

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002602.D
 Acq On : 06 May 2020 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 12:52:34 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	378303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	559149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	498240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	252731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	157884	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.74	113	167969	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.19	98	657641	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.49	95	221193	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	174051	55.478	ug/l	99
3) Chloromethane	2.13	50	180188	58.790	ug/l	100
4) Vinyl Chloride	2.27	62	209411	59.171	ug/l	98
5) Bromomethane	2.67	94	133957	54.887	ug/l	99
6) Chloroethane	2.81	64	118009	55.844	ug/l	99
7) Trichlorofluoromethane	3.15	101	296309	54.021	ug/l	100
8) Diethyl Ether	3.55	74	100081	54.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	183372	54.700	ug/l	99
10) Methyl Iodide	4.11	142	253612	55.530	ug/l	99
11) Tert butyl alcohol	4.98	59	71558	218.662	ug/l	100
12) 1,1-Dichloroethene	3.90	96	179129	55.004	ug/l	97
13) Acrolein	3.75	56	53166	234.939	ug/l	96
14) Allyl chloride	4.50	41	268909	56.673	ug/l	97
15) Acrylonitrile	5.19	53	229206	263.686	ug/l	99
16) Acetone	3.97	43	173643	264.516	ug/l	100
17) Carbon Disulfide	4.22	76	556543	56.806	ug/l	99
18) Methyl Acetate	4.50	43	113457	51.727	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	449815	52.941	ug/l	97
20) Methylene Chloride	4.74	84	185714	50.590	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	195955	55.052	ug/l	99
22) Diisopropyl ether	6.14	45	527868	54.982	ug/l	97
23) Vinyl Acetate	6.09	43	1638410	271.353	ug/l	99
24) 1,1-Dichloroethane	6.05	63	312896	55.089	ug/l	99
25) 2-Butanone	7.01	43	271023	252.214	ug/l	100
26) 2,2-Dichloropropane	7.00	77	283996	52.603	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	212510	53.958	ug/l	100
28) Bromochloromethane	7.35	49	127545	54.808	ug/l	100
29) Tetrahydrofuran	7.37	42	188775	265.522	ug/l	99
30) Chloroform	7.53	83	313793	53.134	ug/l	99
31) Cyclohexane	7.80	56	304517	53.263	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	291994	53.194	ug/l	99
36) 1,1-Dichloropropene	7.94	75	257154	54.861	ug/l	99
37) Ethyl Acetate	7.10	43	126151	52.372	ug/l	99
38) Carbon Tetrachloride	7.92	117	277425	54.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	344621	55.664	ug/l	98
40) Benzene	8.18	78	738041	54.515	ug/l	99
41) Methacrylonitrile	7.36	41	171480	132.406	ug/l #	43
42) 1,2-Dichloroethane	8.25	62	195068	51.368	ug/l	98
43) Isopropyl Acetate	8.29	43	239854	53.115	ug/l	100
44) Trichloroethene	8.96	130	232671	54.993	ug/l	100
45) 1,2-Dichloropropane	9.23	63	178898	54.753	ug/l	99
46) Dibromomethane	9.32	93	99839	53.108	ug/l	100
47) Bromodichloromethane	9.51	83	243944	53.367	ug/l	99
48) Methyl methacrylate	9.30	41	113602	55.587	ug/l	96
49) 1,4-Dioxane	9.31	88	26641	1070.316	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	617594	265.339	ug/l	100
52) Toluene	10.25	92	473648	54.438	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258024	53.874	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	301615	54.475	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	143900	52.490	ug/l	97
56) Ethyl methacrylate	10.52	69	198988	54.562	ug/l	98
57) 1,3-Dichloropropane	10.80	76	242709	52.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	492635	256.148	ug/l	99
59) 2-Hexanone	10.84	43	431611	269.421	ug/l	100
60) Dibromochloromethane	10.99	129	185977	53.338	ug/l	99
61) 1,2-Dibromoethane	11.10	107	142753	52.589	ug/l	99
64) Tetrachloroethene	10.73	164	254784	57.554	ug/l	96
65) Chlorobenzene	11.53	112	512025	54.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	192530	54.760	ug/l	99
67) Ethyl Benzene	11.60	91	915573	55.031	ug/l	99
68) m/p-Xylenes	11.71	106	705486	109.592	ug/l	99
69) o-Xylene	12.04	106	334524	55.500	ug/l	97
70) Styrene	12.05	104	569996	55.318	ug/l	99
71) Bromoform	12.22	173	118984	54.525	ug/l #	99
73) Isopropylbenzene	12.34	105	909023	55.498	ug/l	100
74) N-amyl acetate	12.15	43	220047	55.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	132278	50.780	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	214442	95.480	ug/l #	100
77) Bromobenzene	12.62	156	223353	54.580	ug/l	99
78) n-propylbenzene	12.68	91	1060044	55.768	ug/l	100
79) 2-Chlorotoluene	12.77	91	574154	54.531	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	753353	55.486	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	61538	54.942	ug/l #	73
82) 4-Chlorotoluene	12.86	91	600906	54.332	ug/l	100
83) tert-Butylbenzene	13.08	119	669183	56.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	751331	55.526	ug/l	100
85) sec-Butylbenzene	13.27	105	922123	55.820	ug/l	100
86) p-Isopropyltoluene	13.38	119	861335	55.647	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	421006	54.357	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	418803	54.608	ug/l	100
89) n-Butylbenzene	13.70	91	791736	56.188	ug/l	99
90) Hexachloroethane	13.97	117	157780	55.974	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	373516	54.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	24678	50.822	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

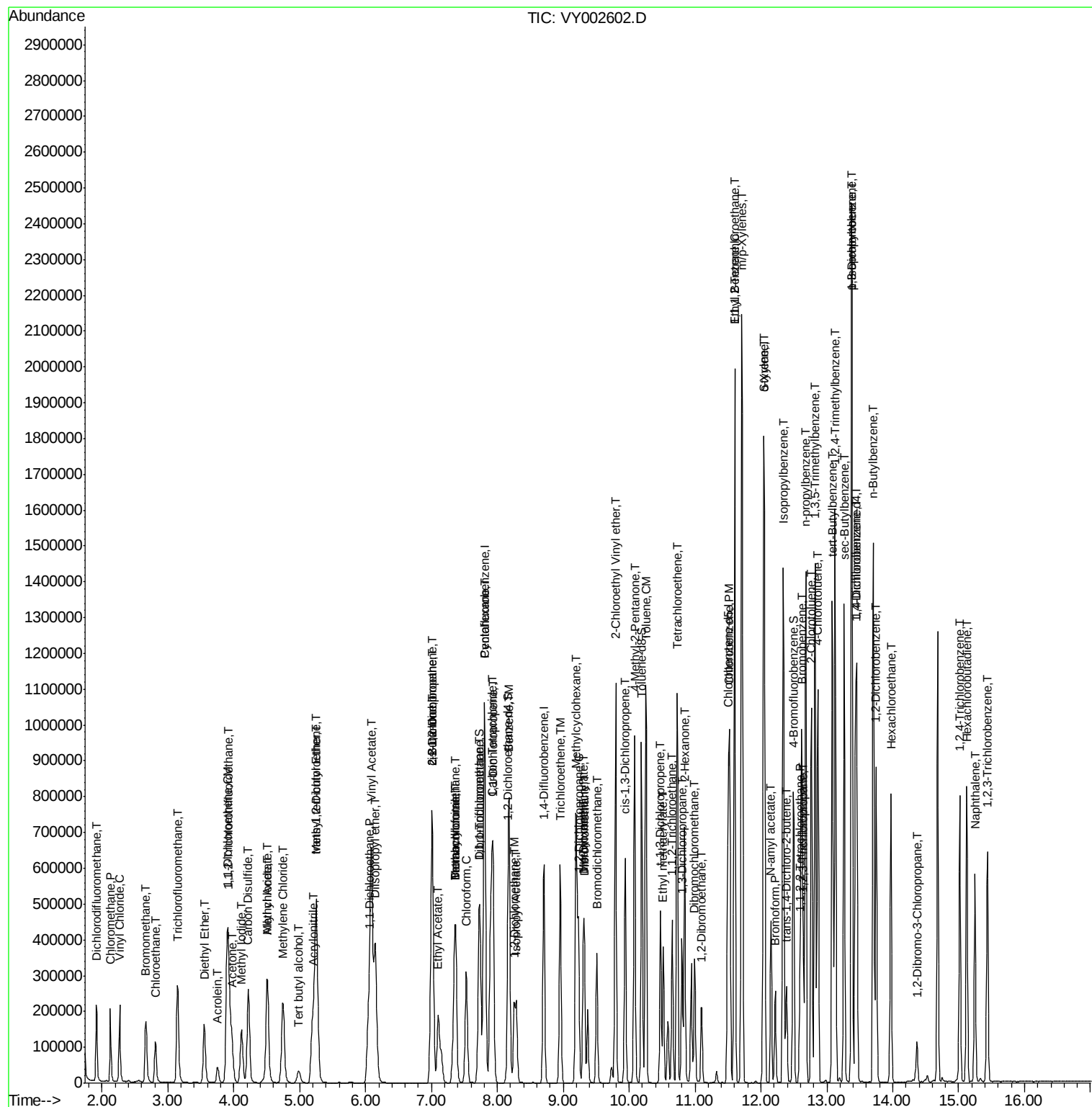
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	272225	54.255	ug/l	99
94) Hexachlorobutadiene	15.12	225	166734	55.360	ug/l	98
95) Naphthalene	15.25	128	483461	52.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	228500	53.645	ug/l	99

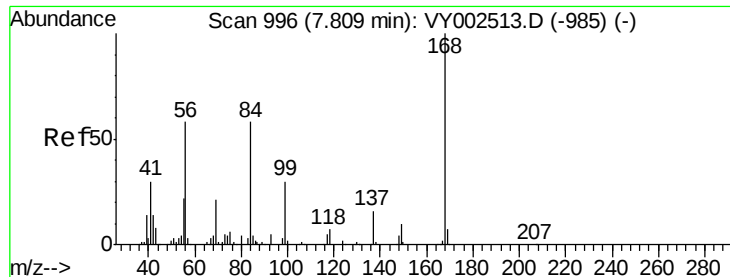
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

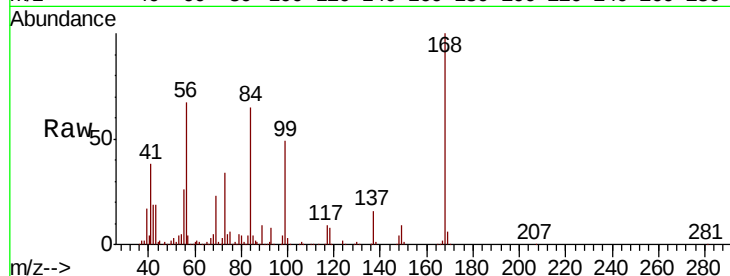
ClientSampleId :

Tot Ion:168 Resp: 378303

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

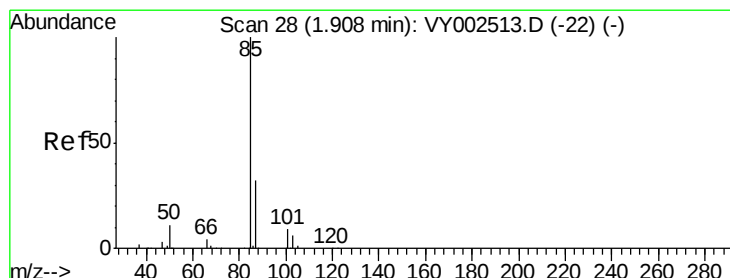
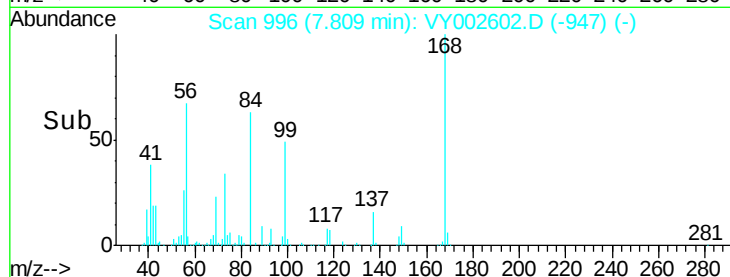
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.478 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002602.D

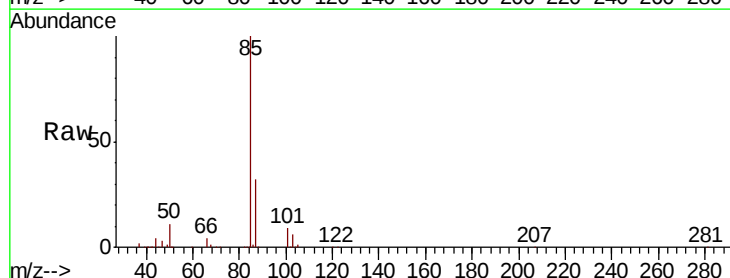
Acq: 06 May 2020 09:52

Tgt Ion: 85 Resp: 174051

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

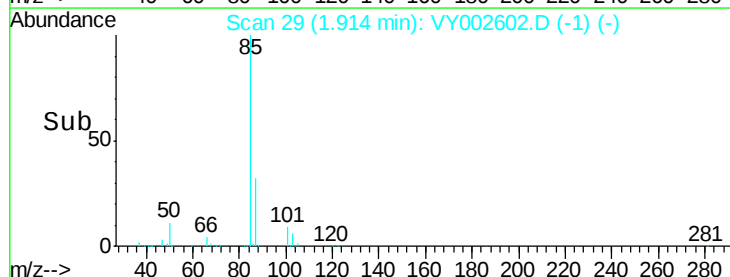
1.91

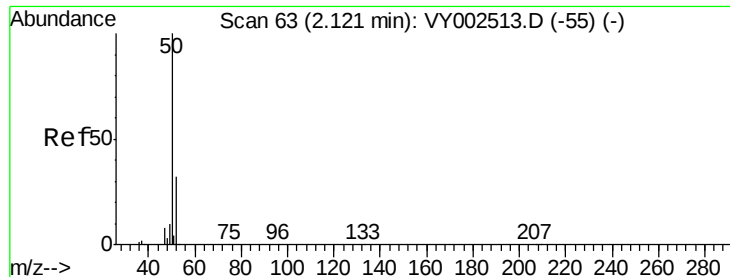
100000

50000

0

Time-->





#3

Chloromethane

Concen: 58.790 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

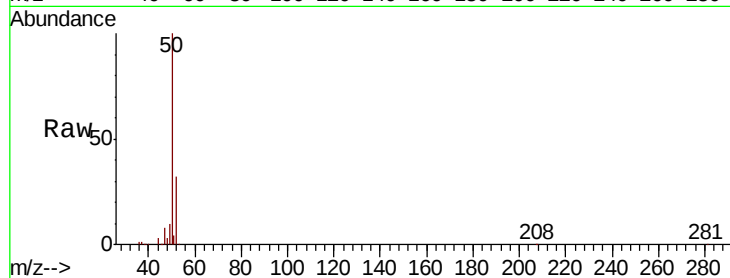
ClientSampleId :

Tot Ion: 50 Resp: 180188

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

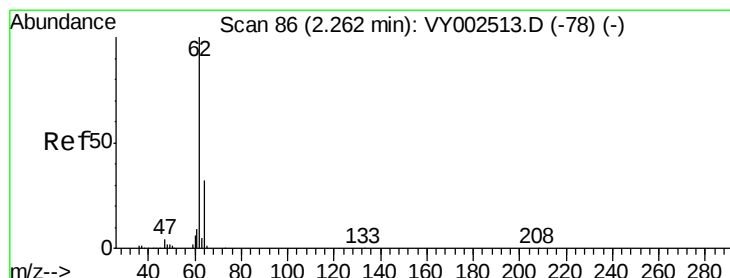
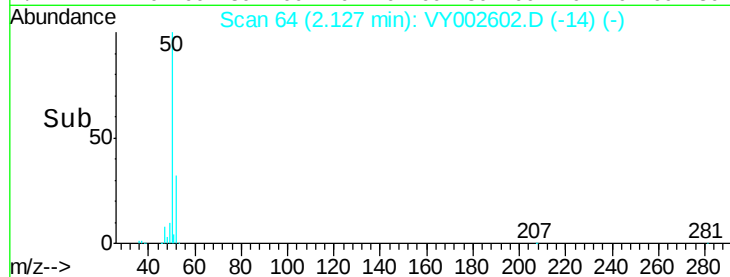
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 59.171 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002602.D

