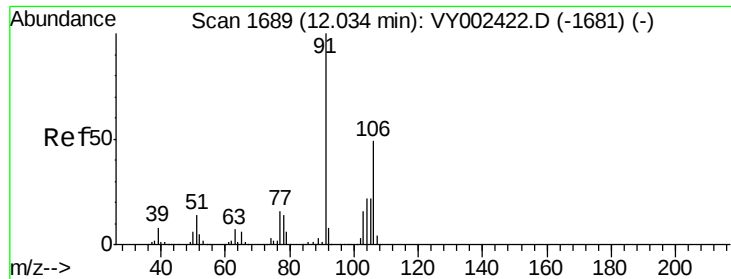
Tot Ion: 91 Resp: 129248
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8



#68
m/p-Xylenes
Concen: 18.394 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 106 Resp: 101034
Ion Ratio Lower Upper
106 100
91 189.1 153.6 230.4

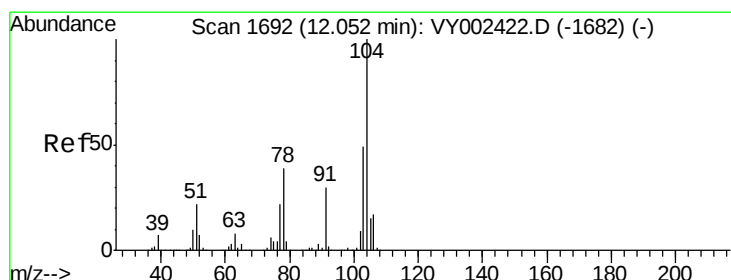
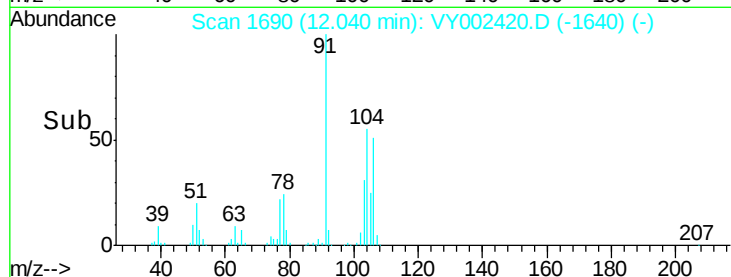
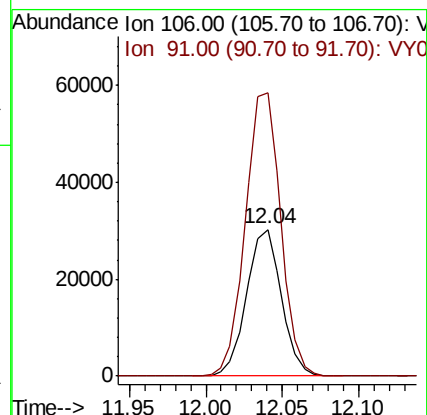
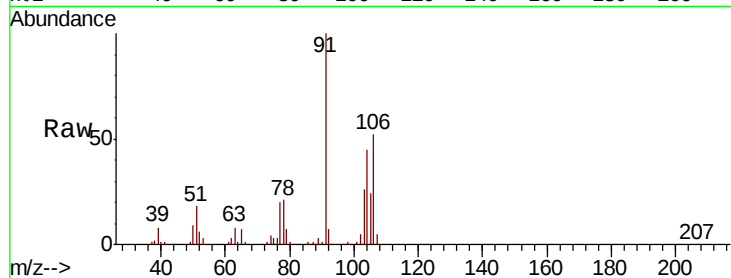




#69
o-Xylene
Concen: 9.274 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

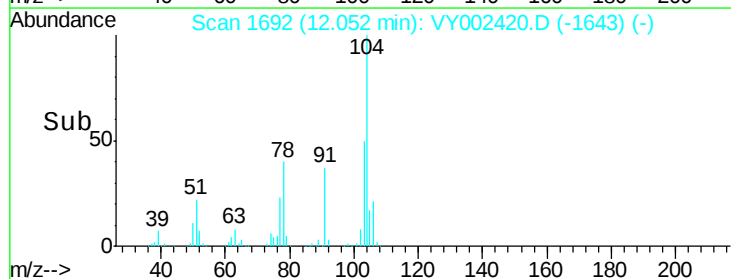
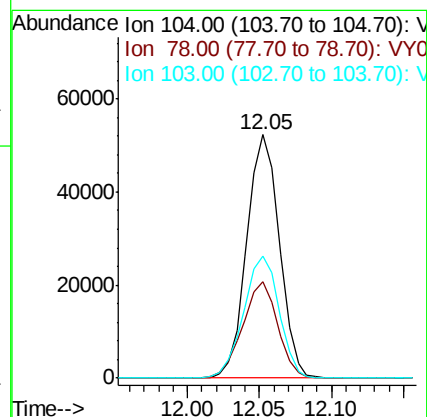
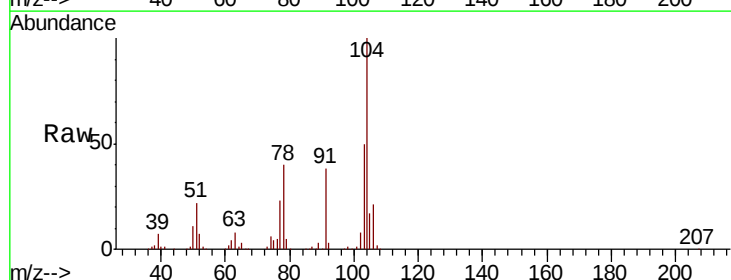
Instrument :
MSVOA_Y
ClientSampleId :

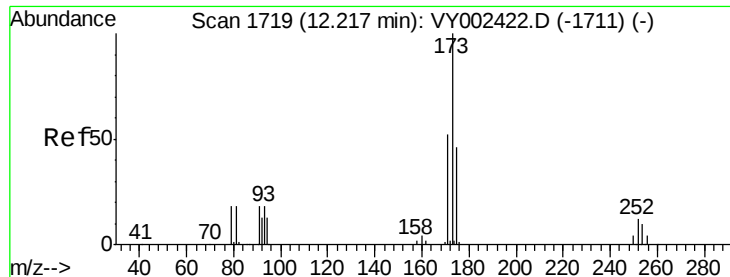
Tot Ion:106 Resp: 47821
Ion Ratio Lower Upper
106 100
91 196.0 100.4 301.2



#70
Styrene
Concen: 9.209 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion:104 Resp: 82268
Ion Ratio Lower Upper
104 100
78 42.5 34.5 51.7
103 54.8 43.4 65.2





#71

Bromoform

Concen: 10.964 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

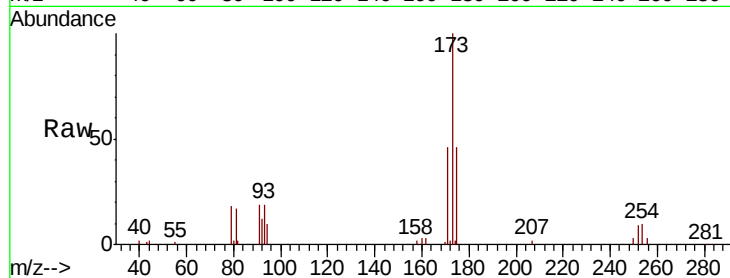
Tot Ion:173 Resp: 16275

Ion Ratio Lower Upper

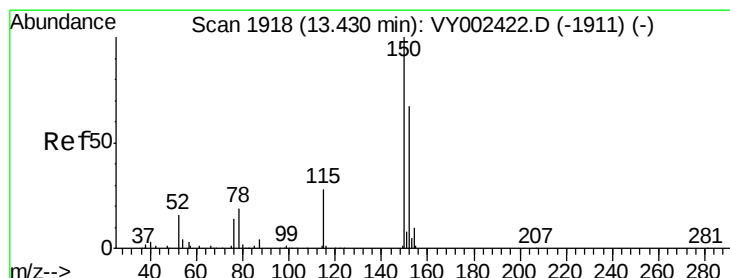
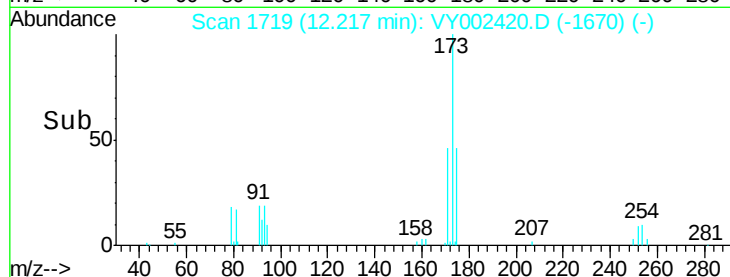
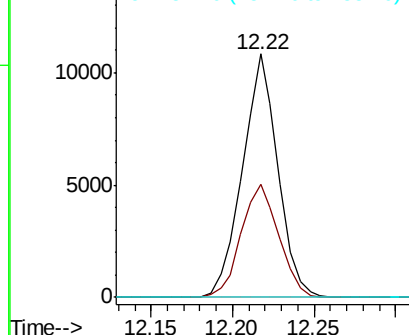
173 100

