

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002605.D
 Acq On : 06 May 2020 11:21
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 12:53:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	366724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	495391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	258272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151260	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.74	113	162275	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	10.19	98	633484	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.49	95	216678	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43139	15.513	ug/l	99
3) Chloromethane	2.12	50	53175	17.897	ug/l	99
4) Vinyl Chloride	2.26	62	61455	17.913	ug/l	97
5) Bromomethane	2.65	94	44380	18.758	ug/l	99
6) Chloroethane	2.80	64	38488	18.788	ug/l	96
7) Trichlorofluoromethane	3.14	101	99169	18.651	ug/l	98
8) Diethyl Ether	3.54	74	35588	19.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	63249	19.463	ug/l	99
10) Methyl Iodide	4.11	142	81189	18.338	ug/l	100
11) Tert butyl alcohol	4.98	59	28415	89.570	ug/l	100
12) 1,1-Dichloroethene	3.90	96	60374	19.124	ug/l	98
13) Acrolein	3.75	56	17123	78.055	ug/l	95
14) Allyl chloride	4.51	41	93897	20.414	ug/l	97
15) Acrylonitrile	5.19	53	83476	99.066	ug/l	99
16) Acetone	3.97	43	59112	92.890	ug/l	100
17) Carbon Disulfide	4.21	76	168562	17.748	ug/l	99
18) Methyl Acetate	4.50	43	40937	19.253	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	161572	19.617	ug/l	97
20) Methylene Chloride	4.74	84	68216	19.169	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	67277	19.498	ug/l	95
22) Diisopropyl ether	6.15	45	196442	21.107	ug/l	97
23) Vinyl Acetate	6.08	43	585406	100.016	ug/l	98
24) 1,1-Dichloroethane	6.04	63	111956	20.334	ug/l	99
25) 2-Butanone	7.01	43	100061	96.057	ug/l	96
26) 2,2-Dichloropropane	7.00	77	102348	19.556	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	76865	20.133	ug/l	99
28) Bromochloromethane	7.36	49	48459	21.481	ug/l	99
29) Tetrahydrofuran	7.36	42	69073	100.222	ug/l	98
30) Chloroform	7.54	83	115545	20.183	ug/l	97
31) Cyclohexane	7.80	56	104603	18.874	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	105496	19.826	ug/l	98
36) 1,1-Dichloropropene	7.94	75	90272	19.674	ug/l	99
37) Ethyl Acetate	7.10	43	46778	19.839	ug/l	99
38) Carbon Tetrachloride	7.92	117	97183	19.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	117487	19.386	ug/l	98
40) Benzene	8.18	78	265614	20.043	ug/l	98
41) Methacrylonitrile	7.36	41	62128	49.006	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	71485	19.230	ug/l	98
43) Isopropyl Acetate	8.29	43	88279	19.971	ug/l	100
44) Trichloroethene	8.96	130	84965	20.515	ug/l	98
45) 1,2-Dichloropropane	9.23	63	65644	20.524	ug/l	97
46) Dibromomethane	9.32	93	35617	19.354	ug/l	99
47) Bromodichloromethane	9.51	83	89233	19.942	ug/l	97
48) Methyl methacrylate	9.31	41	38936	19.463	ug/l	99
49) 1,4-Dioxane	9.32	88	10310	423.139	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	225267	98.869	ug/l	99
52) Toluene	10.25	92	171675	20.157	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	91480	19.512	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	107181	19.775	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	53535	19.949	ug/l	98
56) Ethyl methacrylate	10.52	69	71021	19.894	ug/l	97
57) 1,3-Dichloropropane	10.80	76	91069	20.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	198846	105.620	ug/l	99
59) 2-Hexanone	10.85	43	156052	99.511	ug/l	99
60) Dibromochloromethane	11.00	129	66471	19.475	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52064	19.593	ug/l	100
64) Tetrachloroethene	10.73	164	92704	21.062	ug/l	96
65) Chlorobenzene	11.53	112	189694	20.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	69963	20.014	ug/l	99
67) Ethyl Benzene	11.60	91	333653	20.170	ug/l	100
68) m/p-Xylenes	11.71	106	256995	40.152	ug/l	99
69) o-Xylene	12.04	106	121594	20.289	ug/l	99
70) Styrene	12.05	104	208795	20.380	ug/l	99
71) Bromoform	12.22	173	43012	19.824	ug/l #	100
73) Isopropylbenzene	12.34	105	334223	19.967	ug/l	100
74) N-amyl acetate	12.15	43	80726	20.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	49717	18.676	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	81124	35.345	ug/l #	100
77) Bromobenzene	12.62	156	83572	19.984	ug/l	100
78) n-propylbenzene	12.68	91	392060	20.184	ug/l	100
79) 2-Chlorotoluene	12.77	91	215205	20.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	278869	20.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21863	19.101	ug/l	98
82) 4-Chlorotoluene	12.86	91	225145	19.920	ug/l	100
83) tert-Butylbenzene	13.08	119	250315	20.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	279691	20.227	ug/l	100
85) sec-Butylbenzene	13.26	105	343284	20.335	ug/l	100
86) p-Isopropyltoluene	13.38	119	321998	20.357	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	159401	20.139	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	159269	20.322	ug/l	98
89) n-Butylbenzene	13.70	91	298714	20.744	ug/l	99
90) Hexachloroethane	13.97	117	58562	20.330	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	143262	20.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9875	19.900	ug/l	96

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QLast Update : Mon May 04 12:22:08 2020
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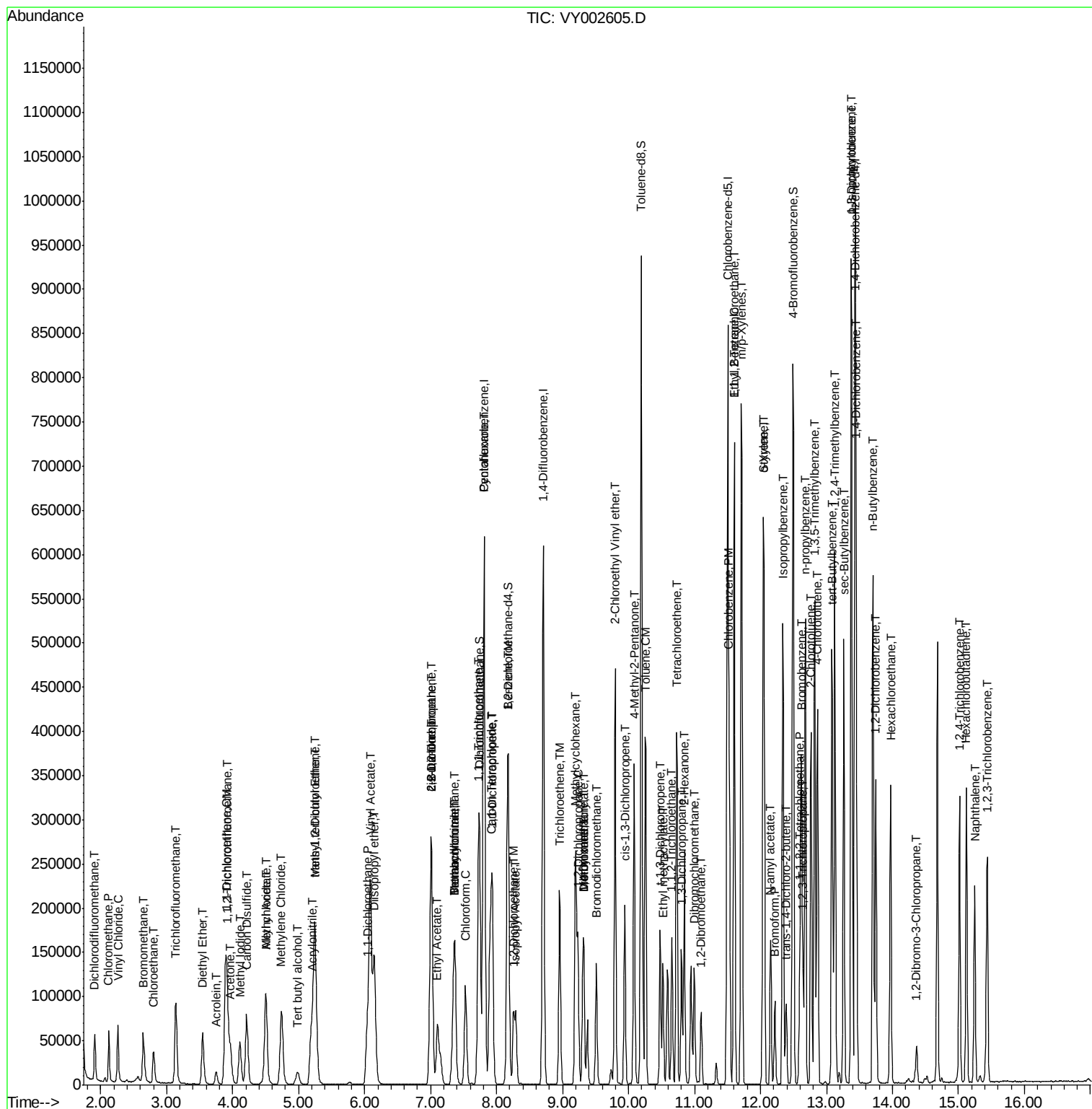
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107804	21.024	ug/l	99
94) Hexachlorobutadiene	15.13	225	63921	20.768	ug/l	99
95) Naphthalene	15.25	128	191605	20.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	91352	20.986	ug/l	100

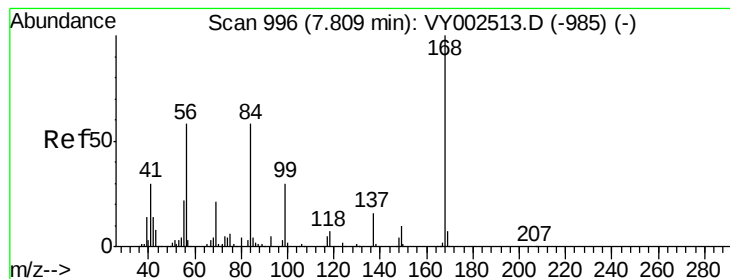
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

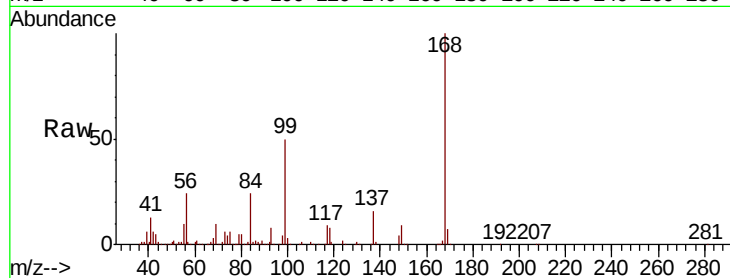
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 366724

Ion Ratio Lower Upper

168 100

99 50.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002605.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002605.D (-947) (-)

7.81

150000

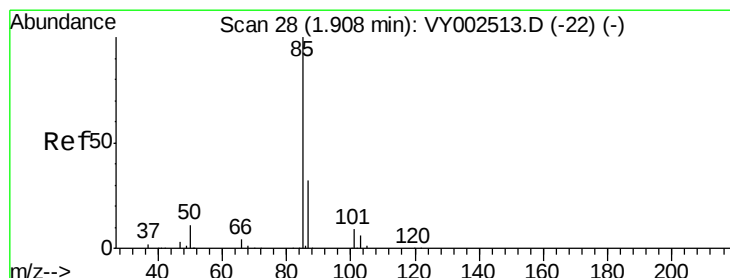
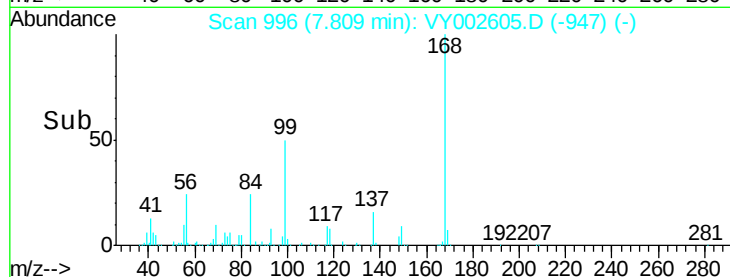
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.513 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002605.D

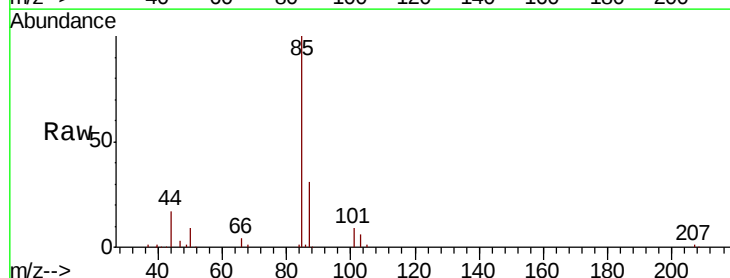
Acq: 06 May 2020 11:21

Tgt Ion: 85 Resp: 43139

Ion Ratio Lower Upper

85 100

87 31.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002605.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002605.D (-1) (-)

1.91

30000

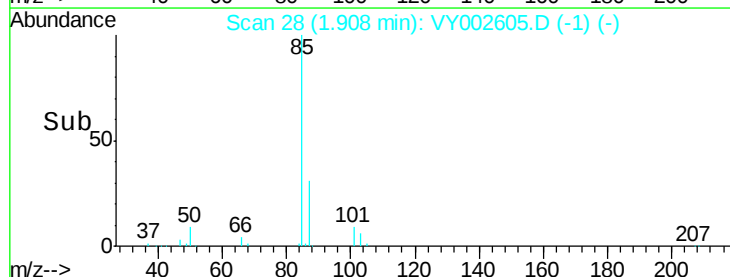
20000

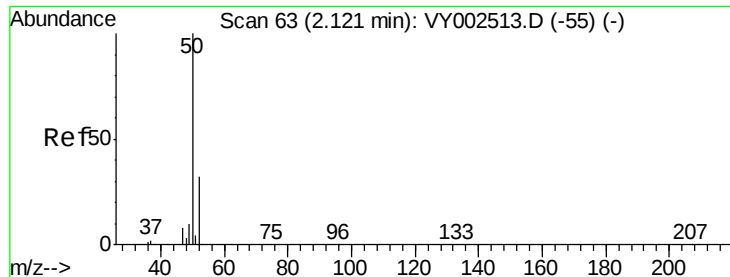
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.897 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

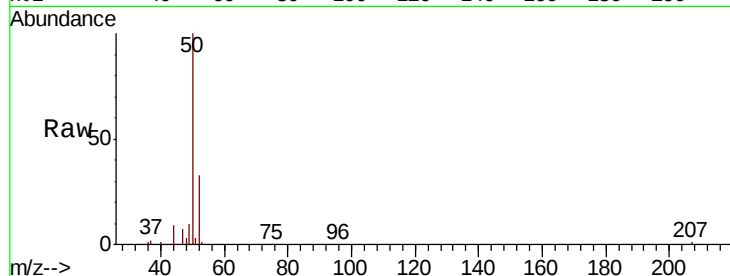
ClientSampleId :

Tot Ion: 50 Resp: 53175

Ion Ratio Lower Upper

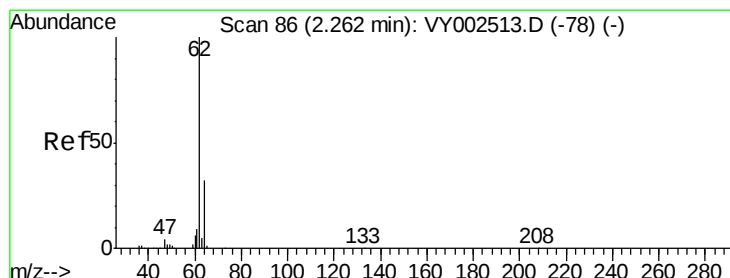
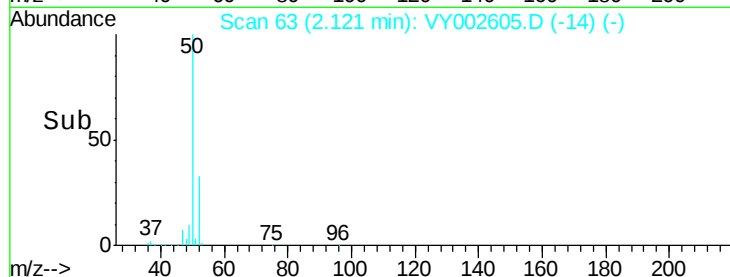
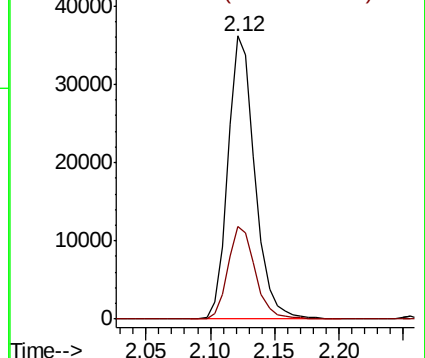
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.913 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002605.D

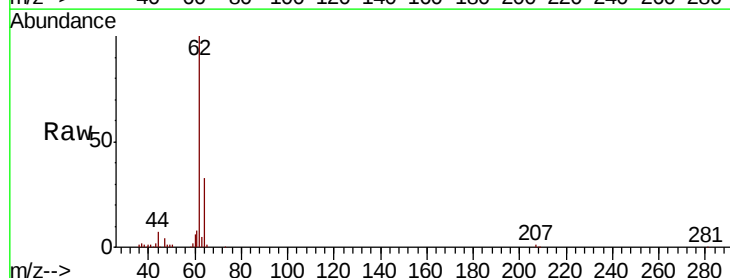
Acq: 06 May 2020 11:21

Tgt Ion: 62 Resp: 61455

Ion Ratio Lower Upper

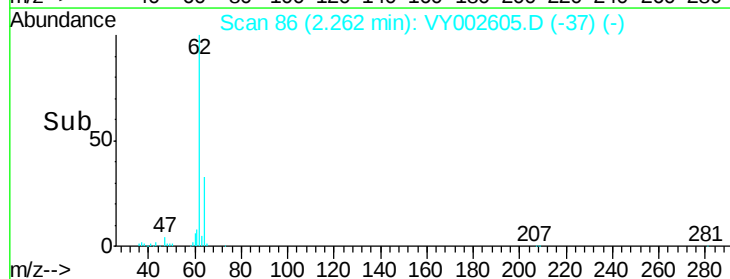
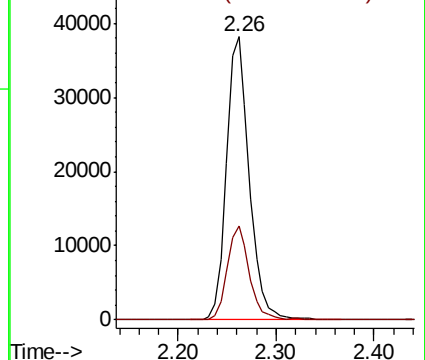
62 100

64 33.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

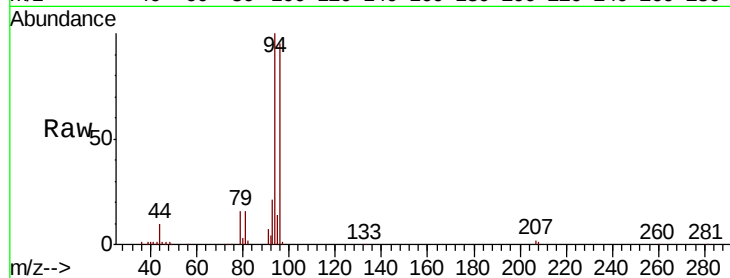
ClientSampleId :

Tot Ion: 94 Resp: 44380

Ion Ratio Lower Upper

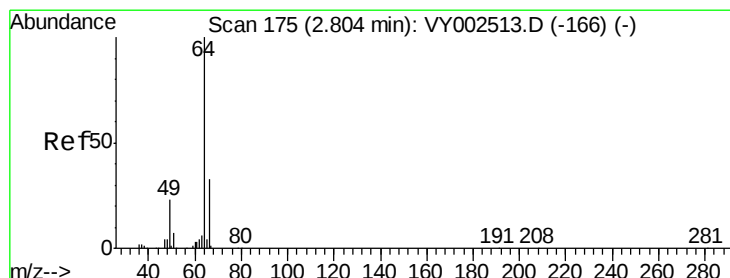
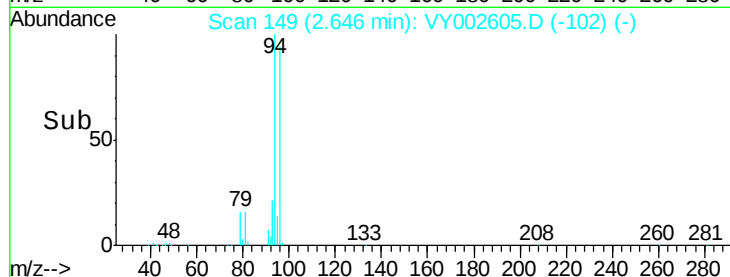
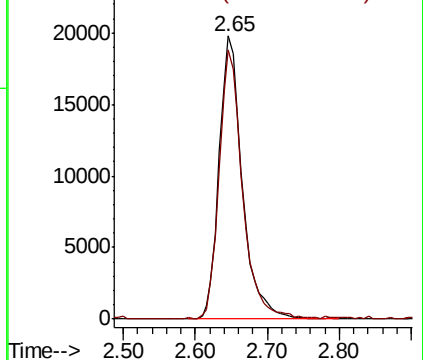
94 100

96 94.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.788 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002605.D

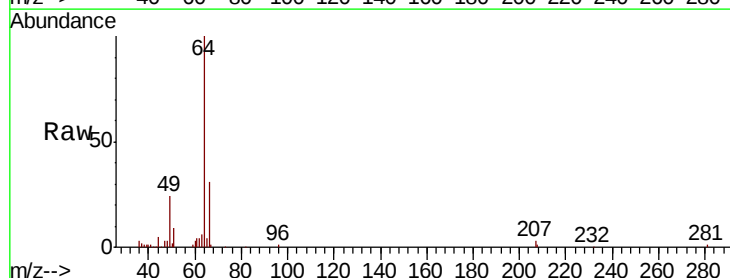
Acq: 06 May 2020 11:21

Tgt Ion: 64 Resp: 38488

Ion Ratio Lower Upper

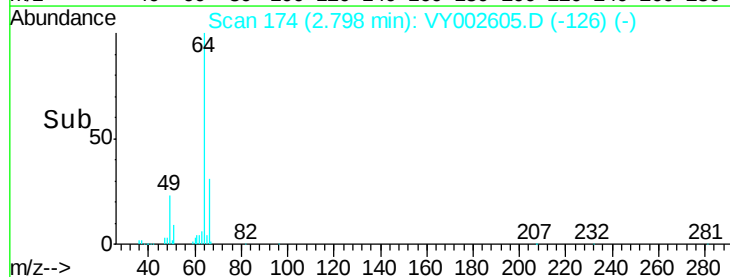
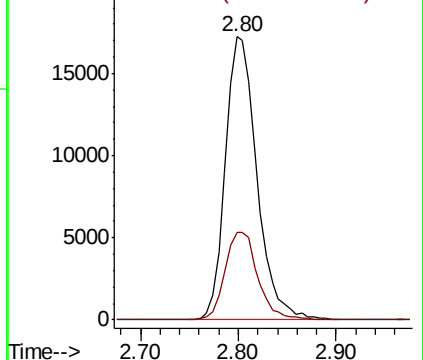
64 100

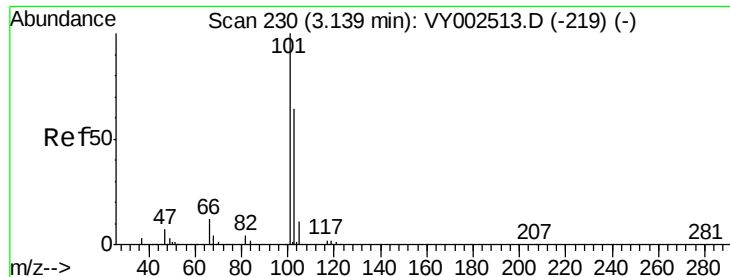
66 30.8 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



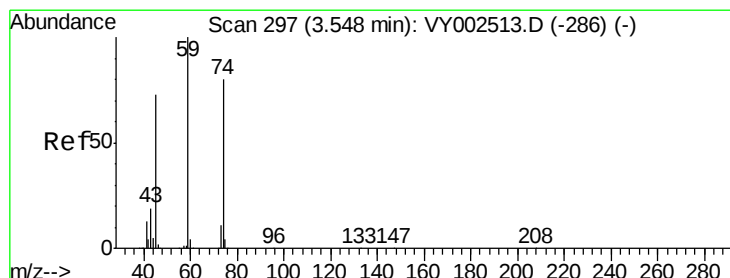
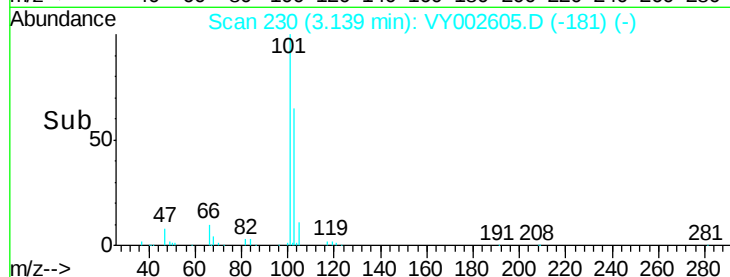
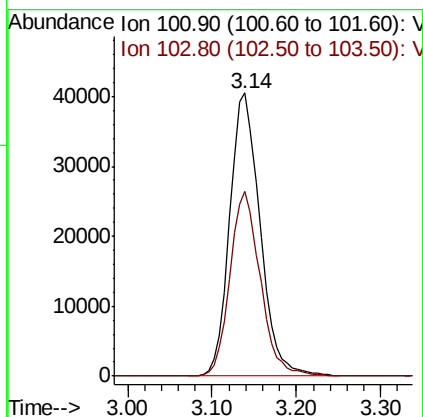
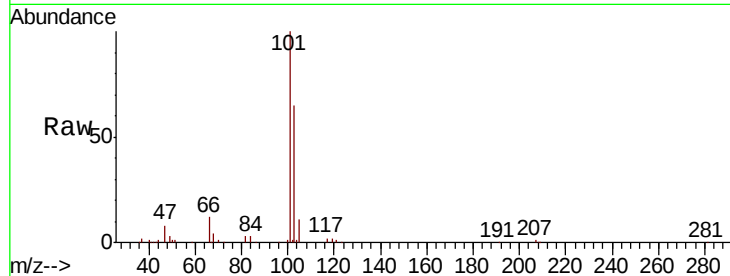


#7

Trichlorofluoromethane
Concen: 18.651 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

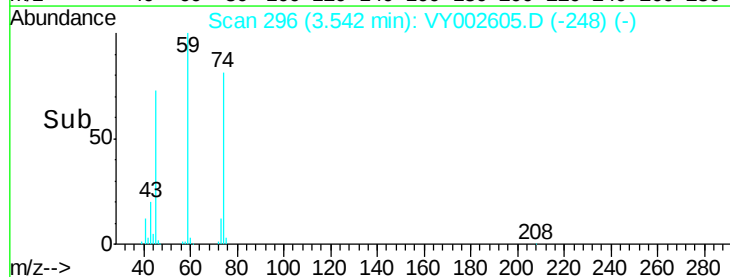
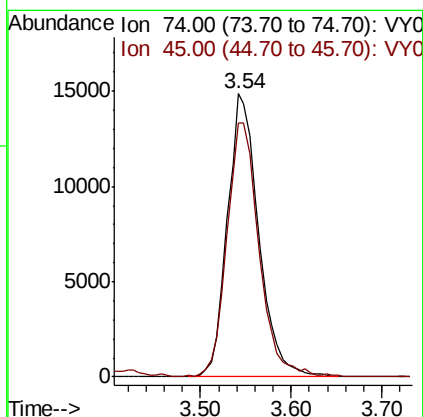
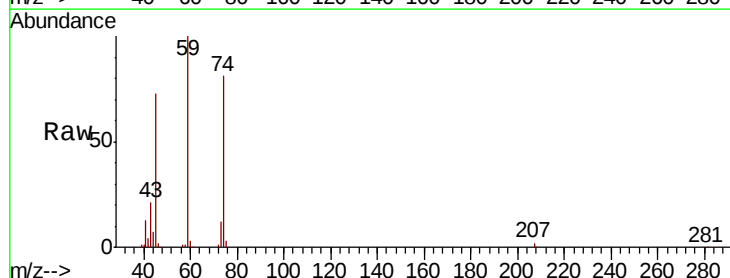
Tot Ion:101 Resp: 99169
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

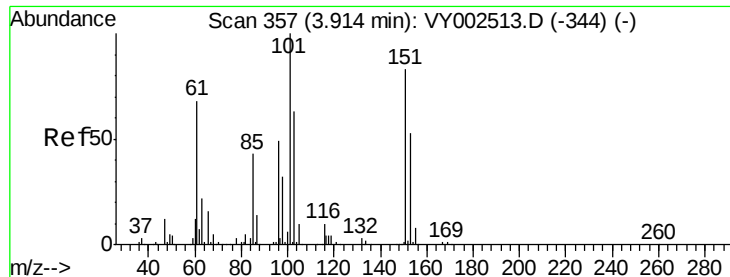


#8

Diethyl Ether
Concen: 19.917 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 74 Resp: 35588
Ion Ratio Lower Upper
74 100
45 92.6 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.463 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

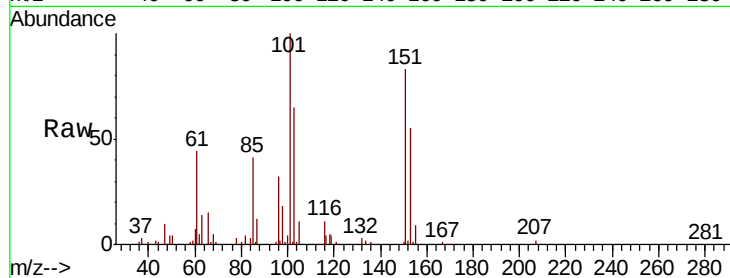
Tot Ion:101 Resp: 63249

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

151 84.9 66.8 100.2



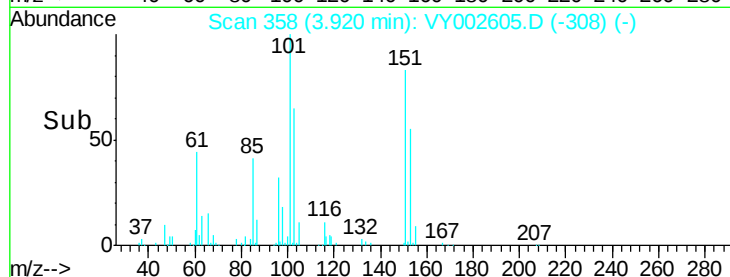
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