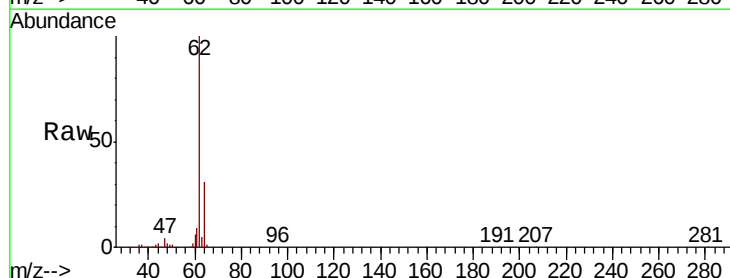
Acq: 06 May 2020 09:52

Tgt Ion: 62 Resp: 209411

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

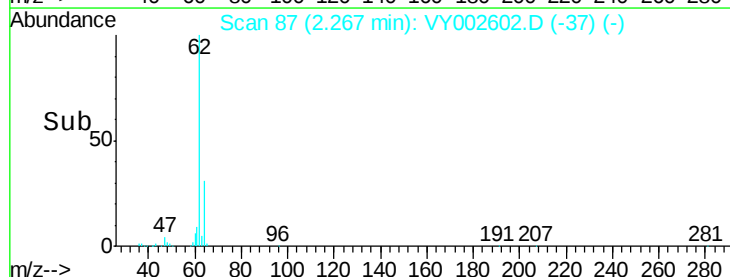
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.887 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

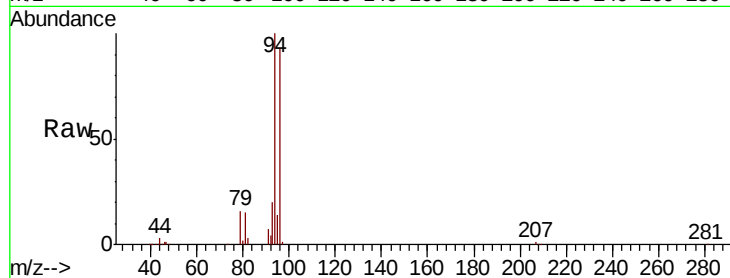
ClientSampleId :

Tot Ion: 94 Resp: 133957

Ion Ratio Lower Upper

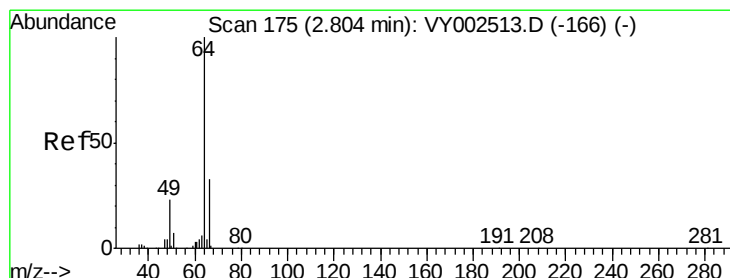
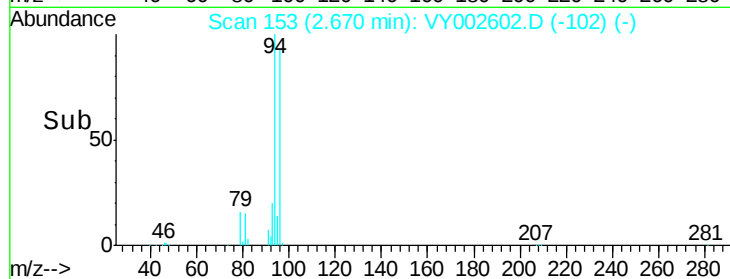
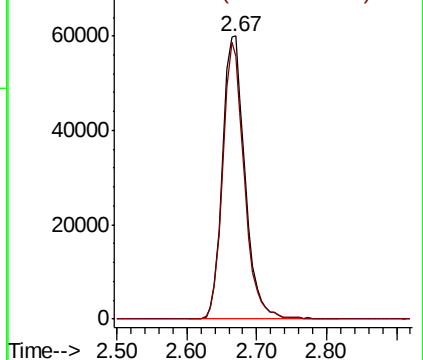
94 100

96 92.9 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: 55.844 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002602.D

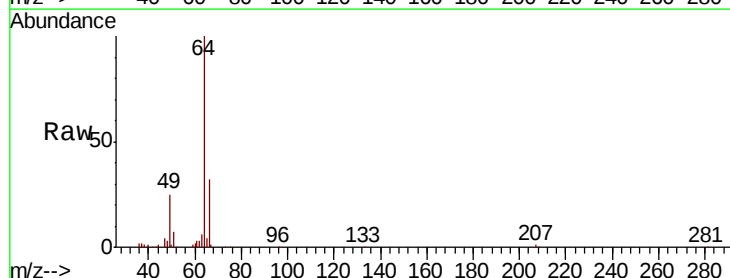
Acq: 06 May 2020 09:52

Tgt Ion: 64 Resp: 118009

Ion Ratio Lower Upper

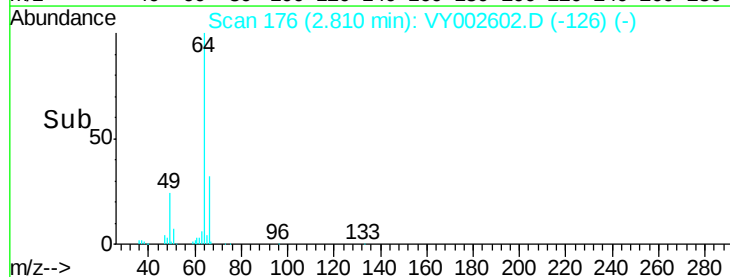
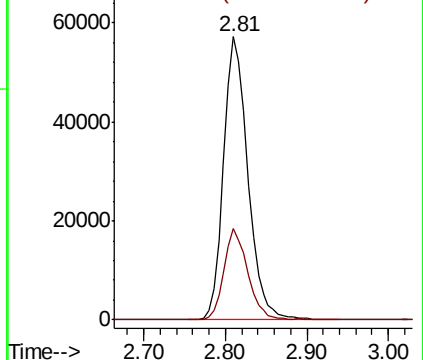
64 100

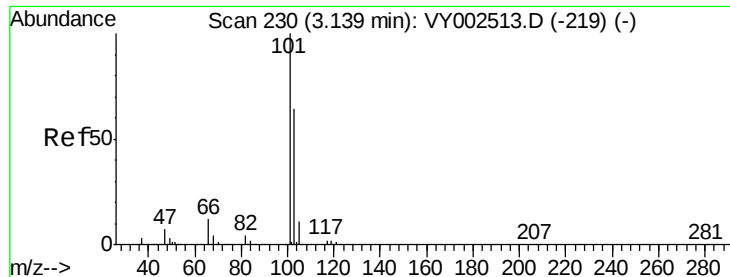
66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



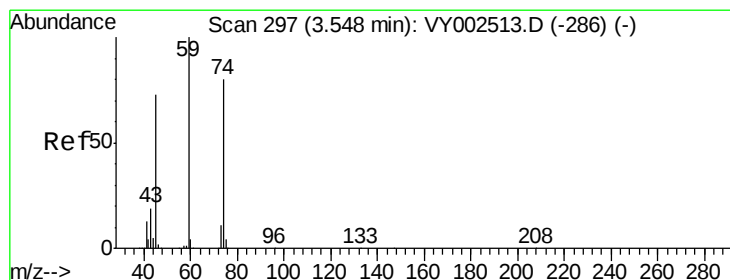
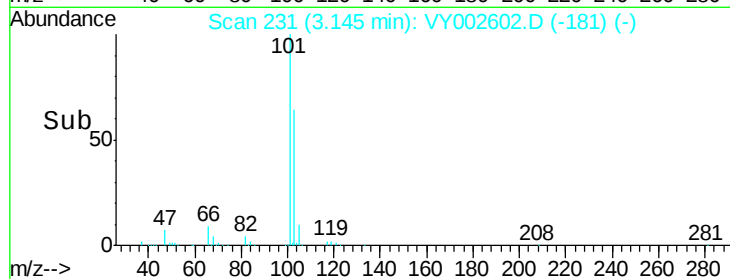
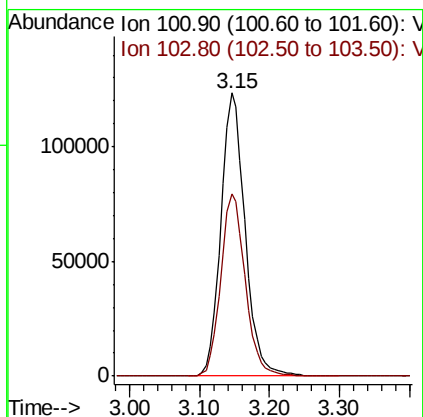
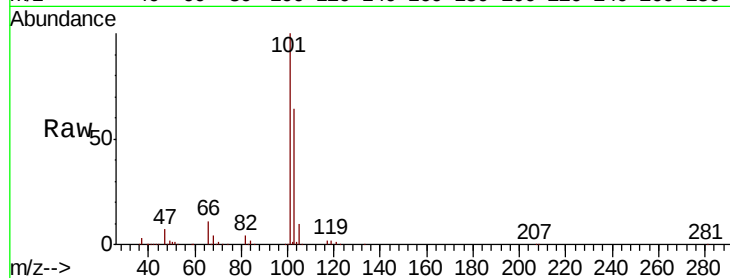


#7

Trichlorofluoromethane
Concen: 54.021 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampled :

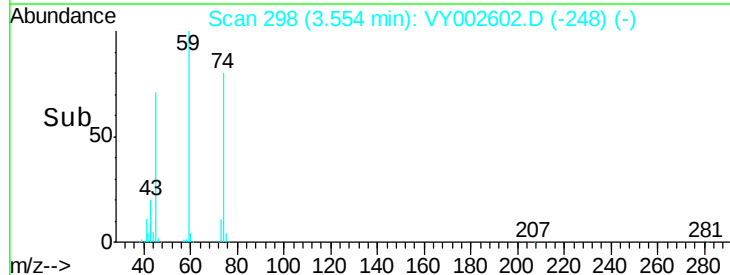
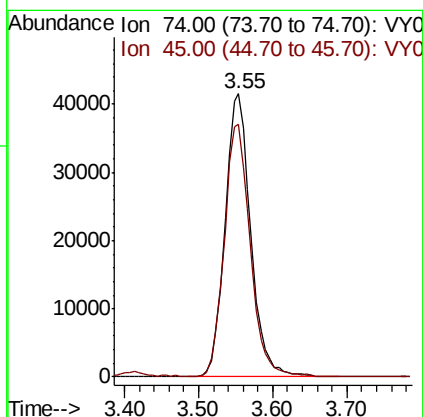
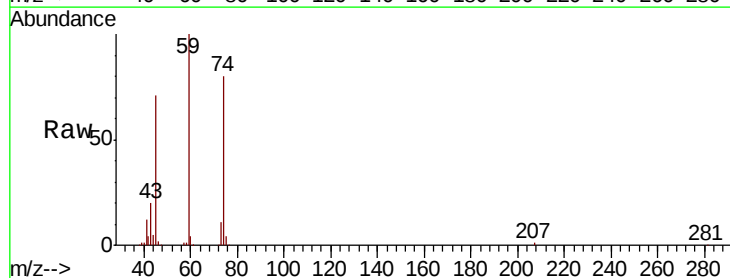
Tot Ion:101 Resp: 296309
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

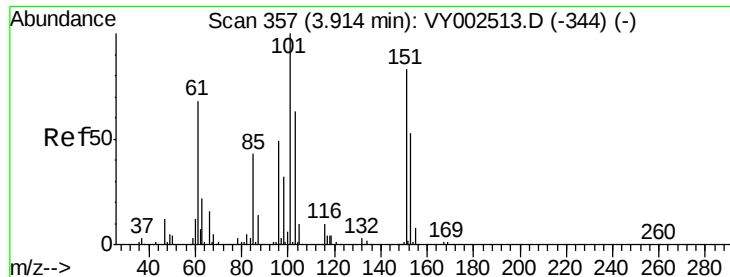


#8

Diethyl Ether
Concen: 54.296 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 74 Resp: 100081
Ion Ratio Lower Upper
74 100
45 90.6 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.700 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

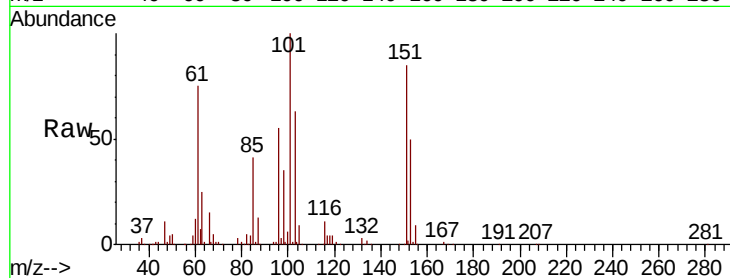
Tot Ion:101 Resp: 183372

Ion Ratio Lower Upper

101 100

85 42.2 33.4 50.2

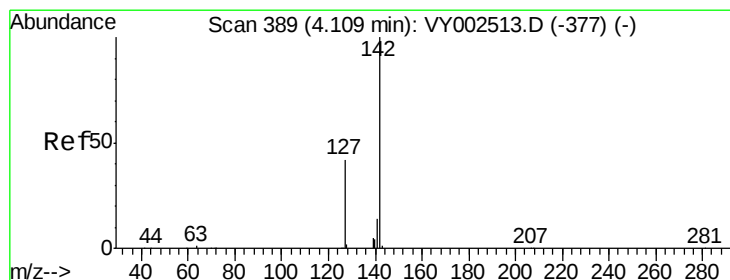
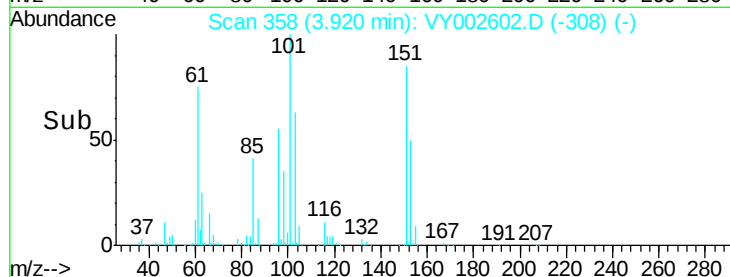
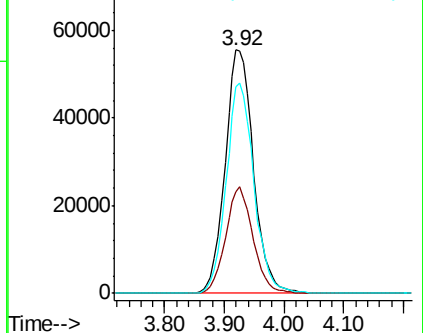
151 84.7 66.8 100.2