175 49.2 23.9 71.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

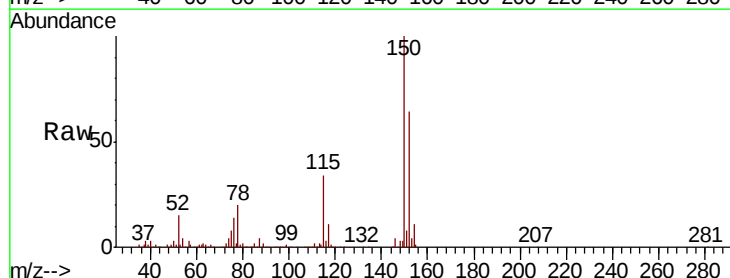
Tgt Ion:152 Resp: 197557

Ion Ratio Lower Upper

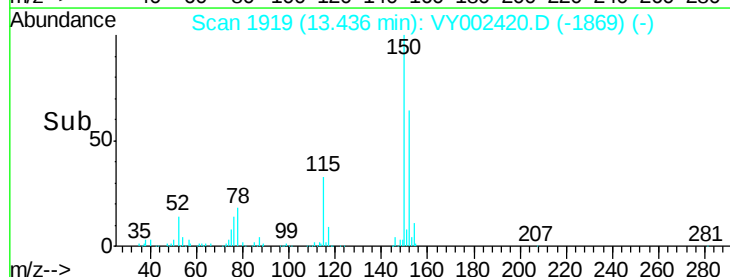
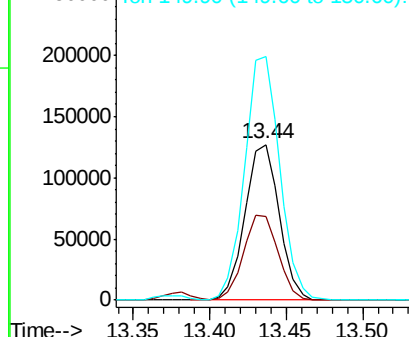
152 100

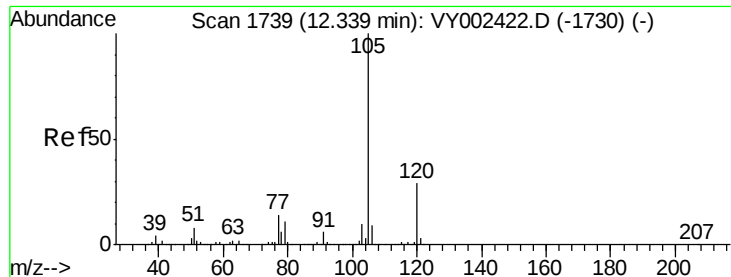
115 55.3 27.3 81.8

150 160.7 0.0 344.0



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: 8.541 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

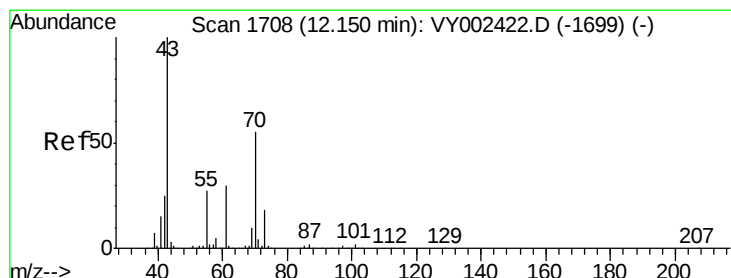
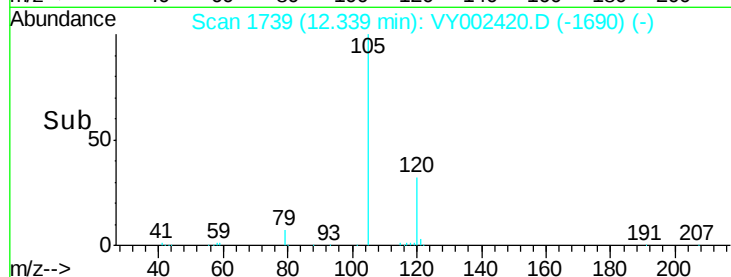
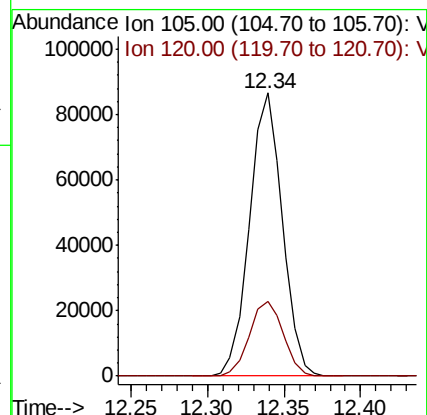
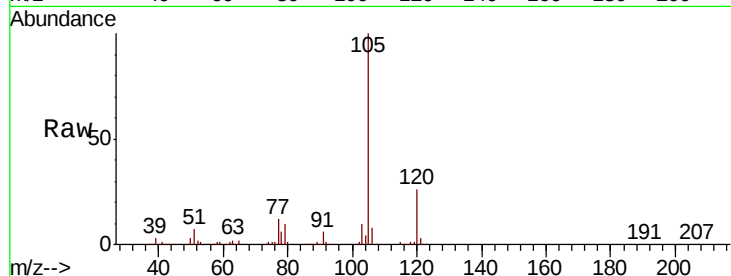
ClientSampleId :

Tot Ion:105 Resp: 128981

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.7



#74

N-ethyl acetate

Concen: 6.531 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Tgt Ion: 43 Resp: 27240

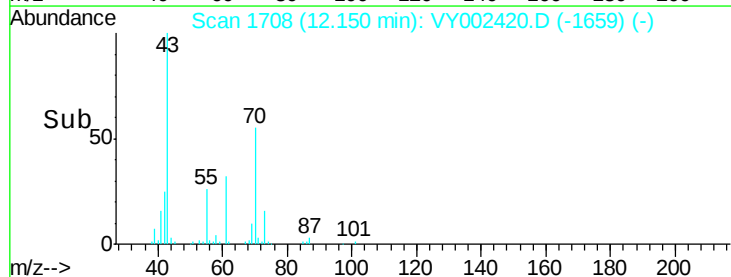
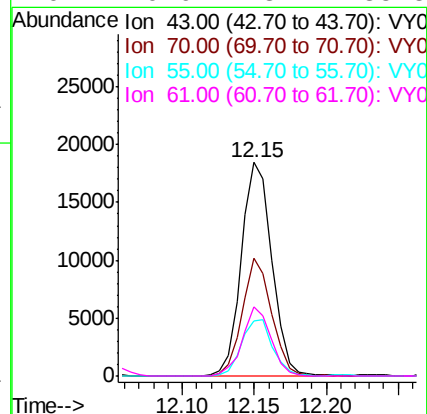
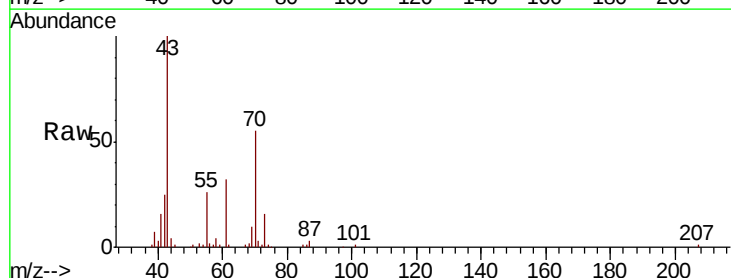
Ion Ratio Lower Upper

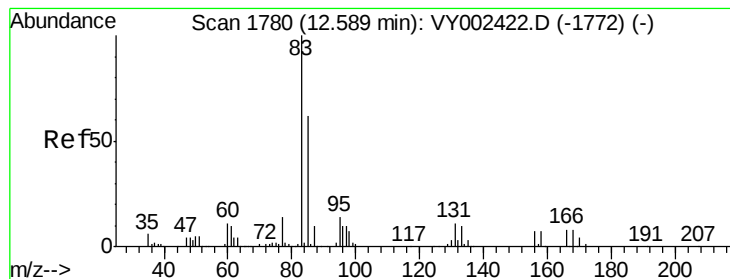
43 100

70 52.7 42.6 63.8

55 26.9 21.0 31.4

61 29.9 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 8.551 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampled :

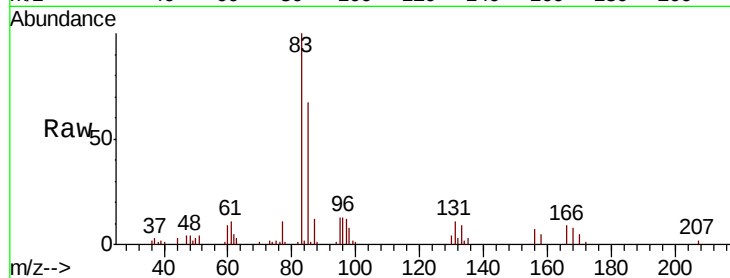
Tot Ion: 83 Resp: 15652

Ion Ratio Lower Upper

83 100

131 12.2 5.9 17.6

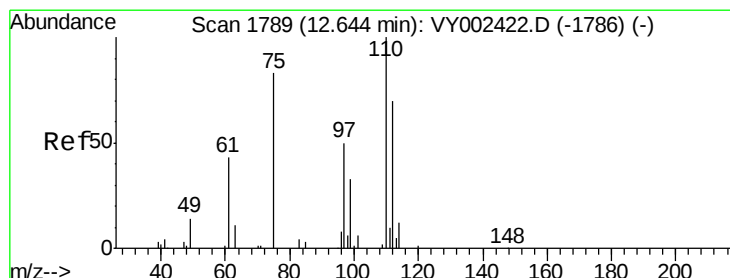
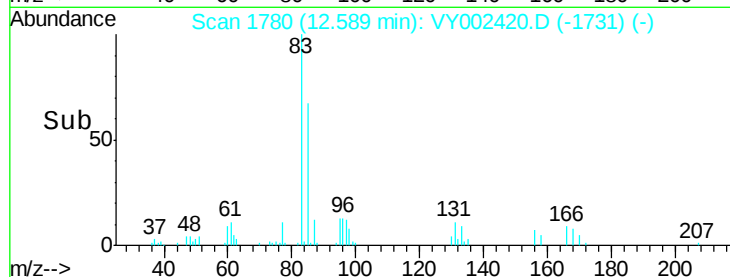
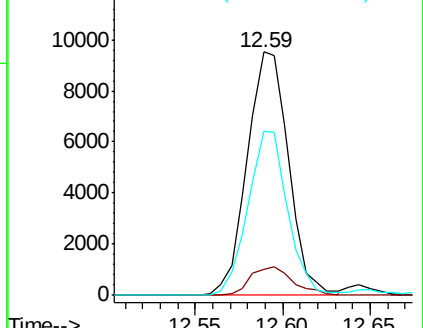
85 65.3 32.6 98.0