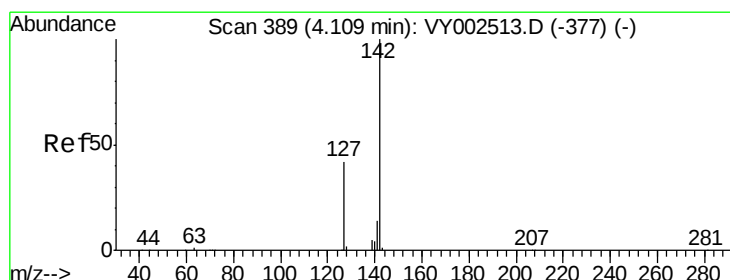
Ion 150.80 (150.50 to 151.50): V

3.92

Time-->



Time-->



#10

Methyl Iodide

Concen: 18.338 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

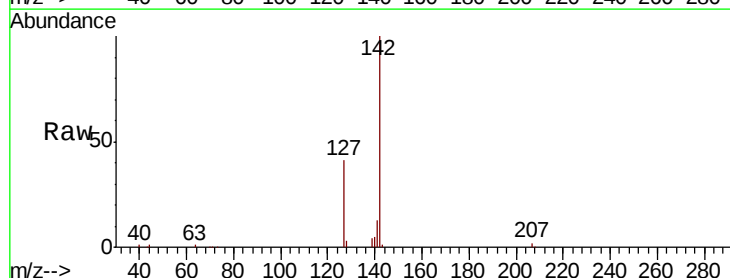
Tgt Ion:142 Resp: 81189

Ion Ratio Lower Upper

142 100

127 41.8 33.7 50.5

141 14.1 11.4 17.0



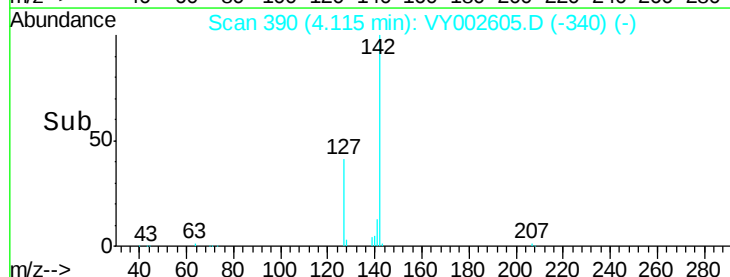
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

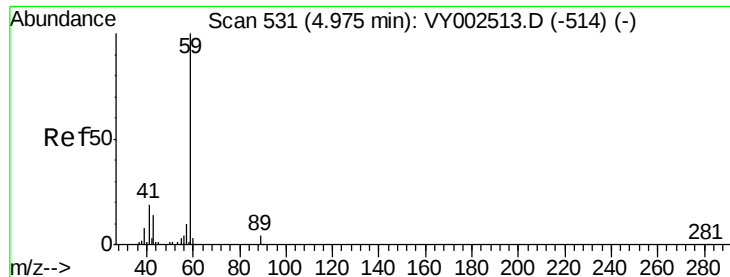
Ion 140.80 (140.50 to 141.50): V

4.11

Time-->



Time-->

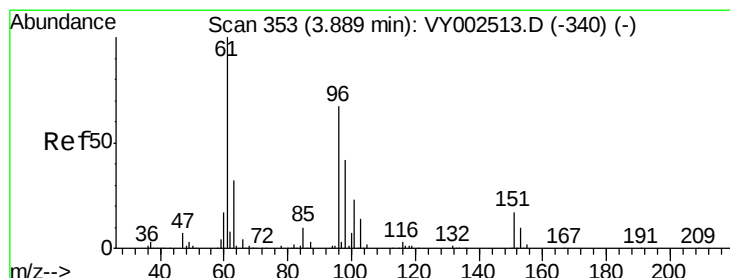
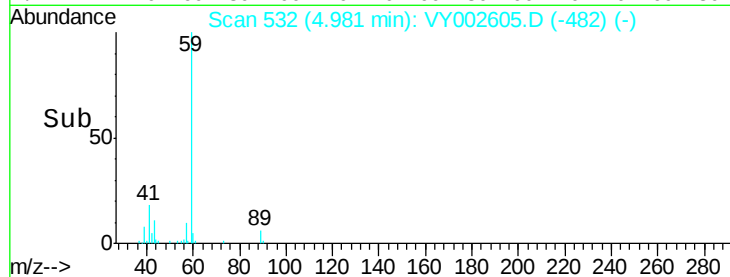
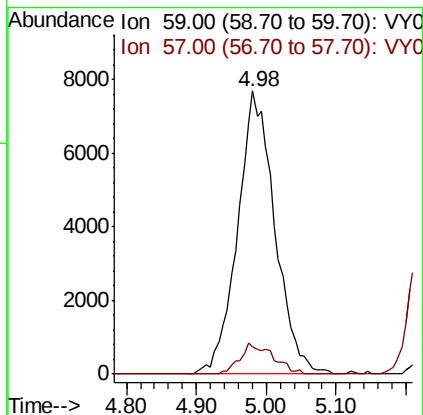
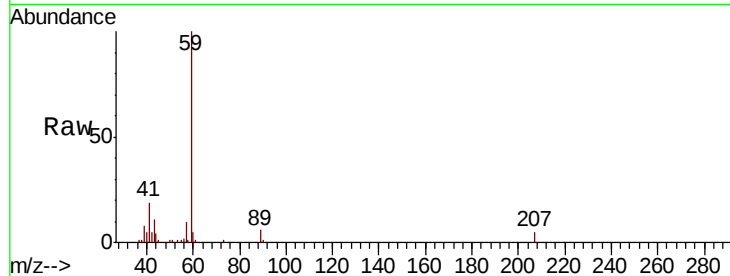


#11

Tert butyl alcohol
 Concen: 89.570 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampled :

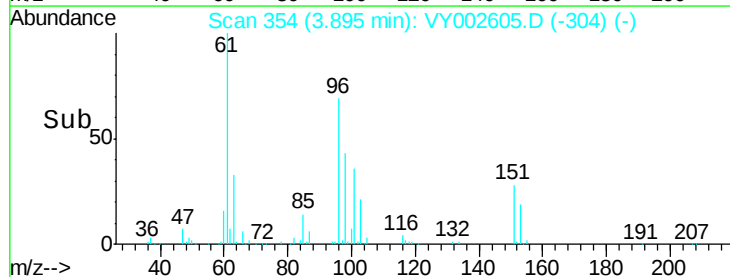
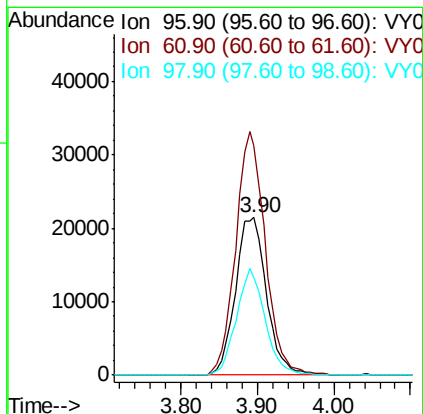
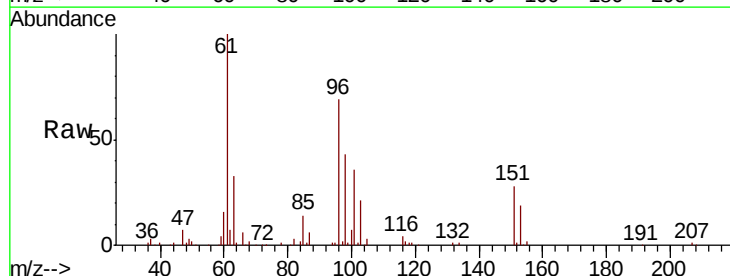
Tot Ion: 59 Resp: 28415
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

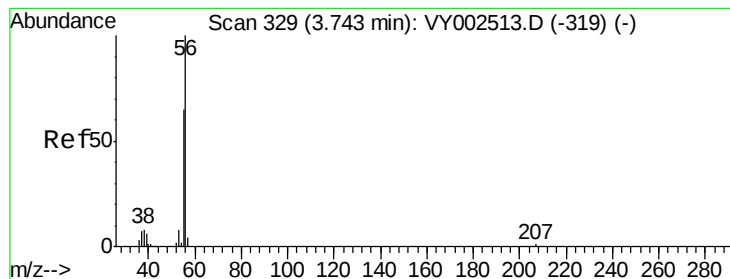


#12

1,1-Dichloroethene
 Concen: 19.124 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion: 96 Resp: 60374
 Ion Ratio Lower Upper
 96 100
 61 145.9 118.8 178.2
 98 62.3 49.6 74.4





#13

Acrolein

Concen: 78.055 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

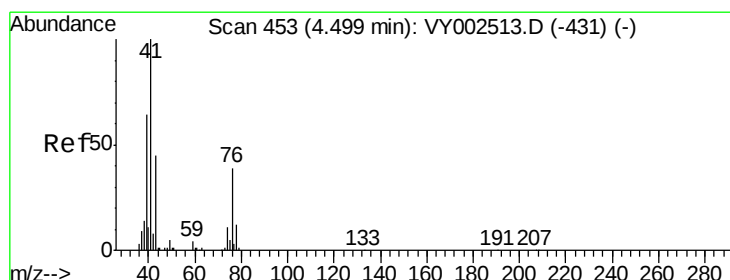
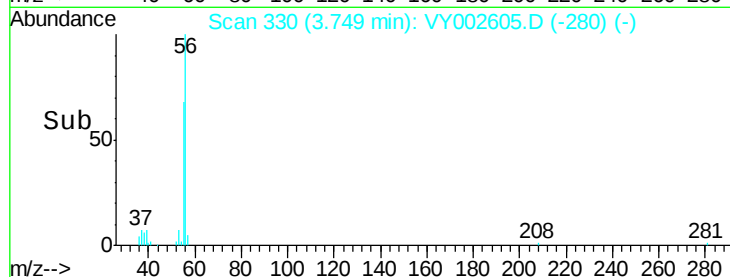
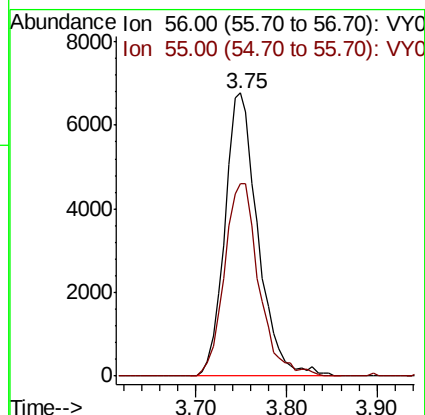
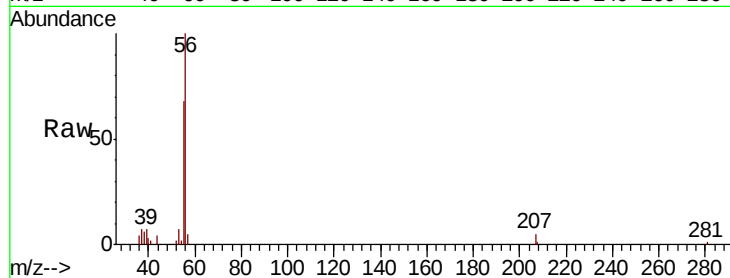
ClientSampleId :

Tot Ion: 56 Resp: 17123

Ion Ratio Lower Upper

56 100

55 71.4 53.8 80.6



#14

Allyl chloride

Concen: 20.414 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

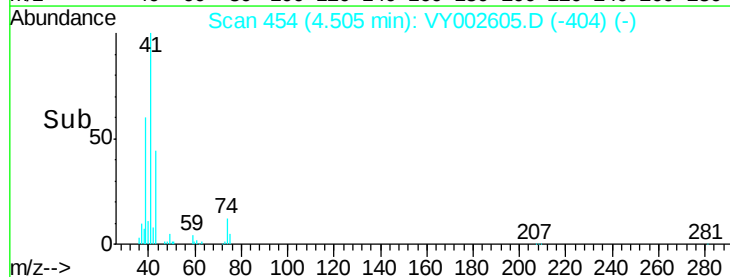
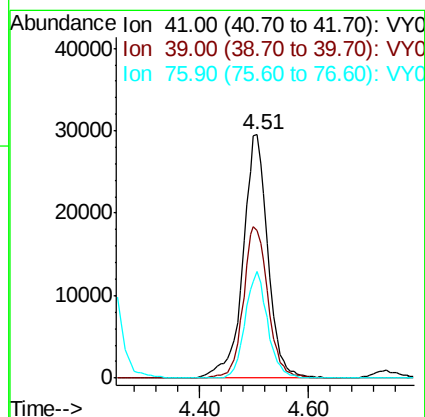
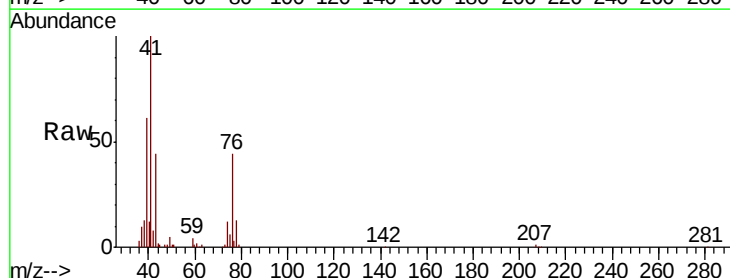
Tgt Ion: 41 Resp: 93897

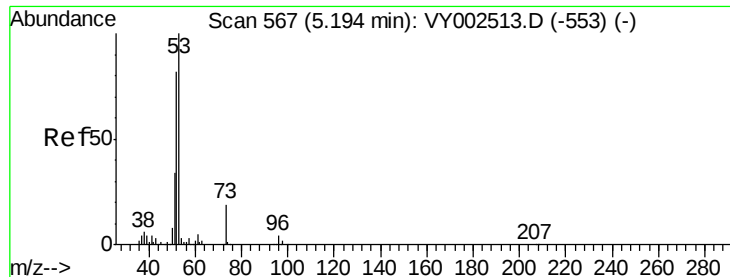
Ion Ratio Lower Upper

41 100

39 61.6 51.8 77.6

76 39.5 31.7 47.5





#15

Acrylonitrile

Concen: 99.066 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

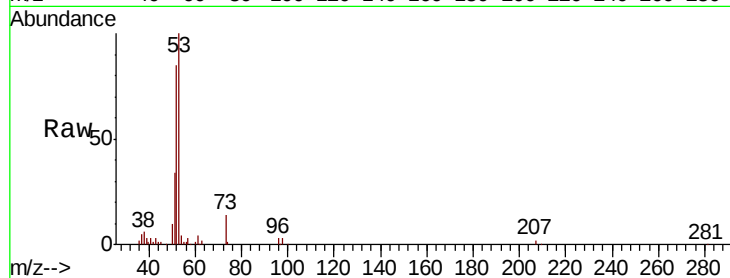
Tot Ion: 53 Resp: 83476

Ion Ratio Lower Upper

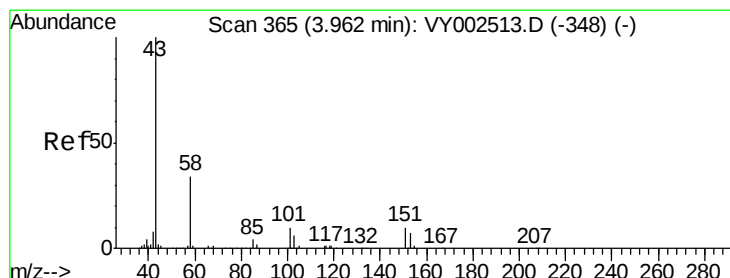
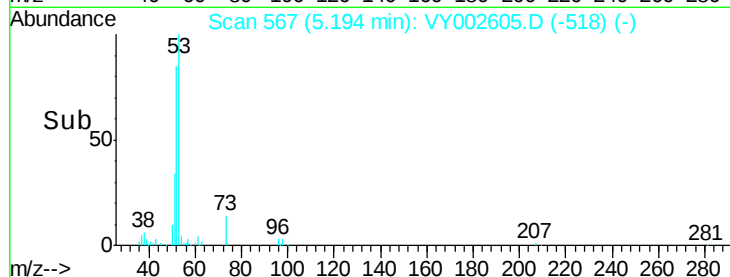
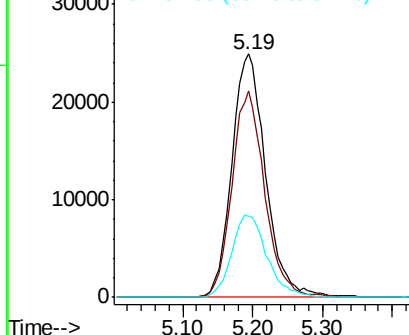
53 100

52 82.3 65.4 98.0

51 35.6 28.7 43.1



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: 92.890 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002605.D

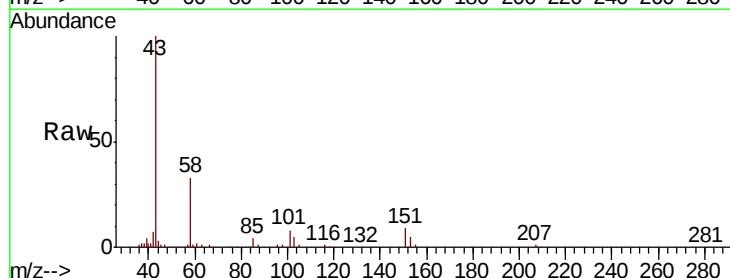
Acq: 06 May 2020 11:21

Tgt Ion: 43 Resp: 59112

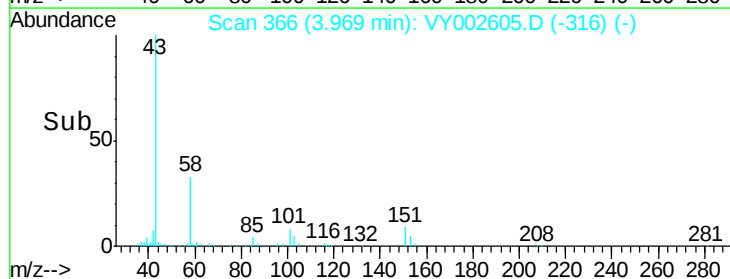
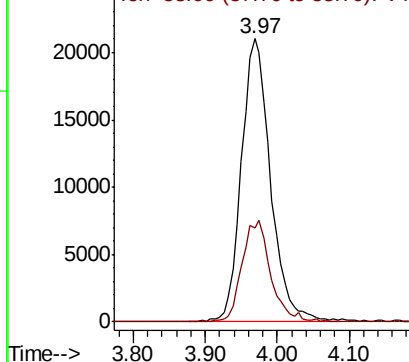
Ion Ratio Lower Upper

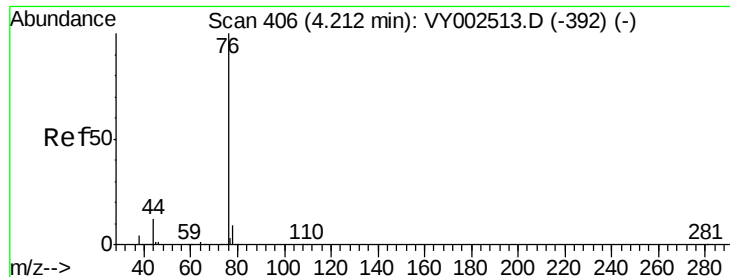
43 100

58 33.3 26.9 40.3



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





#17

Carbon Disulfide

Concen: 17.748 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

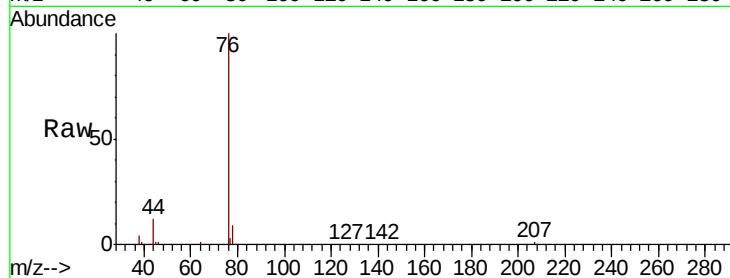
ClientSampleId :

Tot Ion: 76 Resp: 168562

Ion Ratio Lower Upper

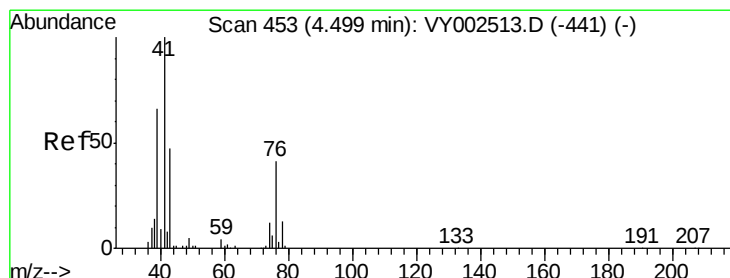
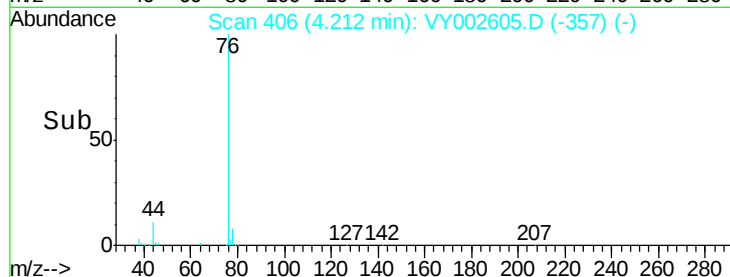
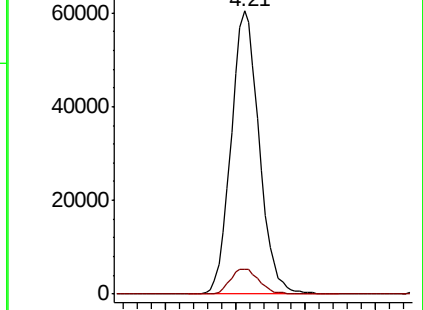
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002605.D (-357) (-)

Ion 77.90 (77.60 to 78.60): VY002605.D (-357) (-)



#18

Methyl Acetate

Concen: 19.253 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002605.D

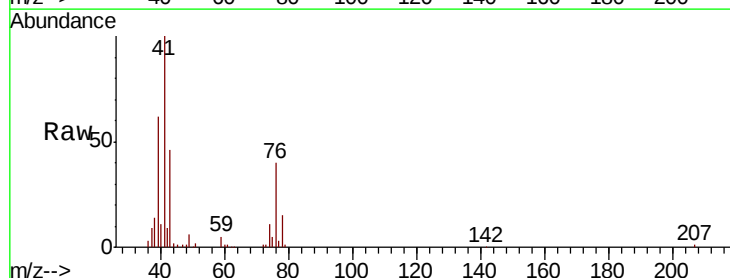
Acq: 06 May 2020 11:21

Tgt Ion: 43 Resp: 40937

Ion Ratio Lower Upper

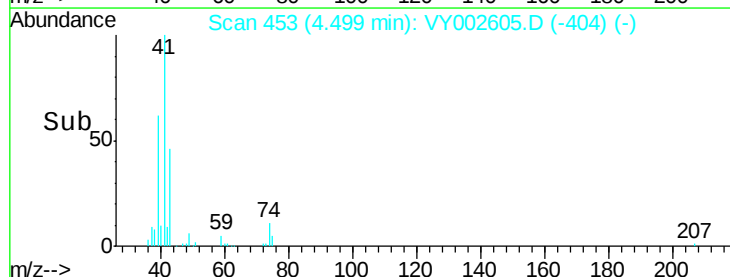
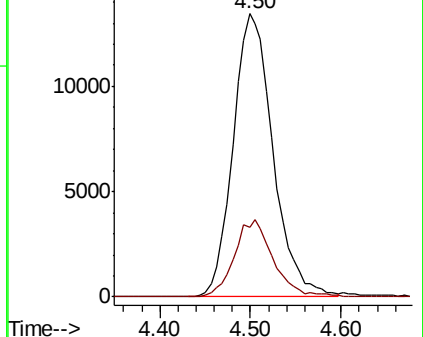
43 100

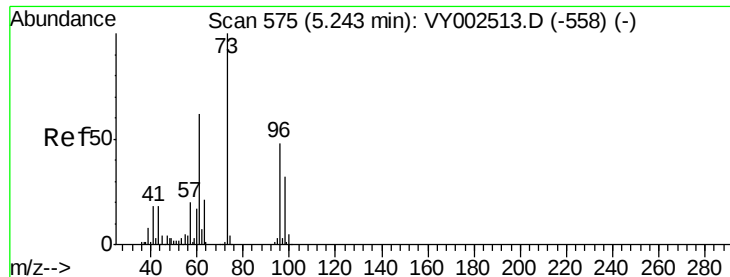
74 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY002605.D (-404) (-)

Ion 74.00 (73.70 to 74.70): VY002605.D (-404) (-)

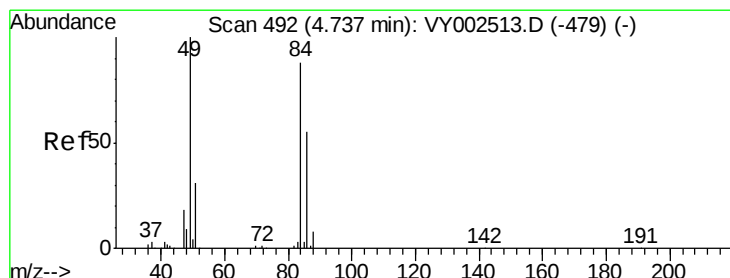
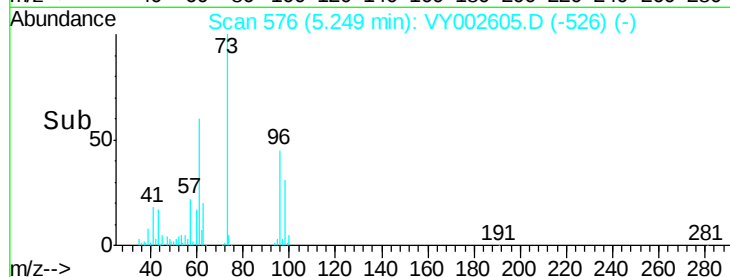
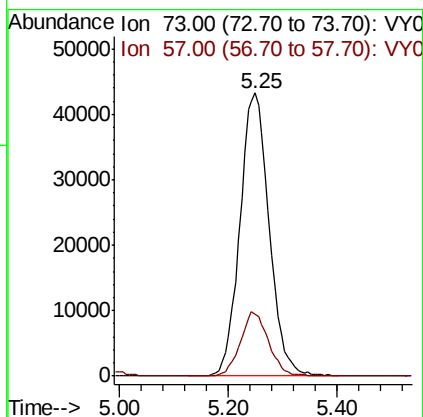
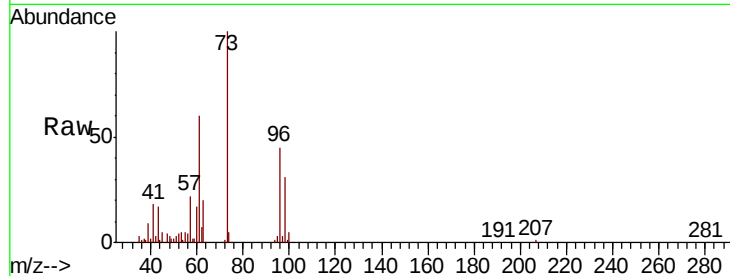




#19
Methvl tert-butvl Ether
Concen: 19.617 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

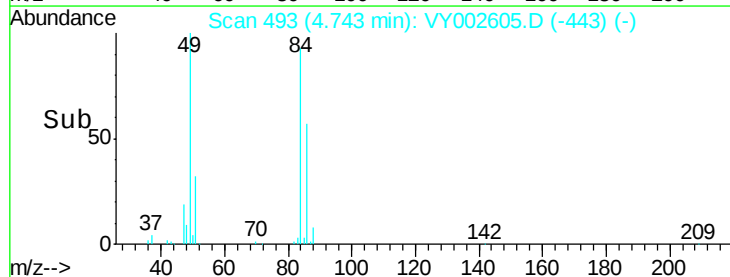
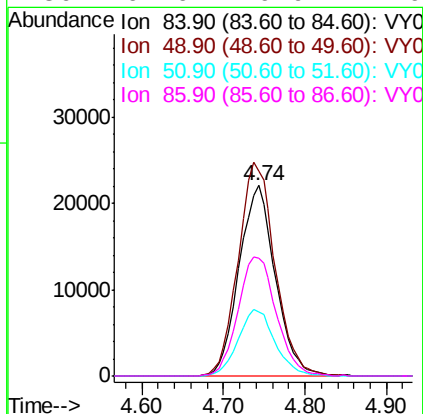
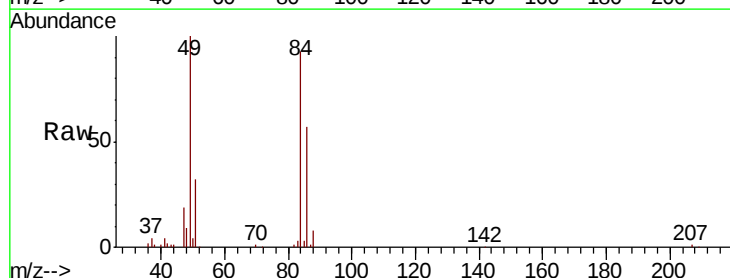
Instrument :
MSVOA_Y
ClientSampleId :

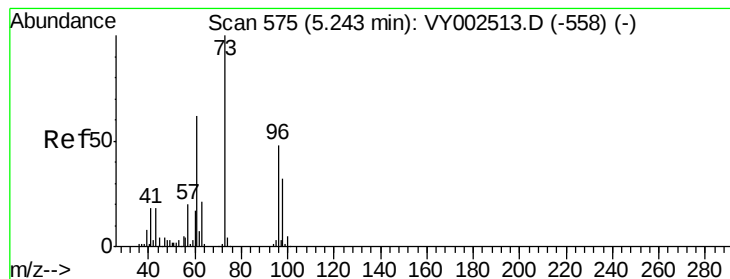
Tot Ion: 73 Resp: 161572
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5



#20
Methylene Chloride
Concen: 19.169 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 84 Resp: 68216
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 33.9 28.3 42.5
86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.498 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

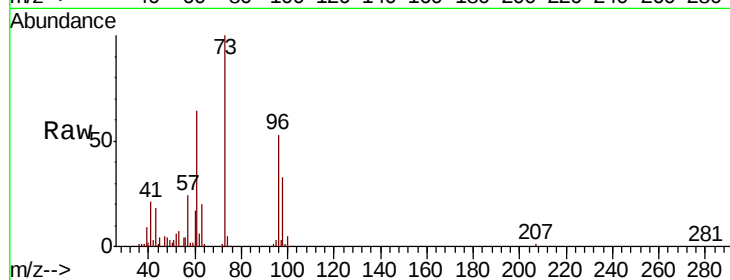
Tot Ion: 96 Resp: 67277

Ion Ratio Lower Upper

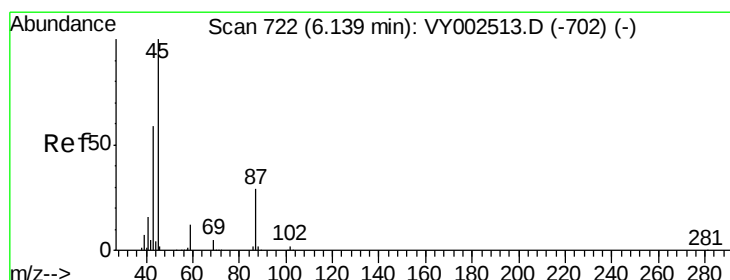
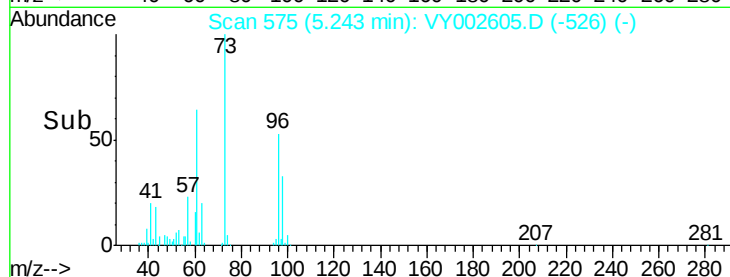
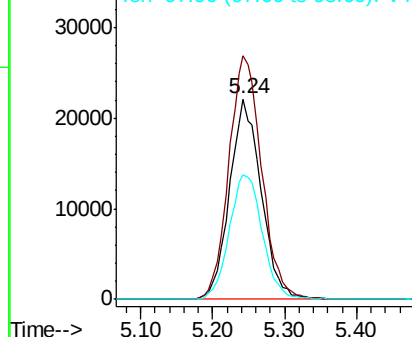
96 100

61 121.3 102.0 153.0

98 62.0 53.0 79.4



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: 21.107 ug/l

RT: 6.15 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion: 45 Resp: 196442