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



#10

Methyl Iodide

Concen: 55.530 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

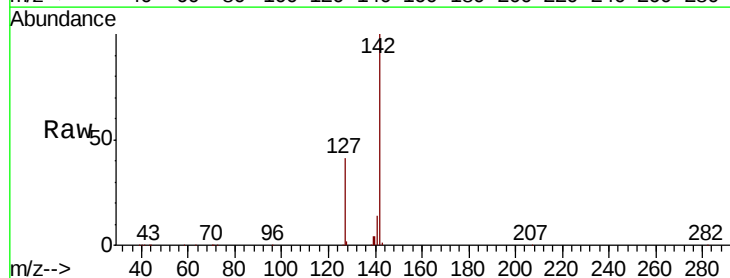
Tgt Ion:142 Resp: 253612

Ion Ratio Lower Upper

142 100

127 41.2 33.7 50.5

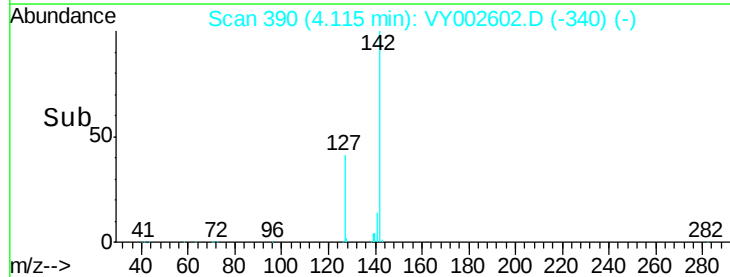
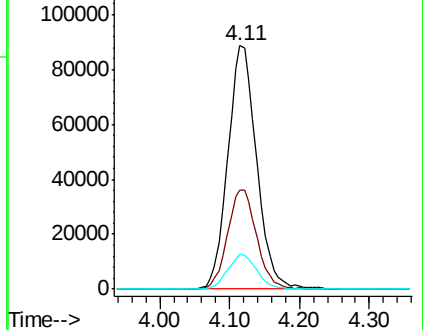
141 14.3 11.4 17.0

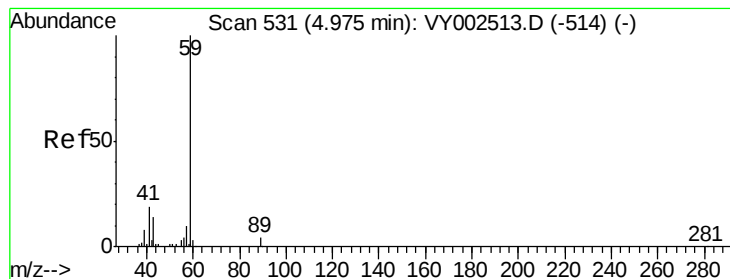


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



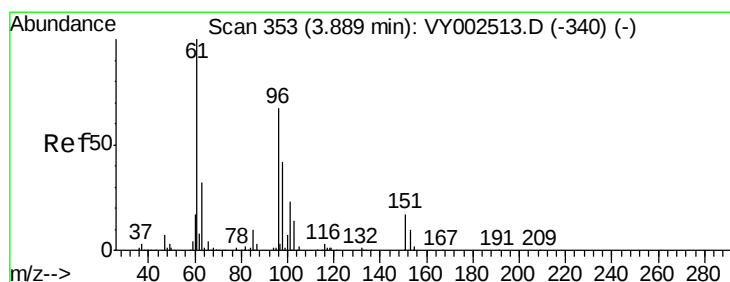
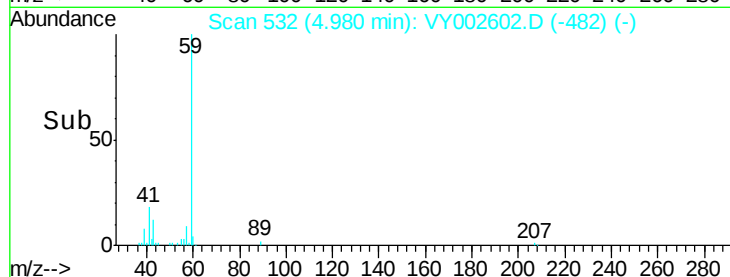
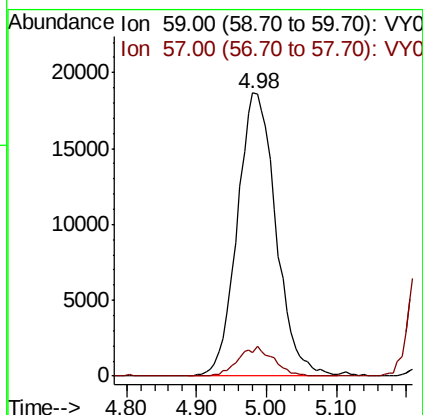
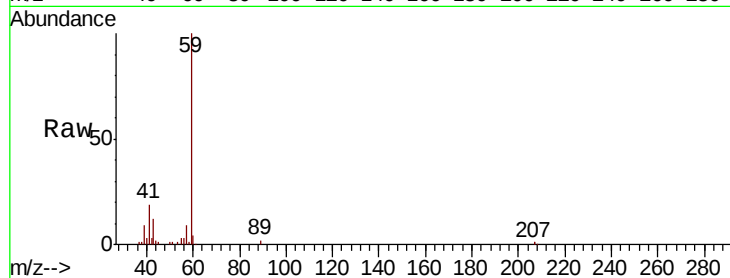


#11

Tert butyl alcohol
 Concen: 218.662 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :

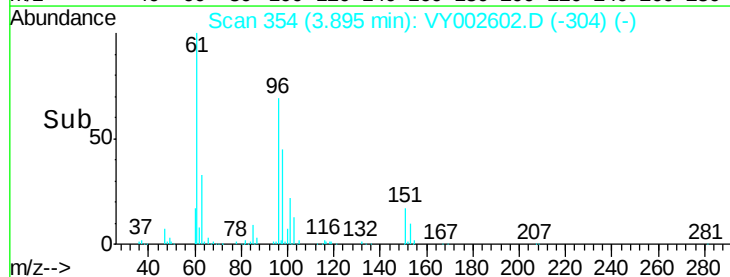
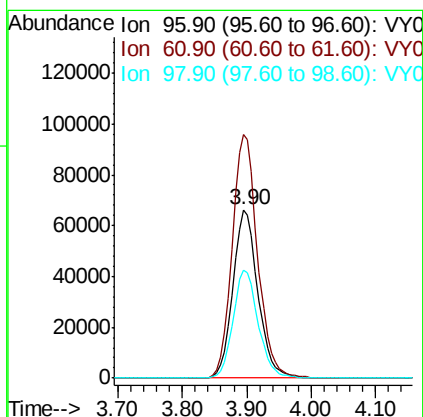
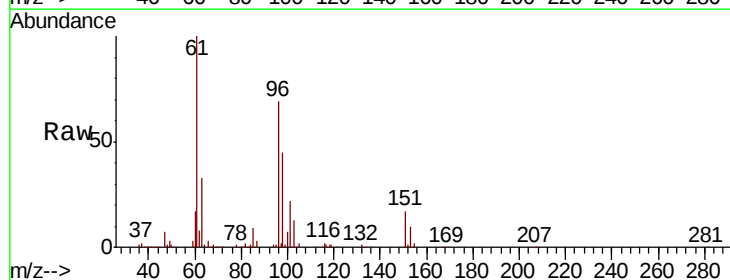
Tot Ion: 59 Resp: 71558
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6

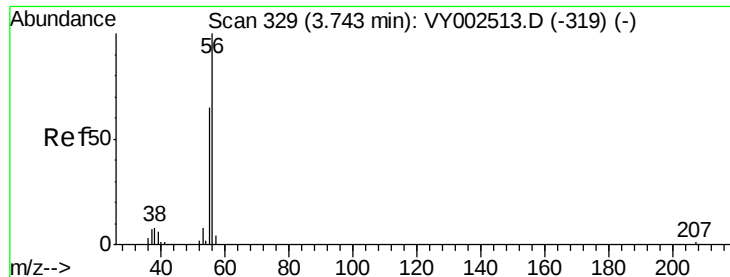


#12

1,1-Dichloroethene
 Concen: 55.004 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 96 Resp: 179129
 Ion Ratio Lower Upper
 96 100
 61 144.3 118.8 178.2
 98 64.3 49.6 74.4





#13

Acrolein

Concen: 234.939 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

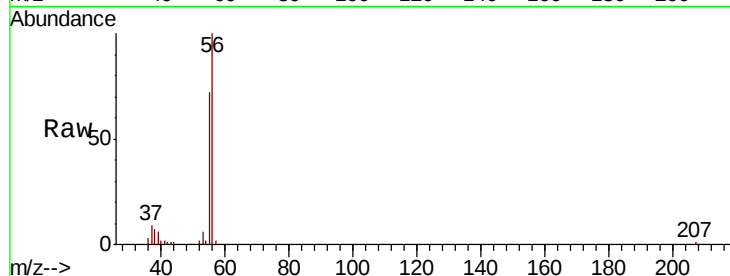
ClientSampleId :

Tot Ion: 56 Resp: 53166

Ion Ratio Lower Upper

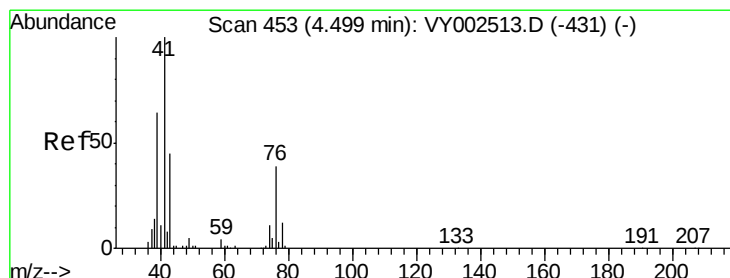
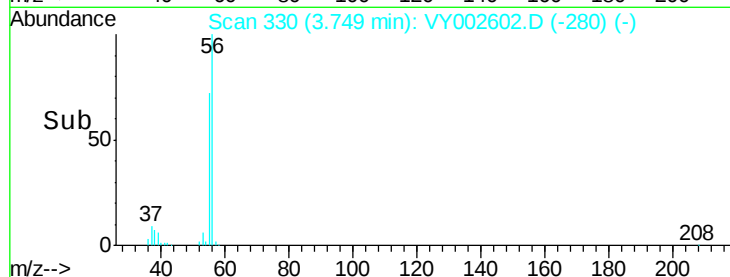
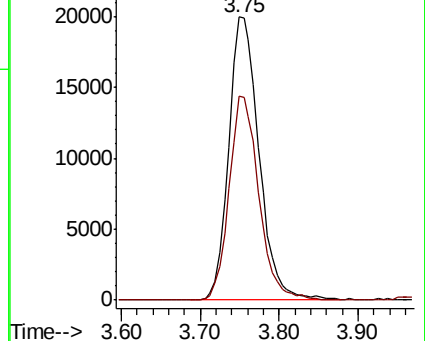
56 100

55 70.7 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 56.673 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

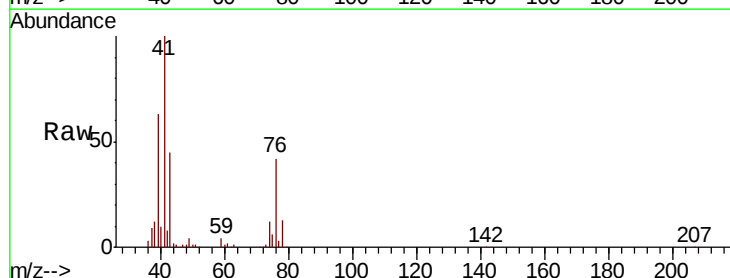
Tgt Ion: 41 Resp: 268909

Ion Ratio Lower Upper

41 100

39 61.3 51.8 77.6

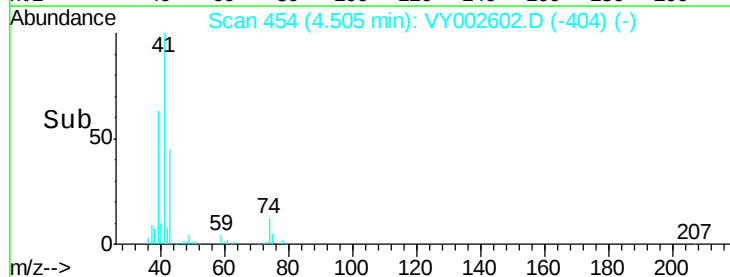
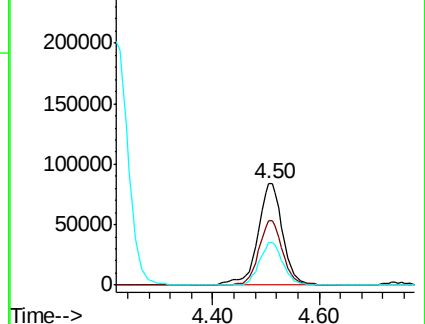
76 39.6 31.7 47.5

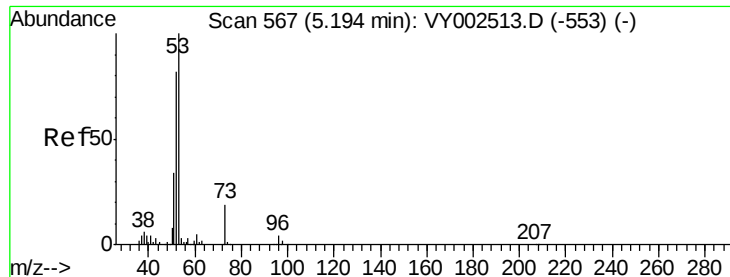


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 263.686 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

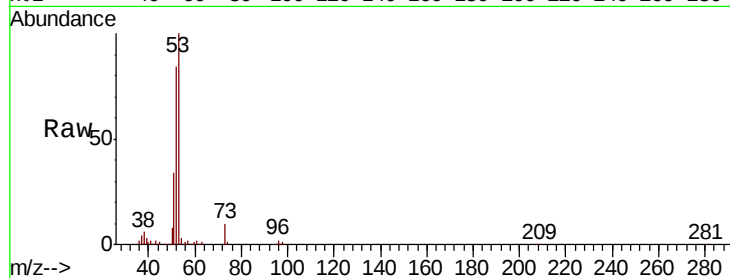
Tot Ion: 53 Resp: 229206

Ion Ratio Lower Upper

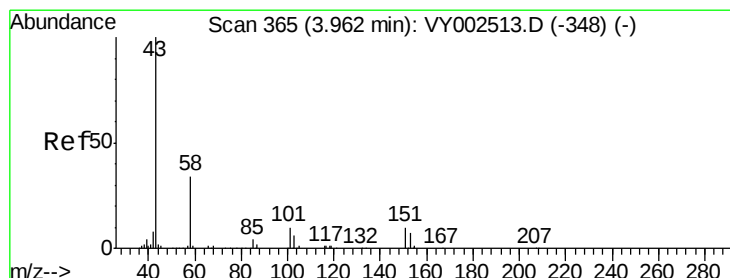
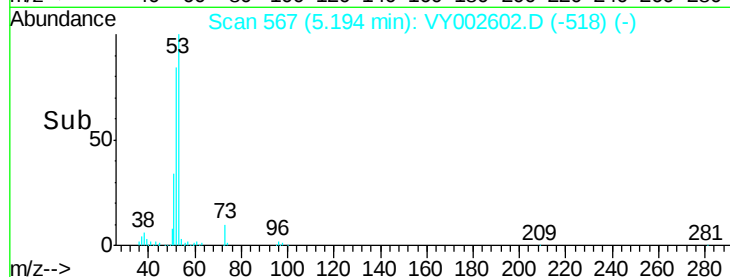
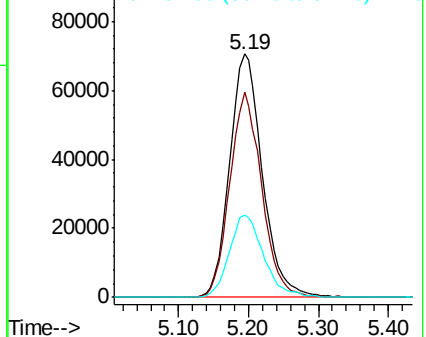
53 100

52 82.3 65.4 98.0

51 35.7 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: 264.516 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002602.D