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: 14.629 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002420.D

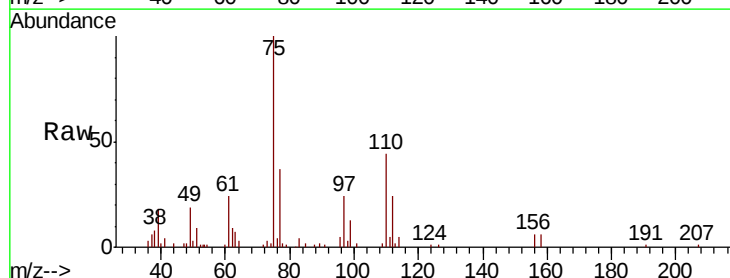
Acq: 20 Apr 2020 13:33

Tgt Ion: 75 Resp: 32135

Ion Ratio Lower Upper

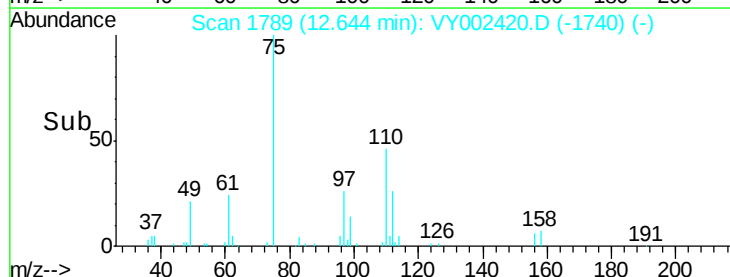
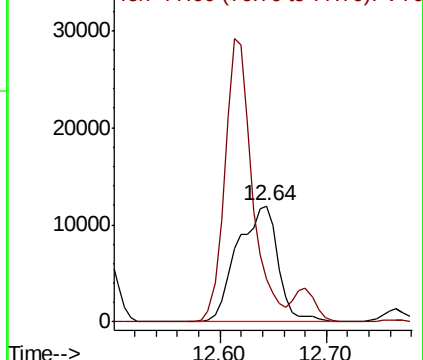
75 100

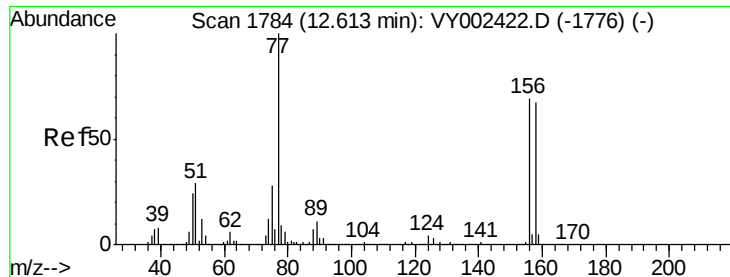
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 9.538 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

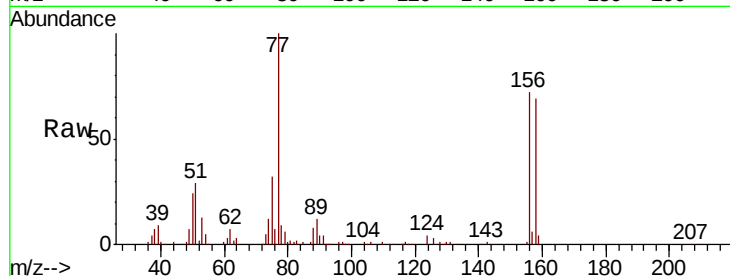
Tot Ion:156 Resp: 32368

Ion Ratio Lower Upper

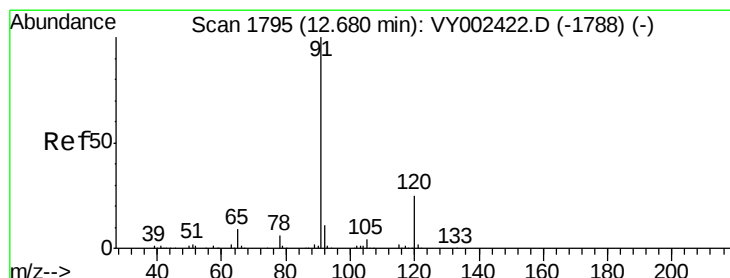
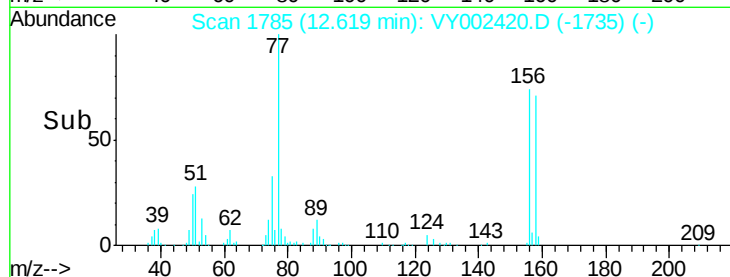
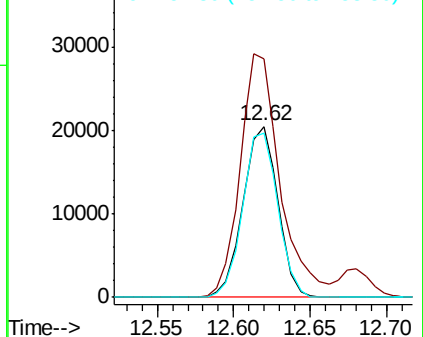
156 100

77 162.9 80.2 240.6

158 97.0 48.4 145.0



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: 8.045 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002420.D

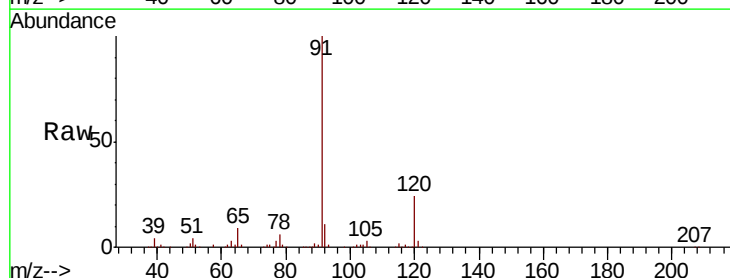
Acq: 20 Apr 2020 13:33

Tgt Ion: 91 Resp: 150183

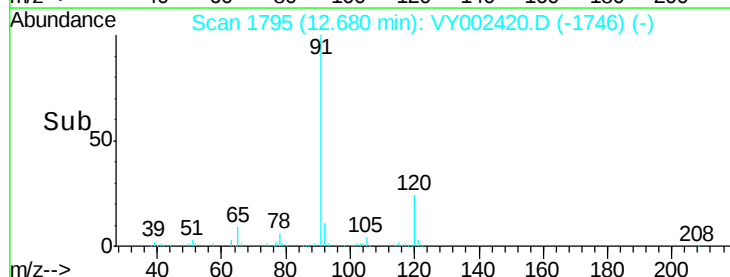
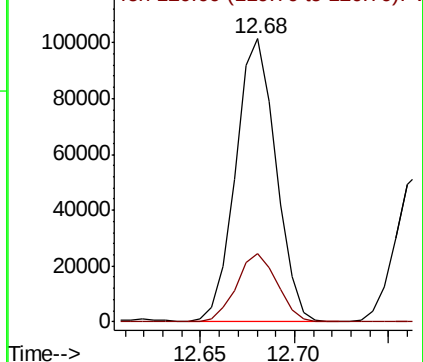
Ion Ratio Lower Upper