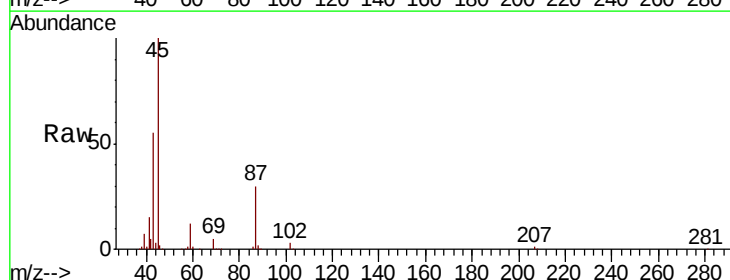
Ion Ratio Lower Upper

45 100

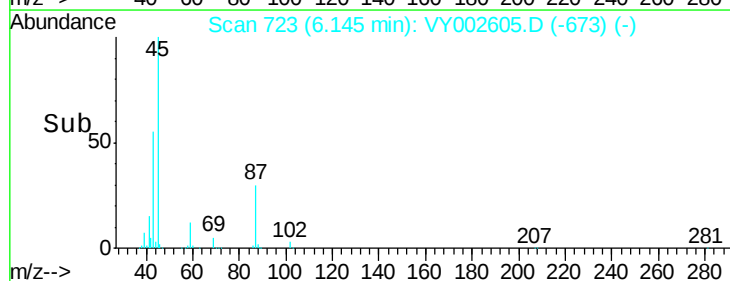
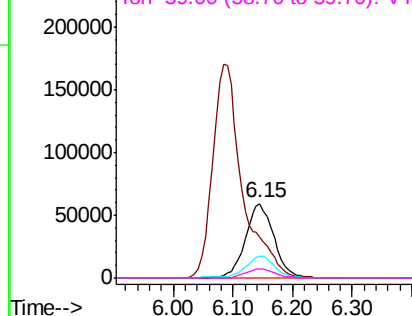
43 55.0 47.4 71.0

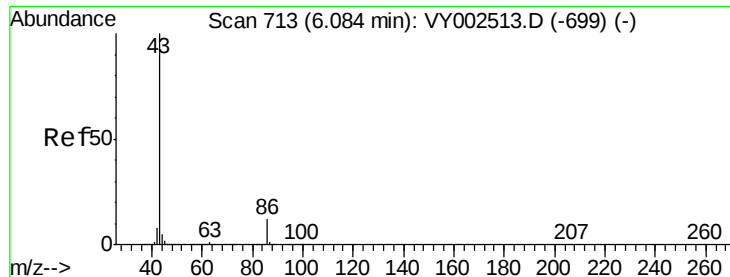
87 30.0 24.0 36.0

59 11.9 9.8 14.8



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: 100.016 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

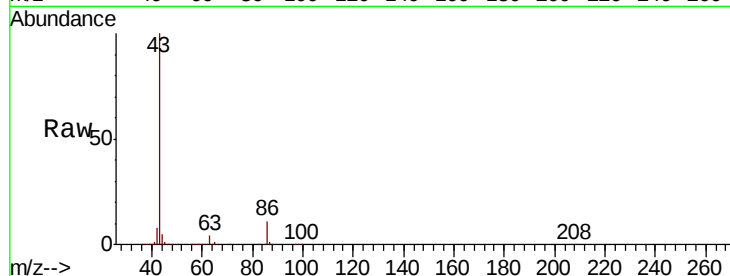
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 585406

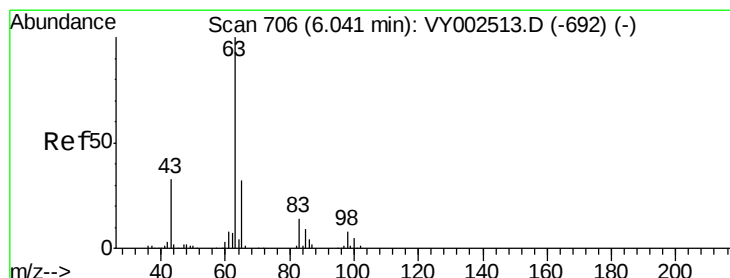
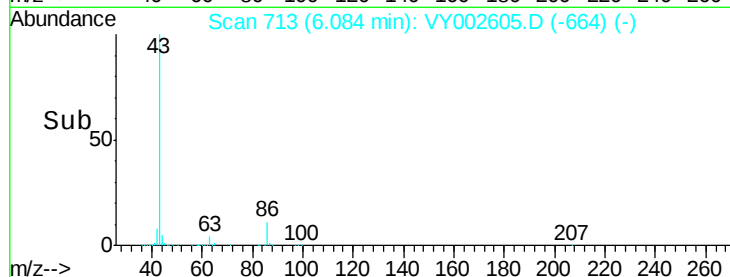
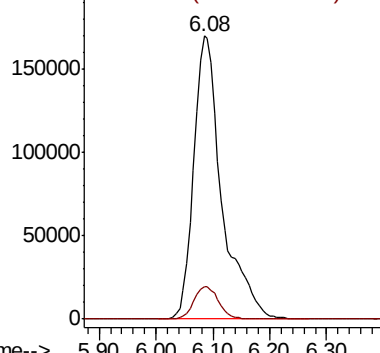
Ion Ratio Lower Upper

43 100

86 11.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.334 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

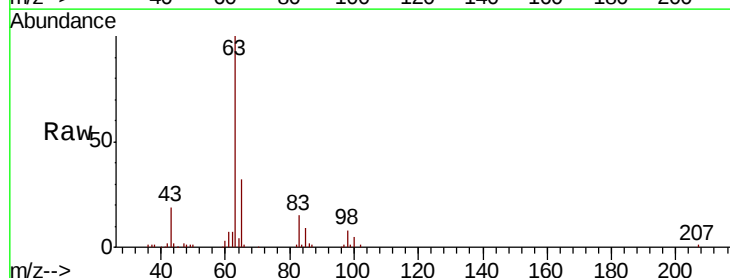
Tgt Ion: 63 Resp: 111956

Ion Ratio Lower Upper

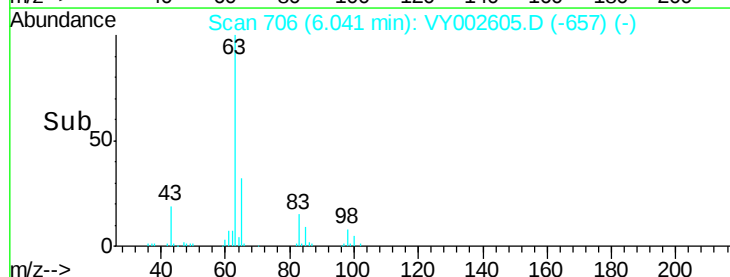
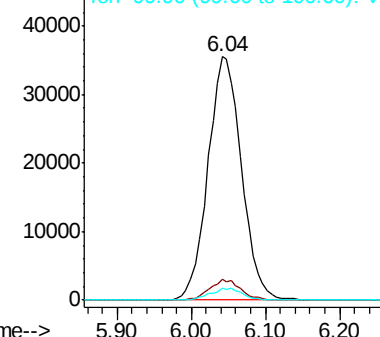
63 100

98 8.4 3.9 11.7

100 4.8 2.4 7.2



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

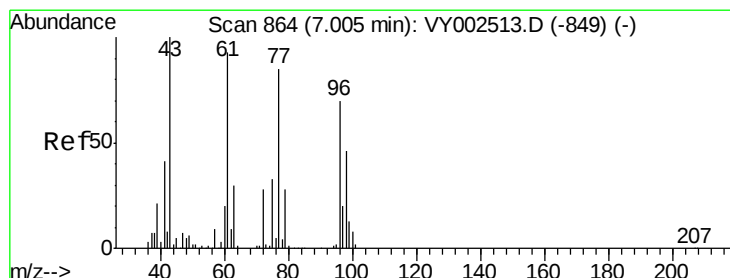
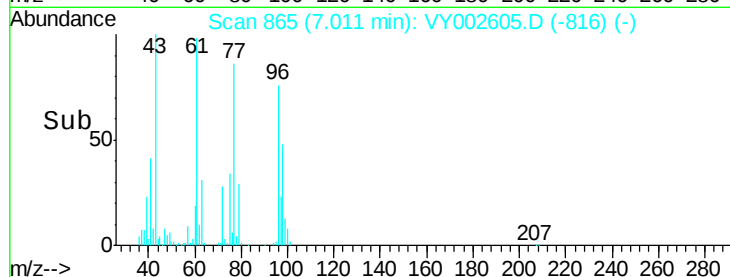
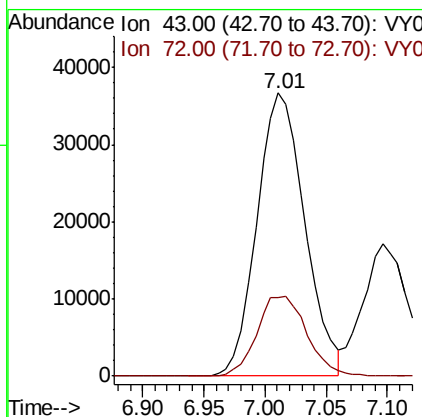
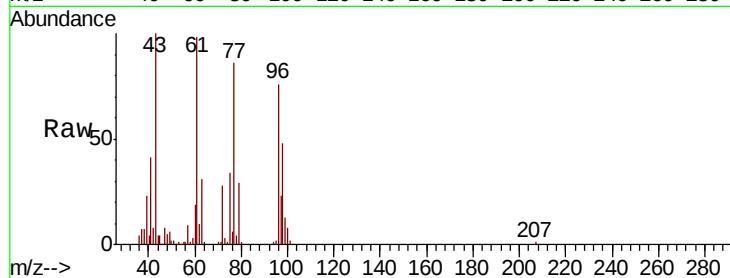




#25
2-Butanone
Concen: 96.057 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

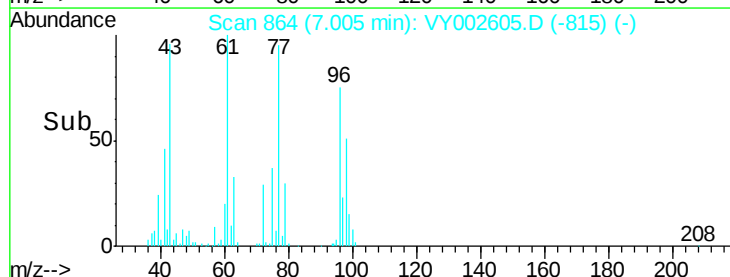
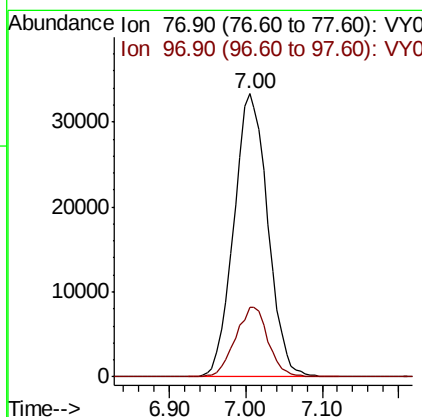
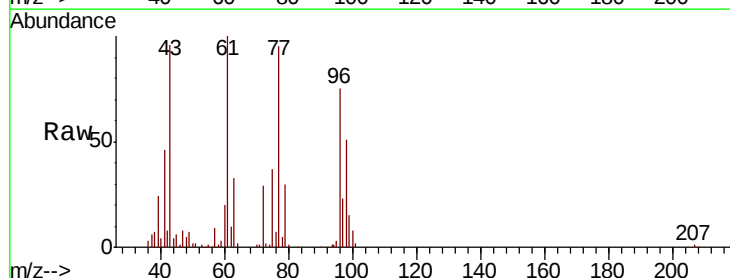
Instrument :
MSVOA_Y
ClientSampled :

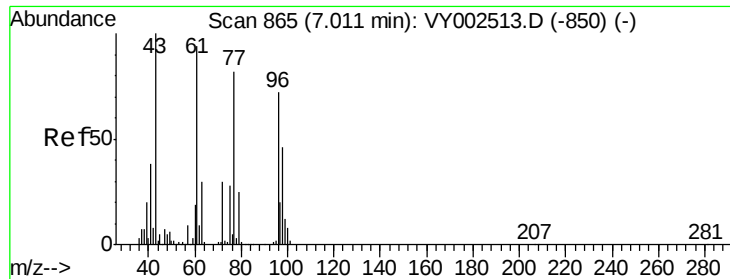
Tot Ion: 43 Resp: 100061
Ion Ratio Lower Upper
43 100
72 27.9 24.1 36.1



#26
2,2-Dichloropropane
Concen: 19.556 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 77 Resp: 102348
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5



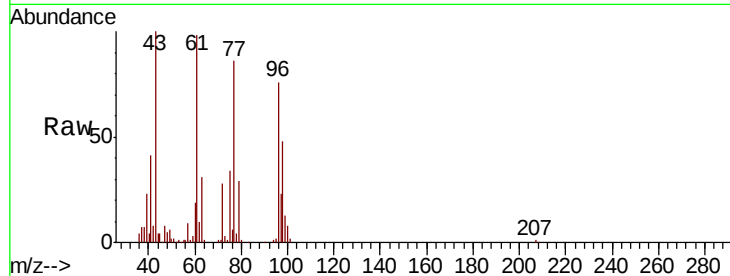


#27

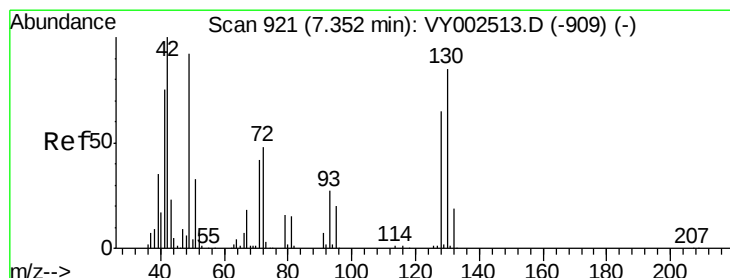
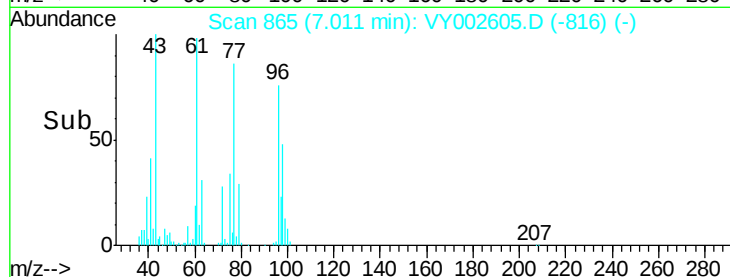
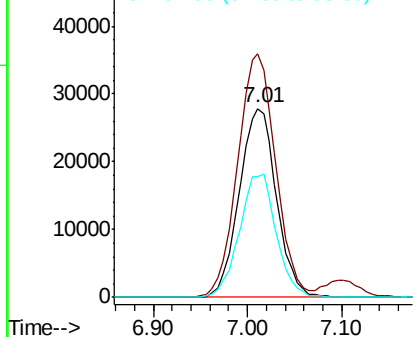
cis-1,2-Dichloroethene
Concen: 20.133 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 76865
Ion Ratio Lower Upper
96 100
61 131.6 0.0 266.6
98 64.6 0.0 129.2



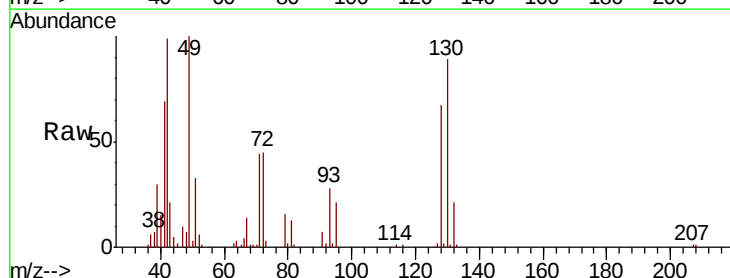
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



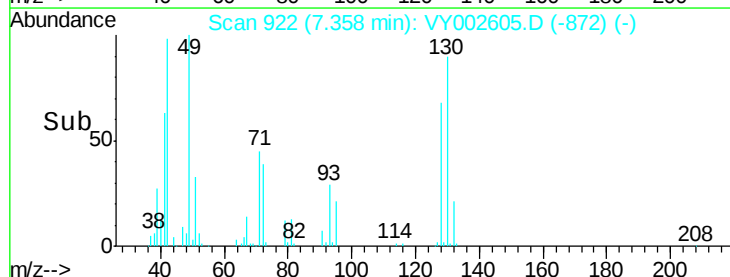
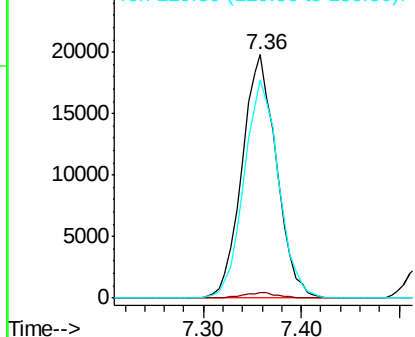
#28

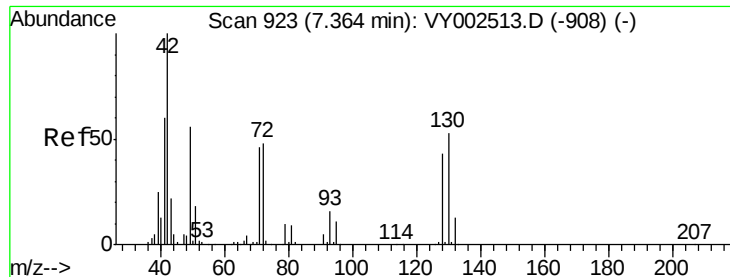
Bromochloromethane
Concen: 21.481 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 49 Resp: 48459
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 89.9 72.5 108.7



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





#29

Tetrahydrofuran

Concen: 100.222 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

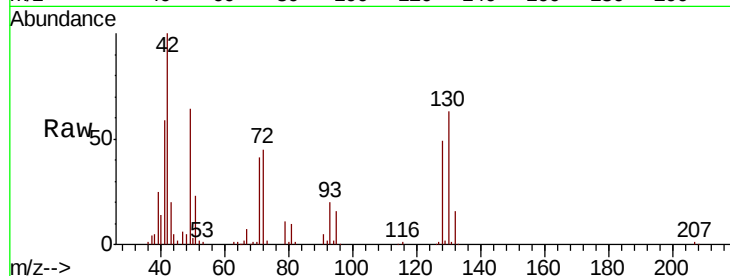
Tot Ion: 42 Resp: 69073

Ion Ratio Lower Upper

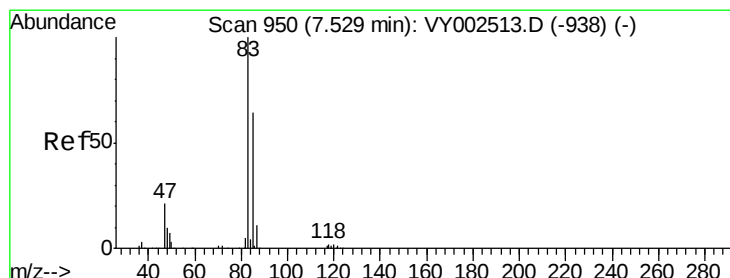
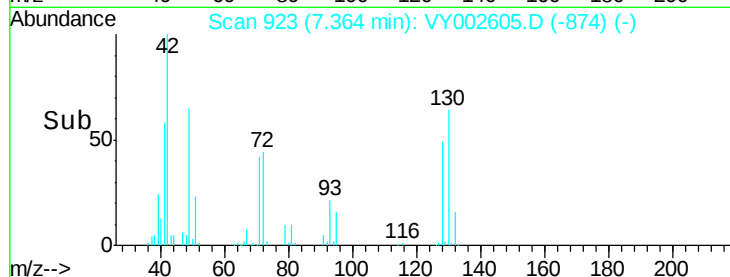
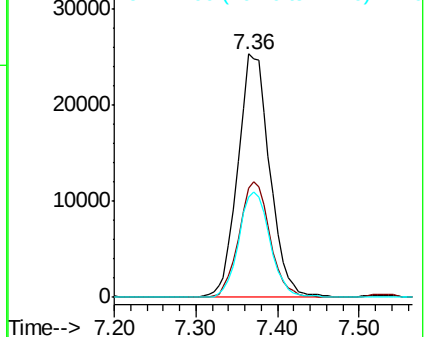
42 100

72 45.8 37.4 56.2

71 42.4 35.0 52.4



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



#30

Chloroform

Concen: 20.183 ug/l

RT: 7.54 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002605.D

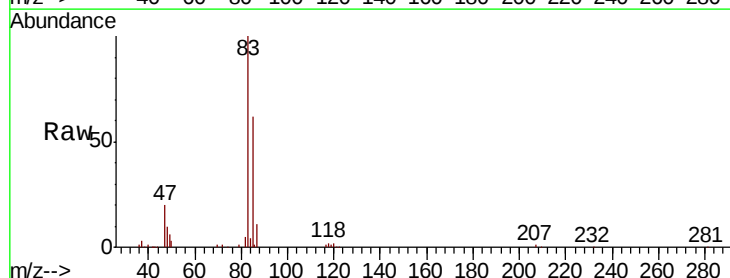
Acq: 06 May 2020 11:21

Tgt Ion: 83 Resp: 115545

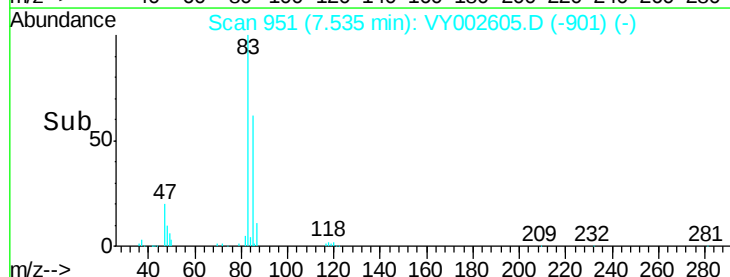
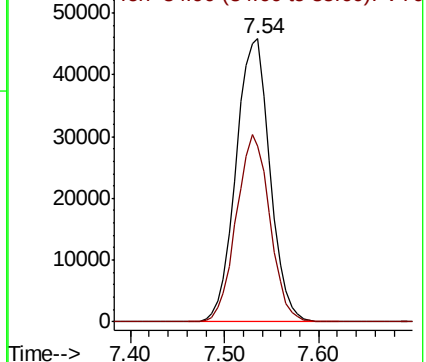
Ion Ratio Lower Upper

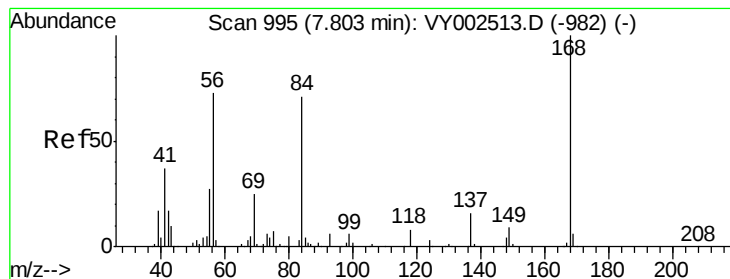
83 100

85 62.2 51.5 77.3



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





#31

Cyclohexane

Concen: 18.874 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

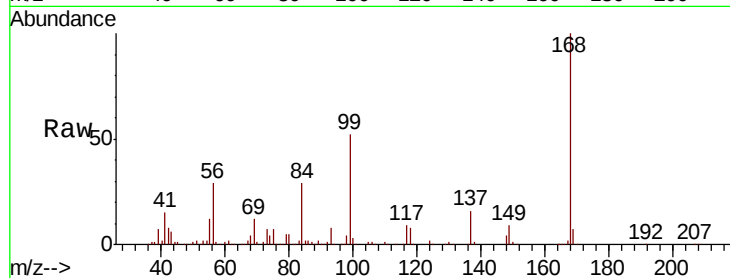
Tot Ion: 56 Resp: 104603

Ion Ratio Lower Upper

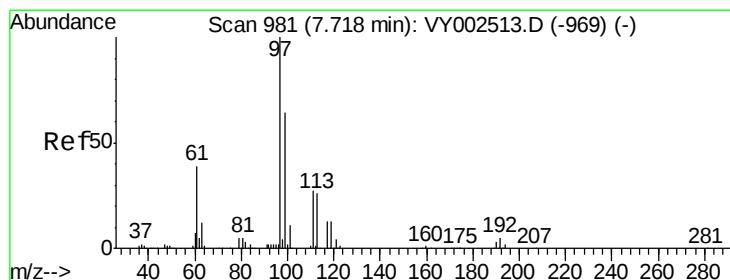
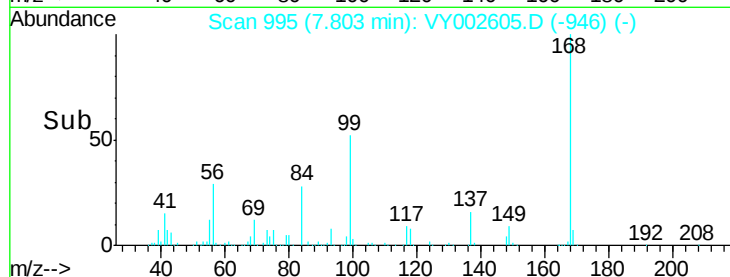
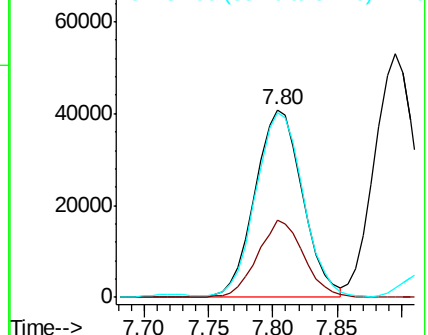
56 100

69 41.3 27.6 41.4

84 97.2 77.7 116.5



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: 19.826 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

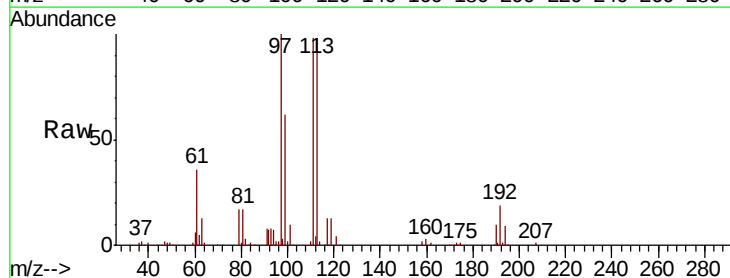
Tgt Ion: 97 Resp: 105496

Ion Ratio Lower Upper

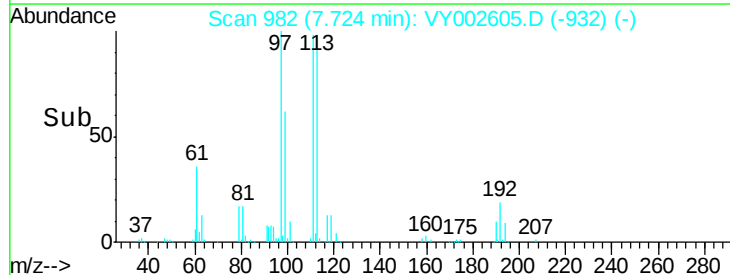
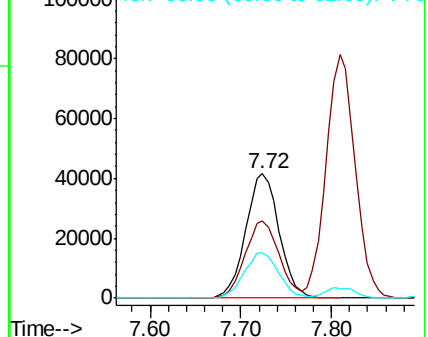
97 100

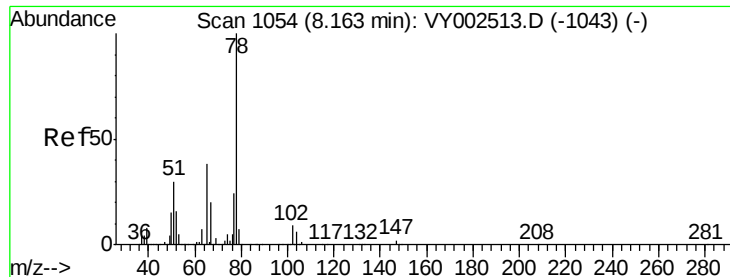
99 63.5 51.9 77.9

61 37.6 31.0 46.6



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

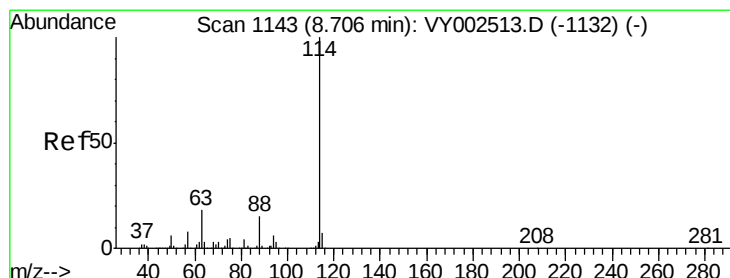
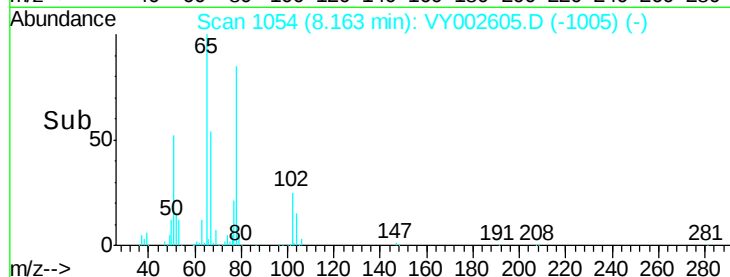
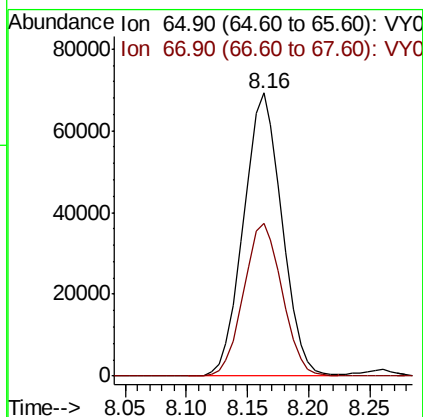
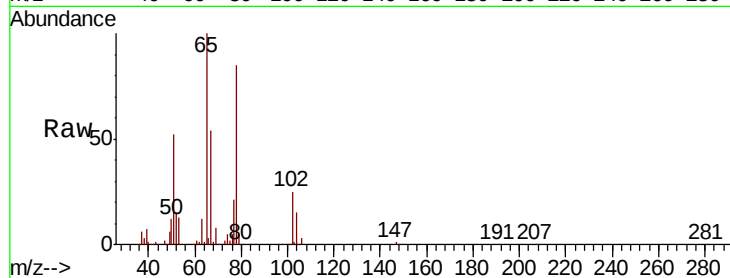




#33
 1,2-Dichloroethane-d4
 Concen: 49.055 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