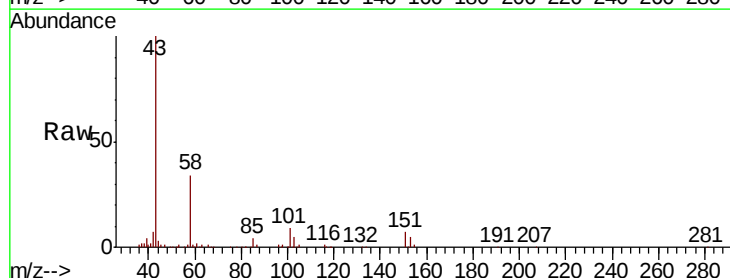
Acq: 06 May 2020 09:52

Tgt Ion: 43 Resp: 173643

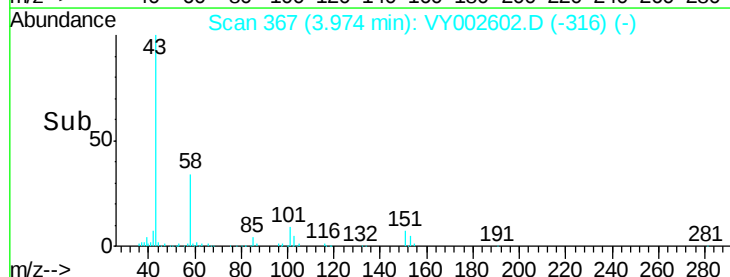
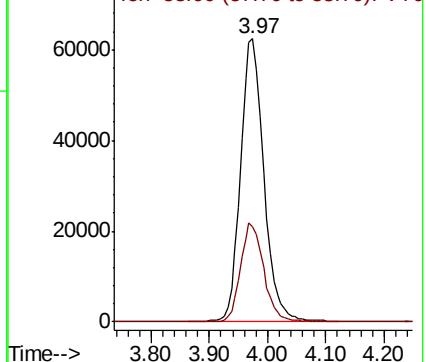
Ion Ratio Lower Upper

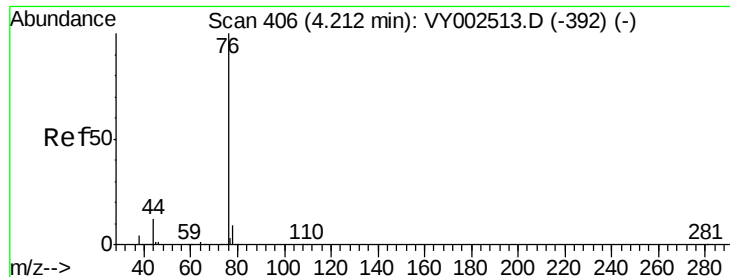
43 100

58 33.8 26.9 40.3



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

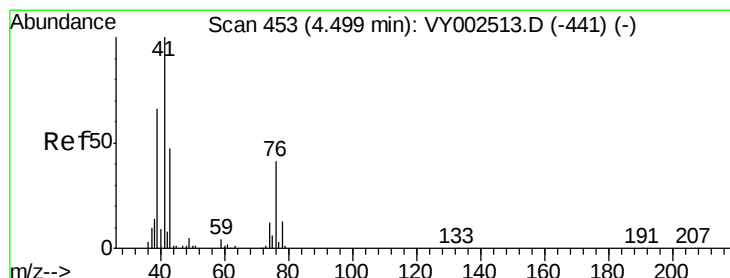
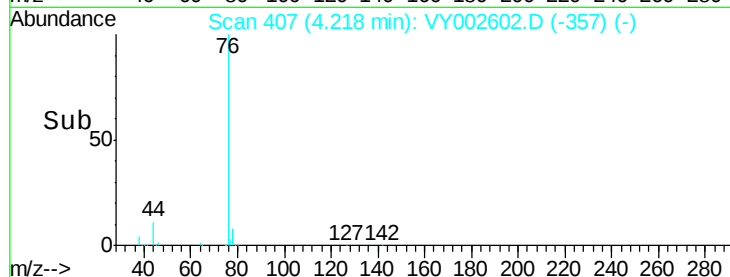
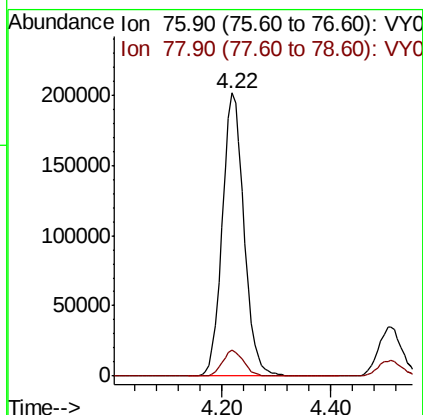
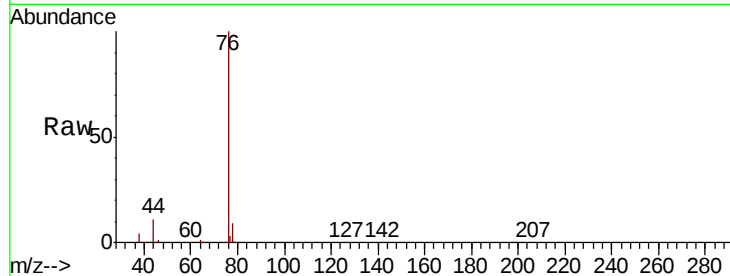




#17
Carbon Disulfide
Concen: 56.806 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

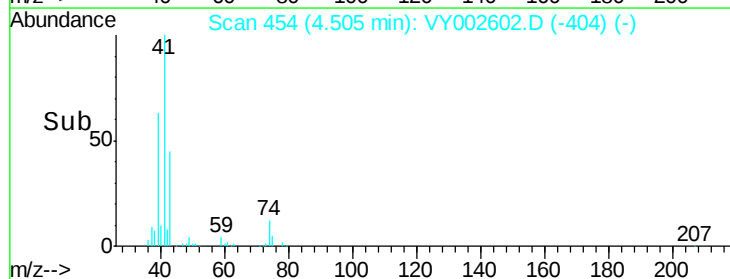
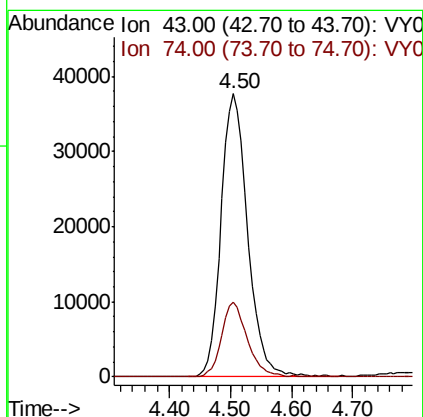
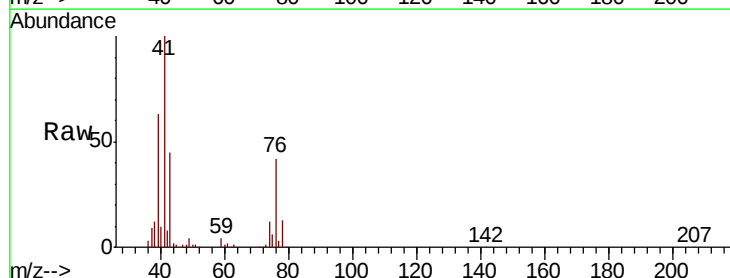
Instrument :
MSVOA_Y
ClientSampleId :

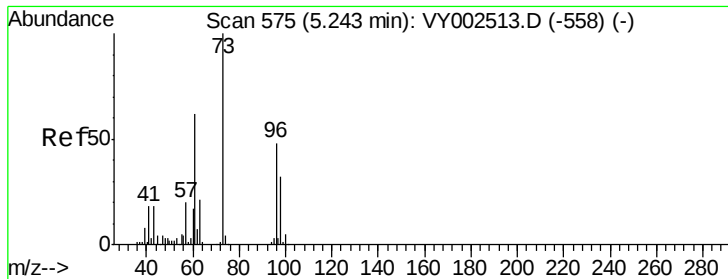
Tot Ion: 76 Resp: 556543
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 51.727 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 43 Resp: 113457
Ion Ratio Lower Upper
43 100
74 25.7 21.2 31.8

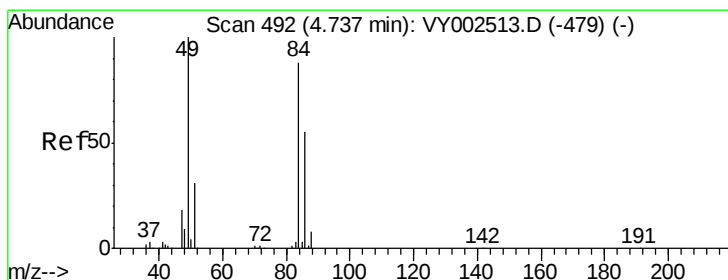
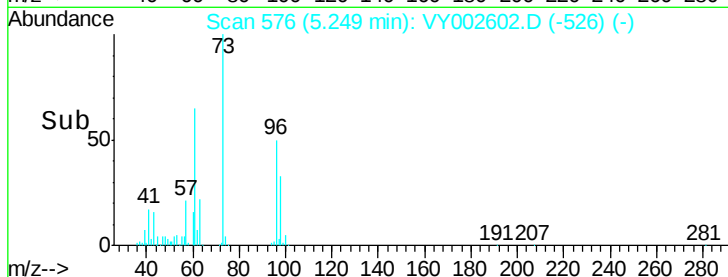
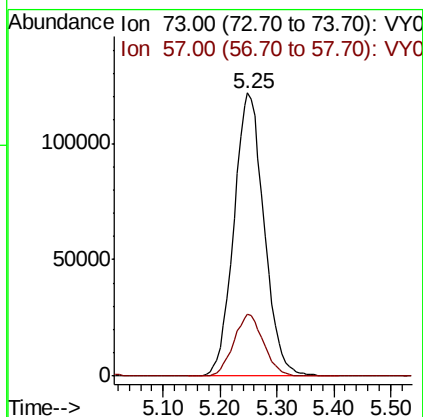
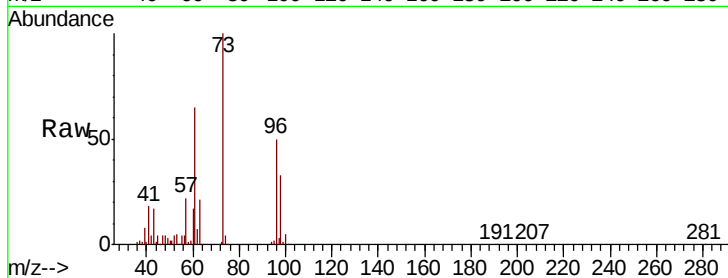




#19
Methvl tert-butvl Ether
Concen: 52.941 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

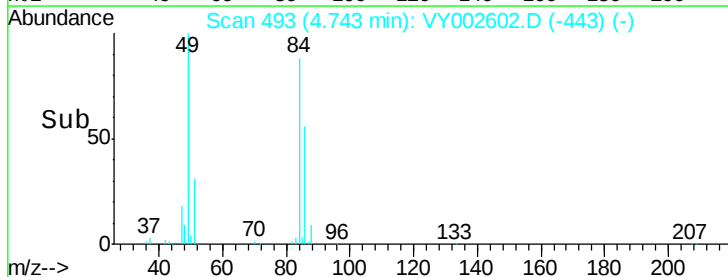
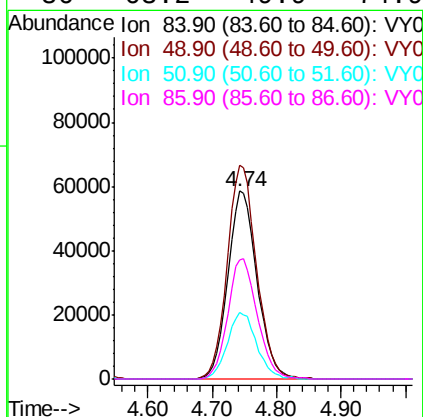
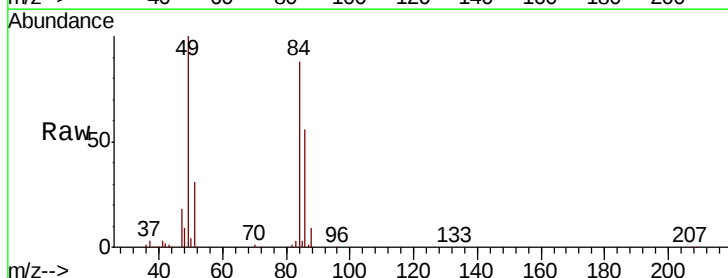
Instrument :
MSVOA_Y
ClientSampled :

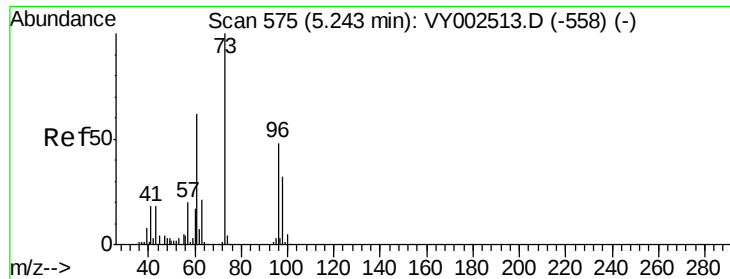
Tot Ion: 73 Resp: 449815
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5



#20
Methylene Chloride
Concen: 50.590 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 84 Resp: 185714
Ion Ratio Lower Upper
84 100
49 113.8 90.5 135.7
51 35.7 28.3 42.5
86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.052 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampled :

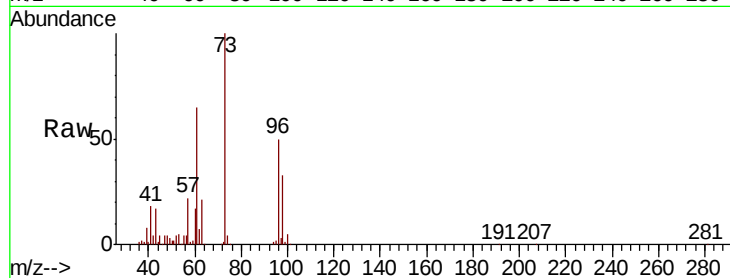
Tot Ion: 96 Resp: 195955

Ion Ratio Lower Upper

96 100

61 128.0 102.0 153.0

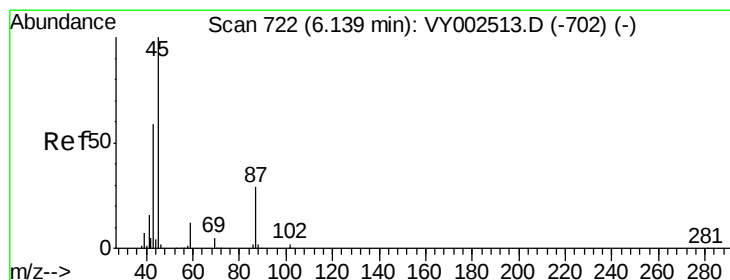
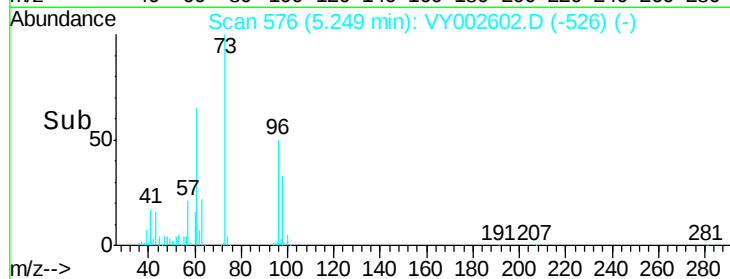
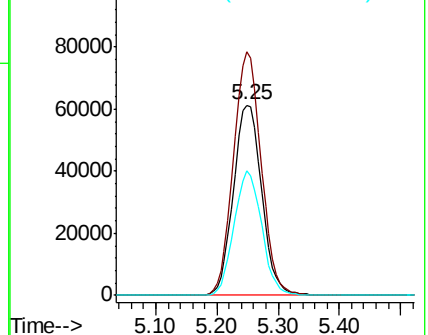
98 65.5 53.0 79.4



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: 54.982 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion: 45 Resp: 527868