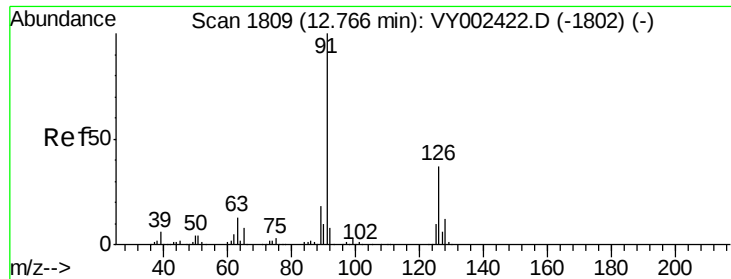
91 100

120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V

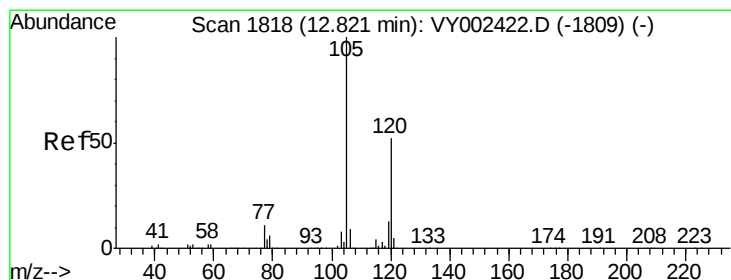
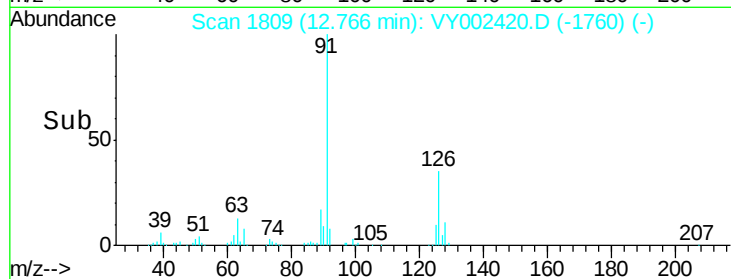
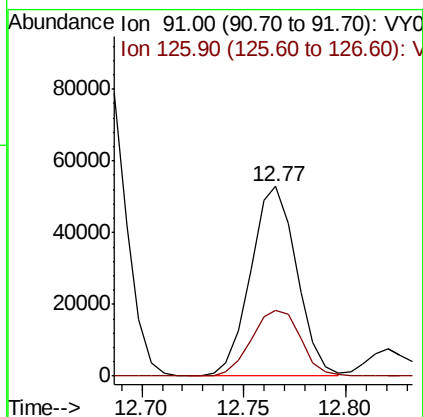
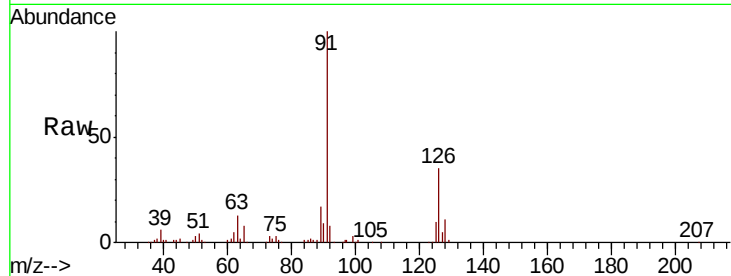




#79
 2-Chlorotoluene
 Concen: 8.207 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

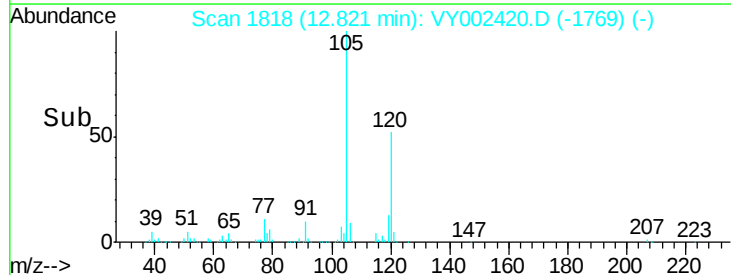
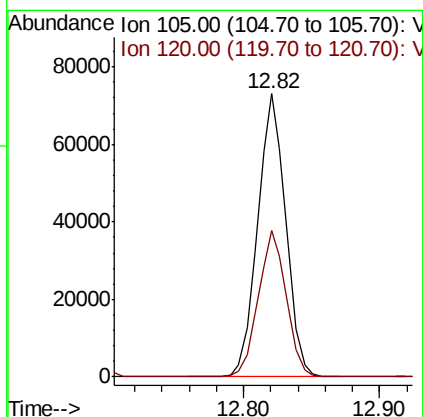
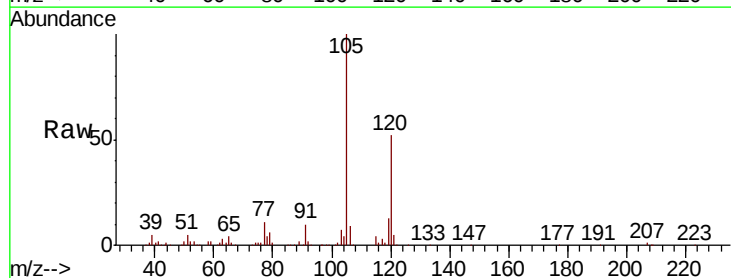
Instrument :
 MSVOA_Y
 ClientSampleId :

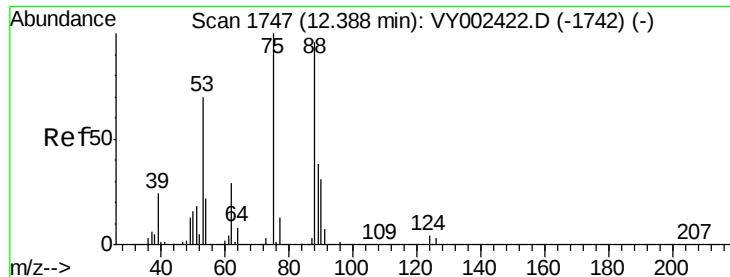
Tot Ion: 91 Resp: 83303
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.8 56.4



#80
 1,3,5-Trimethylbenzene
 Concen: 8.479 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion: 105 Resp: 105825
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.9 77.6

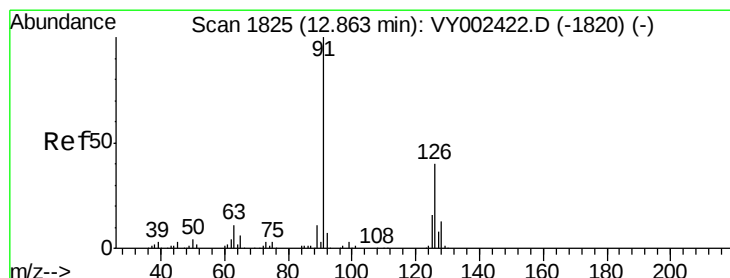
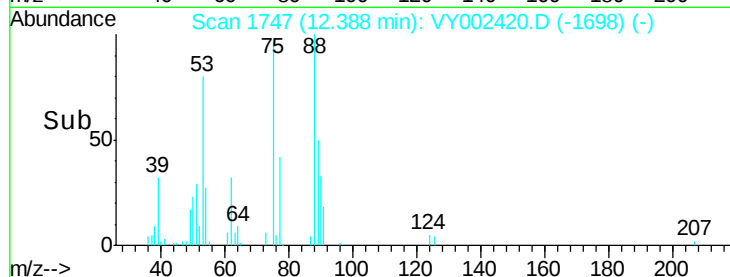
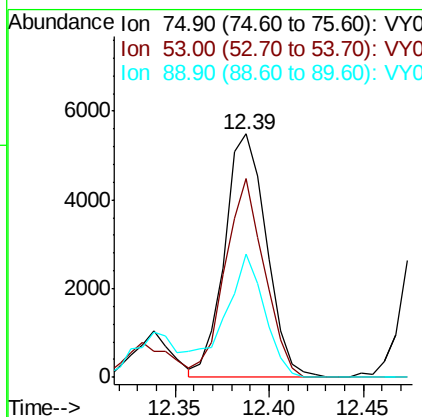
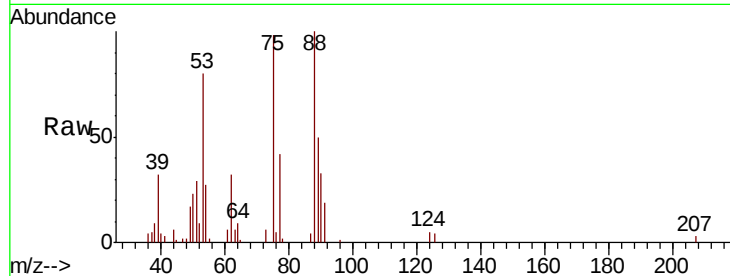




#81
trans-1,4-Dichloro-2-butene
Concen: 7.475 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

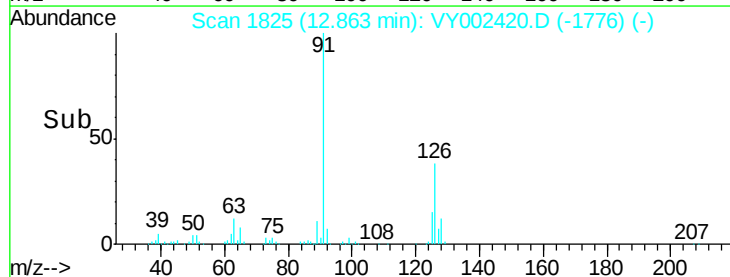
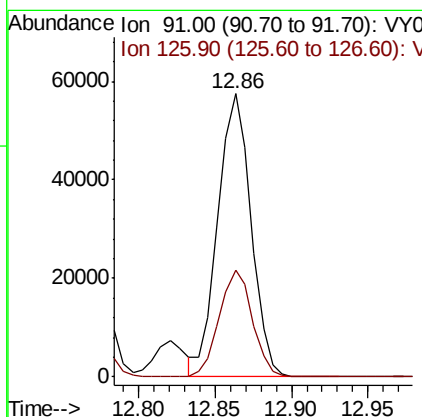
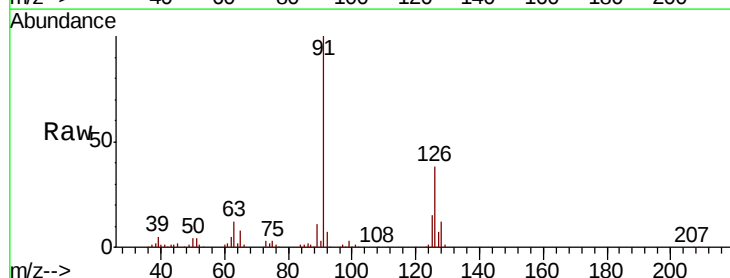
Instrument :
MSVOA_Y
ClientSampled :