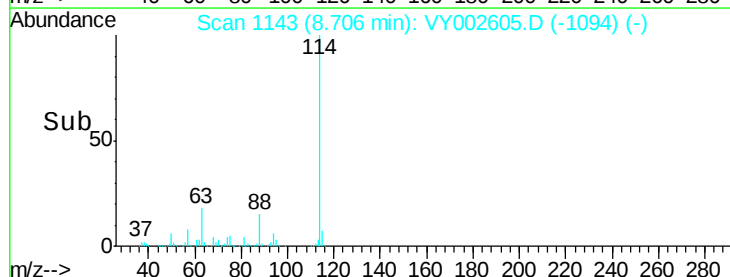
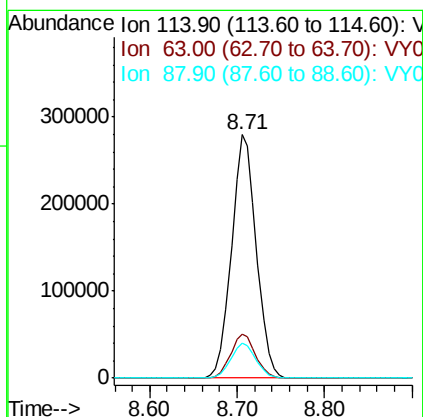
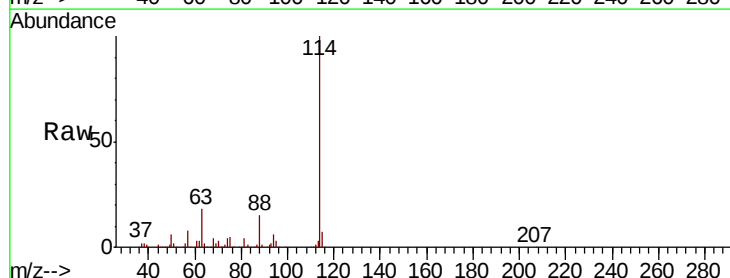
Instrument :
 MSVOA_Y
 ClientSampleId :

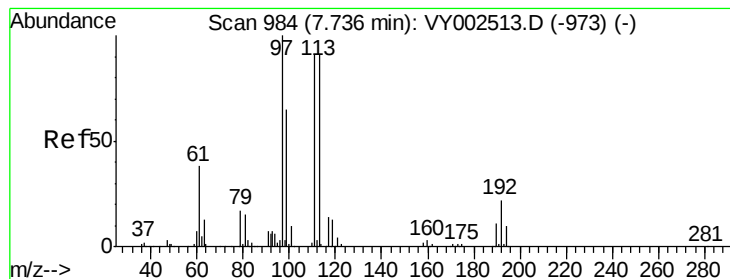
Tot Ion: 65 Resp: 151260
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion: 114 Resp: 547349
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.840 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

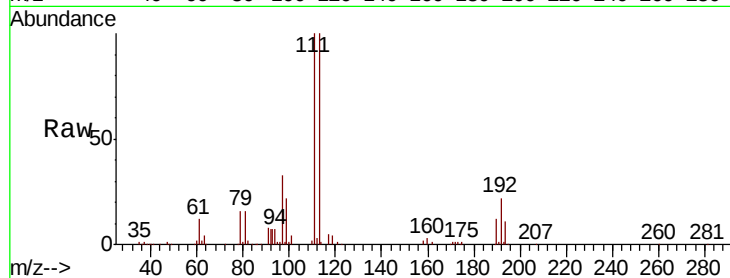
Tot Ion:113 Resp: 162275

Ion Ratio Lower Upper

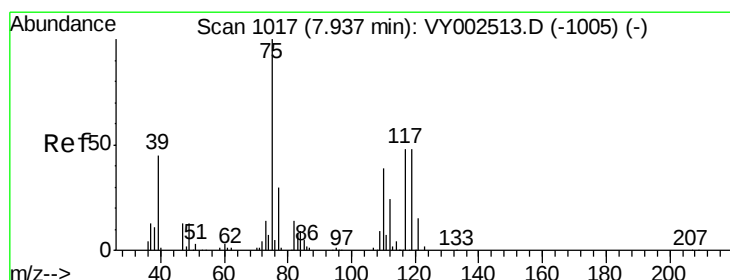
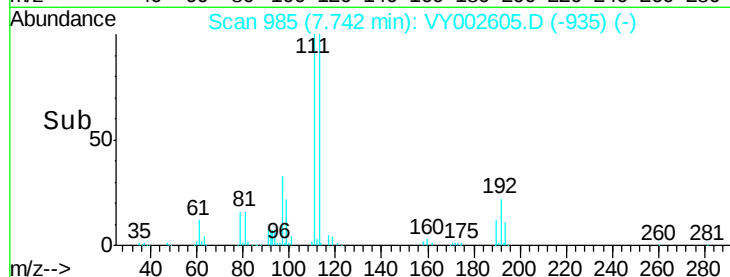
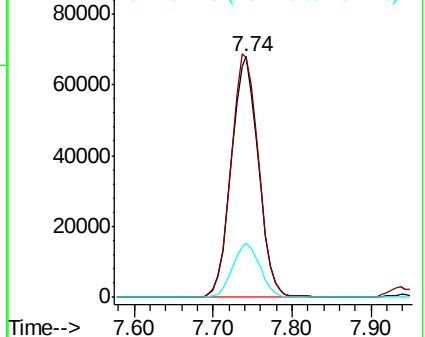
113 100

111 102.5 81.8 122.6

192 22.5 18.2 27.4



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: 19.674 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

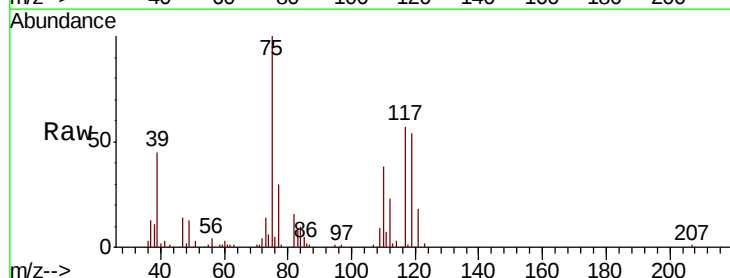
Tgt Ion: 75 Resp: 90272

Ion Ratio Lower Upper

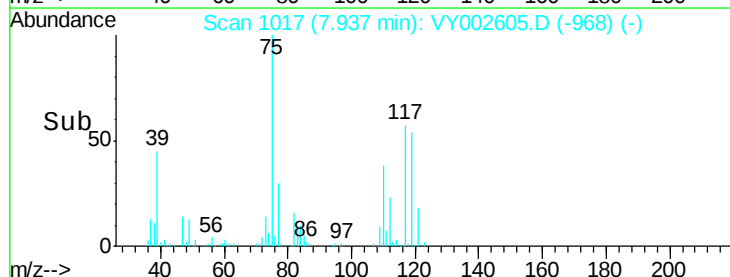
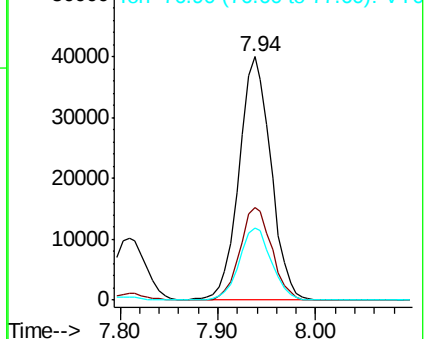
75 100

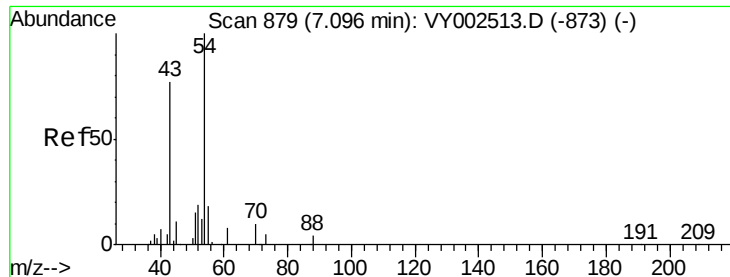
110 38.0 19.1 57.3

77 30.1 24.6 37.0



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

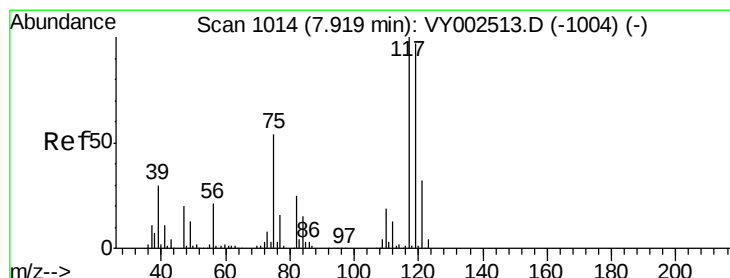
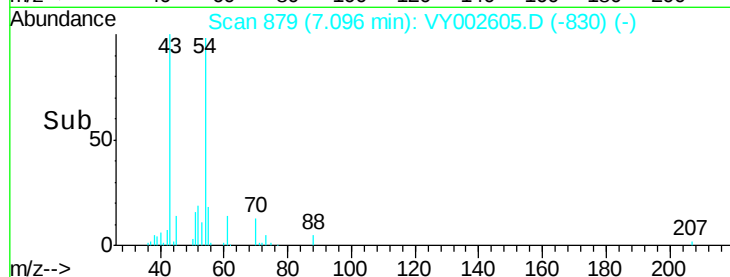
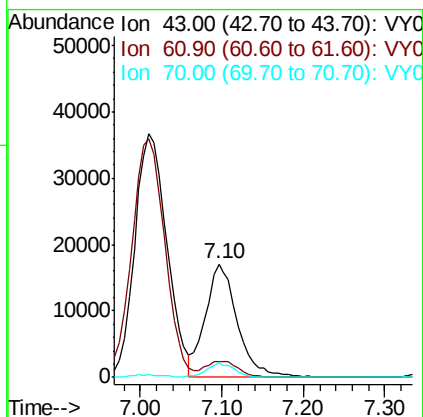
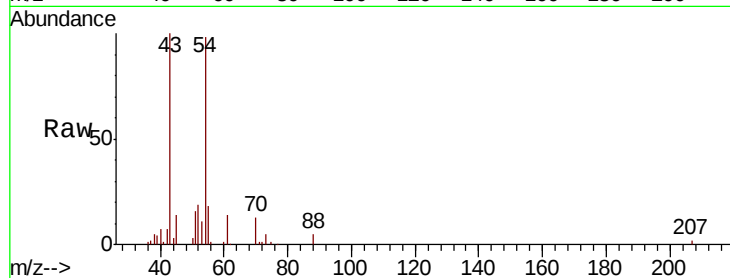




#37
Ethyl Acetate
Concen: 19.839 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

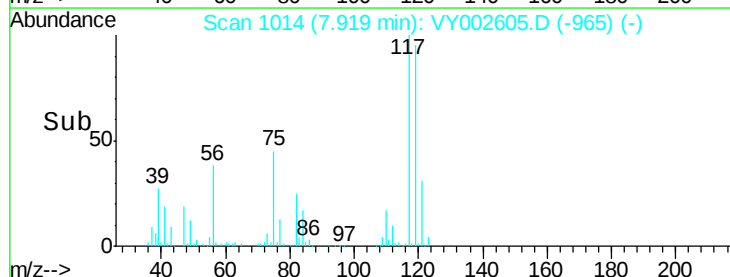
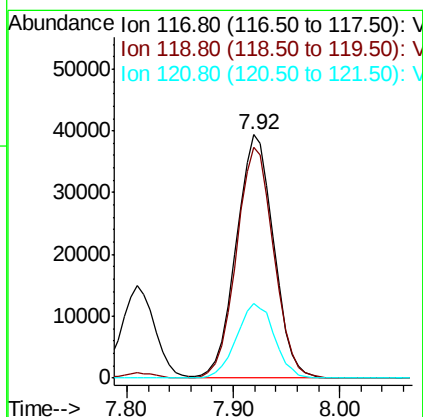
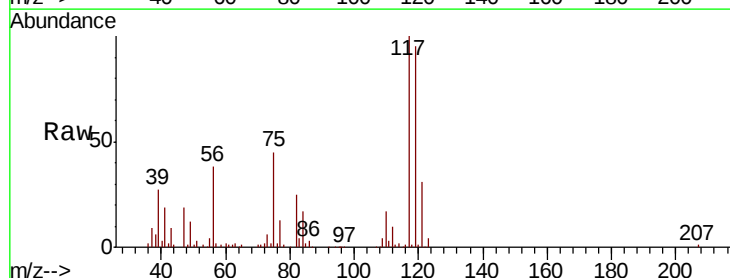
Instrument :
MSVOA_Y
ClientSampled :

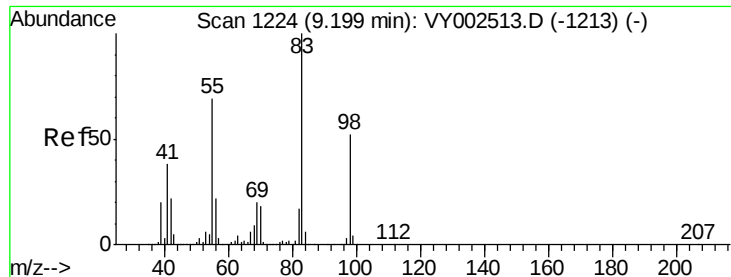
Tot Ion: 43 Resp: 46778
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.400 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 117 Resp: 97183
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
121 30.9 25.2 37.8

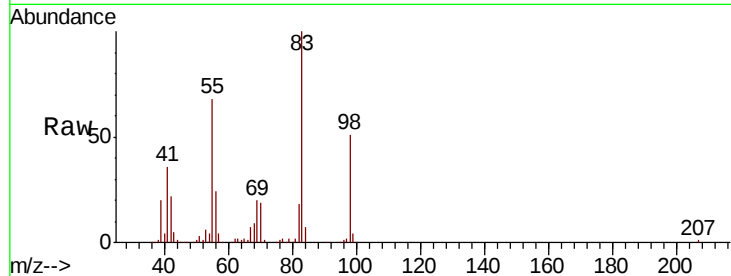




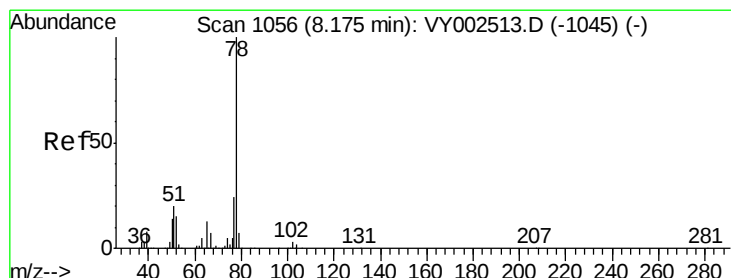
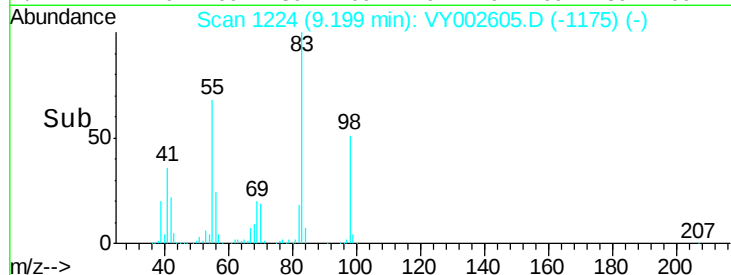
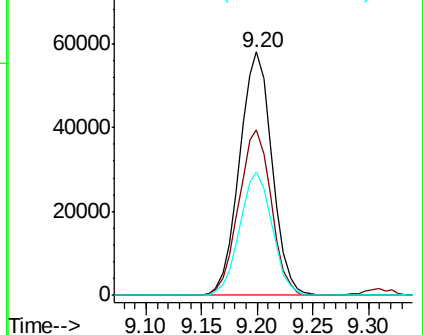
#39
Methvlcvclohexane
Concen: 19.386 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 117487
Ion Ratio Lower Upper
83 100
55 67.8 55.4 83.0
98 50.6 41.3 61.9

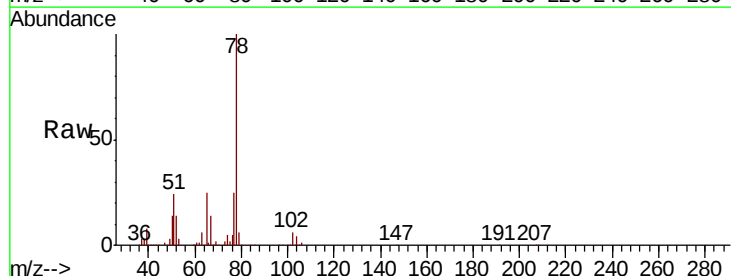


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

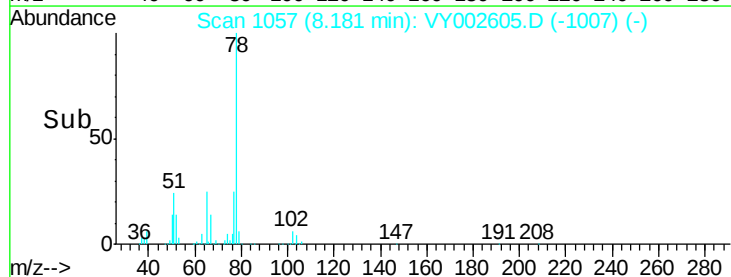
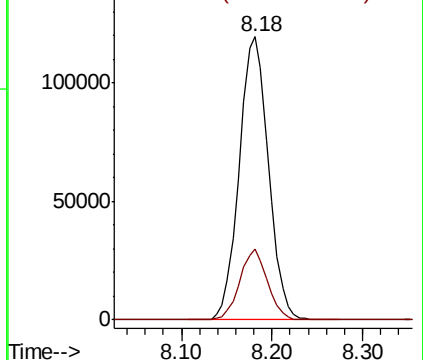


#40
Benzene
Concen: 20.043 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 78 Resp: 265614
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

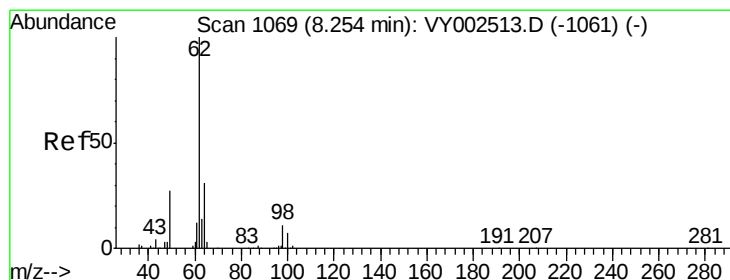
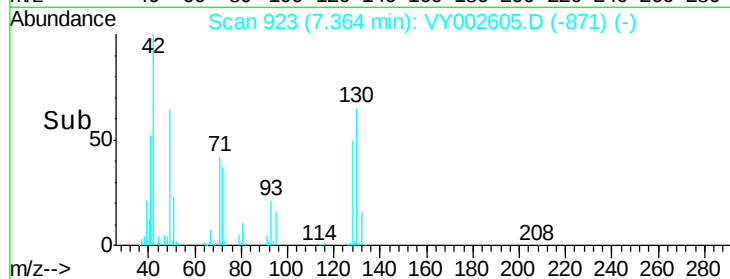
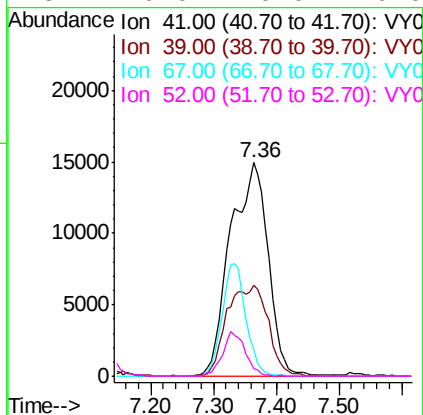
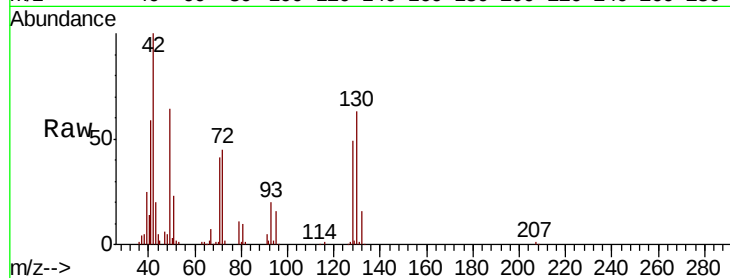




#41
Methacrylonitrile
Concen: 49.006 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

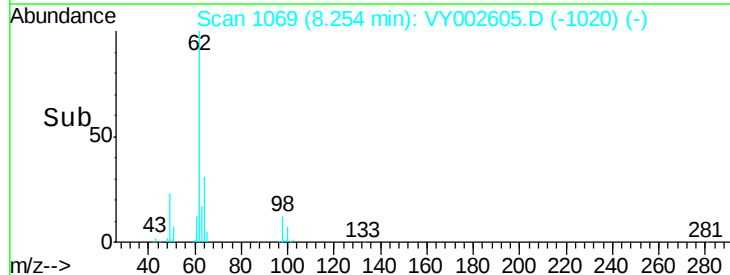
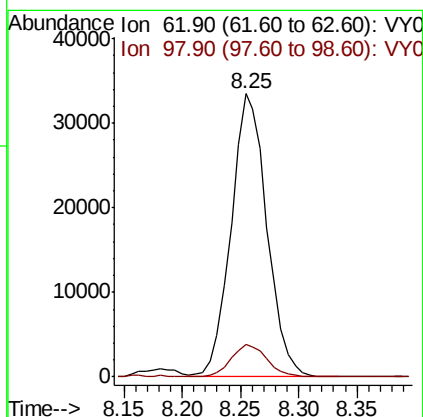
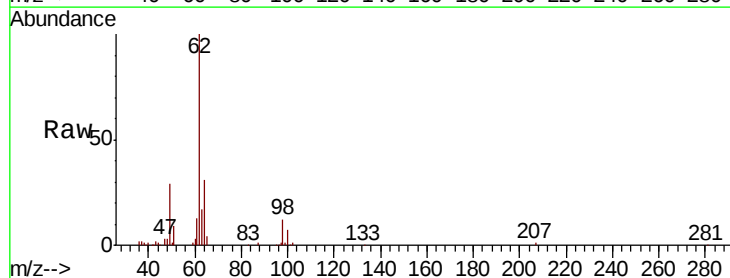
Instrument :
MSVOA_Y
ClientSampleId :

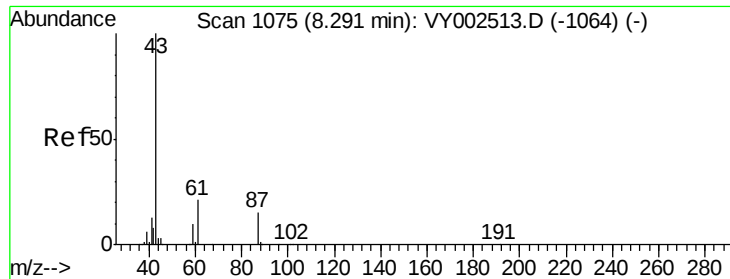
Tot Ion: 41 Resp: 62128
Ion Ratio Lower Upper
41 100
39 0.0 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.230 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 62 Resp: 71485
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.0





#43

Isopropyl Acetate

Concen: 19.971 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

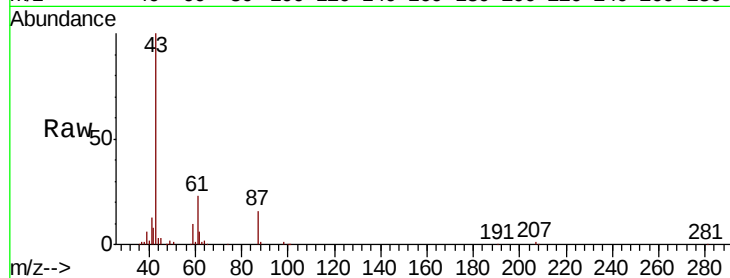
Tot Ion: 43 Resp: 88279

Ion Ratio Lower Upper

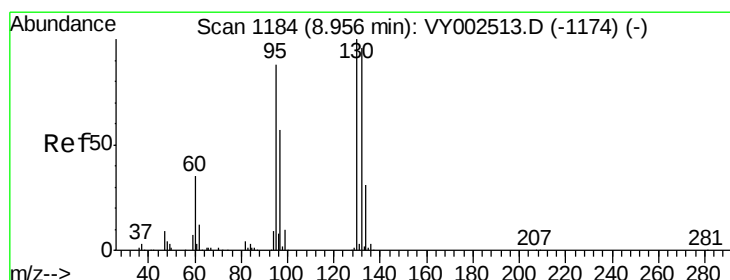
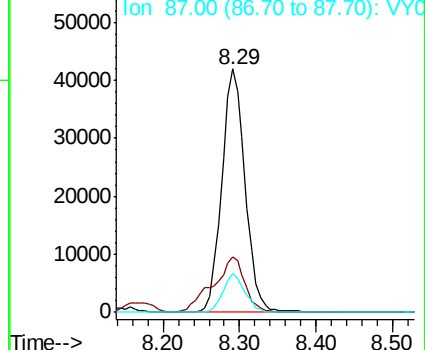
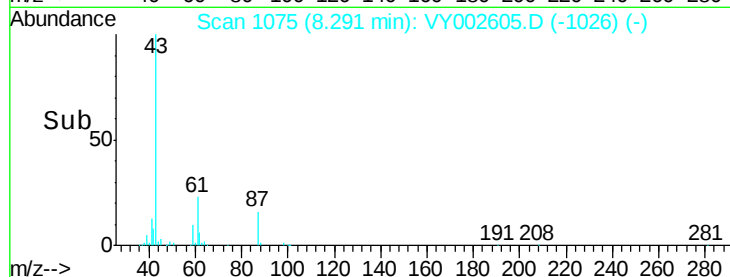
43 100

61 31.0 24.8 37.2

87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002605.D (-1026) (-)



#44

Trichloroethene

Concen: 20.515 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002605.D

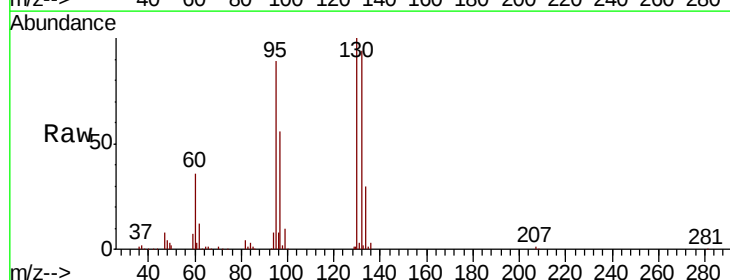
Acq: 06 May 2020 11:21

Tgt Ion: 130 Resp: 84965

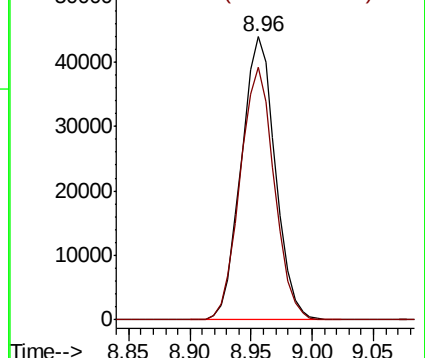
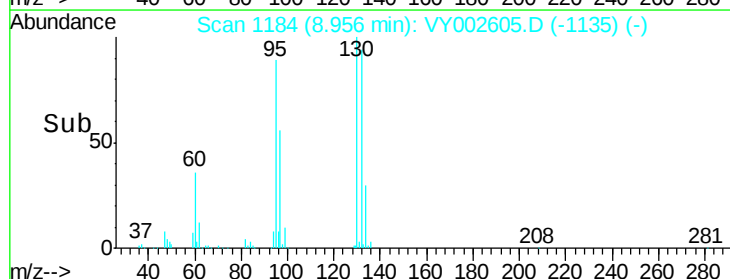
Ion Ratio Lower Upper

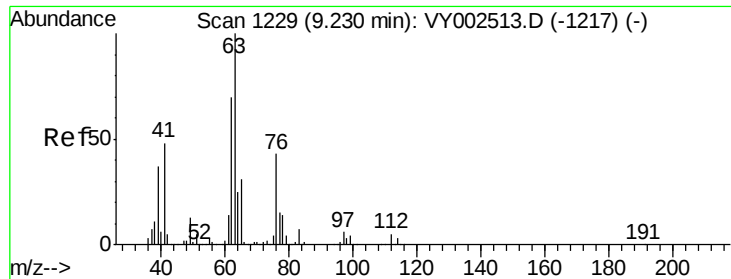
130 100

95 89.4 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002605.D (-1135) (-)





#45

1,2-Dichloropropane

Concen: 20.524 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

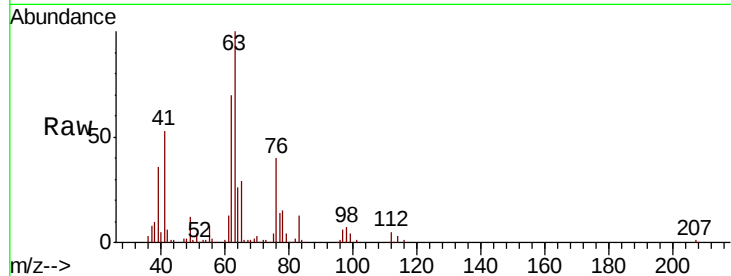
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 65644

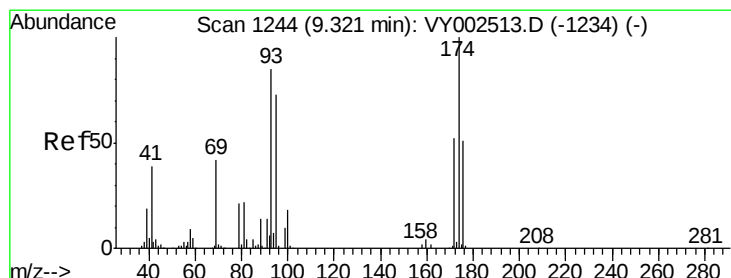
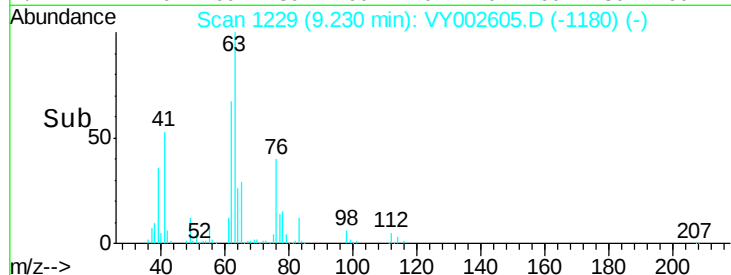
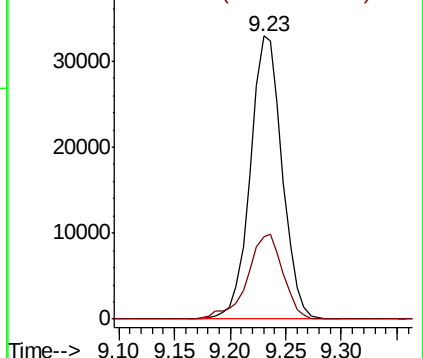
Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



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



#46

Dibromomethane

Concen: 19.354 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

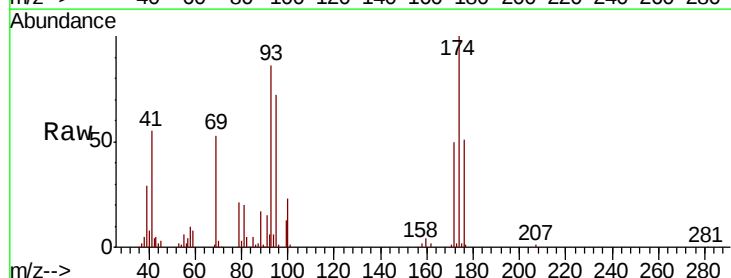
Tgt Ion: 93 Resp: 35617

Ion Ratio Lower Upper

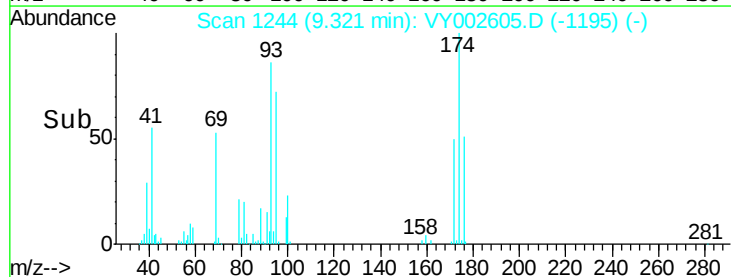
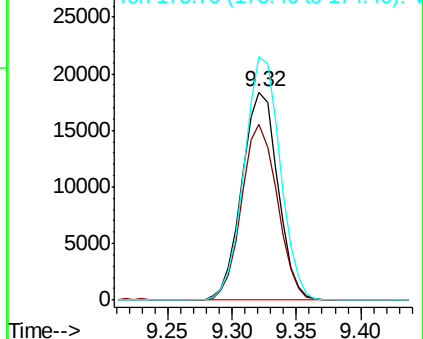
93 100