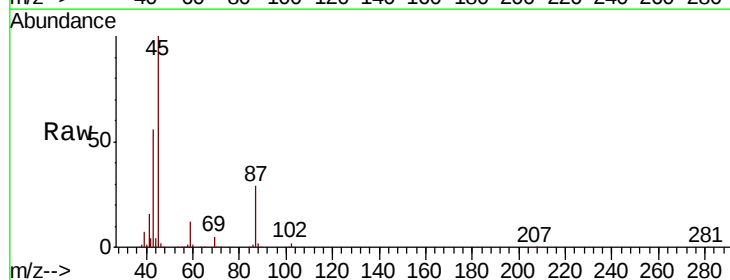
Ion Ratio Lower Upper

45 100

43 56.0 47.4 71.0

87 29.3 24.0 36.0

59 12.1 9.8 14.8

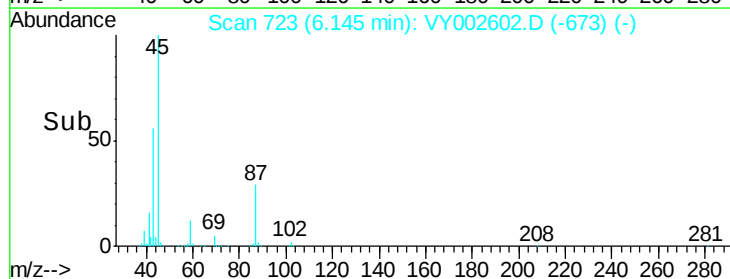
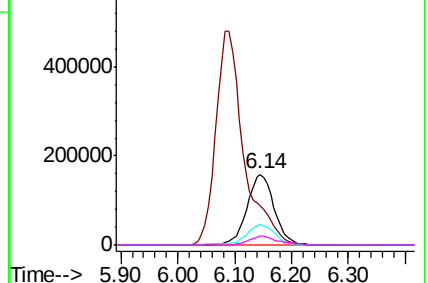


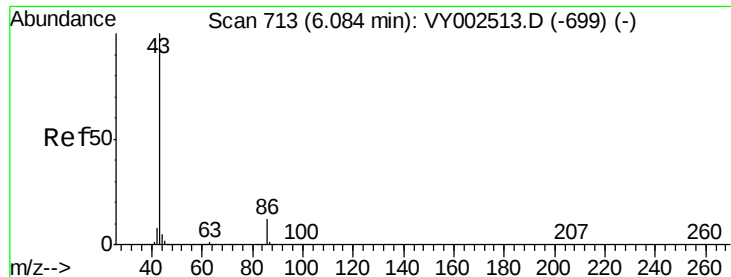
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 271.353 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

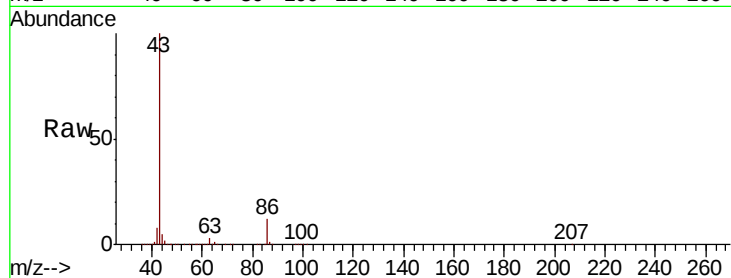
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1638410

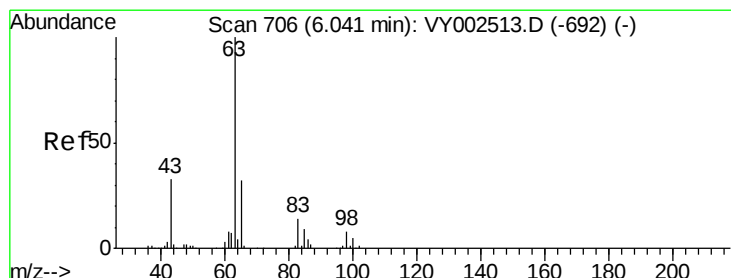
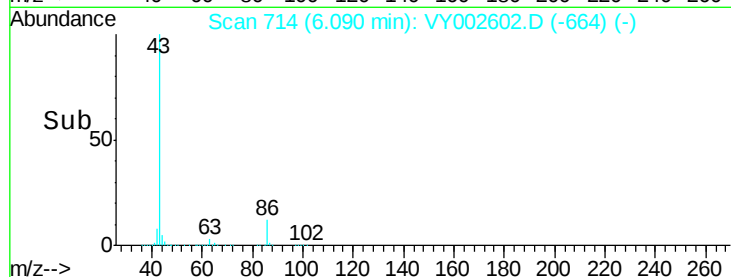
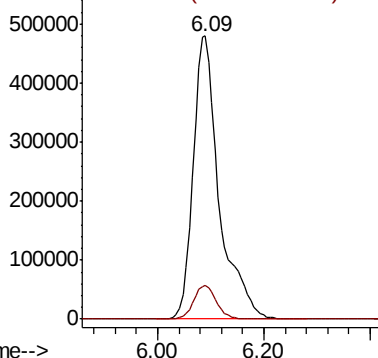
Ion Ratio Lower Upper

43 100

86 11.9 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: 55.089 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

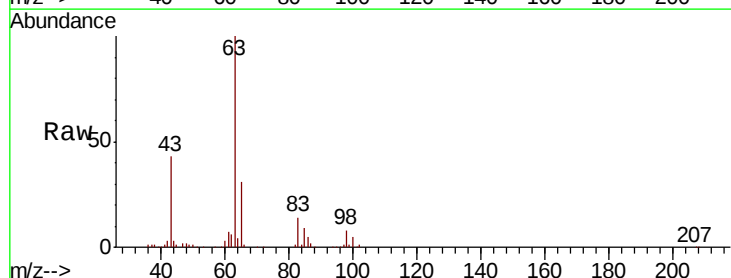
Tgt Ion: 63 Resp: 312896

Ion Ratio Lower Upper

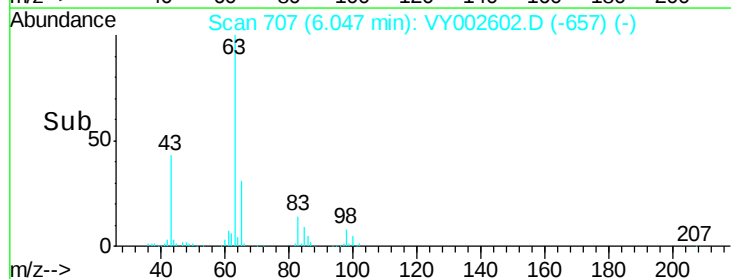
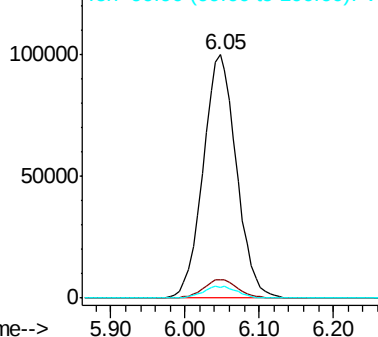
63 100

98 7.7 3.9 11.7

100 4.5 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: 252.214 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

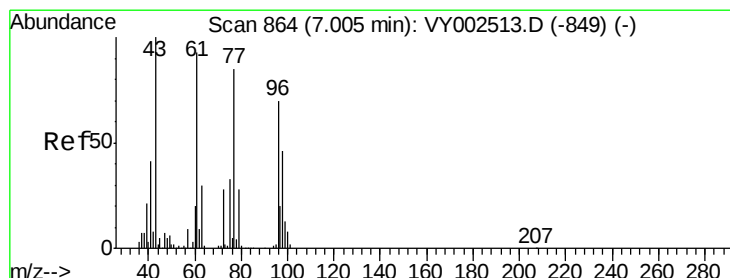
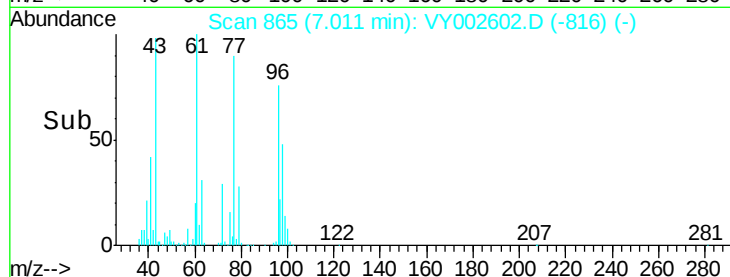
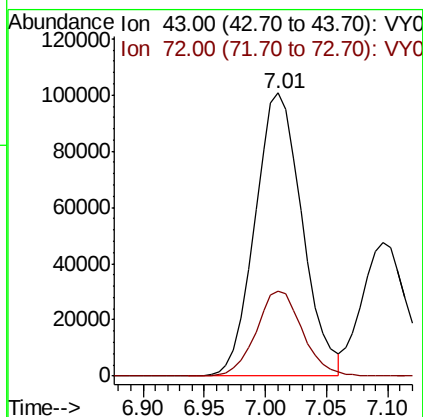
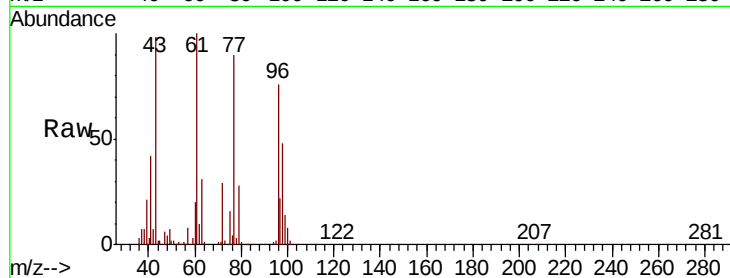
ClientSampled :

Tot Ion: 43 Resp: 271023

Ion Ratio Lower Upper

43 100

72 29.9 24.1 36.1



#26

2,2-Dichloropropane

Concen: 52.603 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002602.D

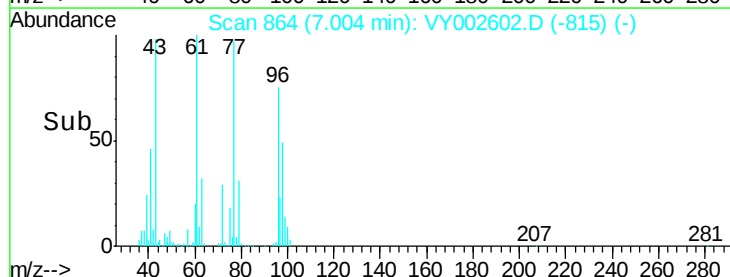
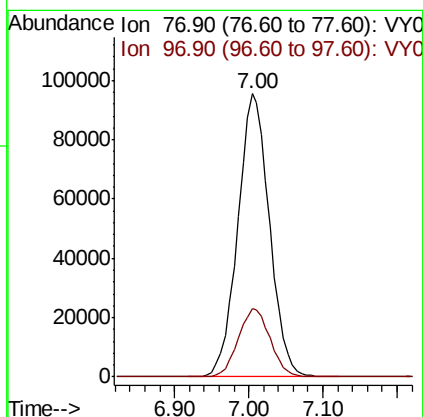
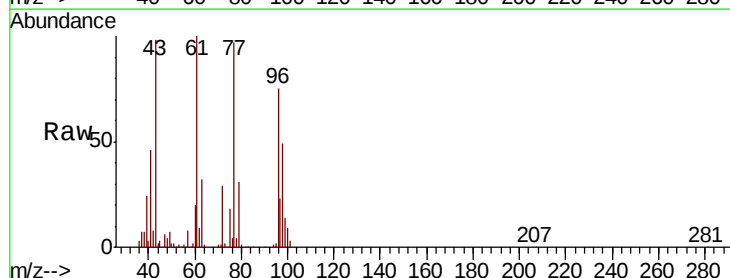
Acq: 06 May 2020 09:52

Tgt Ion: 77 Resp: 283996

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5



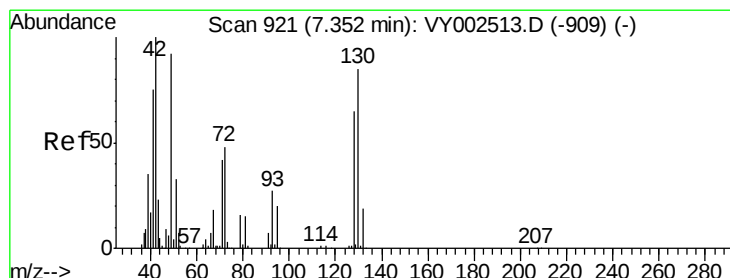
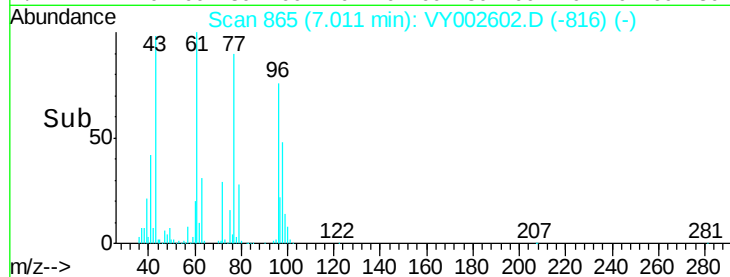
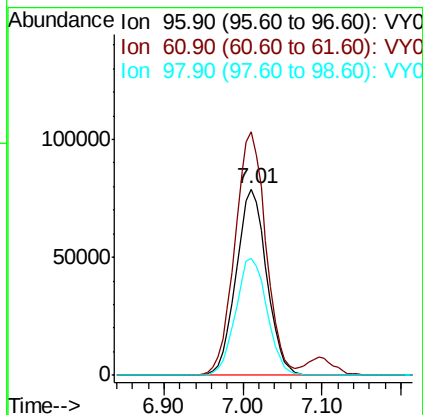
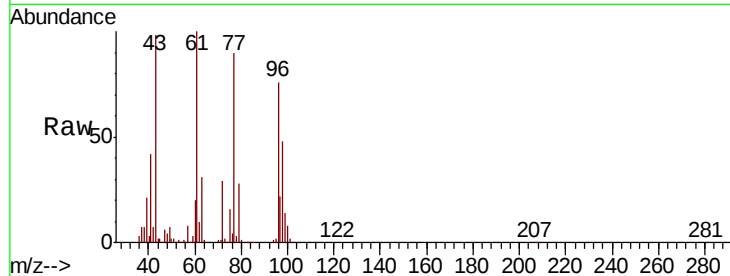


#27

cis-1,2-Dichloroethene
Concen: 53.958 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :

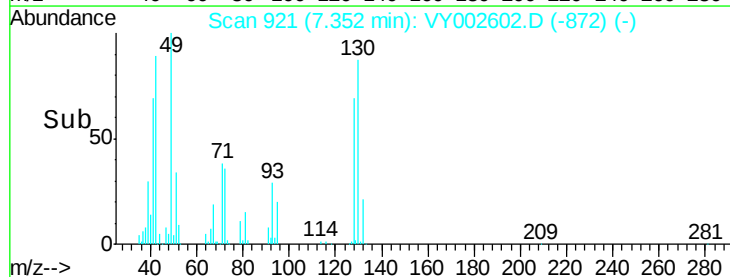
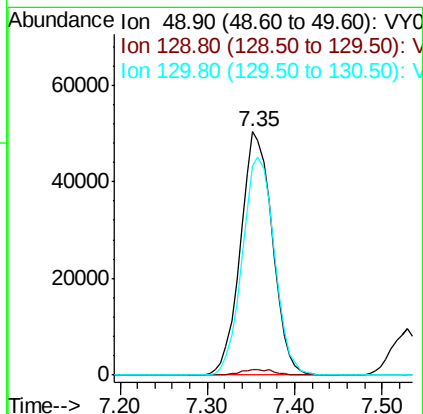
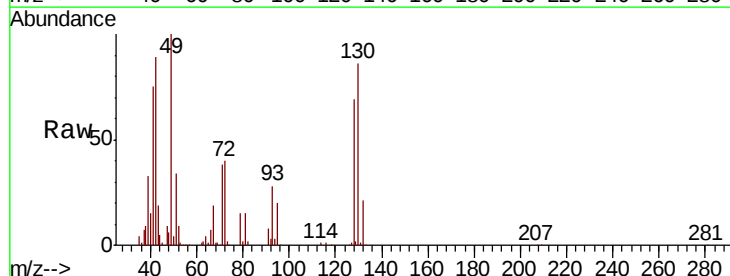
Tot Ion	96	Resp	212510
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	266.6
98	64.9	0.0	129.2