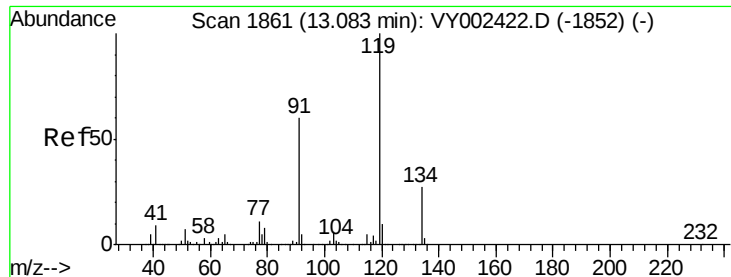
Tot Ion: 75 Resp: 8461
Ion Ratio Lower Upper
75 100
53 76.5 58.7 88.1
89 48.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 8.155 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 91 Resp: 86760
Ion Ratio Lower Upper
91 100
126 37.5 0.0 0.0#

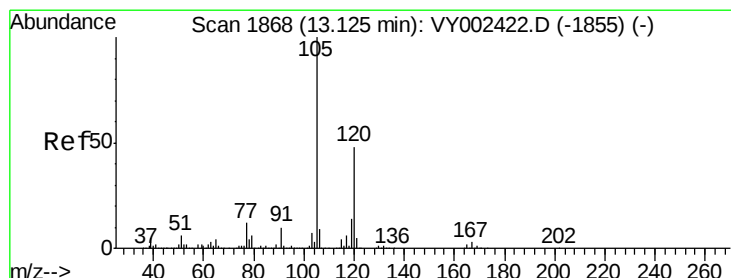
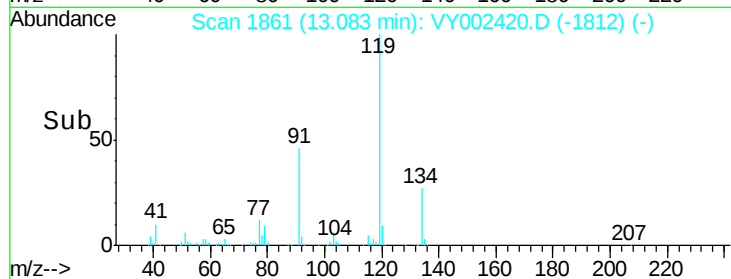
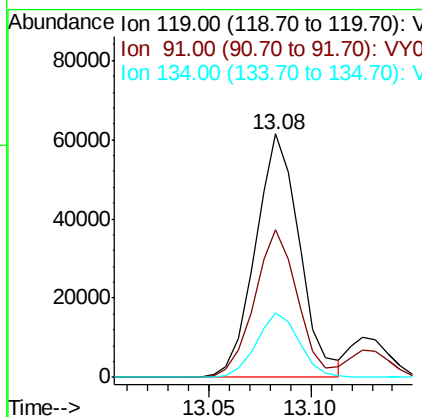
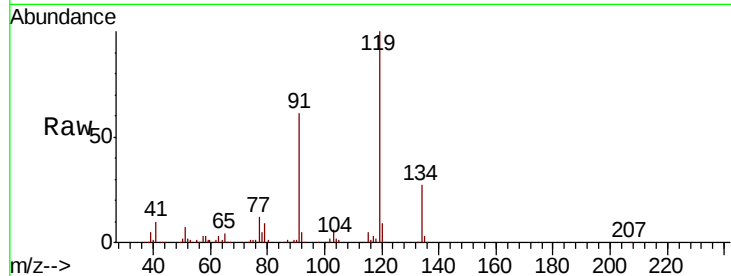




#83
 tert-Butylbenzene
 Concen: 8.820 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

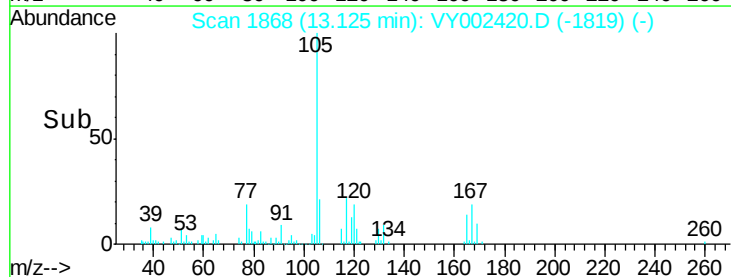
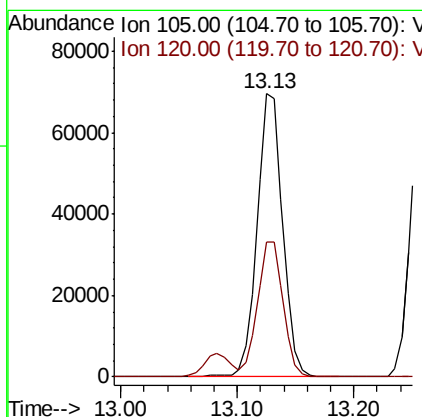
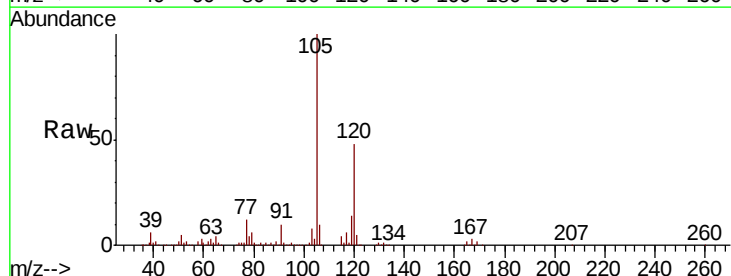
Instrument :
 MSVOA_Y
 ClientSampleId :

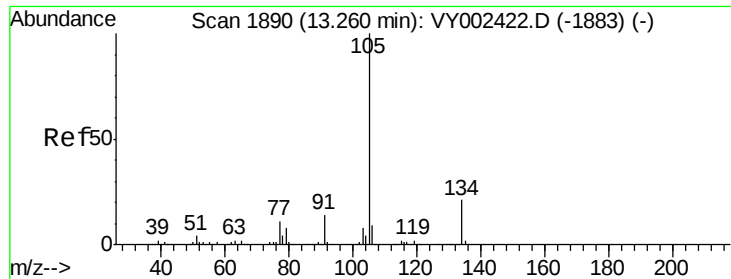
Tot Ion:119 Resp: 92562
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.2 90.6
 134 26.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 8.513 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion:105 Resp: 106174
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.9 71.7





#85

sec-Butylbenzene

Concen: 8.432 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

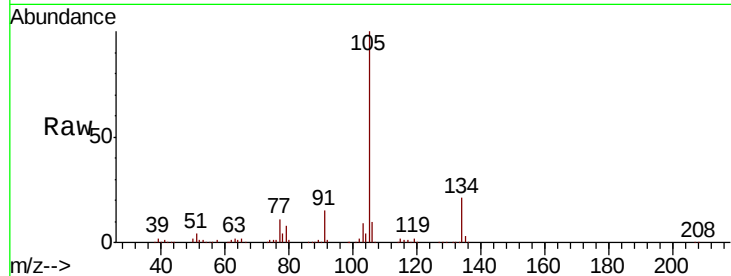
ClientSampleId :

Tot Ion:105 Resp: 131500

Ion Ratio Lower Upper

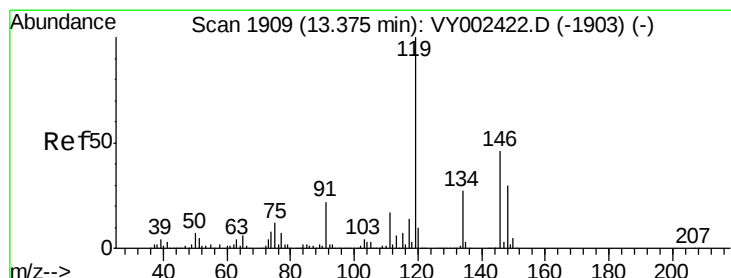
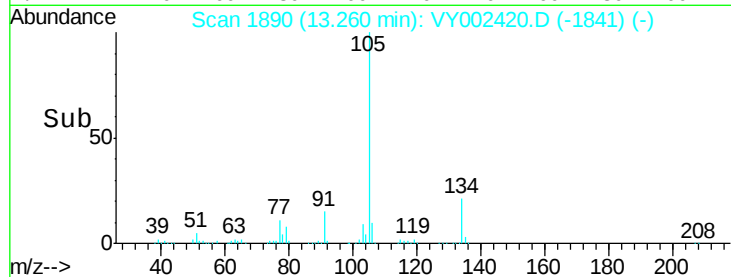
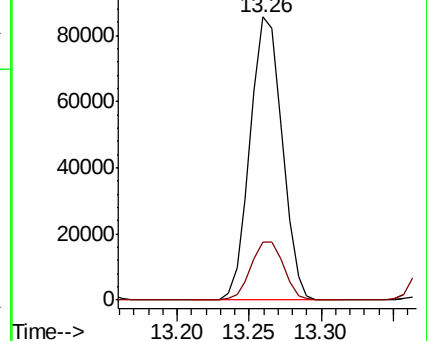
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.900 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