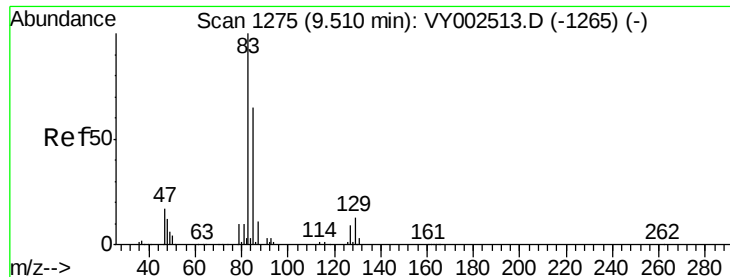
95 83.6 67.0 100.4

174 116.8 92.7 139.1



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





#47

Bromodichloromethane

Concen: 19.942 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

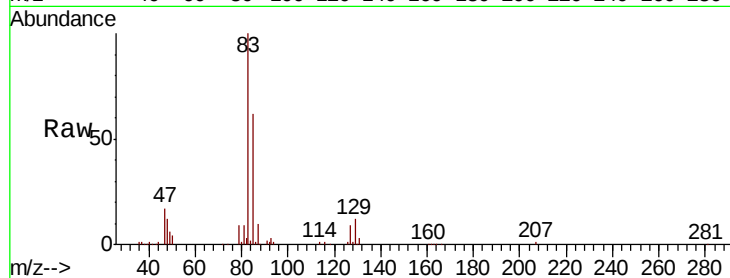
Tot Ion: 83 Resp: 89233

Ion Ratio Lower Upper

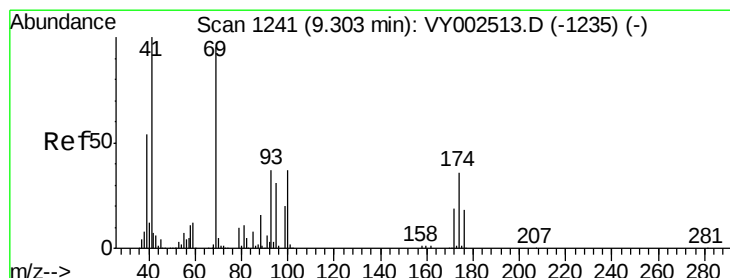
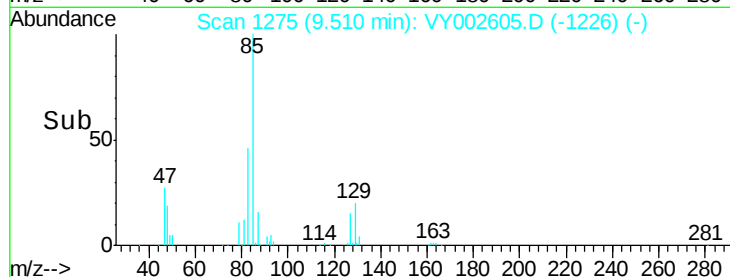
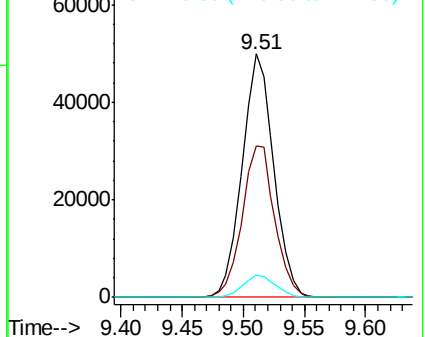
83 100

85 62.0 51.8 77.8

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.463 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

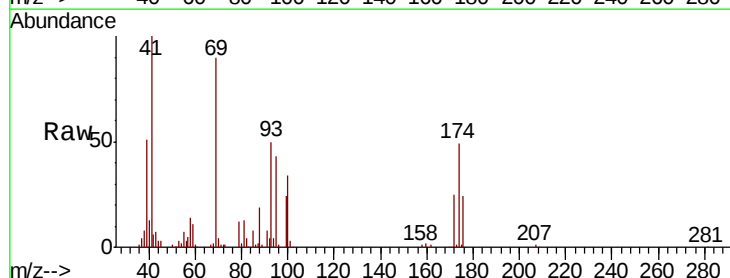
Tgt Ion: 41 Resp: 38936

Ion Ratio Lower Upper

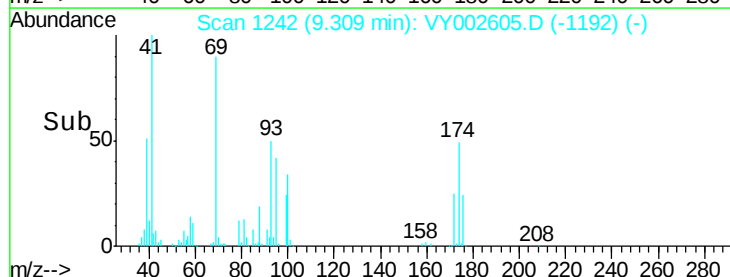
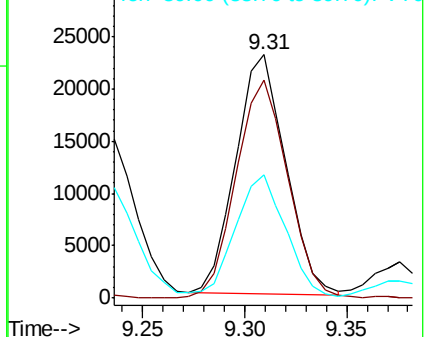
41 100

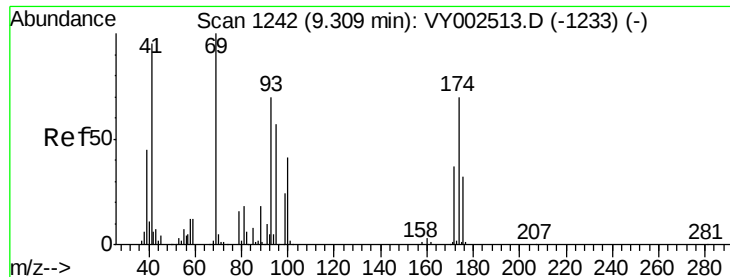
69 94.9 76.2 114.4

39 52.6 42.7 64.1



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

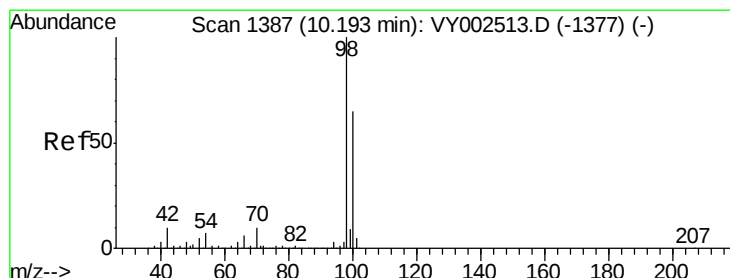
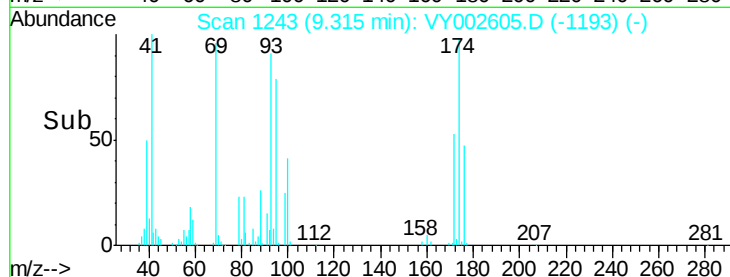
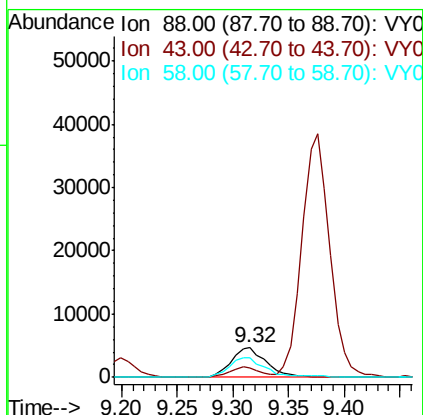
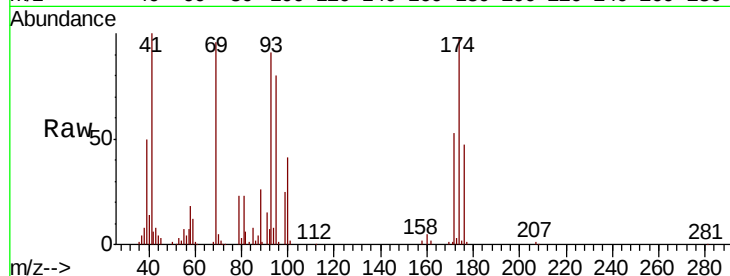




#49
1,4-Dioxane
Concen: 423.139 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

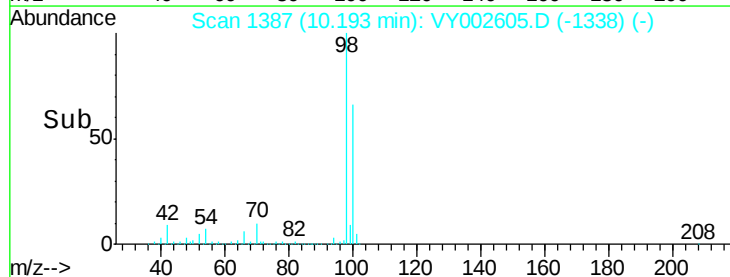
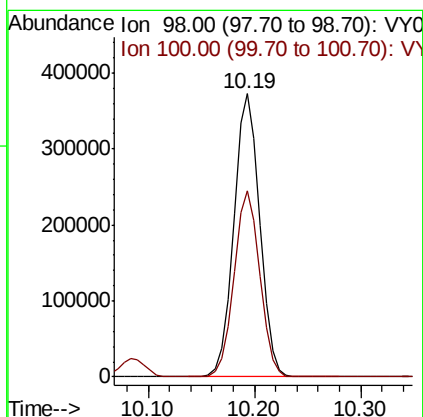
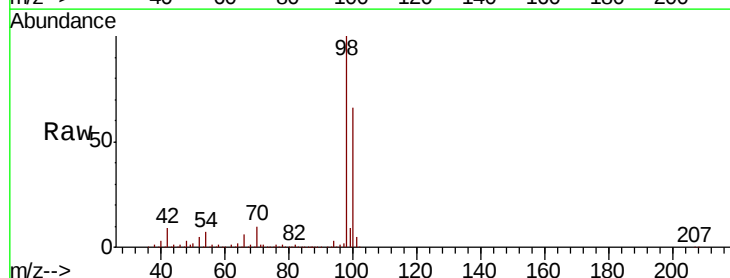
Instrument :
MSVOA_Y
ClientSampled :

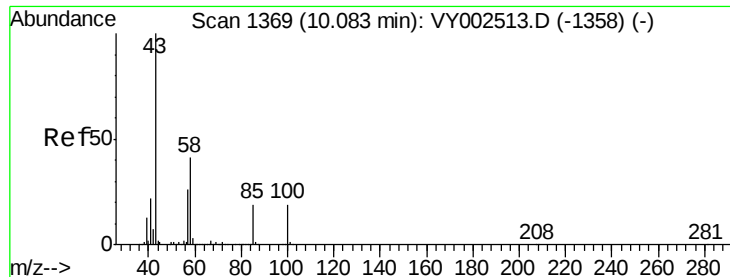
Tot Ion: 88 Resp: 10310
Ion Ratio Lower Upper
88 100
43 28.4 22.8 34.2
58 68.9 51.4 77.2



#50
Toluene-d8
Concen: 51.822 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 98 Resp: 633484
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

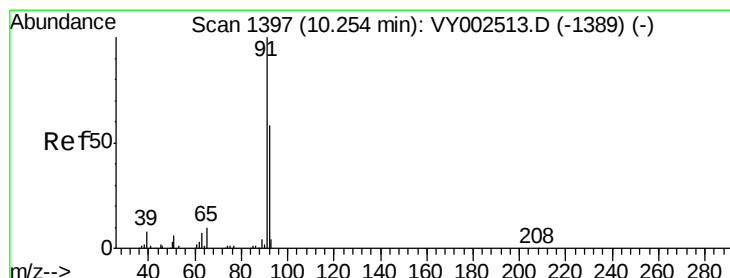
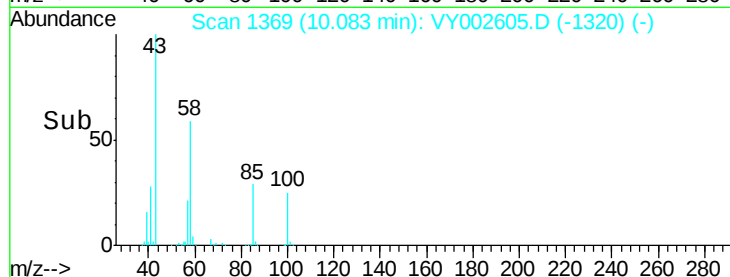
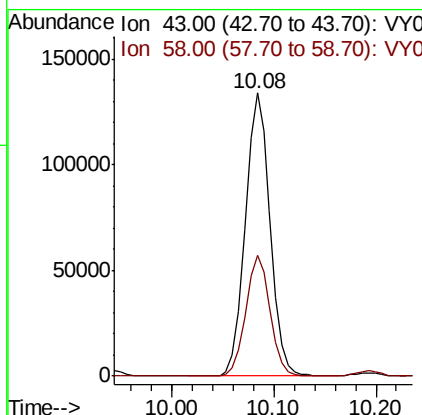
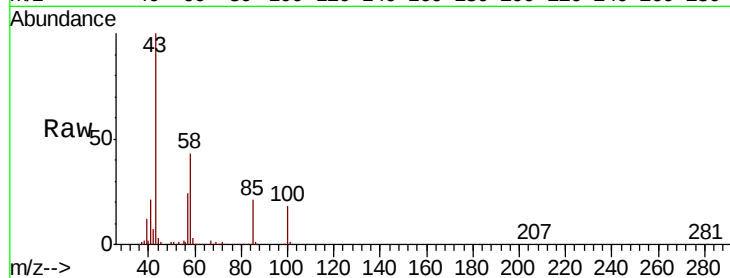




#51
 4-Methyl-2-Pentanone
 Concen: 98.869 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

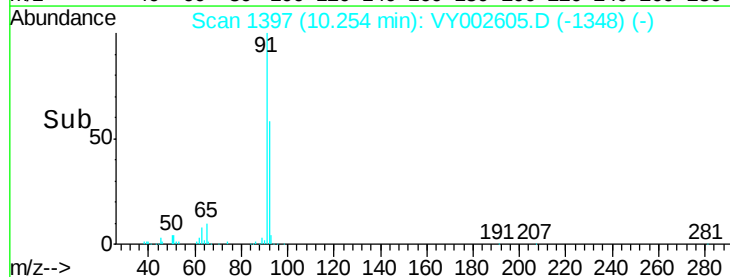
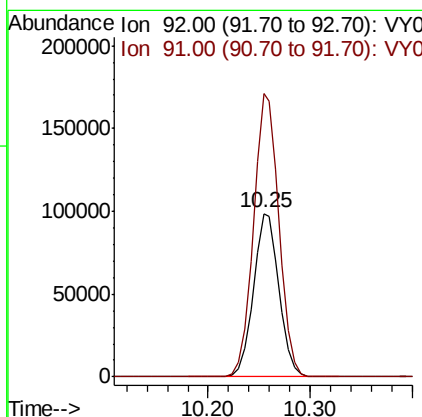
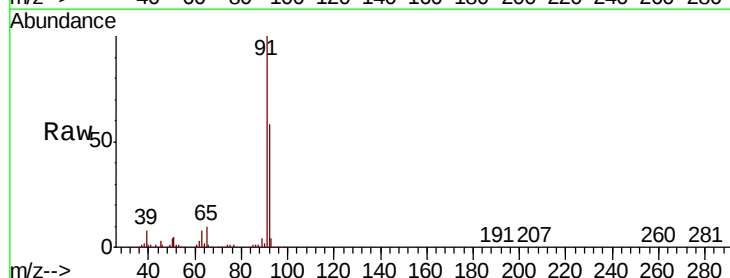
Instrument :
 MSVOA_Y
 ClientSampled :

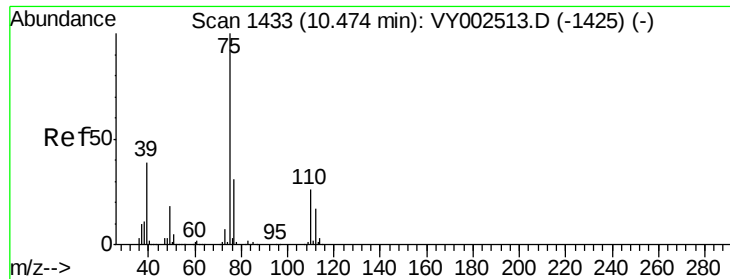
Tot Ion: 43 Resp: 225267
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.2 49.8



#52
 Toluene
 Concen: 20.157 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion: 92 Resp: 171675
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.512 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

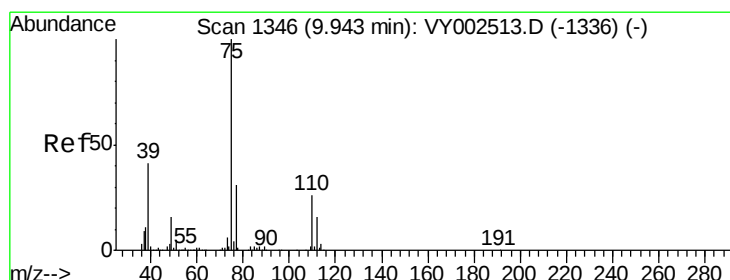
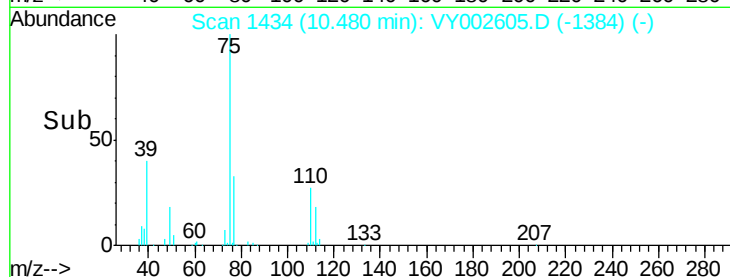
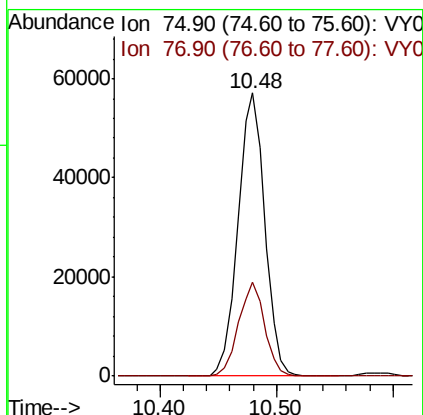
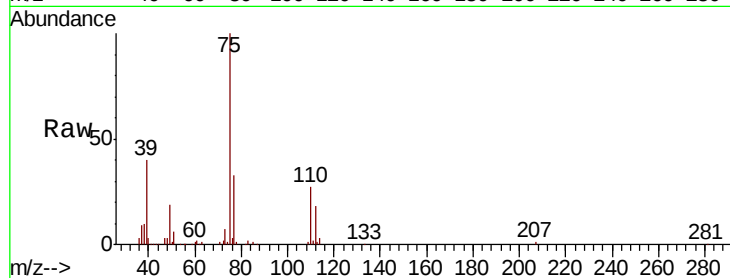
ClientSampleId :

Tot Ion: 75 Resp: 91480

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.775 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

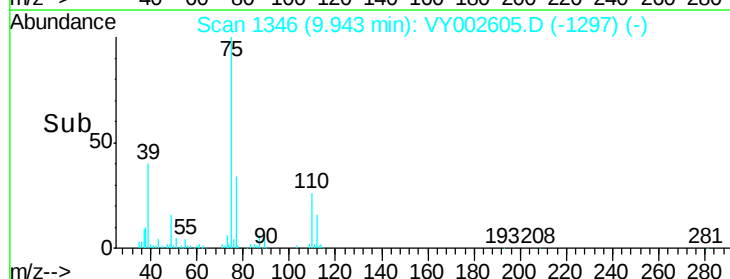
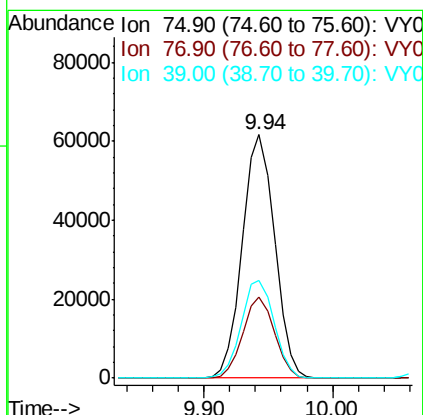
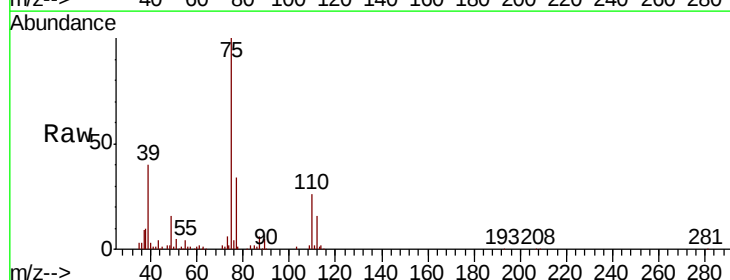
Tgt Ion: 75 Resp: 107181

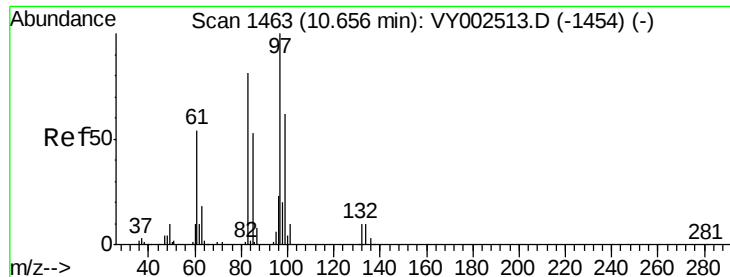
Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

39 40.0 32.7 49.1

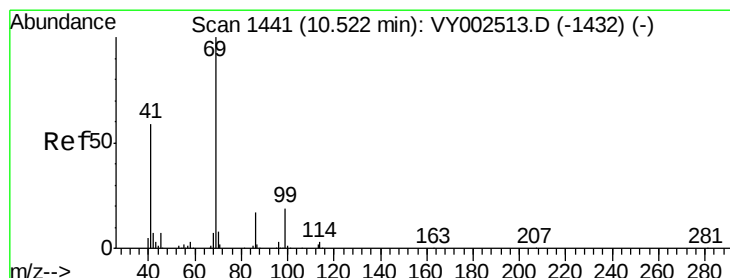
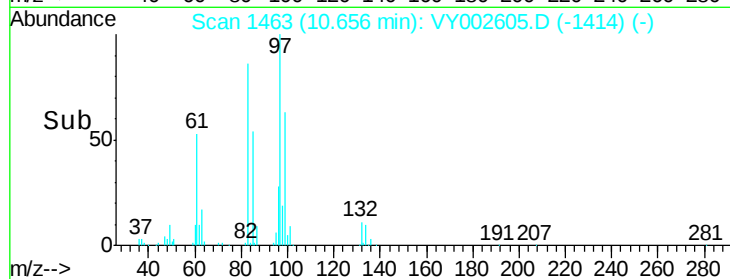
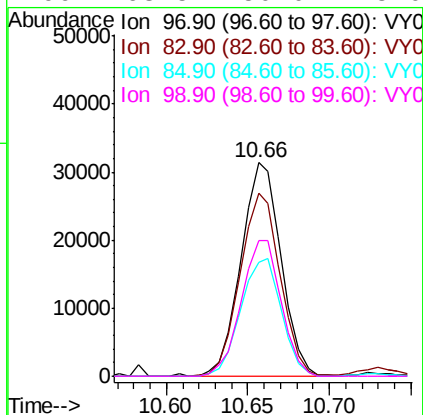
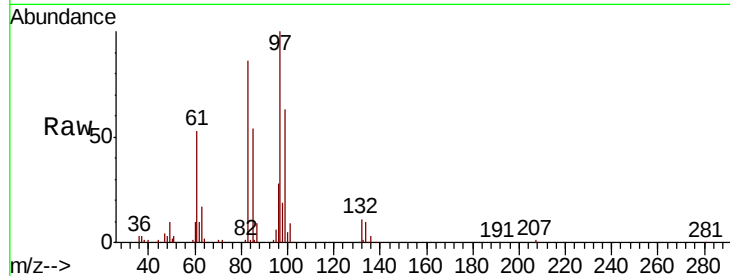




#55
 1,1,2-Trichloroethane
 Concen: 19.949 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

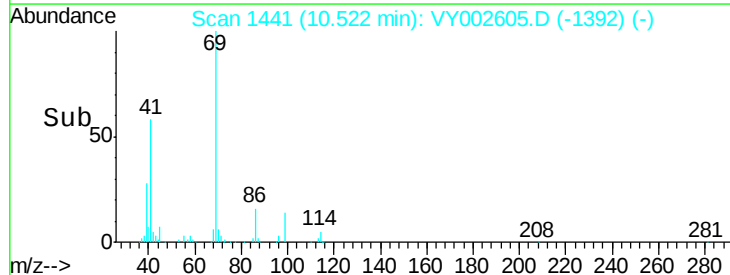
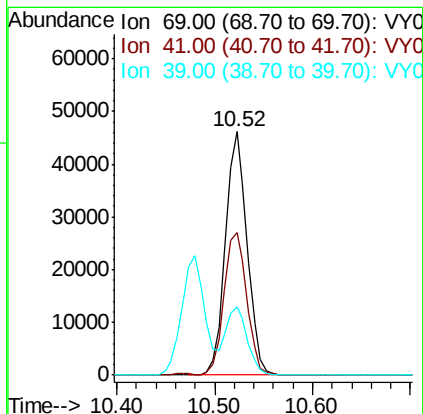
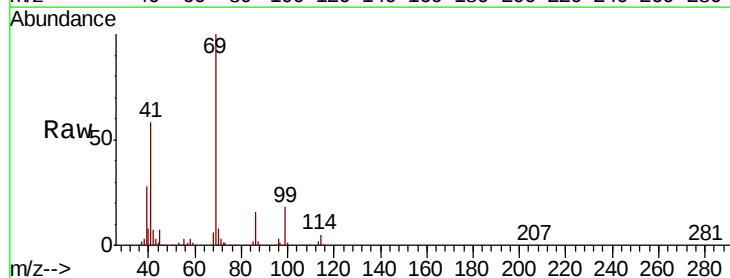
Instrument :
 MSVOA_Y
 ClientSampleId :

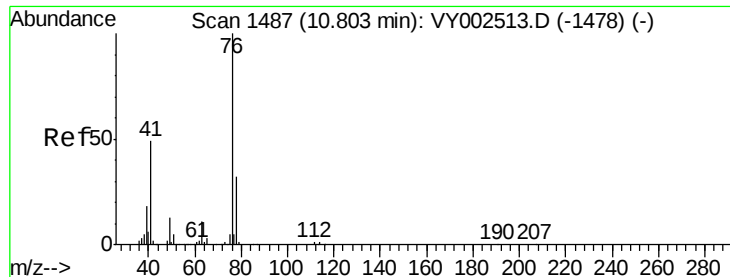
Tot Ion:	97	Resp:	53535
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.1	97.7
85	53.5	42.7	64.1
99	63.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.894 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion:	69	Resp:	71021
Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.6	73.0
39	26.9	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.011 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

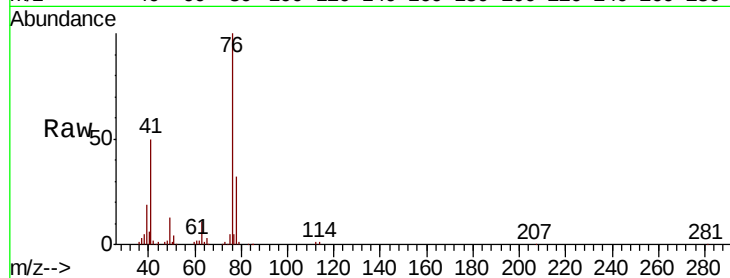
ClientSampleId :

Tot Ion: 76 Resp: 91069

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

60000

50000

40000

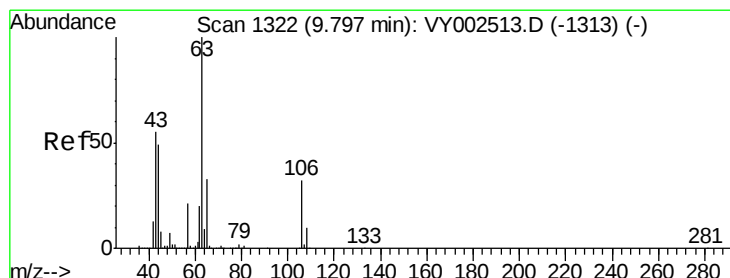
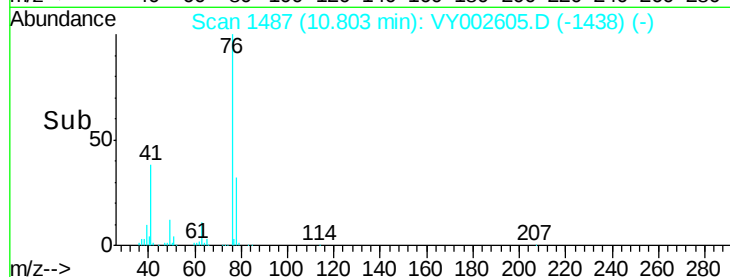
30000

20000

10000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 105.620 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002605.D