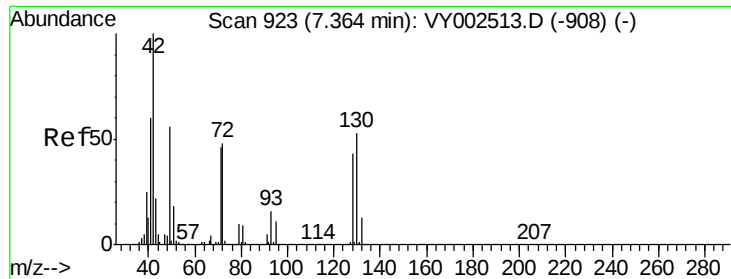


#28

Bromochloromethane
Concen: 54.808 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	49	Resp	127545
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	90.4	72.5	108.7

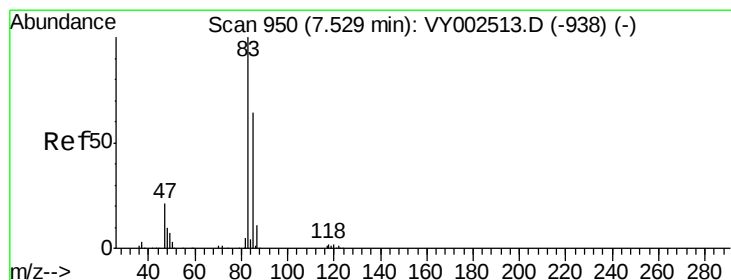
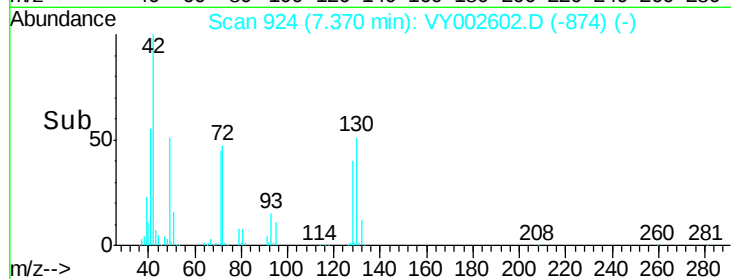
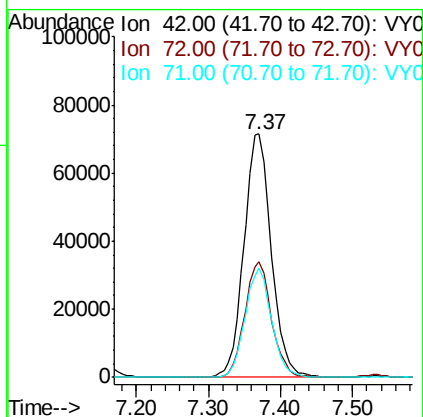
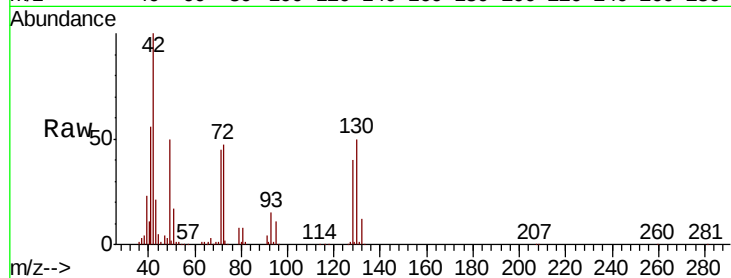




#29
Tetrahydrofuran
Concen: 265.522 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

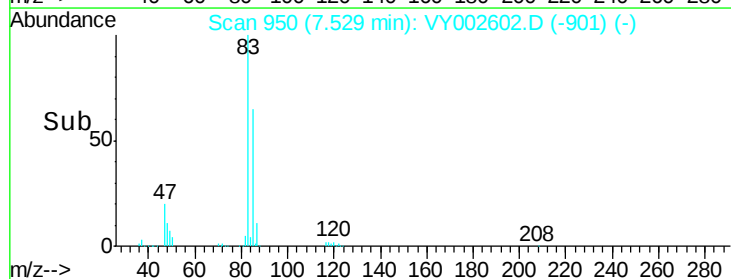
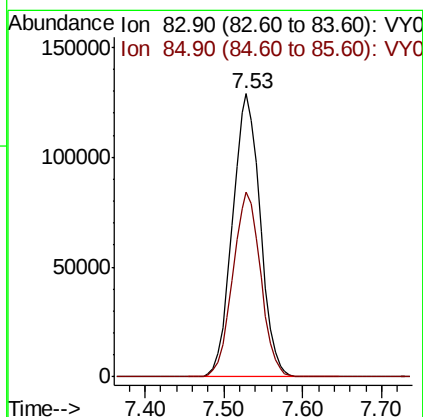
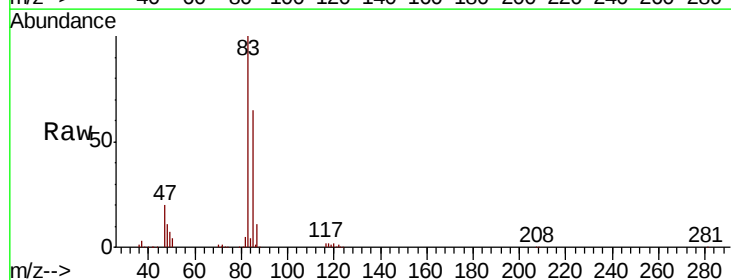
Instrument :
MSVOA_Y
ClientSampleId :

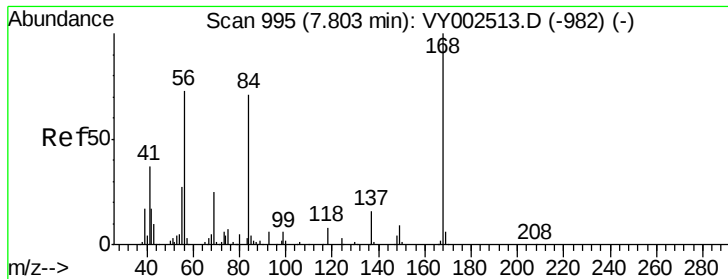
Tot Ion: 42 Resp: 188775
Ion Ratio Lower Upper
42 100
72 46.2 37.4 56.2
71 43.3 35.0 52.4



#30
Chloroform
Concen: 53.134 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 83 Resp: 313793
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3





#31

Cyclohexane

Concen: 53.263 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

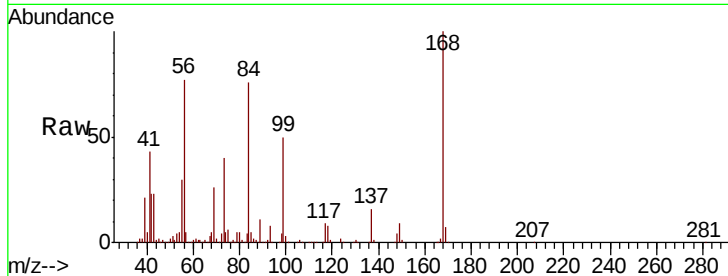
Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 304517

Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.6	41.4
84	97.2	77.7	116.5

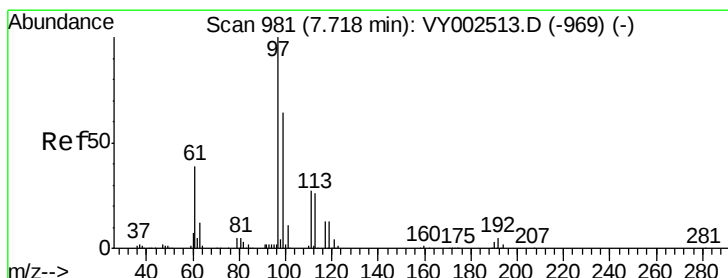
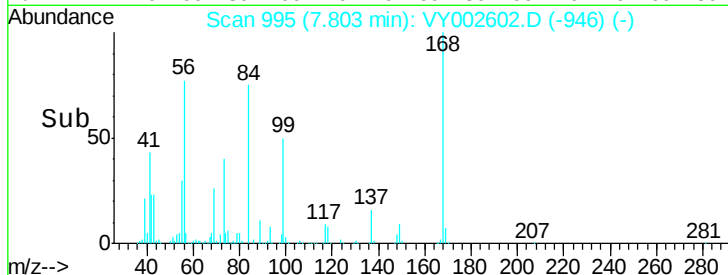


Abundance

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: 53.194 ug/l

RT: 7.72 min Scan# 982

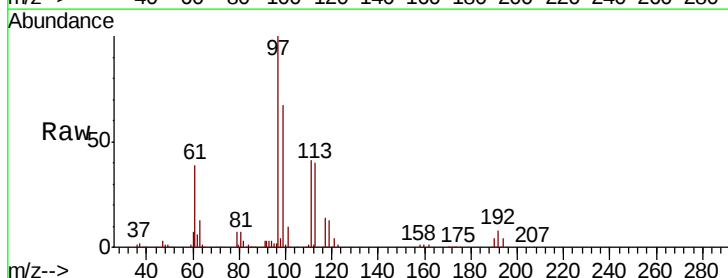
Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion: 97 Resp: 291994

Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.9	77.9
61	38.7	31.0	46.6

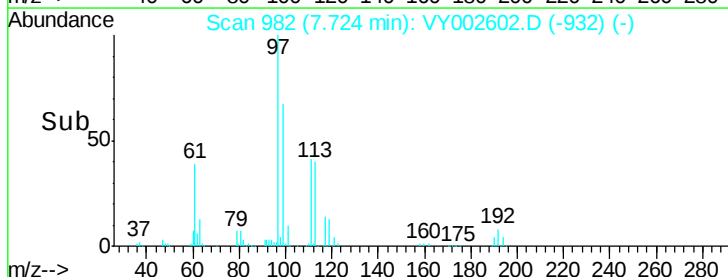


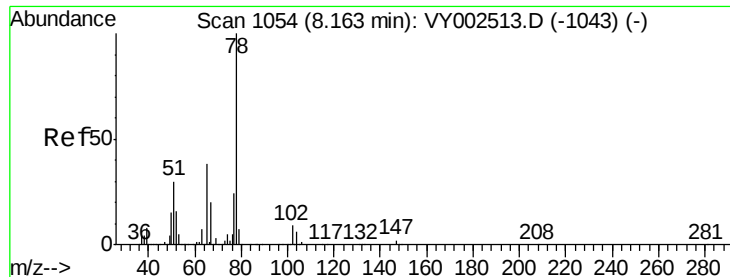
Abundance

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

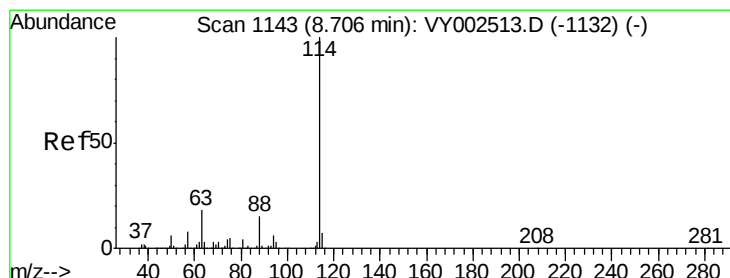
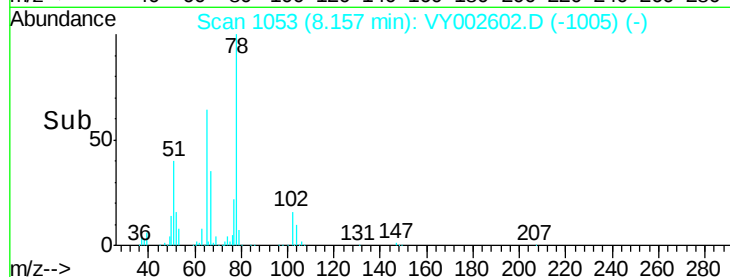
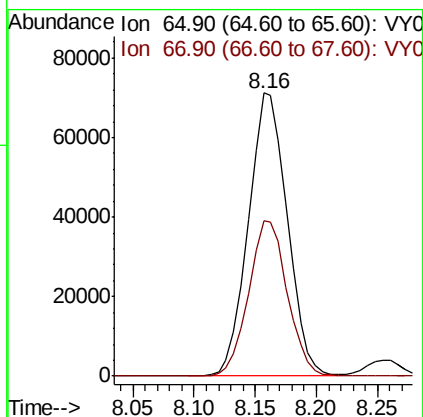
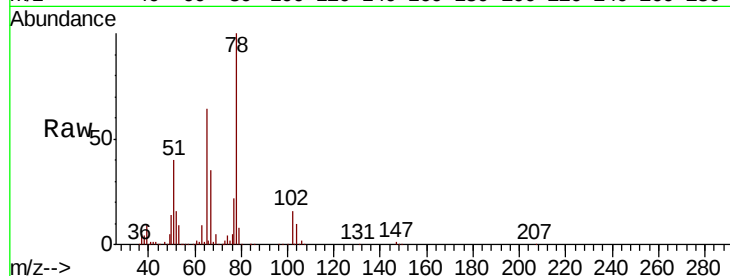




#33
 1,2-Dichloroethane-d4
 Concen: 49.636 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

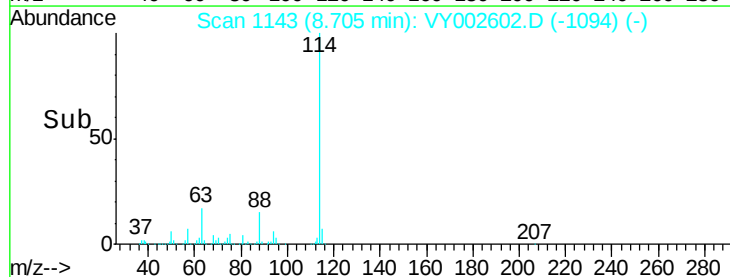
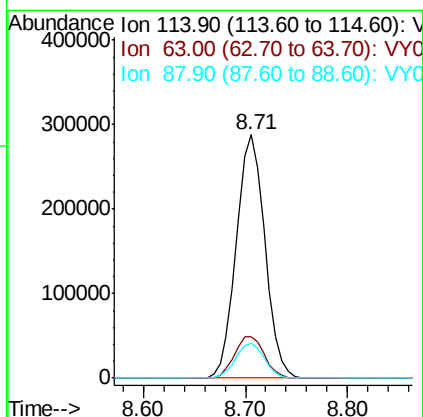
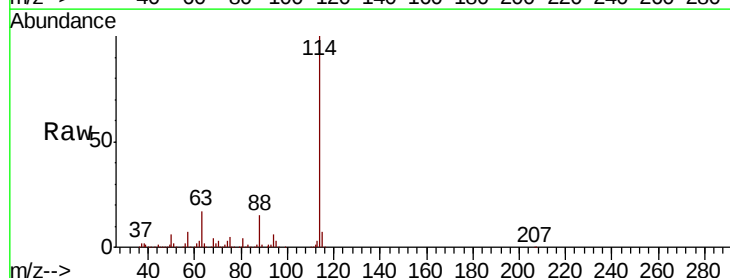
Instrument :
 MSVOA_Y
 ClientSampled :

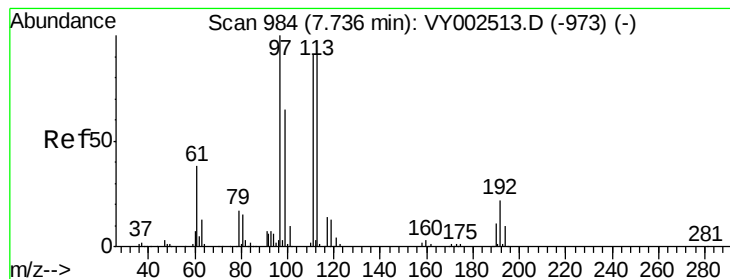
Tot Ion: 65 Resp: 157884
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 114 Resp: 559149
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.4
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.527 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :