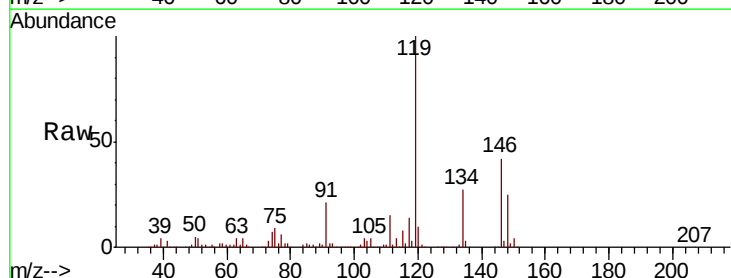
Tgt Ion:119 Resp: 120140

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

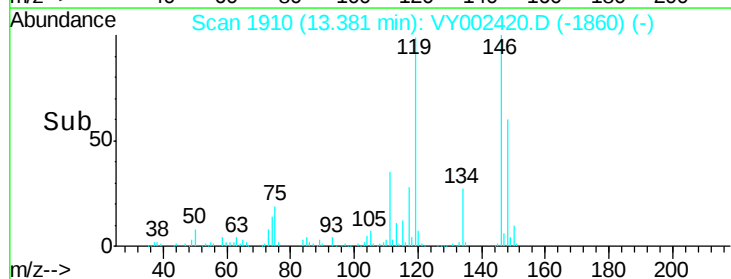
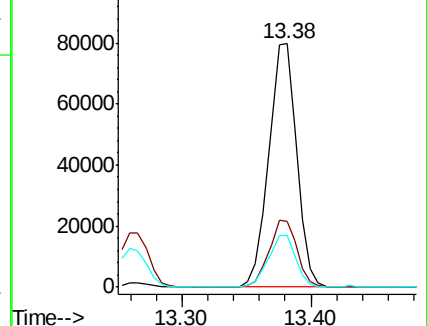
91 21.1 10.7 32.1

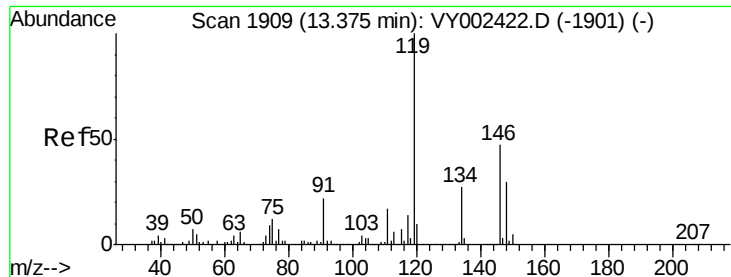


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 9.546 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

Instrument :

MSVOA_Y

ClientSampled :

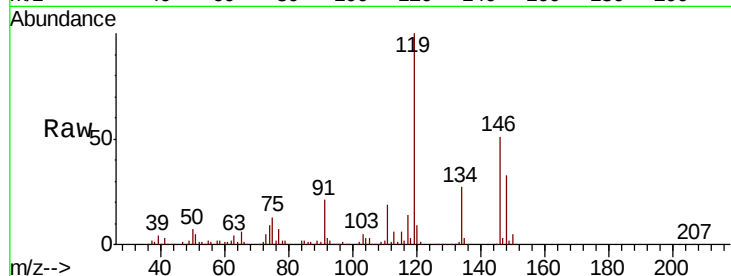
Tot Ion:146 Resp: 62444

Ion Ratio Lower Upper

146 100

111 36.6 18.6 55.8

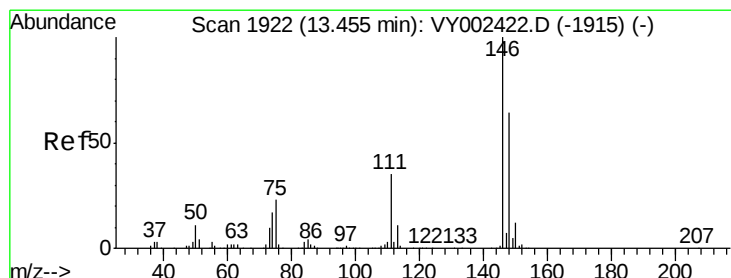
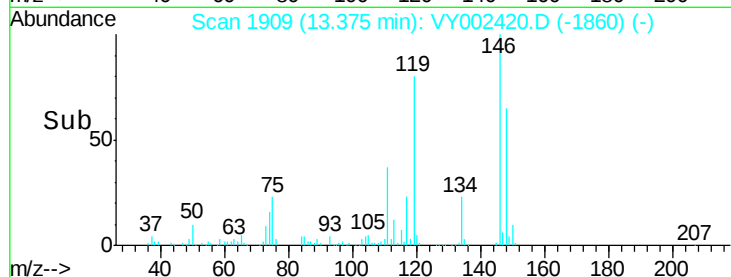
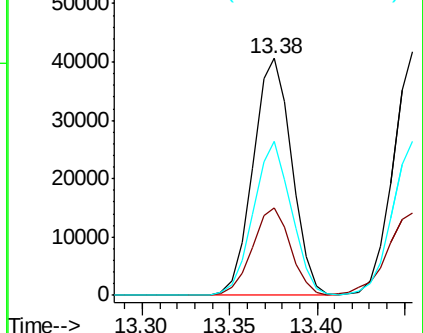
148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.329 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002420.D

Acq: 20 Apr 2020 13:33

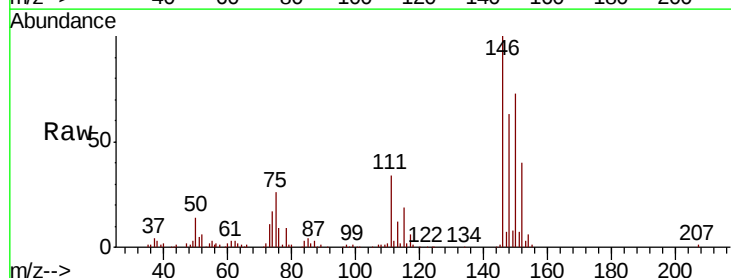
Tgt Ion:146 Resp: 62023

Ion Ratio Lower Upper

146 100

111 38.1 17.9 53.8

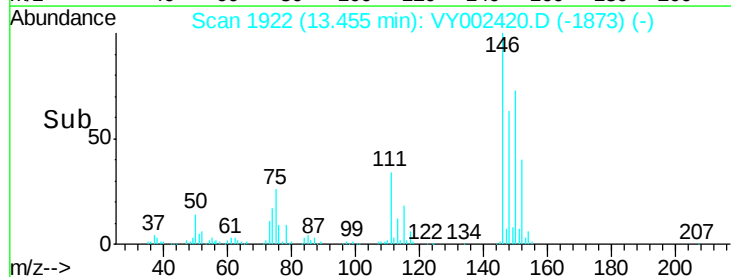
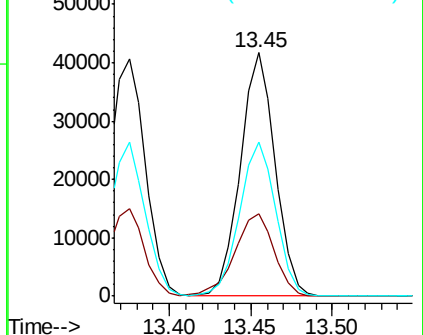
148 65.9 32.1 96.3