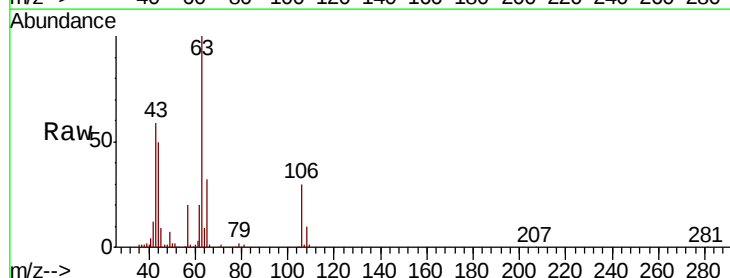
Acq: 06 May 2020 11:21

Tgt Ion: 63 Resp: 198846

Ion Ratio Lower Upper

63 100

106 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

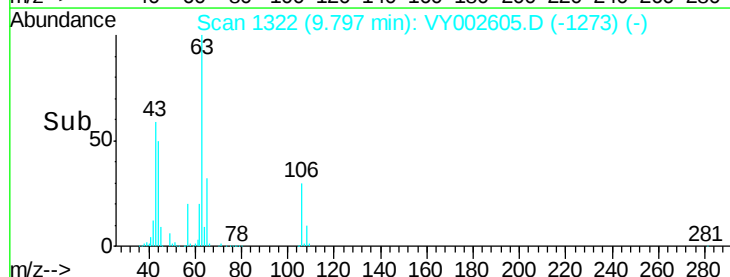
9.80

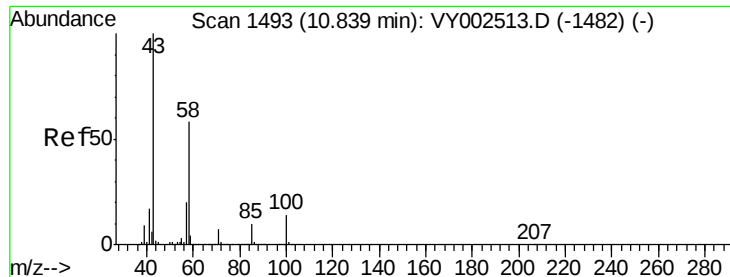
100000

50000

0

Time--> 9.70 9.80 9.90

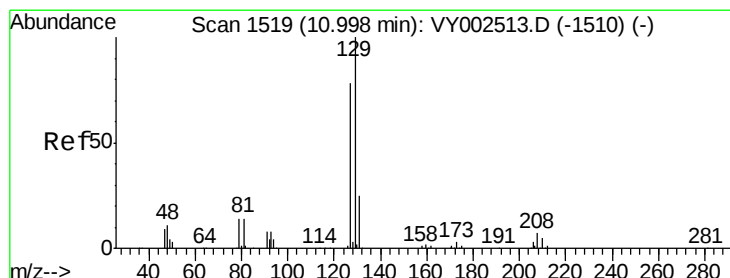
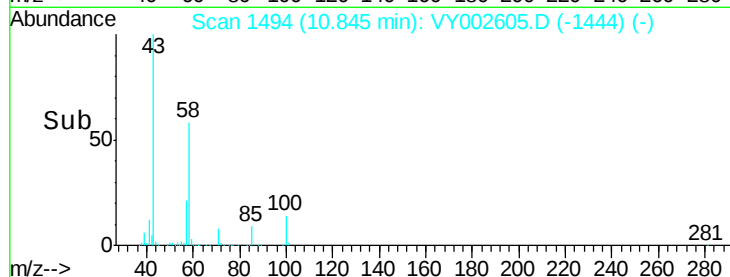
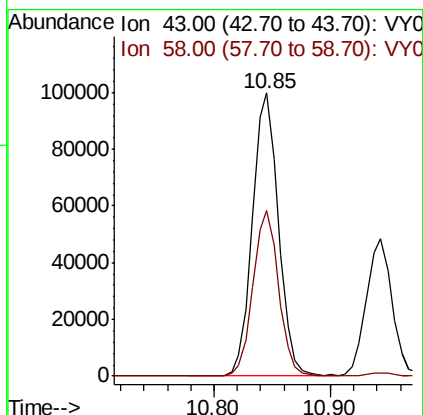
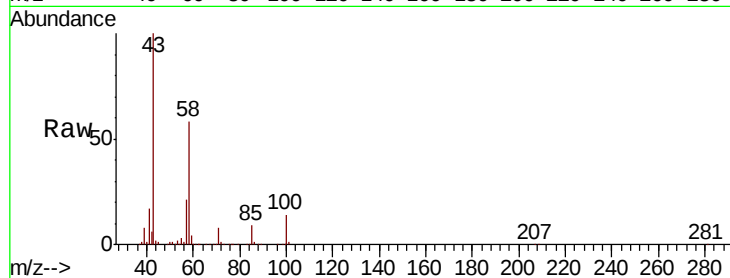




#59
2-Hexanone
Concen: 99.511 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

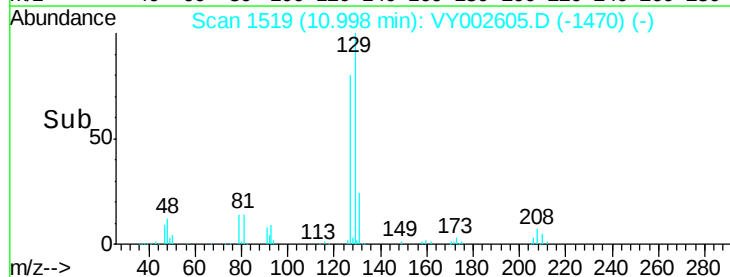
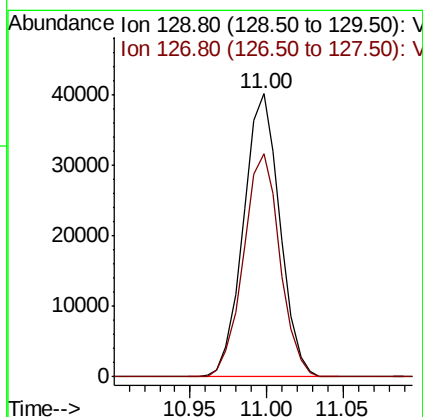
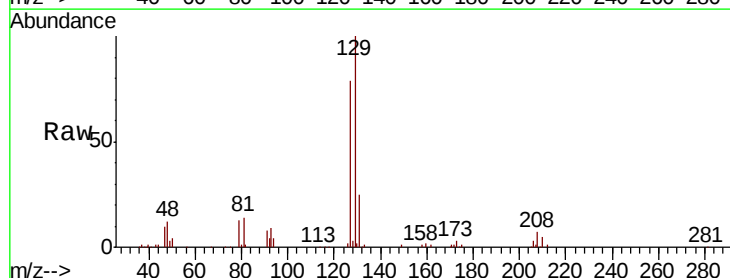
Instrument :
MSVOA_Y
ClientSampleId :

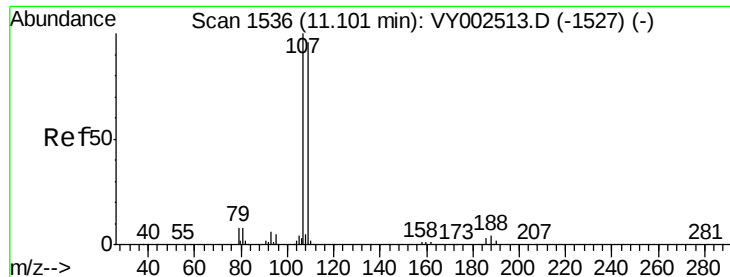
Tot Ion: 43 Resp: 156052
Ion Ratio Lower Upper
43 100
58 57.7 29.1 87.3



#60
Dibromochloromethane
Concen: 19.475 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 129 Resp: 66471
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.593 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

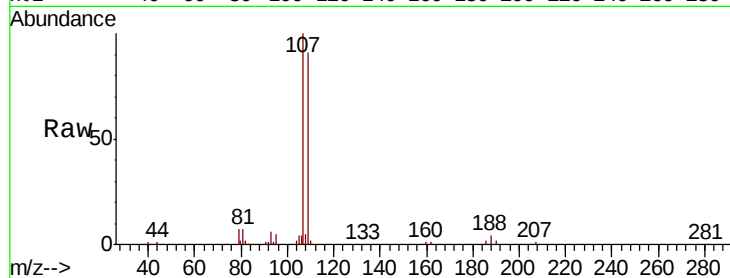
ClientSampleId :

Tot Ion: 107 Resp: 52064

Ion Ratio Lower Upper

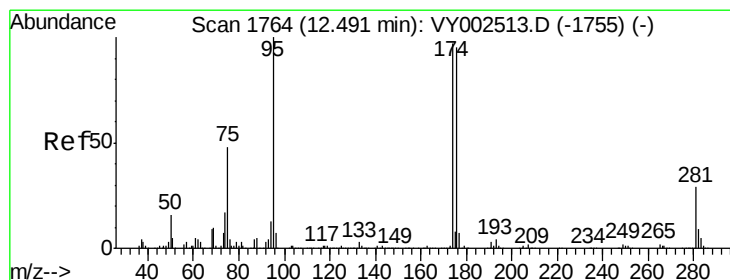
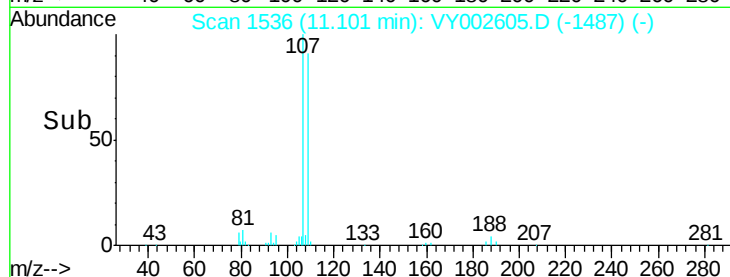
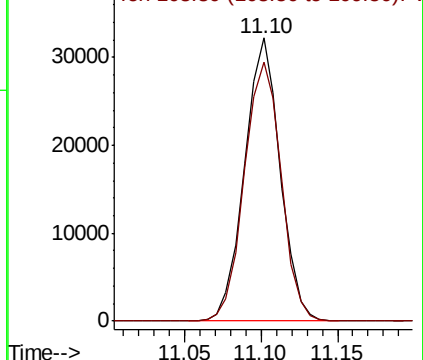
107 100

109 94.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.237 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

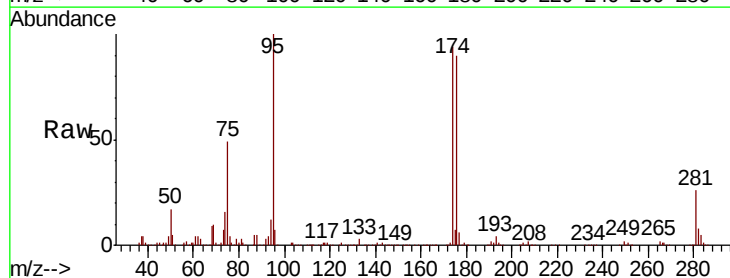
Tgt Ion: 95 Resp: 216678

Ion Ratio Lower Upper

95 100

174 92.2 0.0 188.8

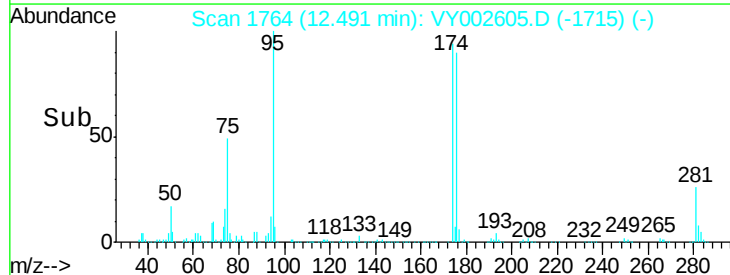
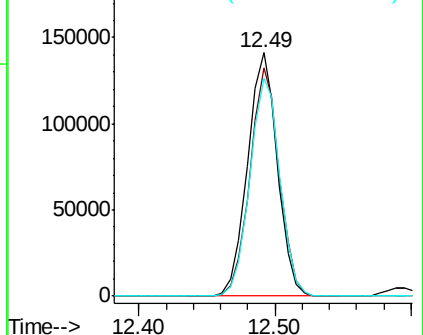
176 90.2 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

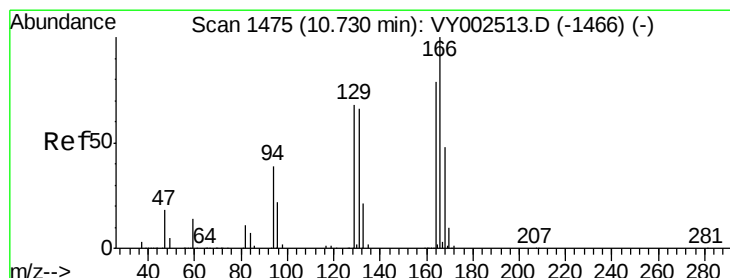
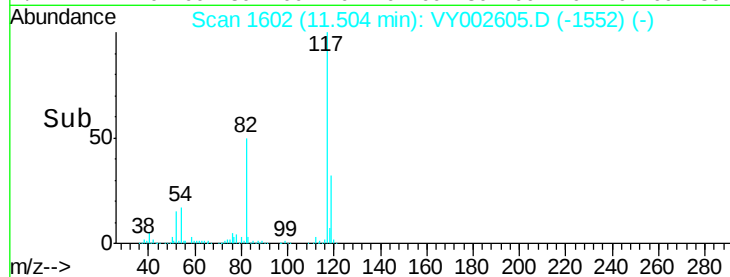
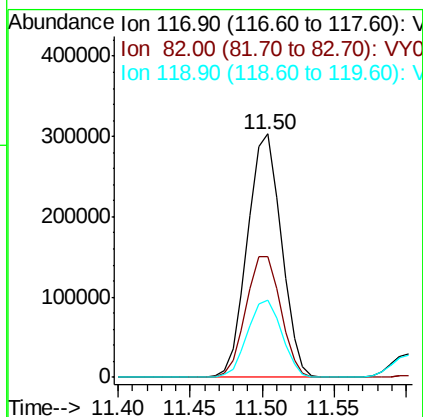
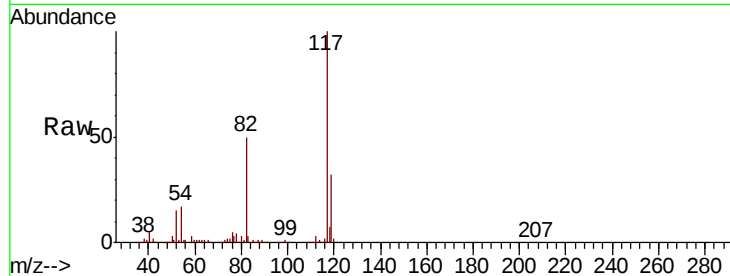




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

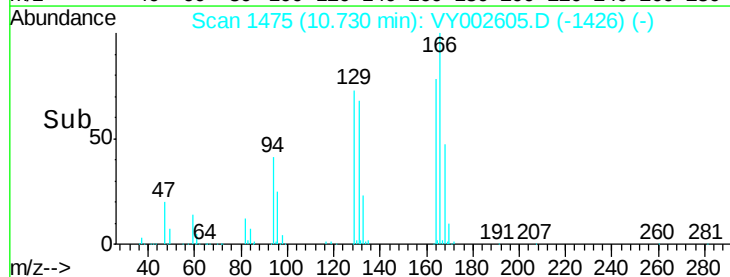
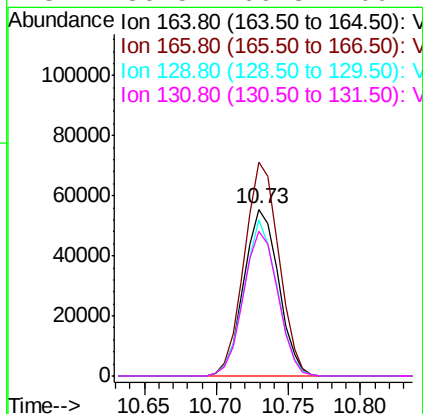
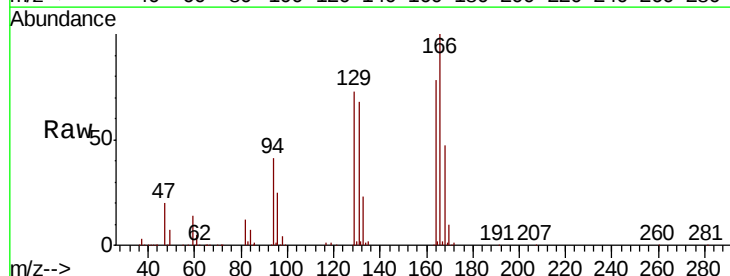
Instrument :
MSVOA_Y
ClientSampleId :

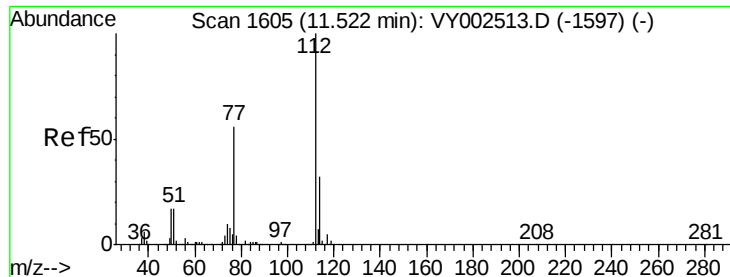
Tot Ion:117 Resp: 495391
Ion Ratio Lower Upper
117 100
82 49.7 41.3 61.9
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 21.062 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion:164 Resp: 92704
Ion Ratio Lower Upper
164 100
166 127.9 100.7 151.1
129 93.2 68.3 102.5
131 86.5 66.8 100.2





#65

Chlorobenzene

Concen: 20.143 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

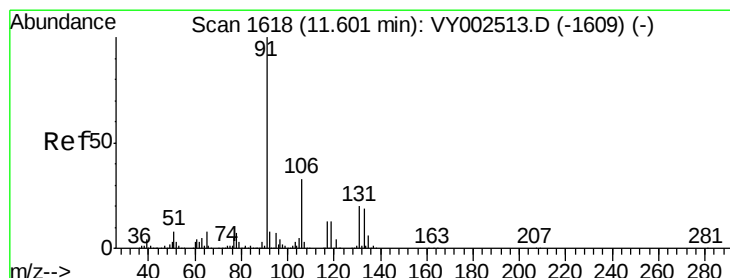
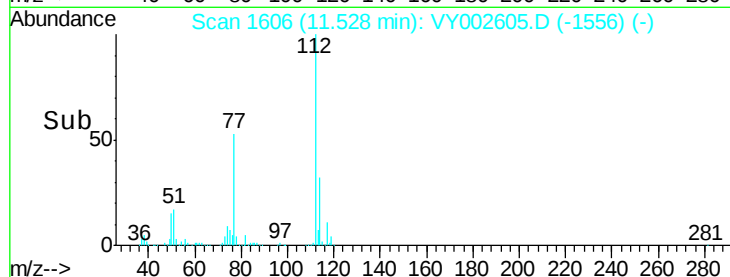
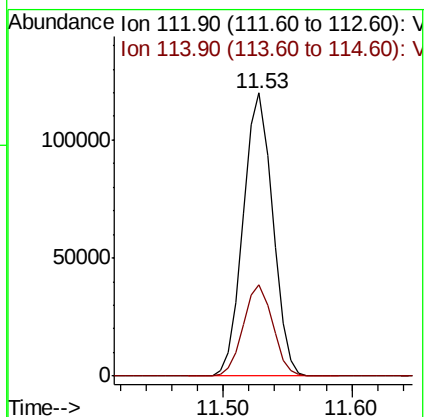
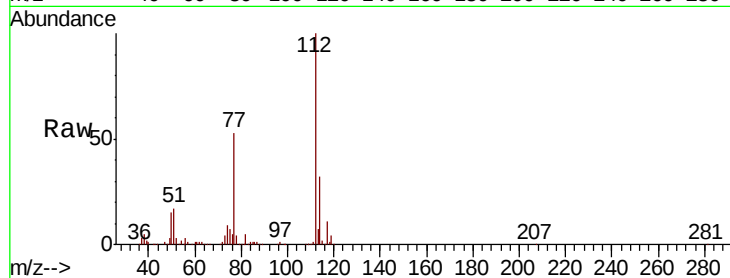
ClientSampleId :

Tot Ion:112 Resp: 189694

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.014 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

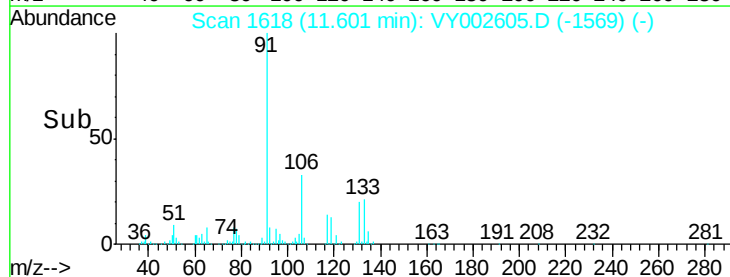
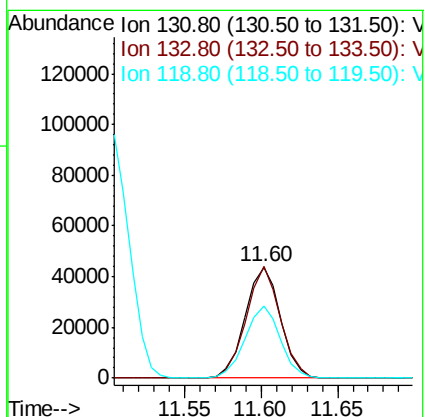
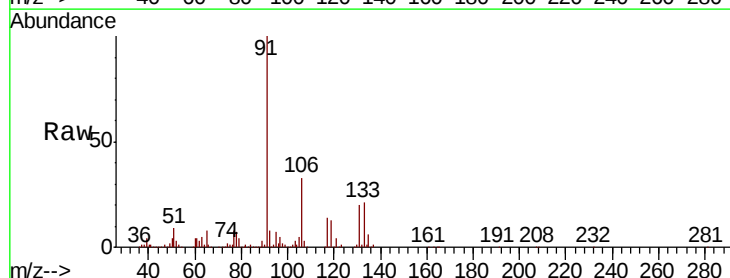
Tgt Ion:131 Resp: 69963

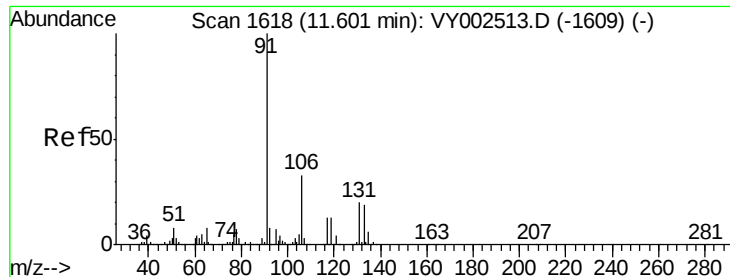
Ion Ratio Lower Upper

131 100

133 97.4 48.1 144.4

119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 20.170 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

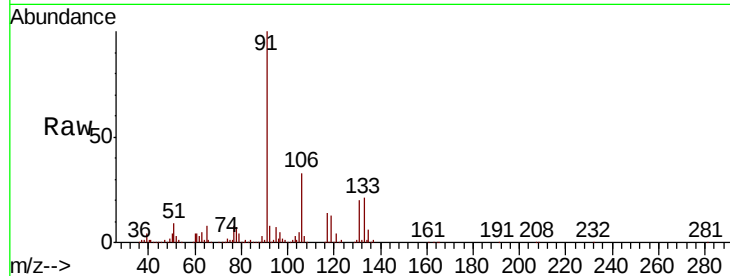
ClientSampled :

Tot Ion: 91 Resp: 333653

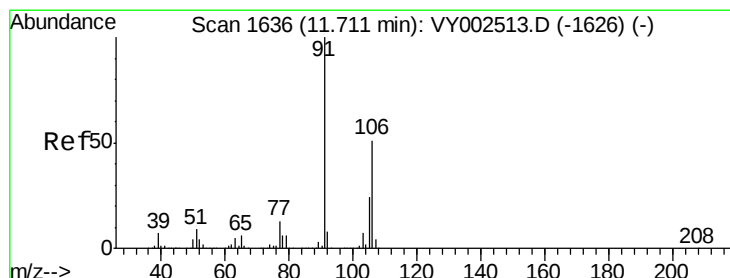
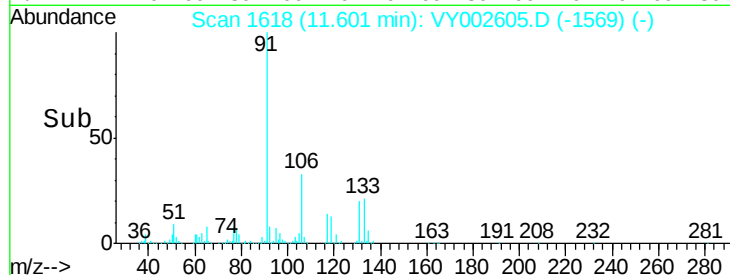
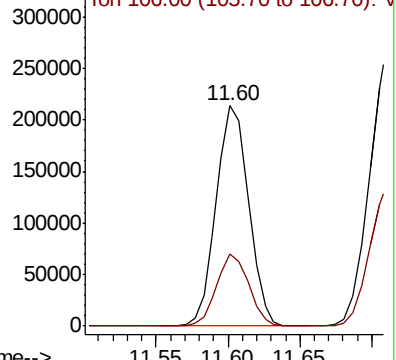
Ion Ratio Lower Upper

91 100

106 32.5 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002605.D (-1569) (-)



#68

m/p-Xylenes

Concen: 40.152 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002605.D

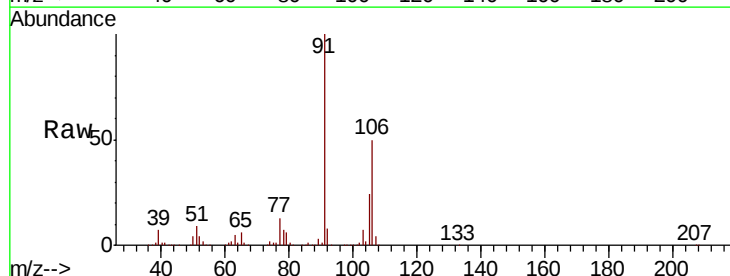
Acq: 06 May 2020 11:21

Tgt Ion: 106 Resp: 256995

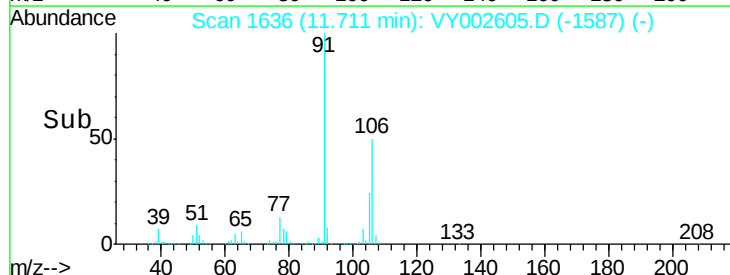
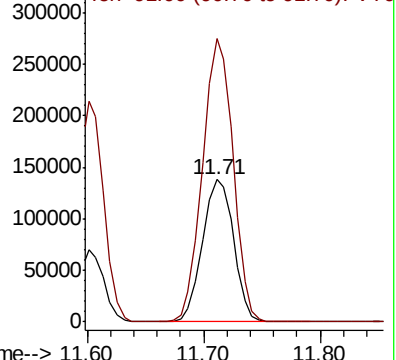
Ion Ratio Lower Upper

106 100

91 195.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002605.D (-1587) (-)

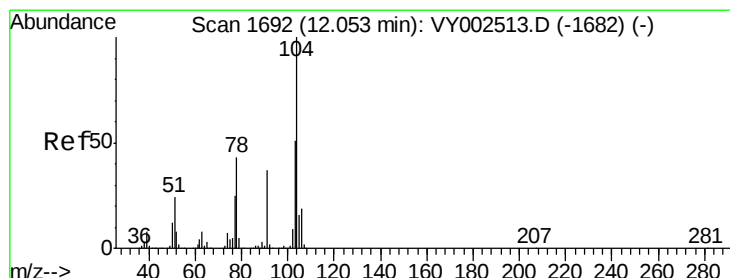
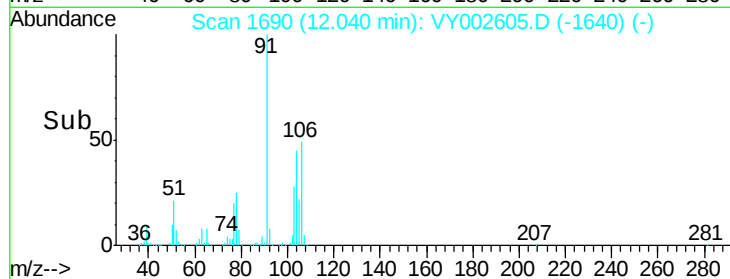
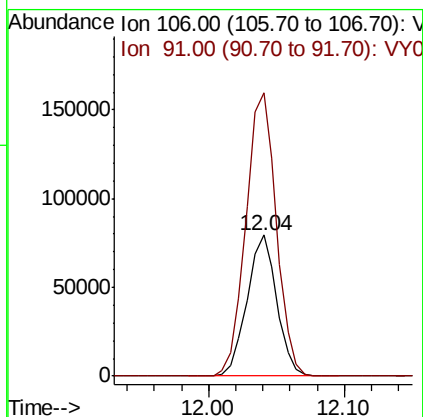
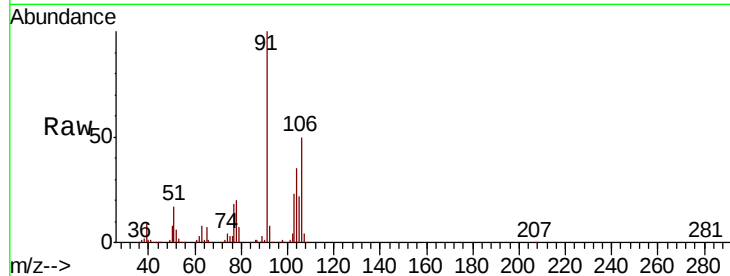




#69
o-Xylene
Concen: 20.289 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

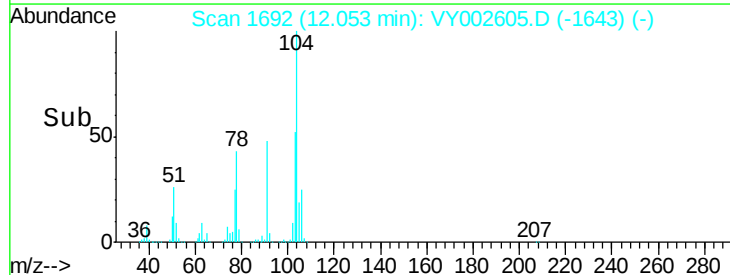
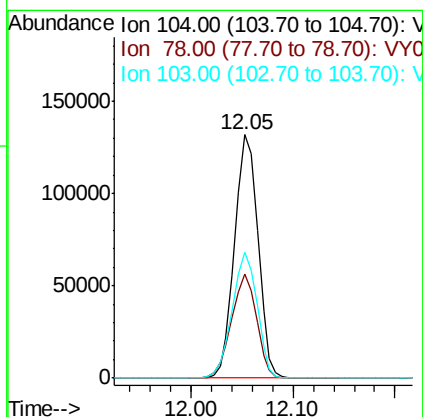
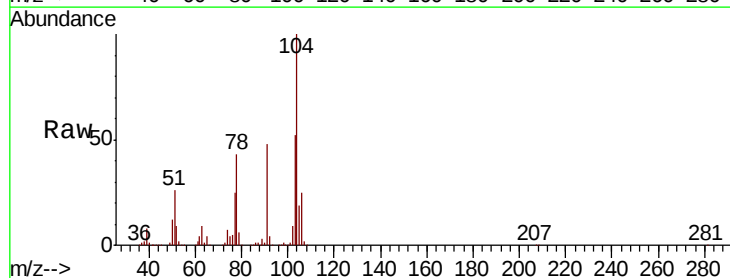
Instrument :
MSVOA_Y
ClientSampleId :

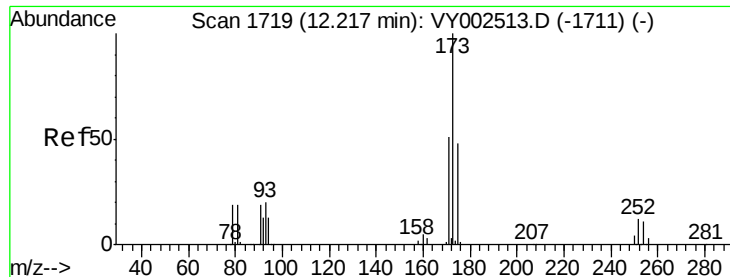
Tot Ion:106 Resp: 121594
Ion Ratio Lower Upper
106 100
91 205.8 103.8 311.3



#70
Styrene
Concen: 20.380 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion:104 Resp: 208795
Ion Ratio Lower Upper
104 100
78 45.7 37.4 56.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 19.824 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