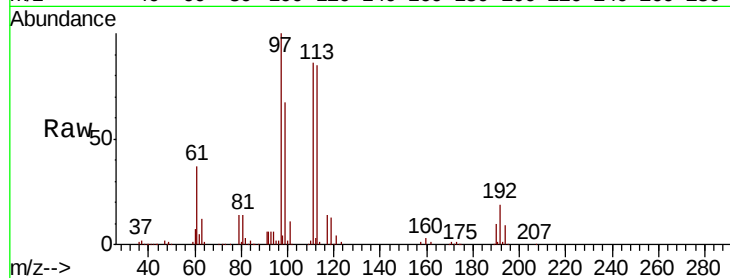
Tot Ion:113 Resp: 167969

Ion Ratio Lower Upper

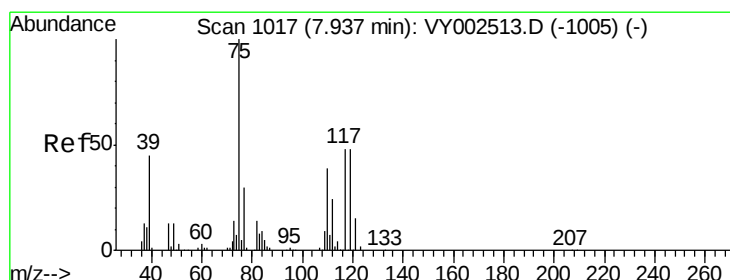
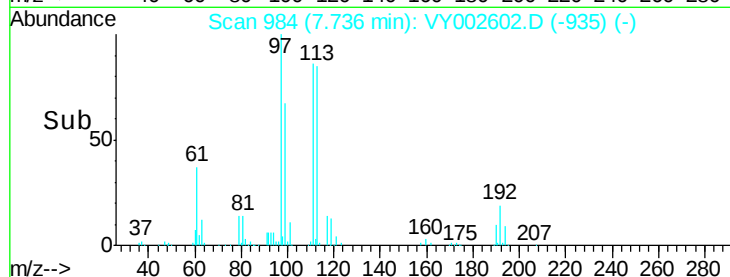
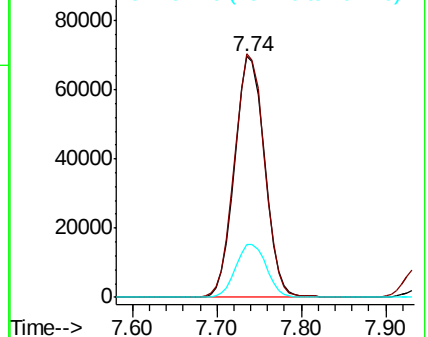
113 100

111 101.3 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: 54.861 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

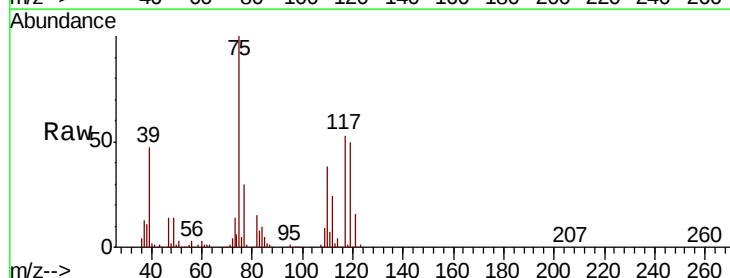
Tgt Ion: 75 Resp: 257154

Ion Ratio Lower Upper

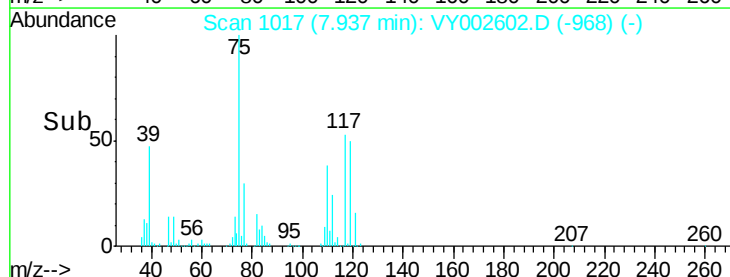
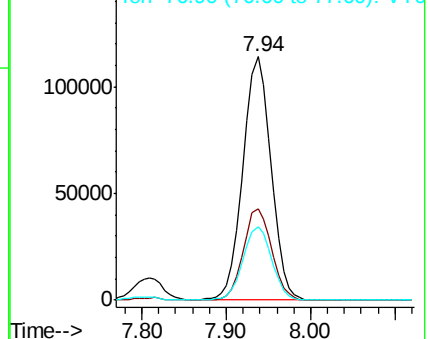
75 100

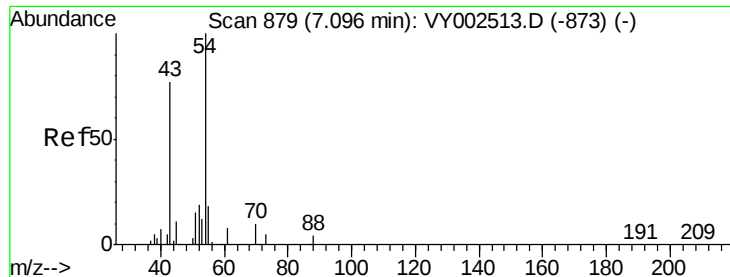
110 37.4 19.1 57.3

77 30.9 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

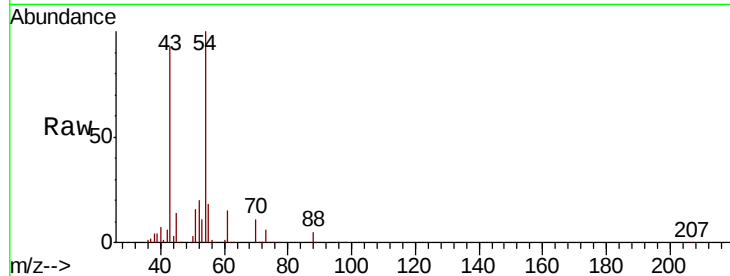




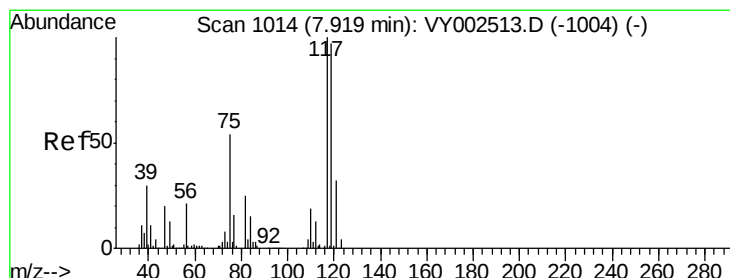
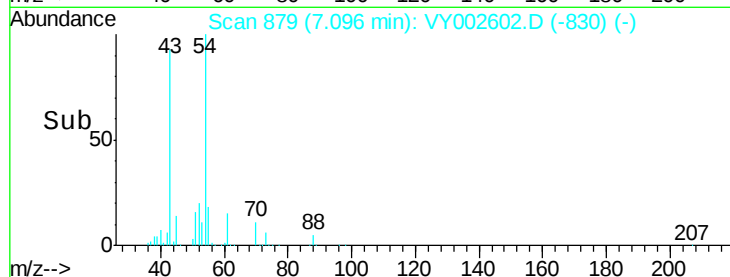
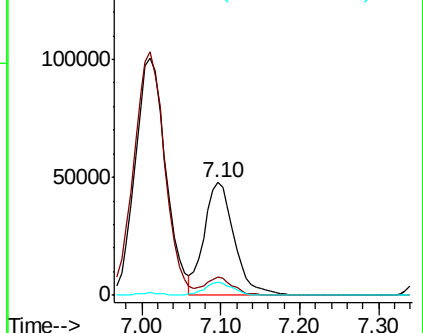
#37
Ethyl Acetate
Concen: 52.372 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 126151
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 11.1 9.0 13.6

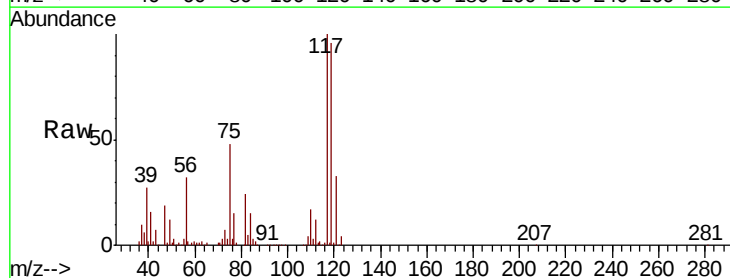


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

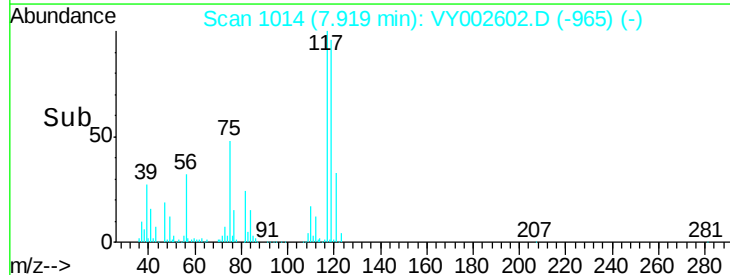
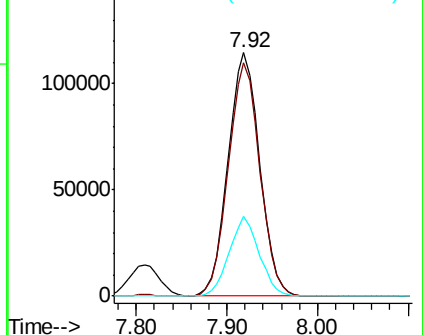


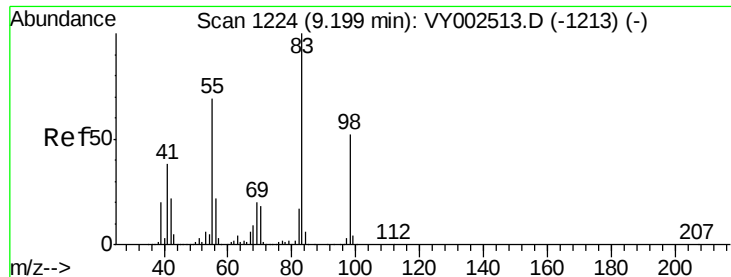
#38
Carbon Tetrachloride
Concen: 54.211 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 117 Resp: 277425
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
121 32.9 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

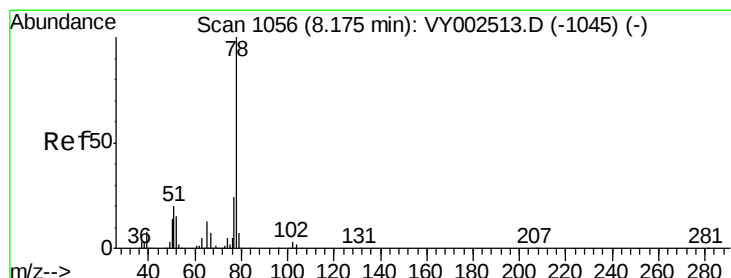
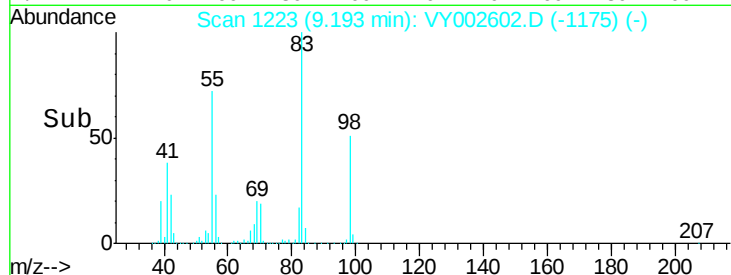
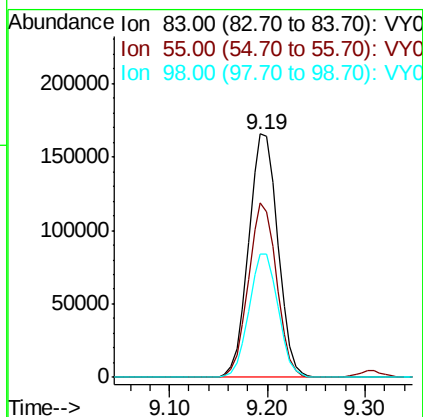
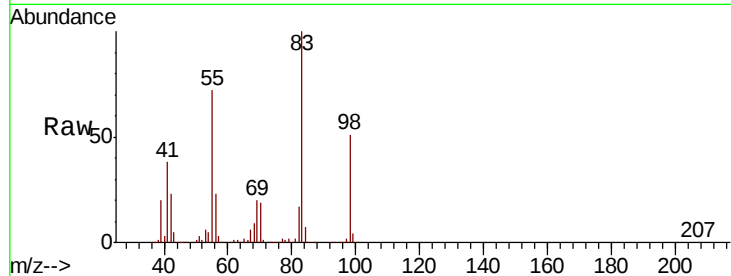




#39
Methvlcvclohexane
Concen: 55.664 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

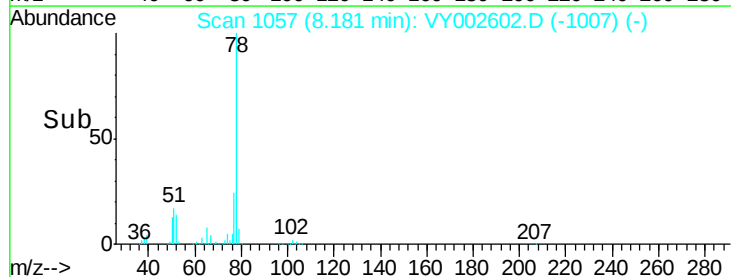
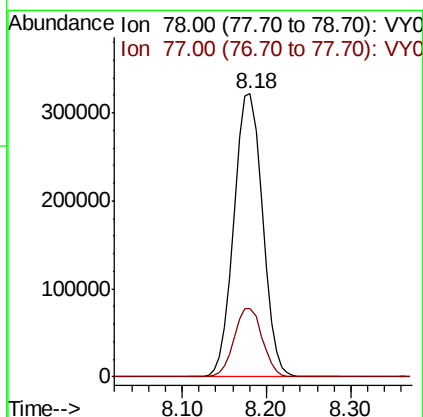
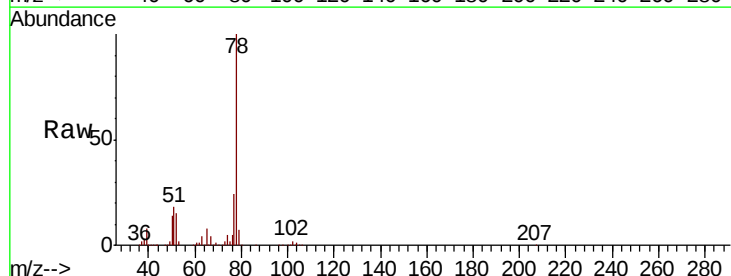
Instrument :
MSVOA_Y
ClientSampled :

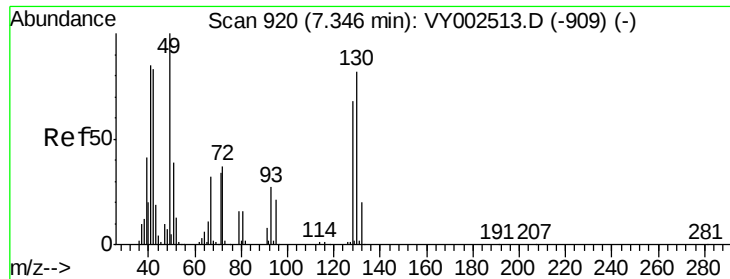
Tot Ion: 83 Resp: 344621
Ion Ratio Lower Upper
83 100
55 71.5 55.4 83.0
98 50.6 41.3 61.9



#40
Benzene
Concen: 54.515 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 78 Resp: 738041
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