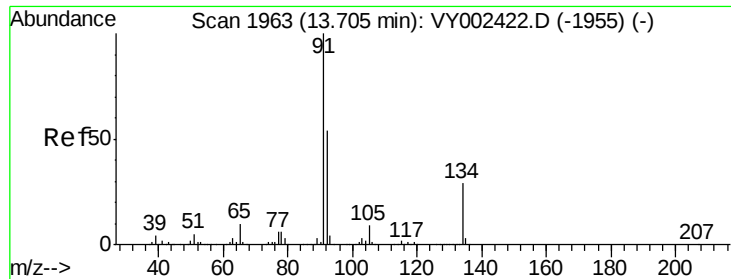


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

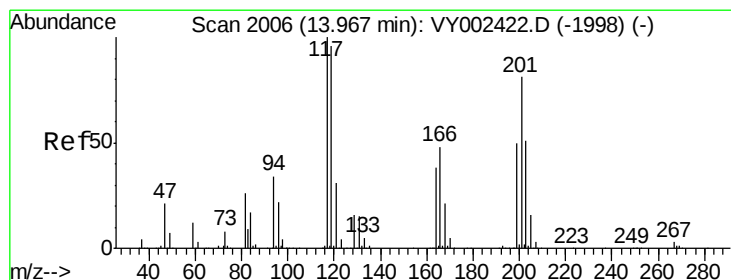
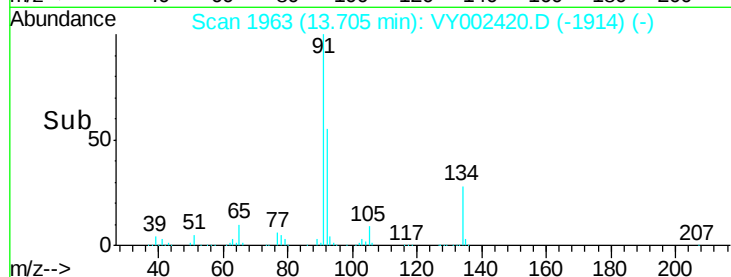
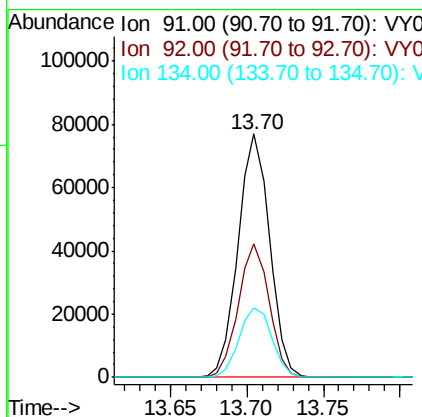
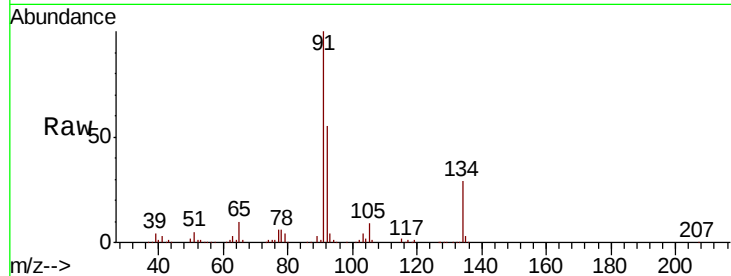




#89
n-Butylbenzene
Concen: 8.065 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

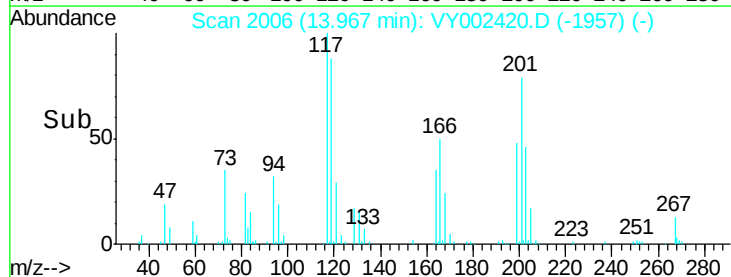
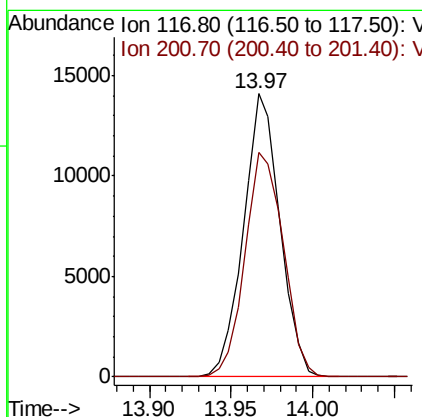
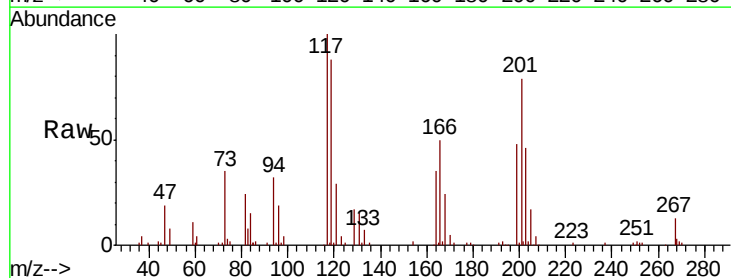
Instrument :
MSVOA_Y
ClientSampled :

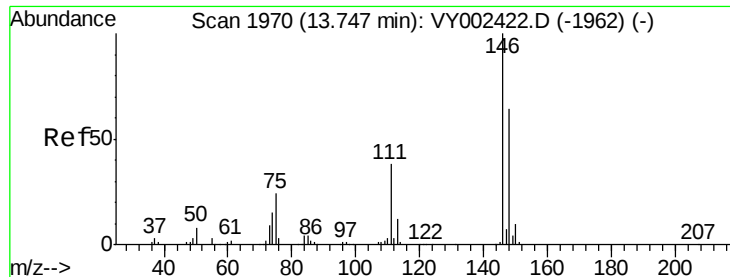
Tot Ion: 91 Resp: 110302
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 29.6 14.4 43.2



#90
Hexachloroethane
Concen: 8.518 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion: 117 Resp: 21867
Ion Ratio Lower Upper
117 100
201 83.7 42.5 127.5

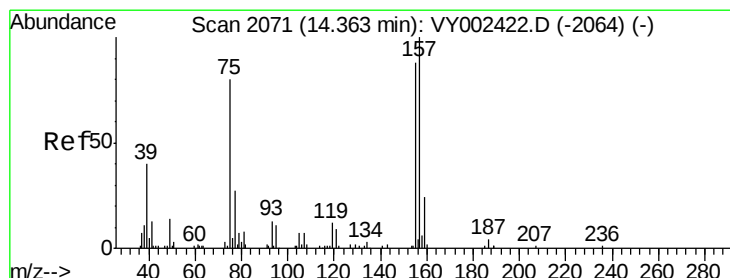
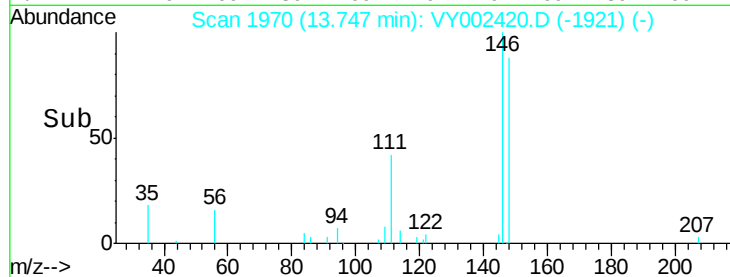
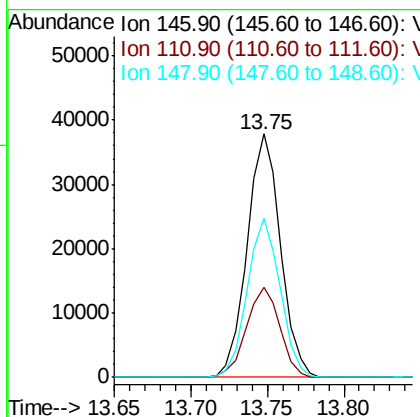
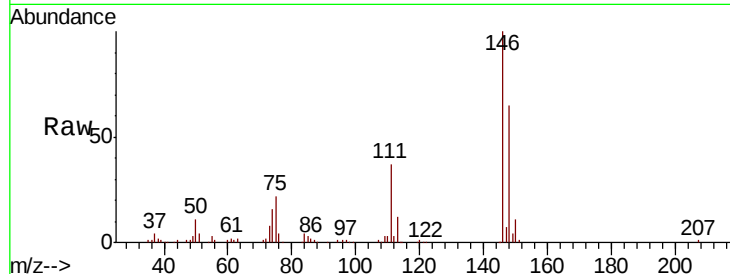




#91
 1,2-Dichlorobenzene
 Concen: 9.648 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

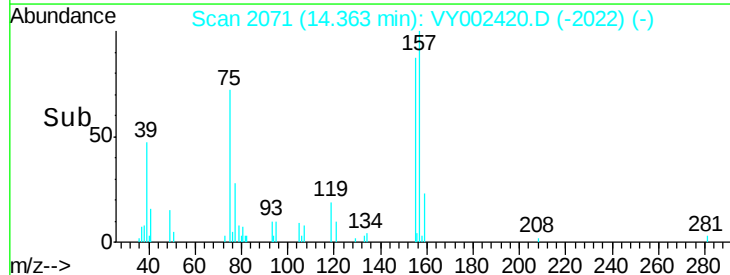
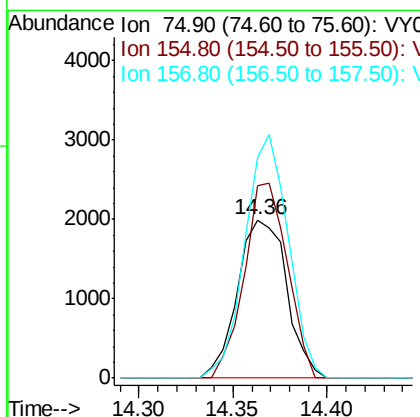
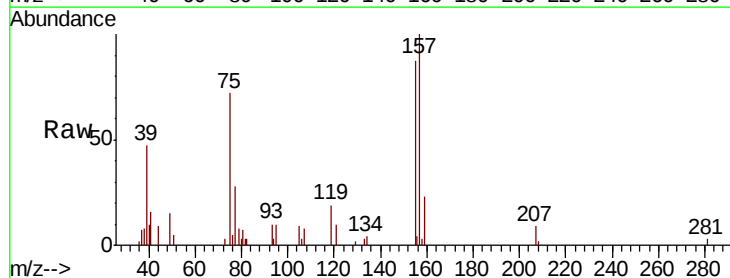
Instrument :
 MSVOA_Y
 ClientSampleId :