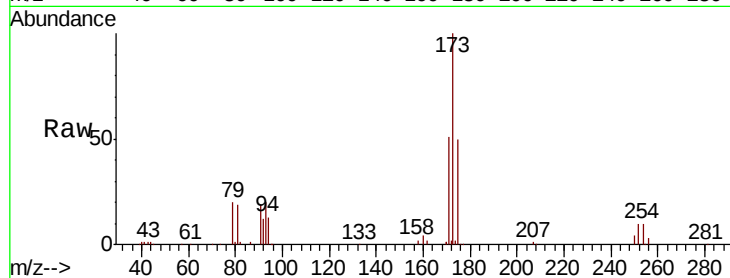
Tot Ion:173 Resp: 43012

Ion Ratio Lower Upper

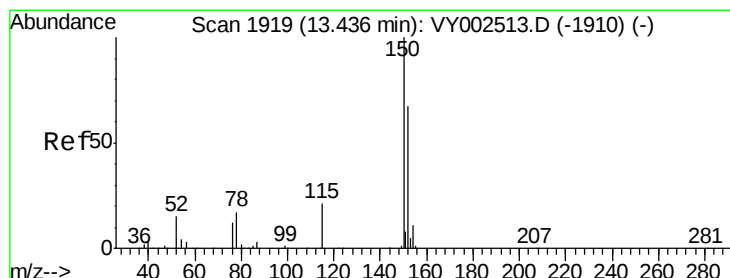
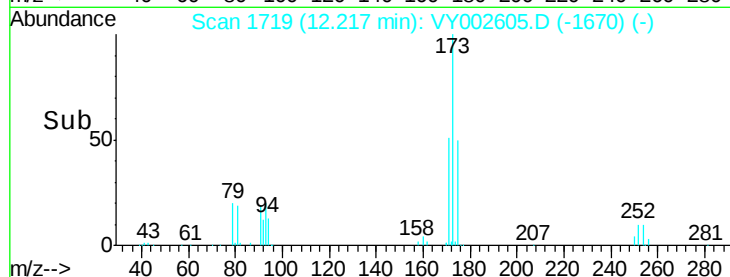
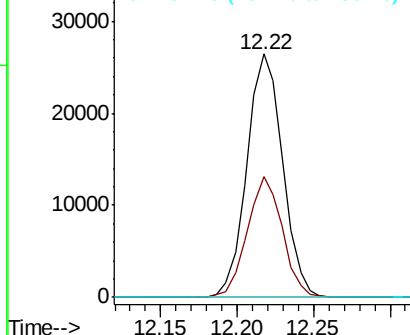
173 100

175 48.4 24.3 72.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

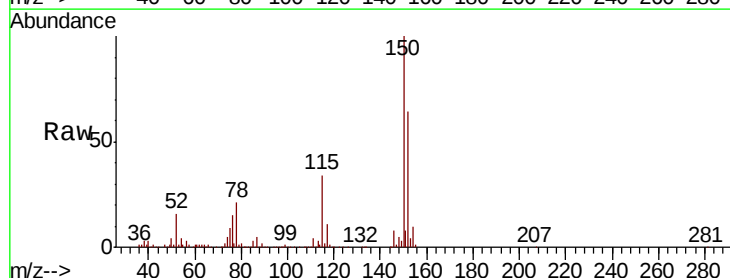
Tgt Ion:152 Resp: 258272

Ion Ratio Lower Upper

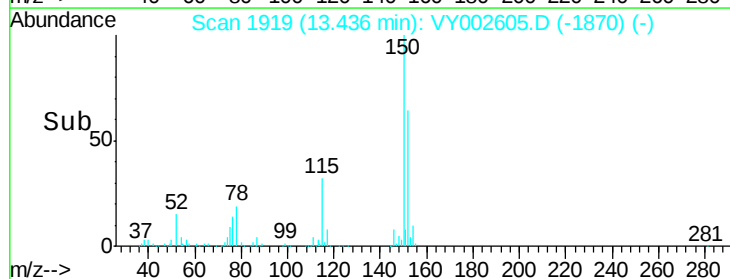
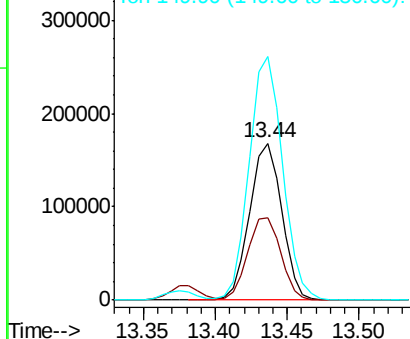
152 100

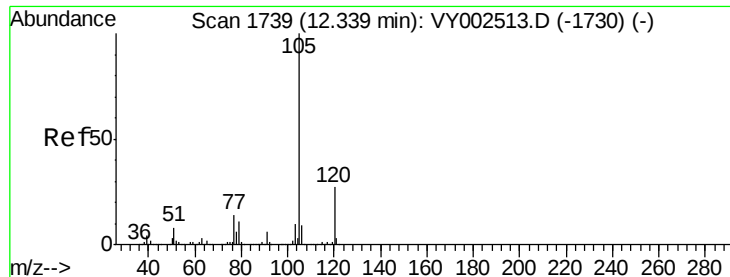
115 54.3 27.5 82.4

150 162.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.967 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

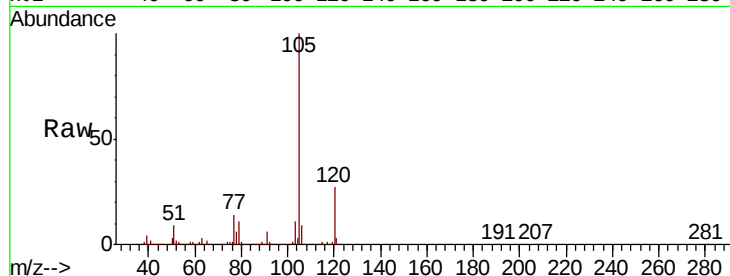
ClientSampleId :

Tot Ion: 105 Resp: 334223

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

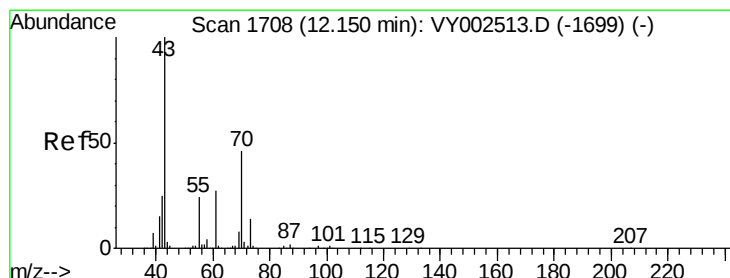
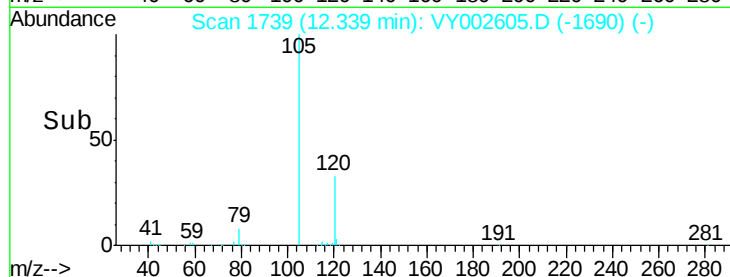
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 20.049 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Tgt Ion: 43 Resp: 80726

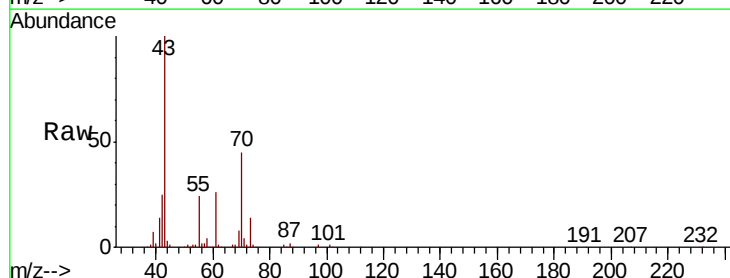
Ion Ratio Lower Upper

43 100

70 46.6 36.7 55.1

55 24.8 19.2 28.8

61 26.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

20000

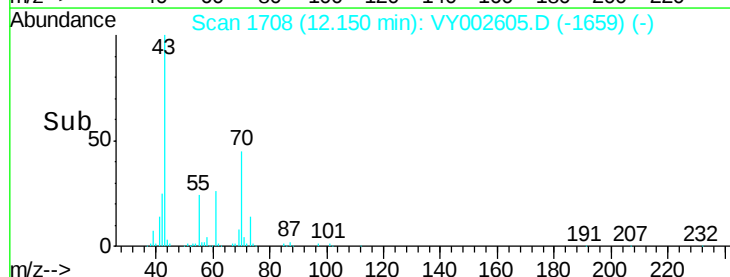
0

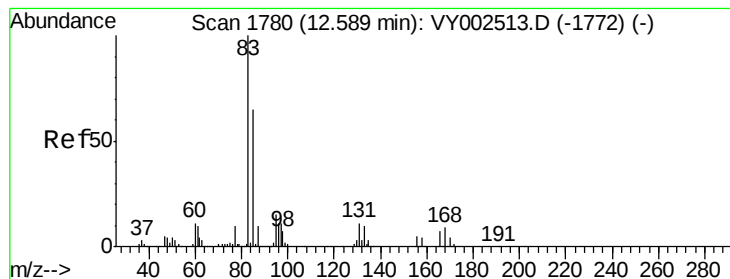
12.10

12.15

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.676 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

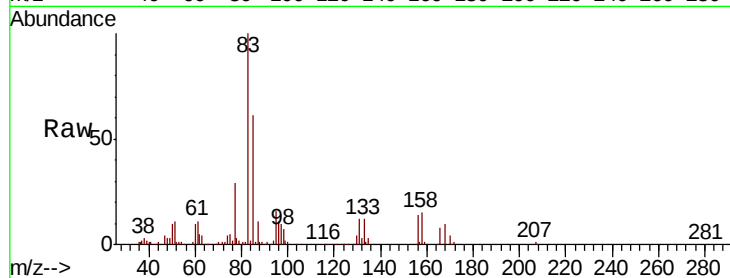
Tot Ion: 83 Resp: 49717

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.8

85 64.1 31.9 95.9

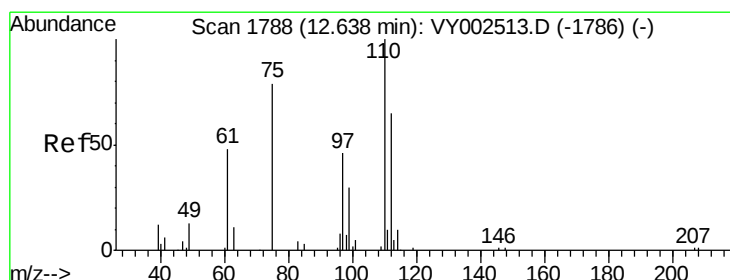
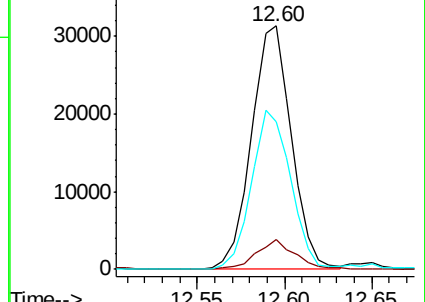
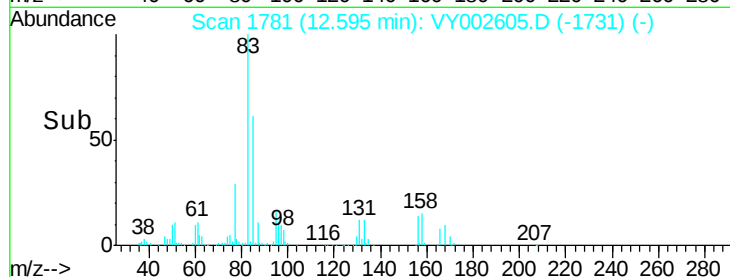


Abundance Ion 82.90 (82.60 to 83.60): VY002605.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002605.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002605.D (-1731) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.345 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002605.D

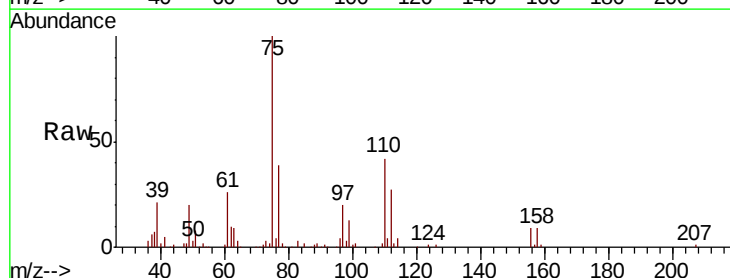
Acq: 06 May 2020 11:21

Tgt Ion: 75 Resp: 81124

Ion Ratio Lower Upper

75 100

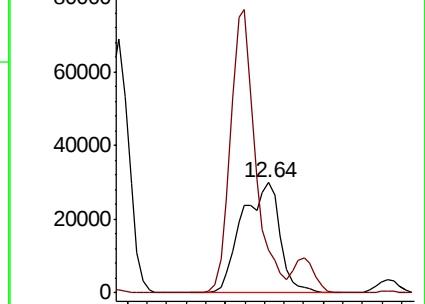
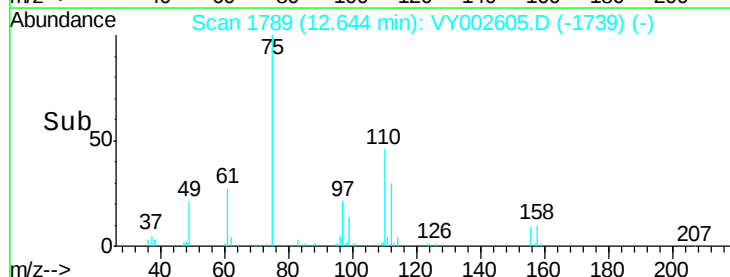
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002605.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002605.D (-1739) (-)

Time-->





#77

Bromobenzene

Concen: 19.984 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

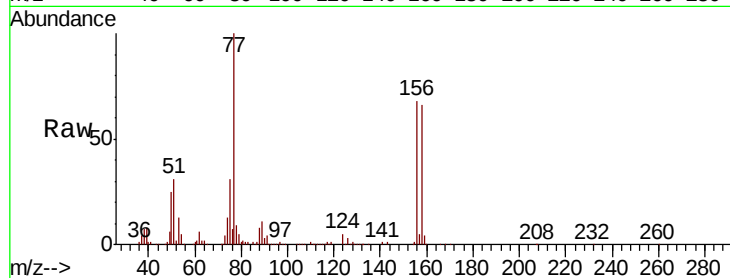
Tot Ion:156 Resp: 83572

Ion Ratio Lower Upper

156 100

77 163.4 82.0 245.8

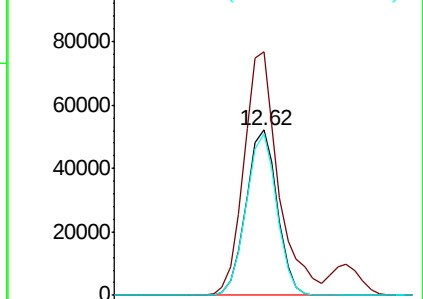
158 96.8 48.5 145.6



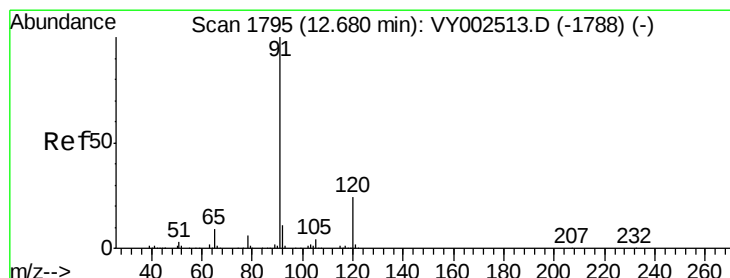
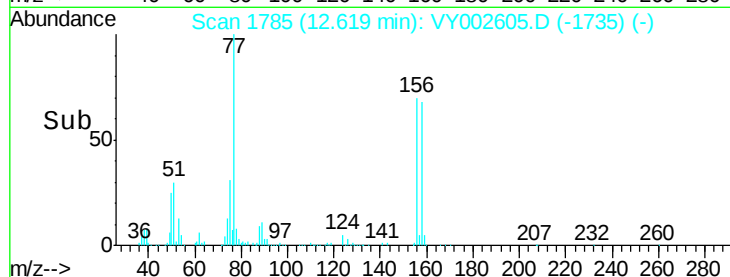
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.184 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002605.D

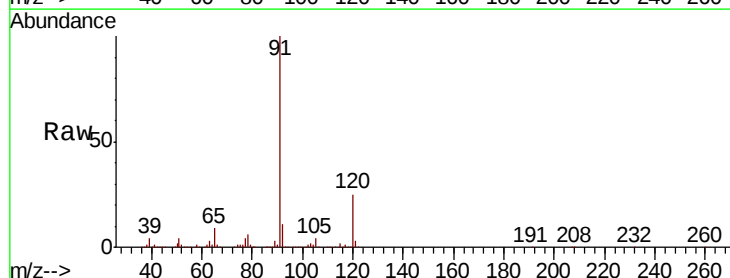
Acq: 06 May 2020 11:21

Tgt Ion: 91 Resp: 392060

Ion Ratio Lower Upper

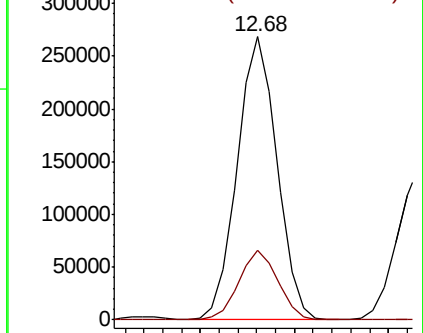
91 100

120 24.3 12.2 36.4

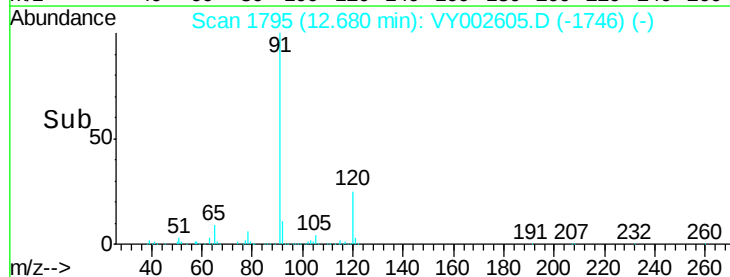


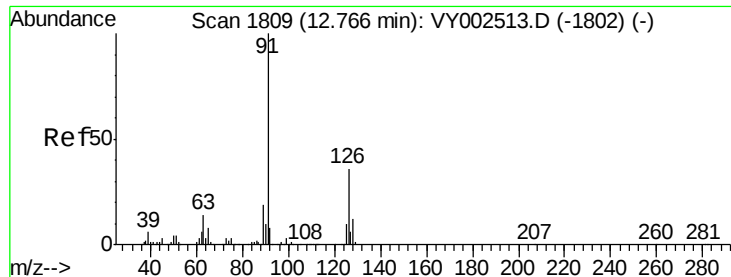
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->

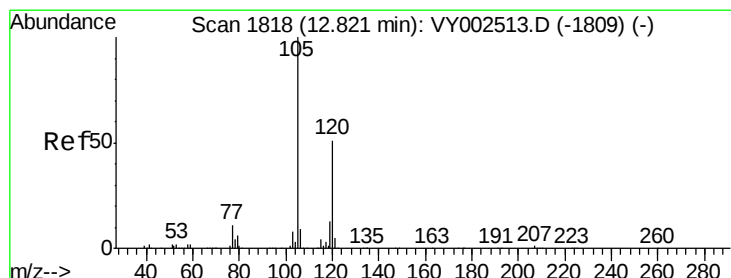
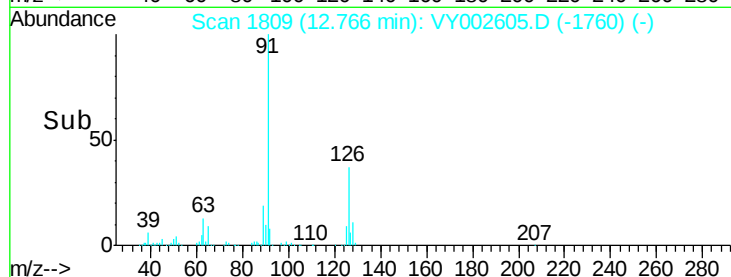
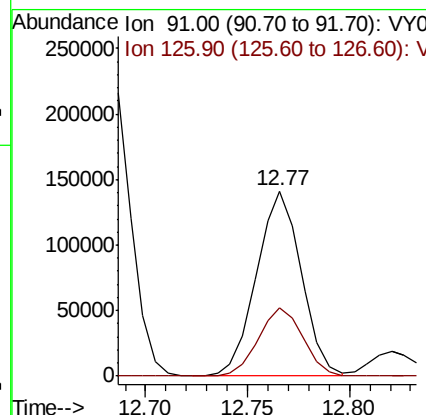
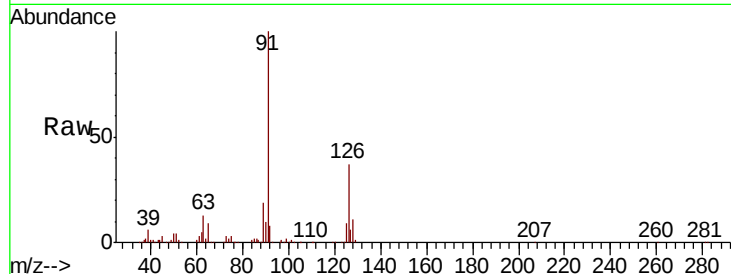




#79
 2-Chlorotoluene
 Concen: 20.001 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

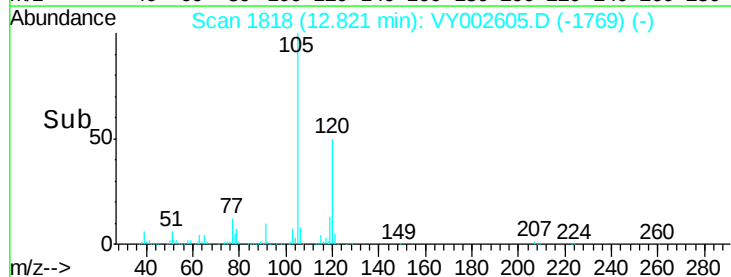
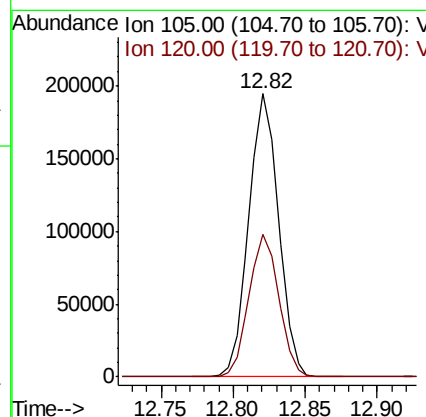
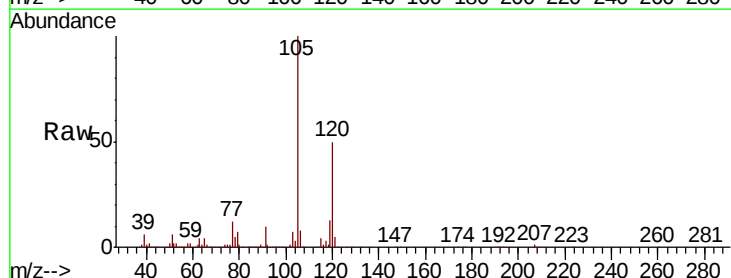
Instrument :
 MSVOA_Y
 ClientSampleId :

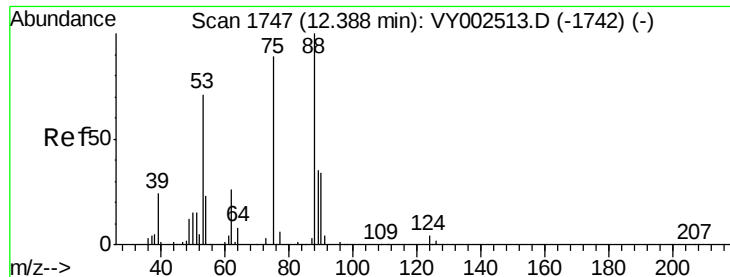
Tot Ion: 91 Resp: 215205
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.099 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion: 105 Resp: 278869
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9

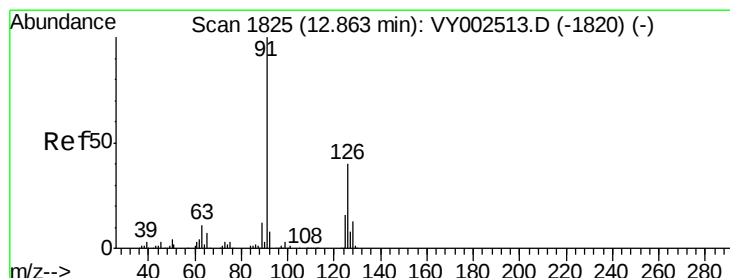
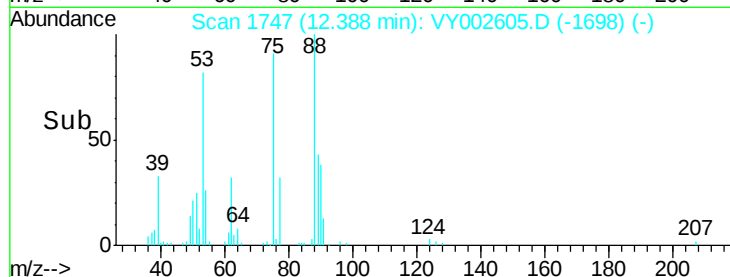
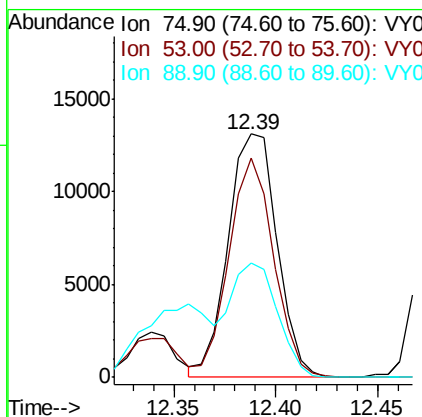
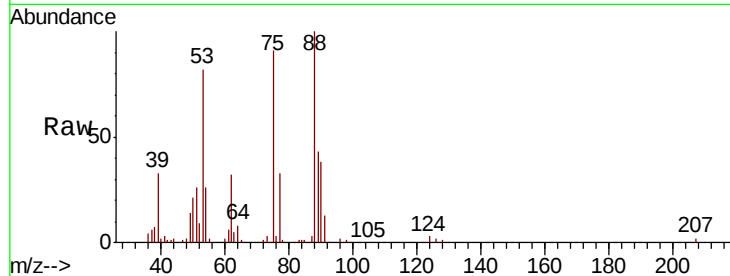




#81
trans-1,4-Dichloro-2-butene
Concen: 19.101 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

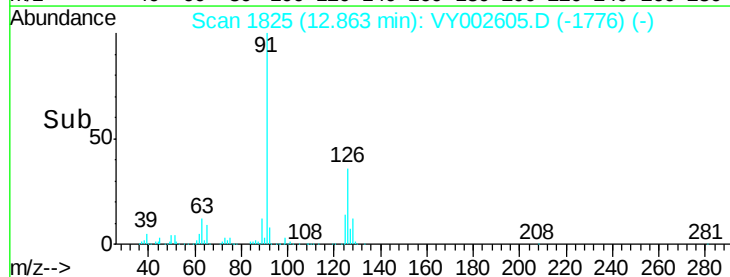
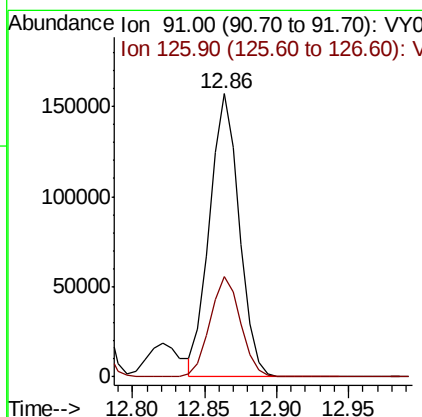
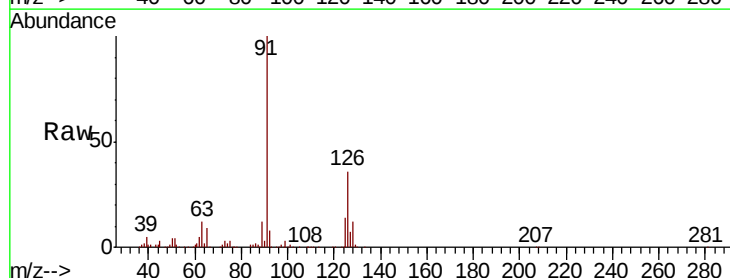
Instrument :
MSVOA_Y
ClientSampleId :

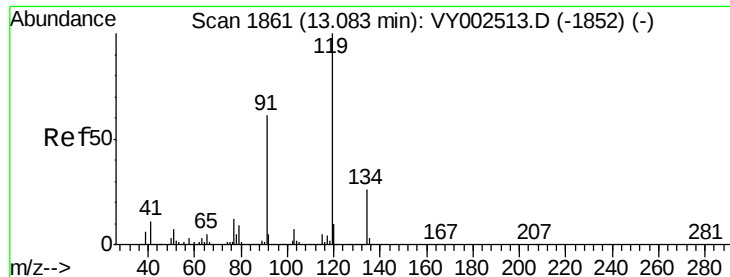
Tot Ion: 75 Resp: 21863
Ion Ratio Lower Upper
75 100
53 82.8 67.4 101.0
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.920 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 91 Resp: 225145
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5





#83

tert-Butylbenzene

Concen: 20.575 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampled :

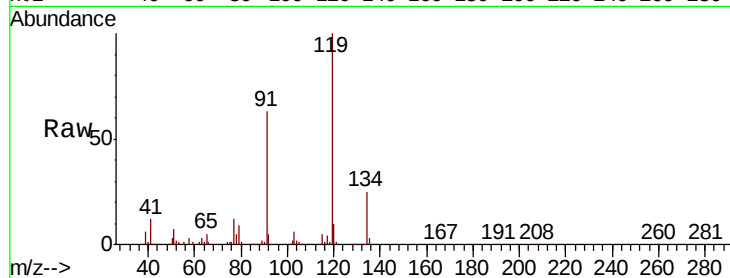
Tot Ion:119 Resp: 250315

Ion Ratio Lower Upper

119 100

91 60.2 30.6 91.6

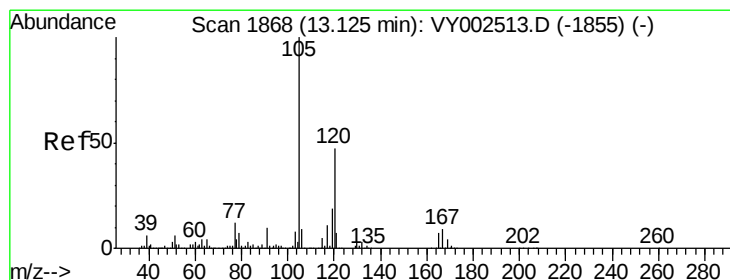
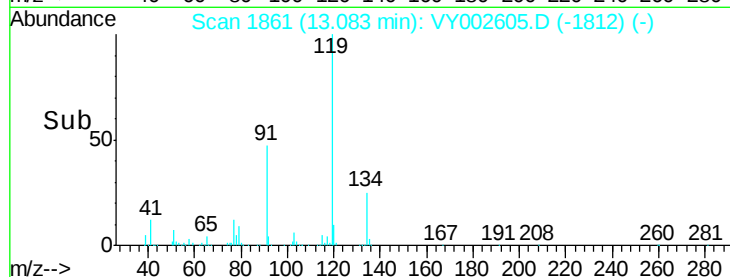
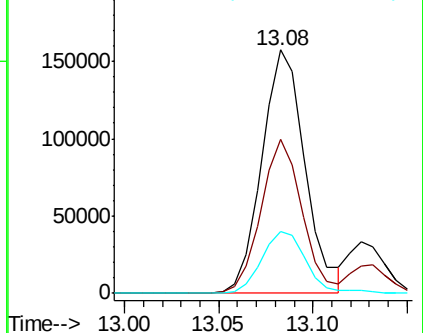
134 26.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.227 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002605.D