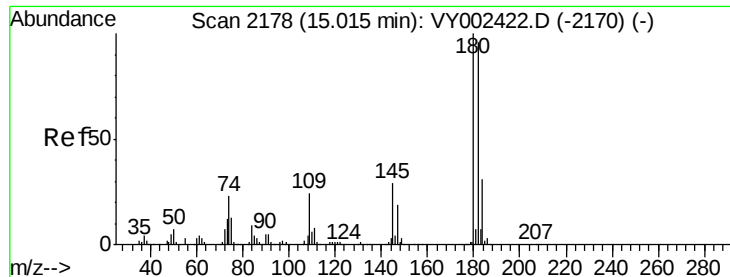
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.9	56.5
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.185 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.5	56.1	168.3
157	135.8	71.5	214.5

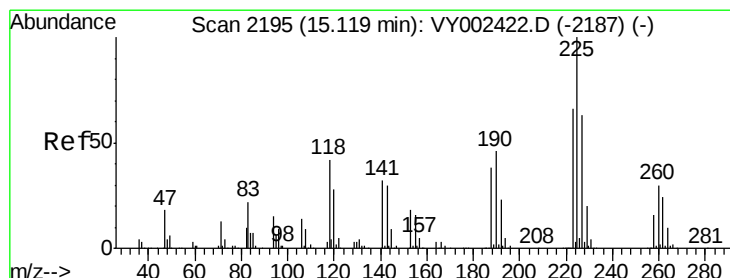
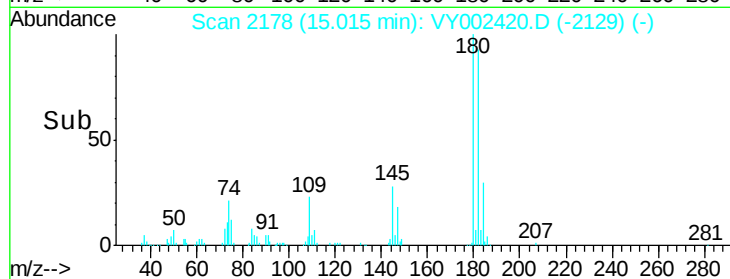
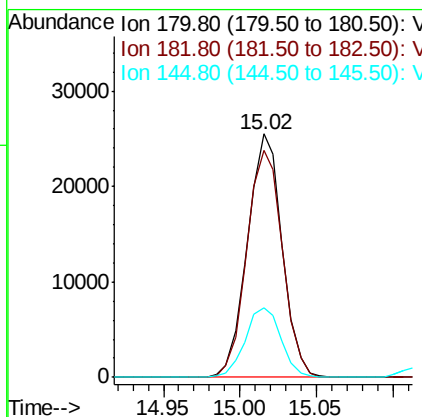
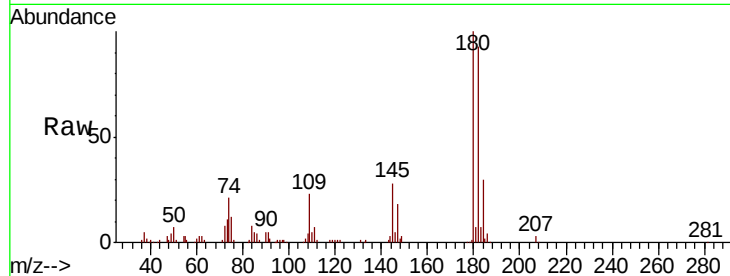




#93
 1,2,4-Trichlorobenzene
 Concen: 10.154 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

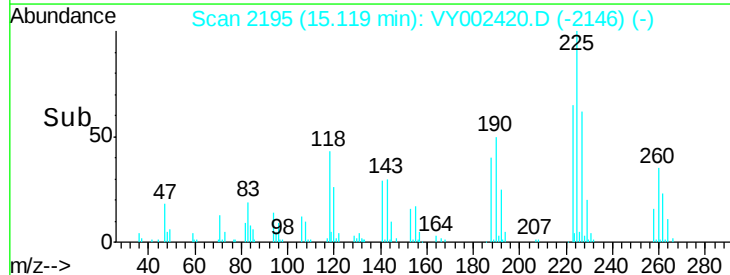
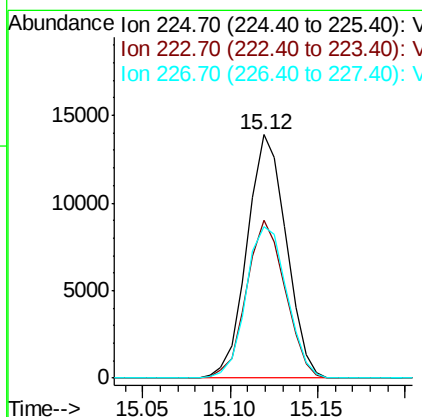
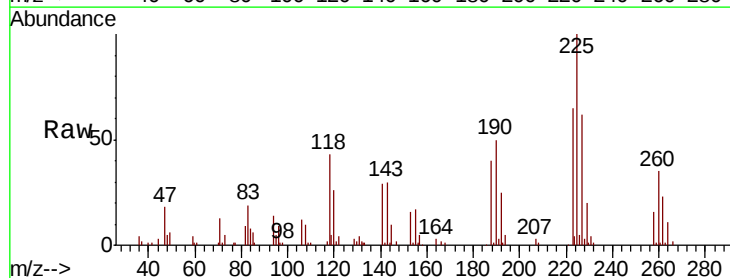
Instrument :
 MSVOA_Y
 ClientSampleId :

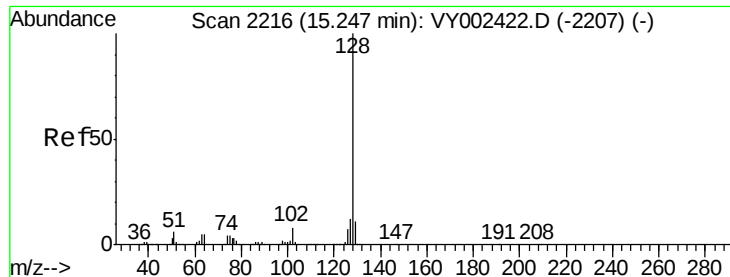
Tot Ion:180 Resp: 40167
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 29.6 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 10.757 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002420.D
 Acq: 20 Apr 2020 13:33

Tgt Ion:225 Resp: 21686
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 64.8 31.6 95.0

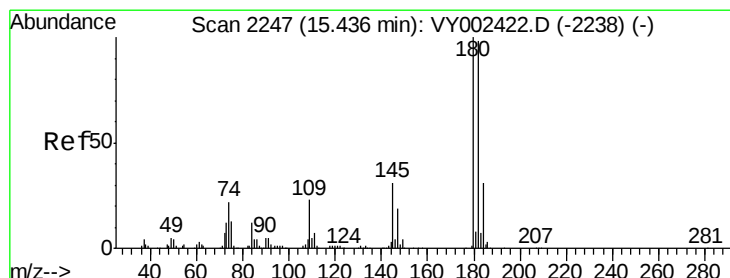
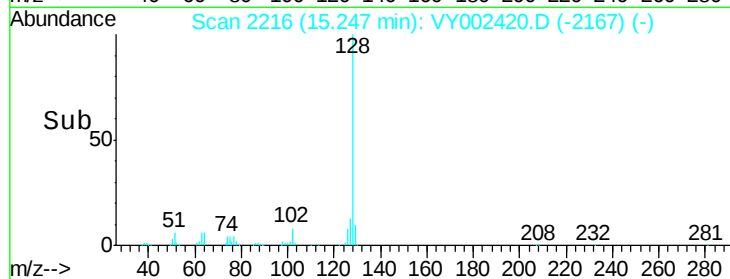
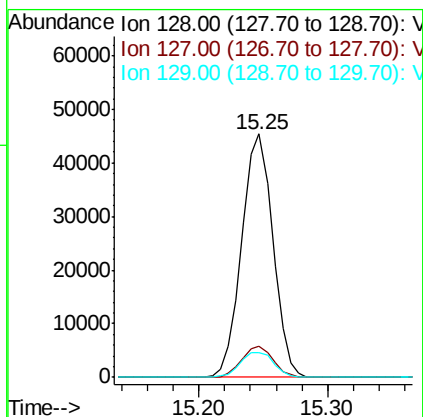
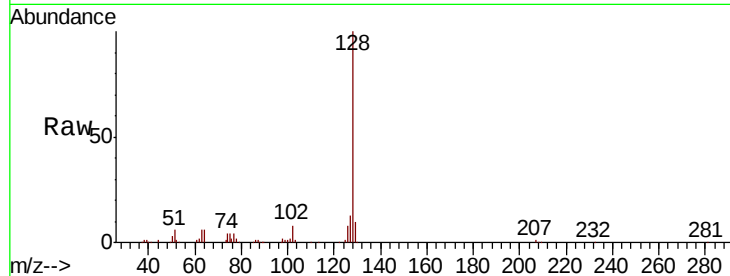




#95
Naphthalene
Concen: 8.990 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 76122
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 10.256 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002420.D
Acq: 20 Apr 2020 13:33

Tgt Ion:180 Resp: 35214
Ion Ratio Lower Upper
180 100
182 95.3 47.2 141.6
145 30.7 14.8 44.4