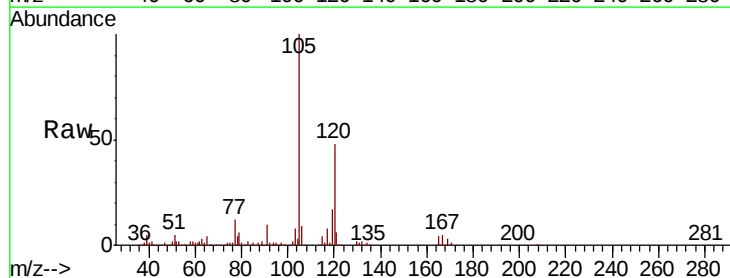
Acq: 06 May 2020 11:21

Tgt Ion:105 Resp: 279691

Ion Ratio Lower Upper

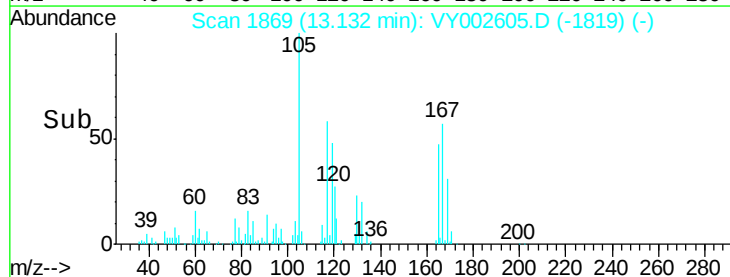
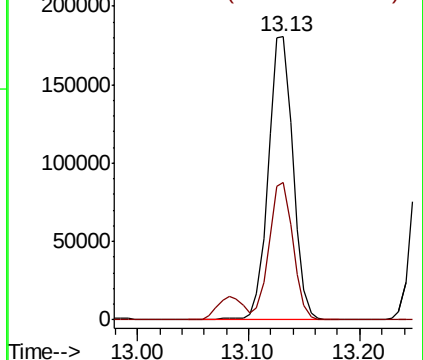
105 100

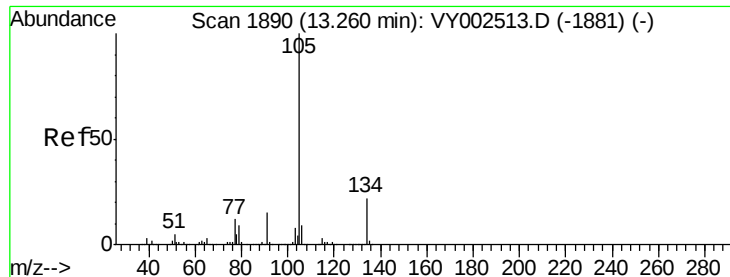
120 47.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

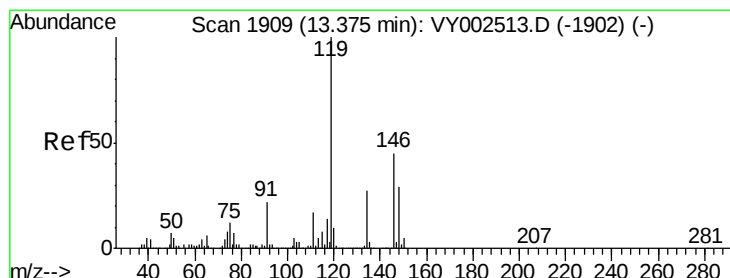
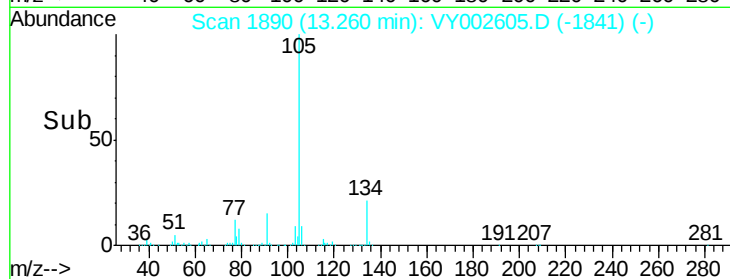
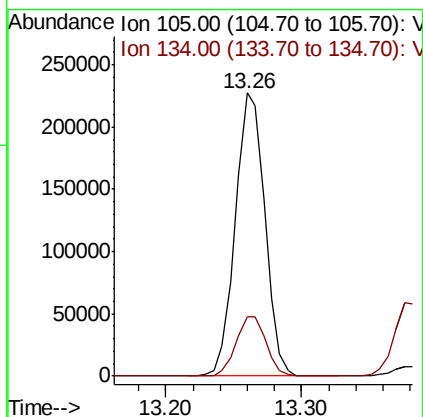
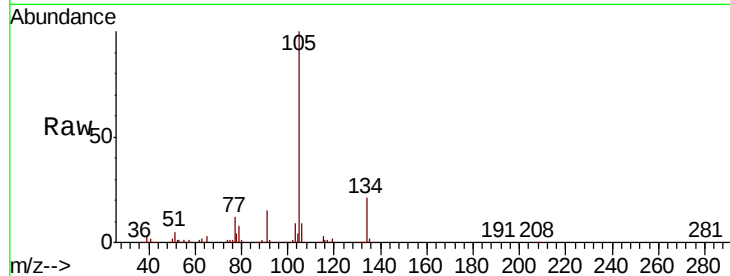




#85
 sec-Butylbenzene
 Concen: 20.335 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

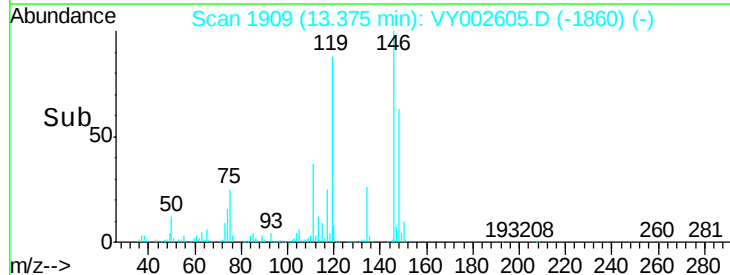
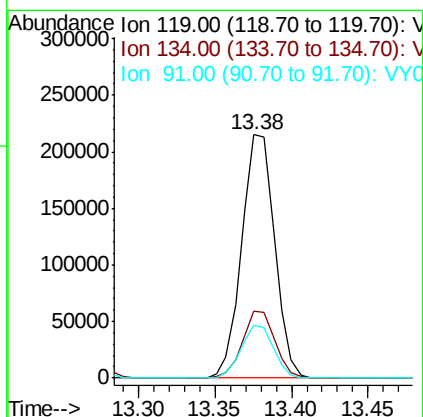
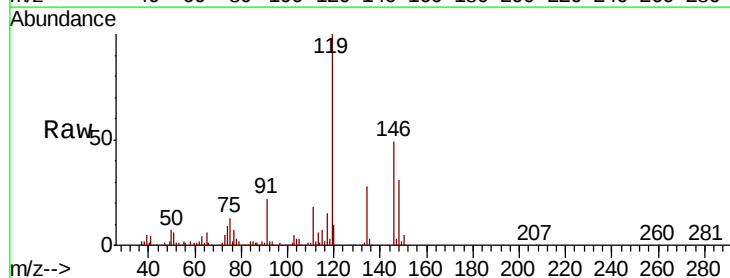
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:105 Resp: 343284
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.357 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion:119 Resp: 321998
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.5
 91 21.4 10.9 32.9

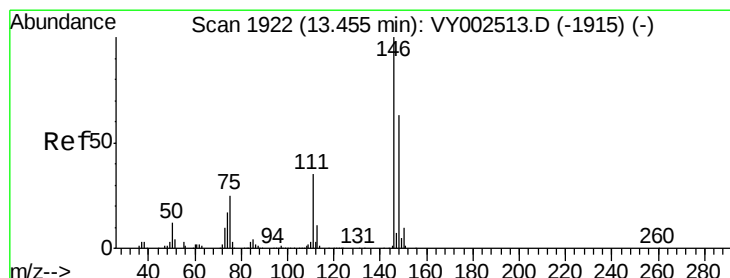
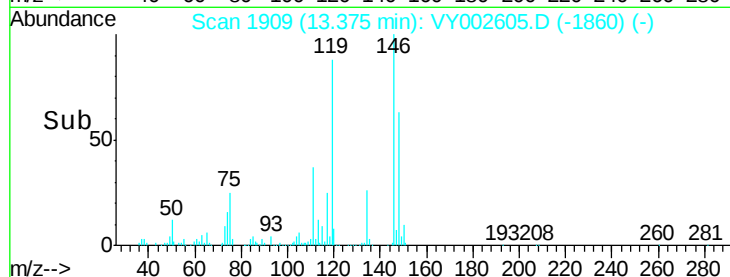
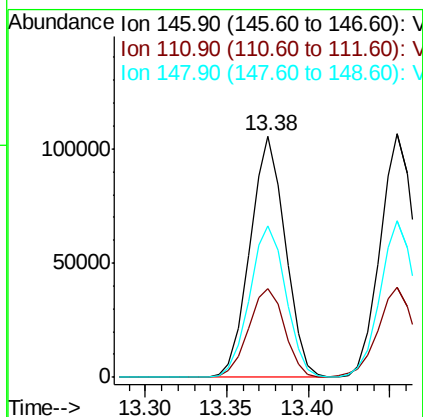
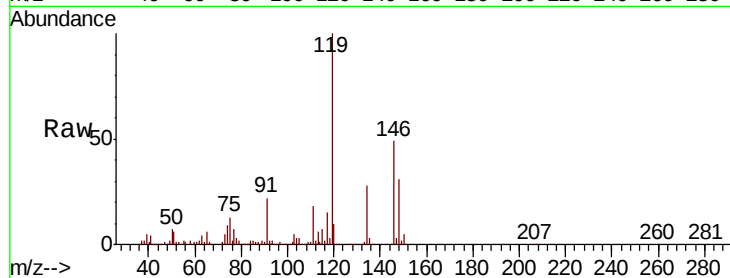




#87
 1,3-Dichlorobenzene
 Concen: 20.139 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

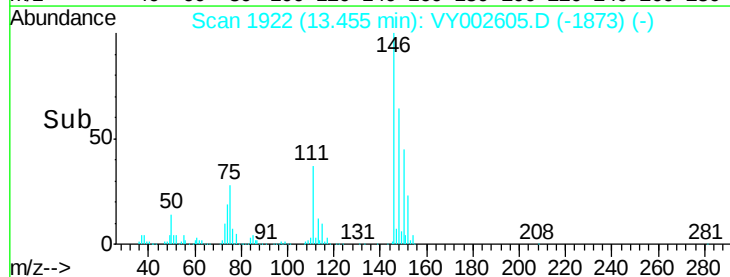
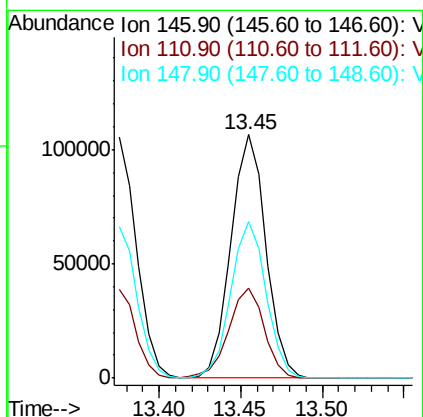
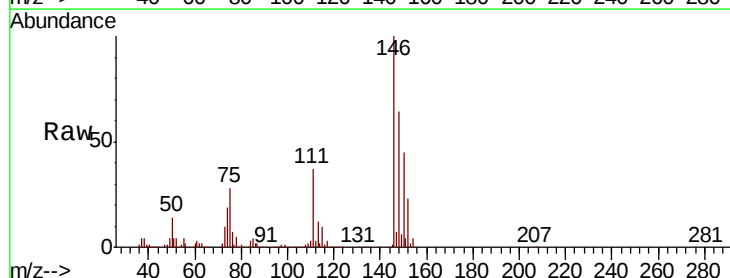
Instrument :
 MSVOA_Y
 ClientSampleId :

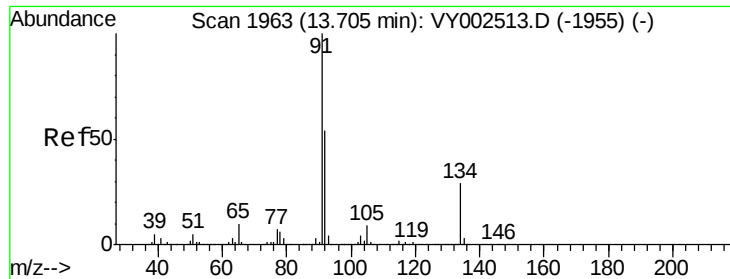
Tot Ion:146 Resp: 159401
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.322 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion:146 Resp: 159269
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 64.6 31.9 95.5

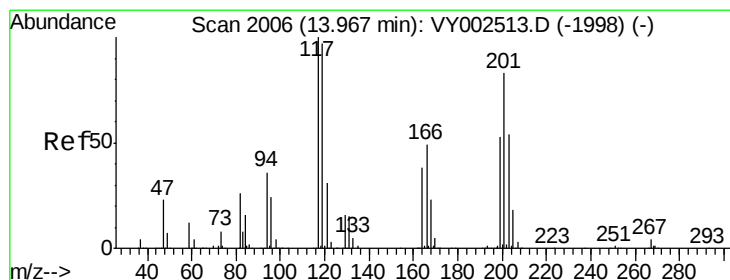
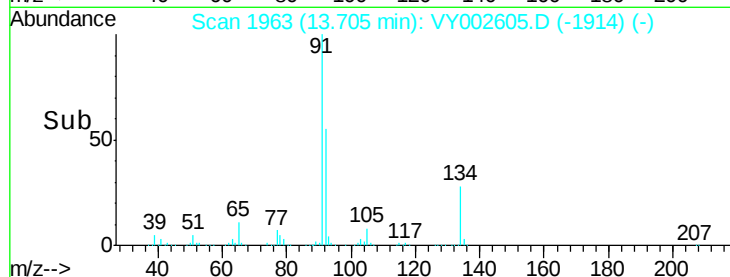
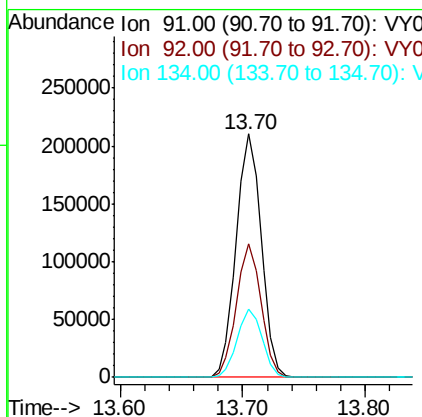
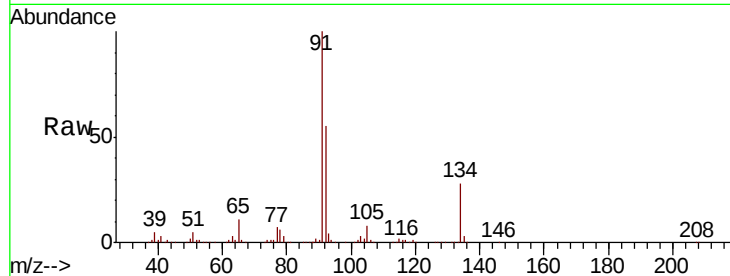




#89
n-Butylbenzene
Concen: 20.744 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

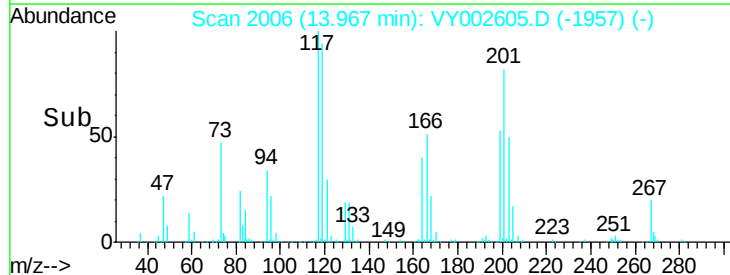
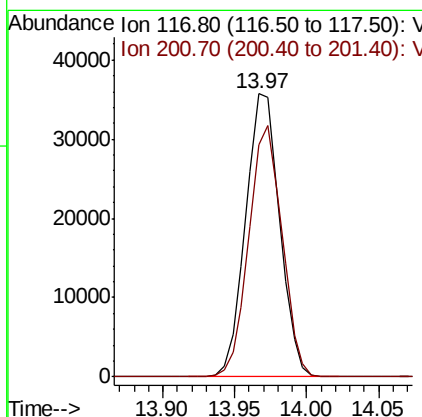
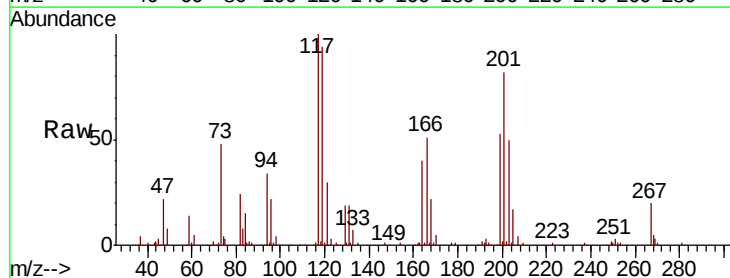
Instrument :
MSVOA_Y
ClientSampleId :

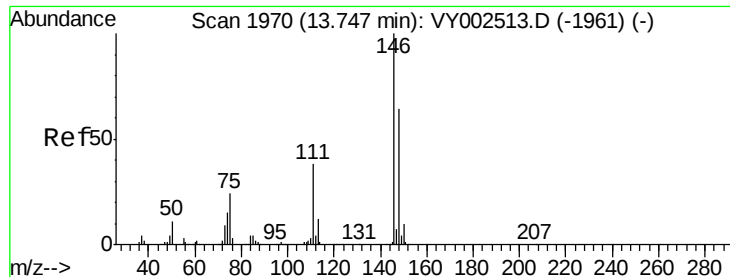
Tot Ion: 91 Resp: 298714
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.3
134 28.0 14.4 43.0



#90
Hexachloroethane
Concen: 20.330 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion: 117 Resp: 58562
Ion Ratio Lower Upper
117 100
201 86.1 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 20.285 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

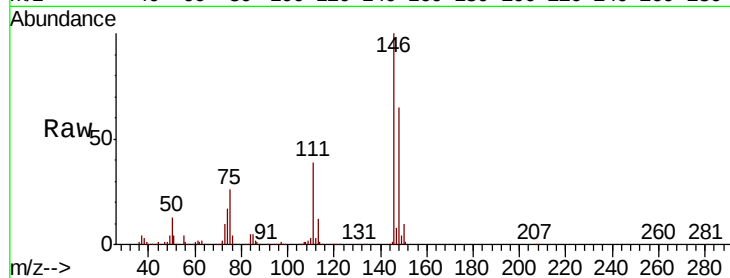
Tot Ion:146 Resp: 143262

Ion Ratio Lower Upper

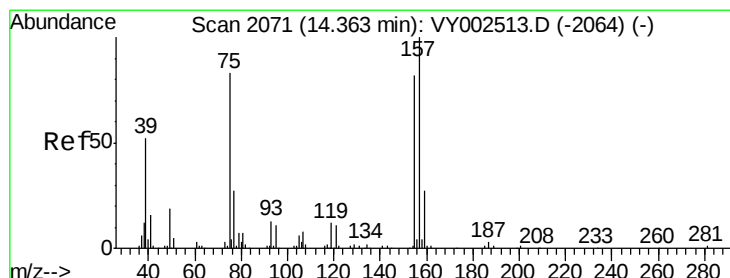
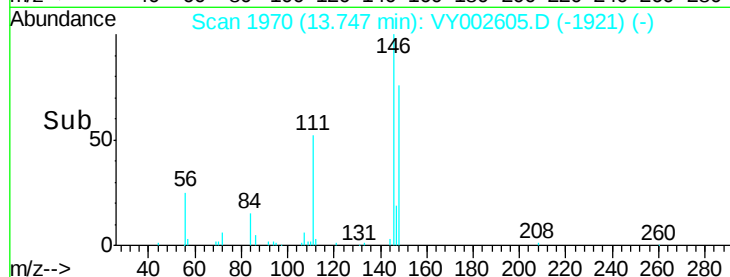
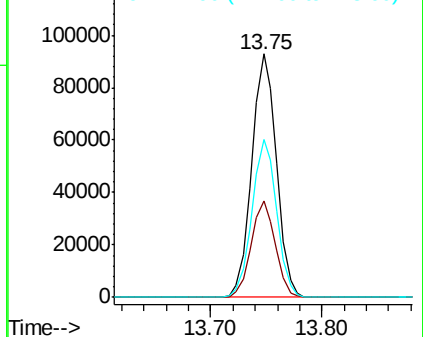
146 100

111 38.6 19.1 57.5

148 64.8 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.900 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002605.D

Acq: 06 May 2020 11:21

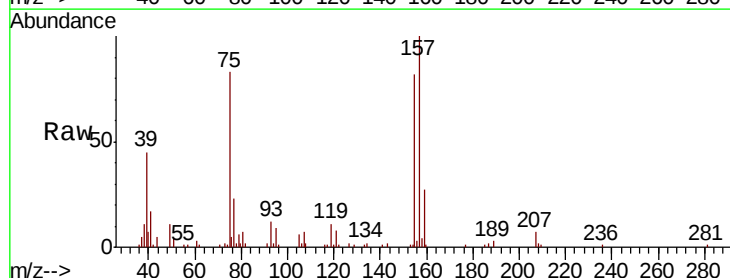
Tgt Ion: 75 Resp: 9875

Ion Ratio Lower Upper

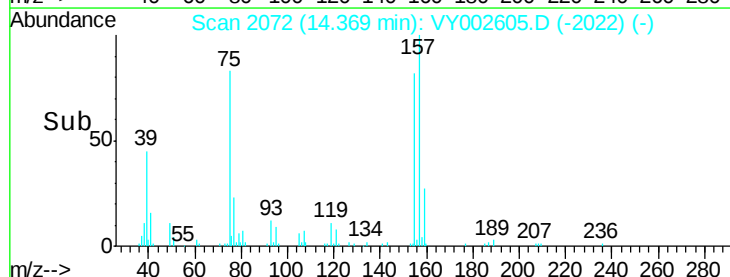
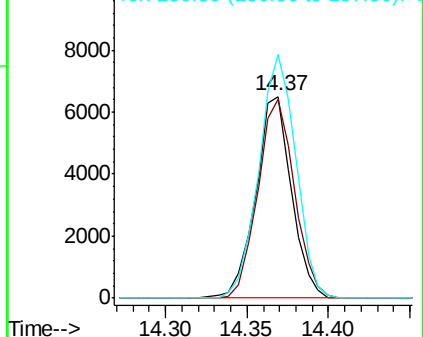
75 100

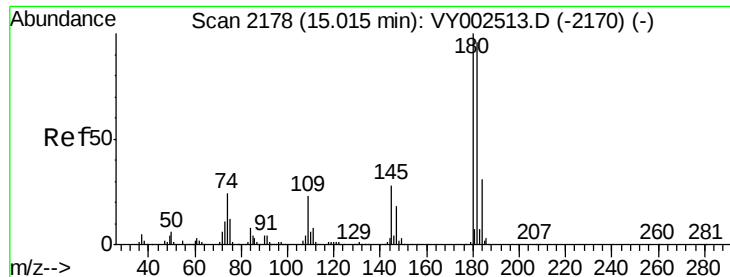
155 100.7 51.3 153.9

157 124.4 65.0 195.0



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

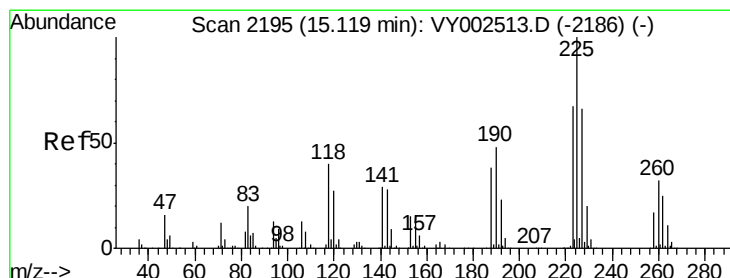
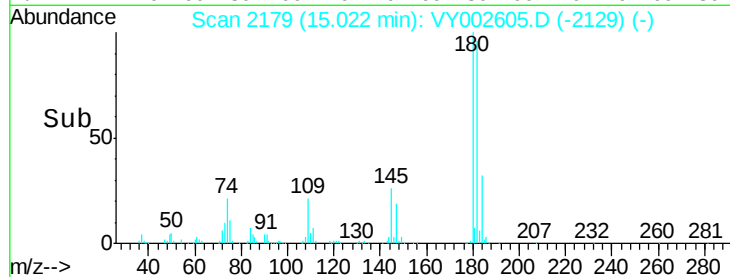
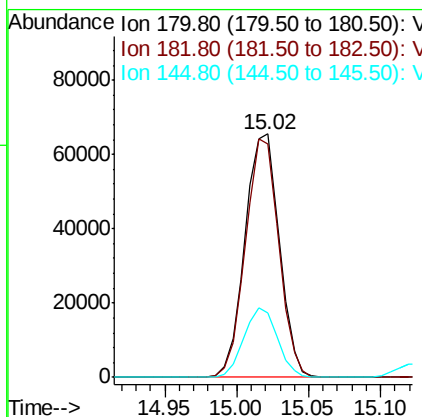
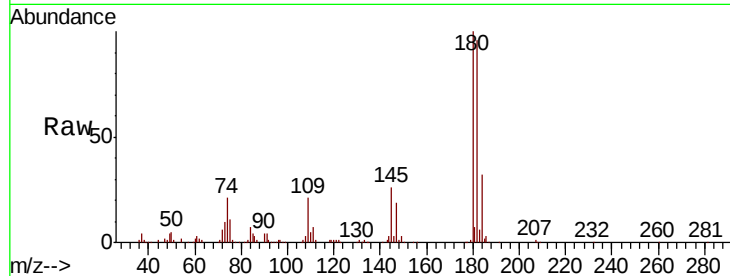




#93
 1,2,4-Trichlorobenzene
 Concen: 21.024 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

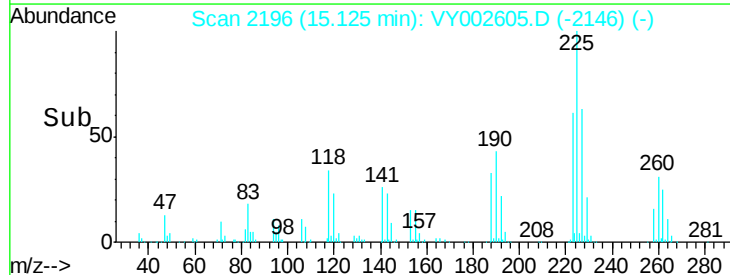
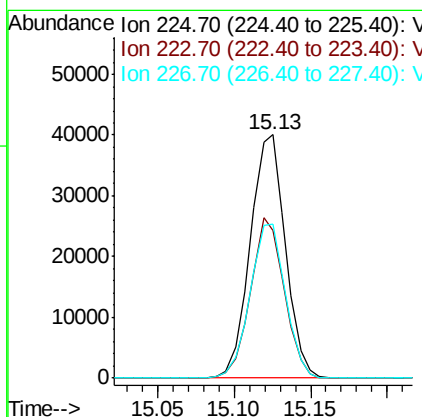
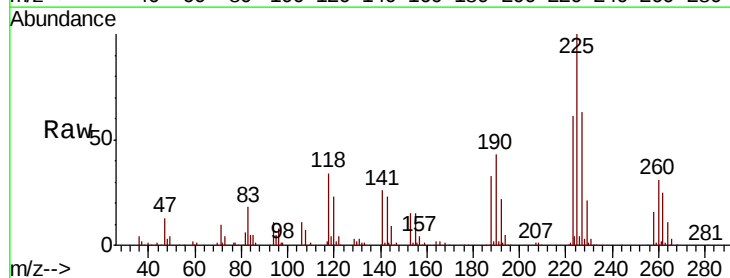
Instrument :
 MSVOA_Y
 ClientSampled :

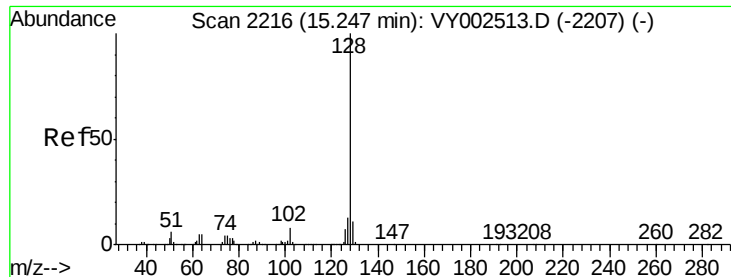
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	28.1	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 20.768 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002605.D
 Acq: 06 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.1	96.5
227	64.0	32.0	96.2

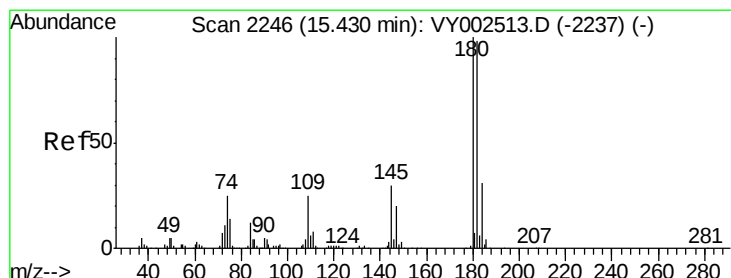
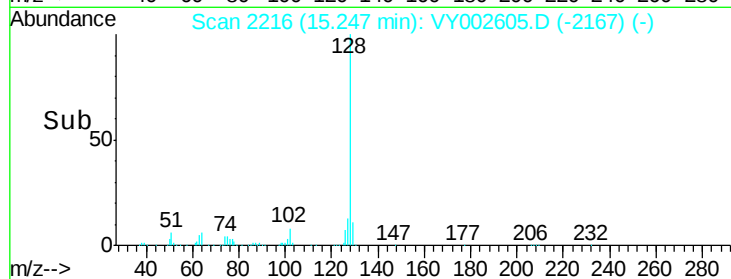
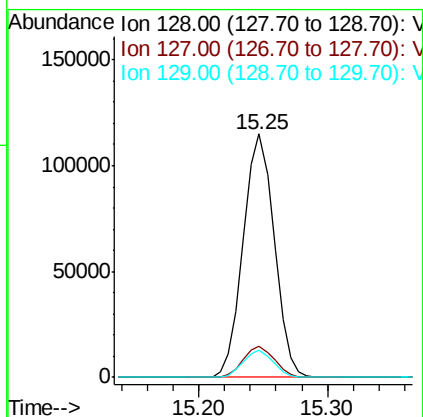
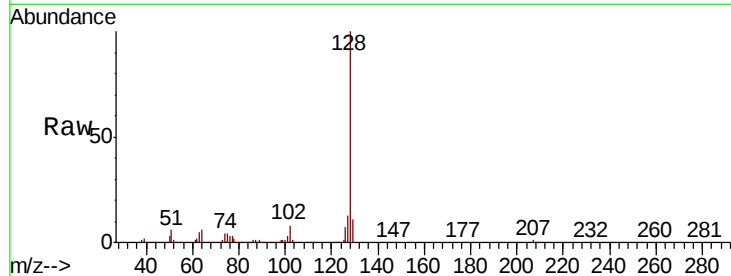




#95
Naphthalene
Concen: 20.484 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 191605
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.986 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002605.D
Acq: 06 May 2020 11:21

Tgt Ion:180 Resp: 91352
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 30.4 15.0 45.1