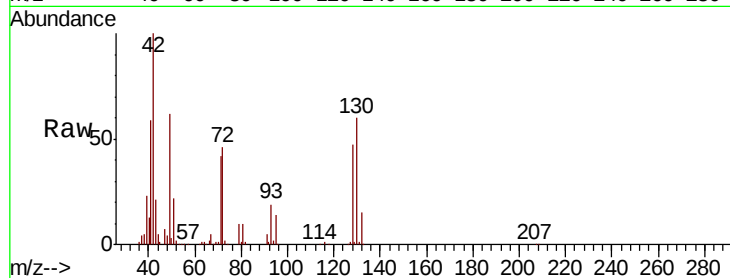




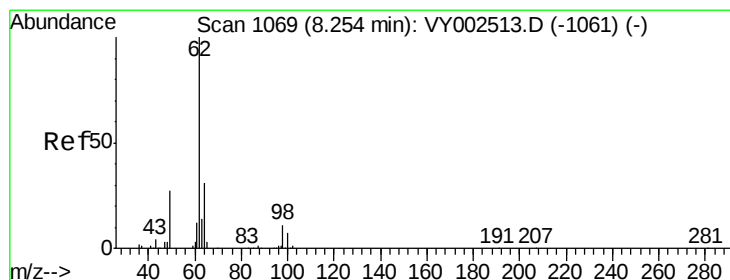
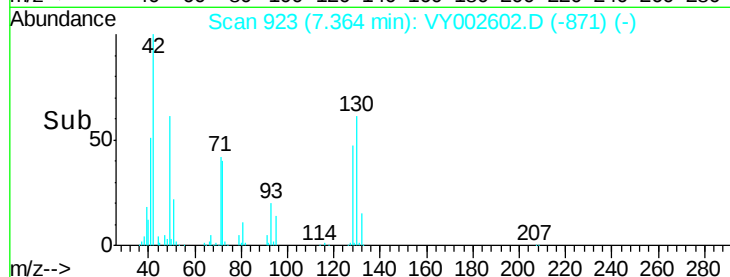
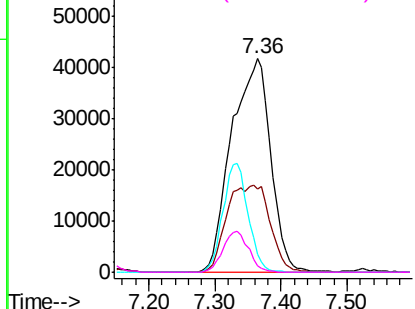
#41
Methacrylonitrile
Concen: 132.406 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 171480
Ion Ratio Lower Upper
41 100
39 45.1 83.1 124.7#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

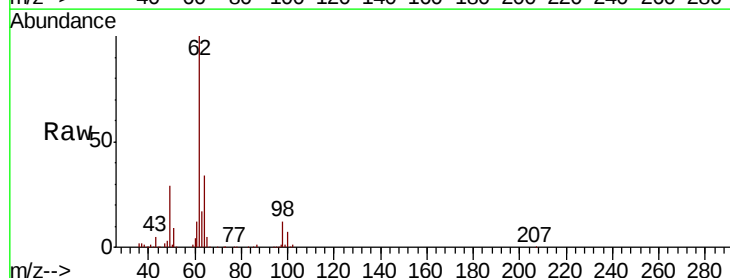


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

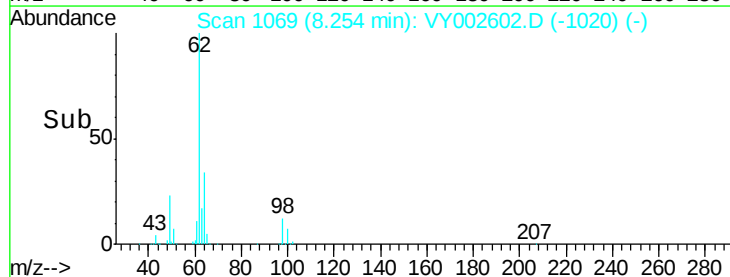
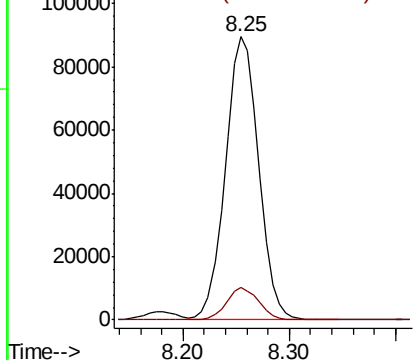


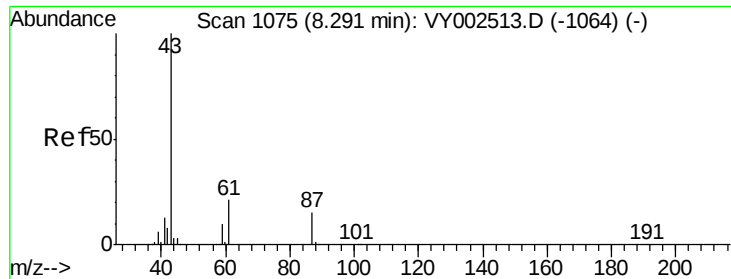
#42
1,2-Dichloroethane
Concen: 51.368 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 62 Resp: 195068
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 53.115 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

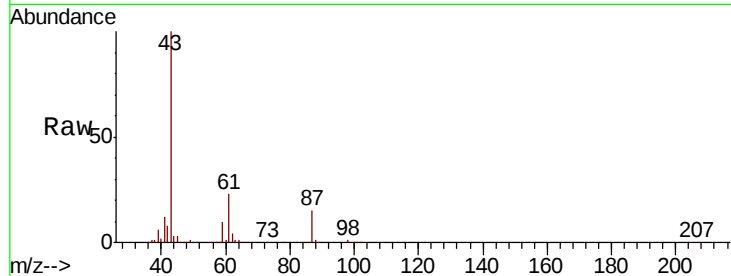
Tot Ion: 43 Resp: 239854

Ion Ratio Lower Upper

43 100

61 31.2 24.8 37.2

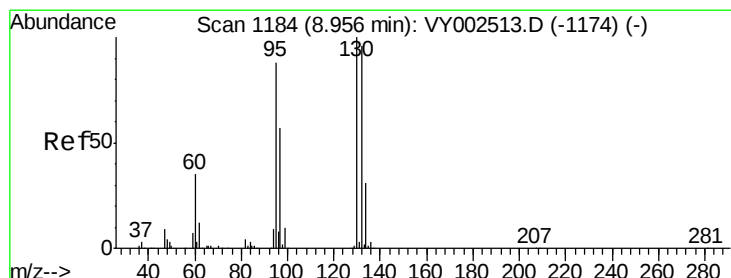
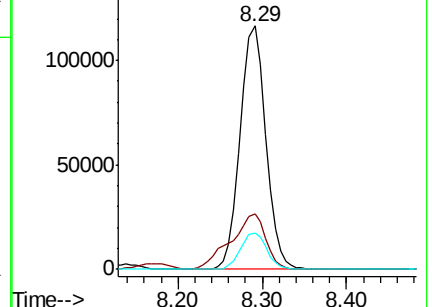
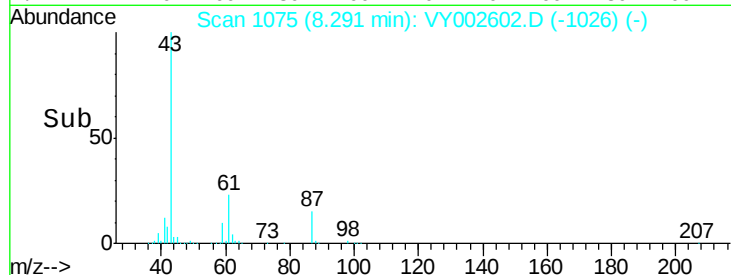
87 15.3 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002602.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002602.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002602.D (-1026) (-)



#44

Trichloroethene

Concen: 54.993 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002602.D

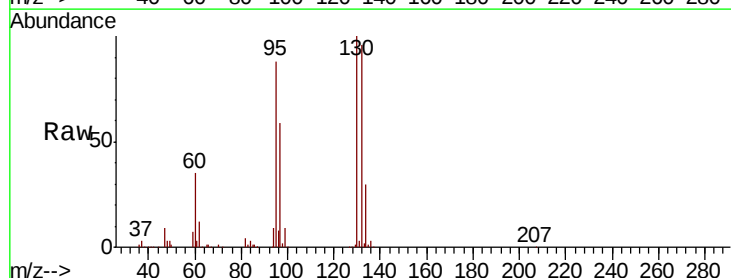
Acq: 06 May 2020 09:52

Tgt Ion:130 Resp: 232671

Ion Ratio Lower Upper

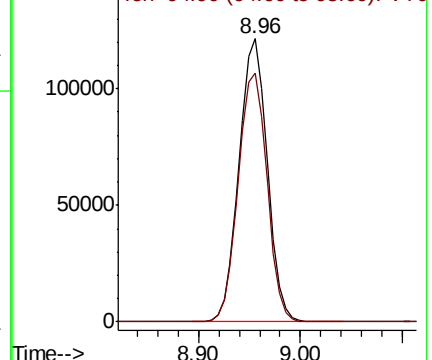
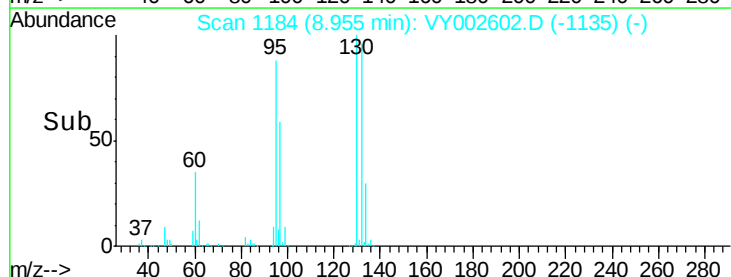
130 100

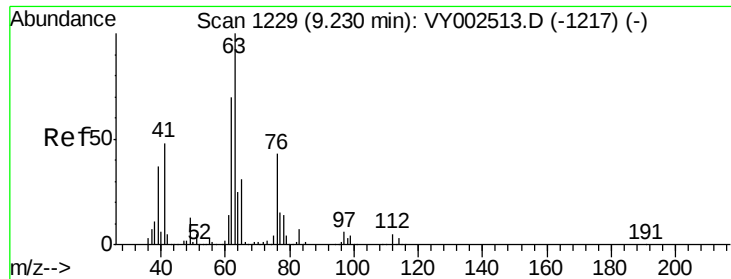
95 88.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002602.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002602.D (-1135) (-)

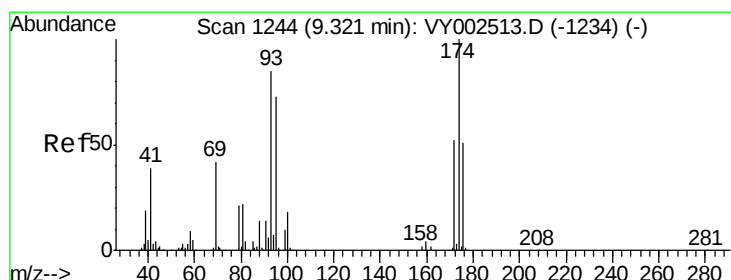
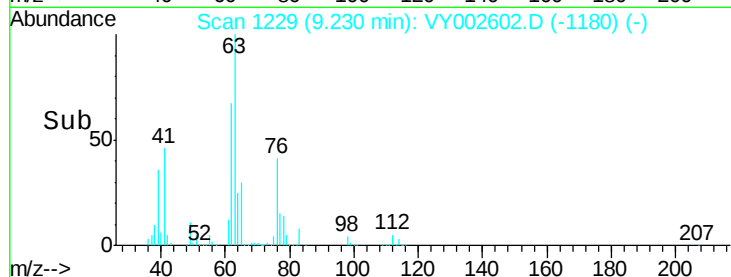
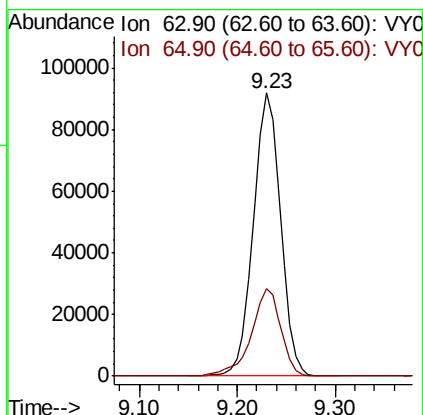
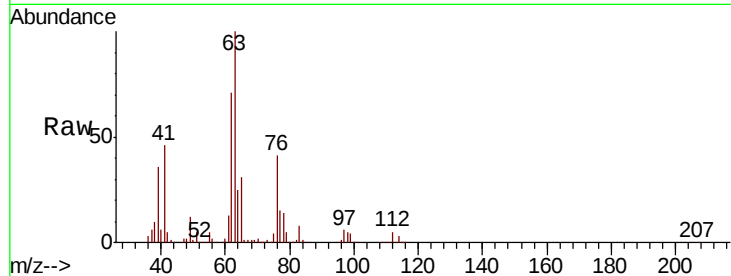




#45
 1,2-Dichloropropane
 Concen: 54.753 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

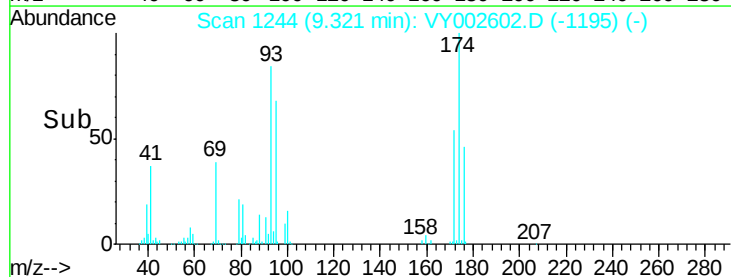
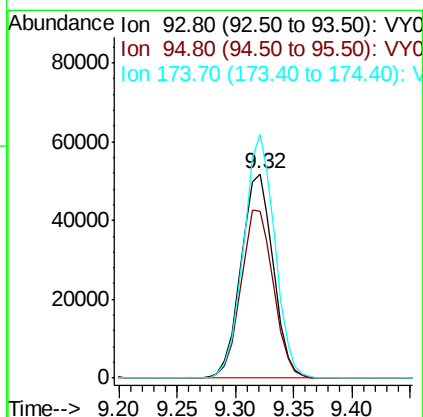
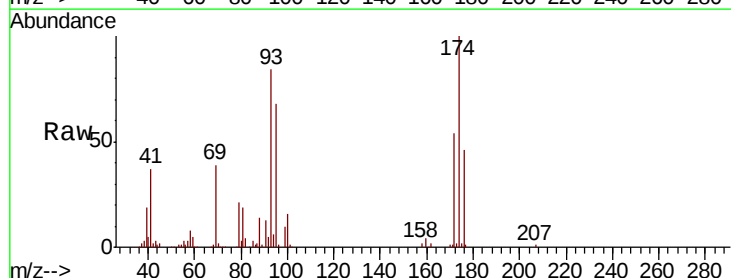
Instrument :
 MSVOA_Y
 ClientSampled :

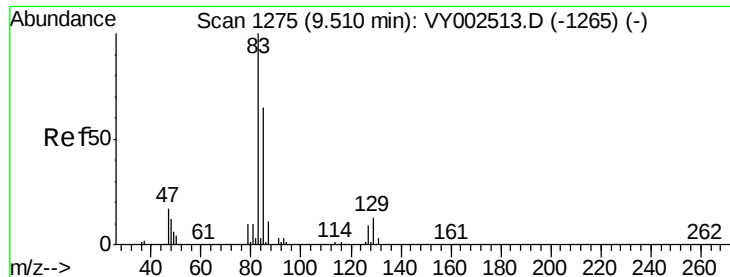
Tot Ion: 63 Resp: 178898
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7



#46
 Dibromomethane
 Concen: 53.108 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 93 Resp: 99839
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 116.1 92.7 139.1





#47

Bromodichloromethane

Concen: 53.367 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :

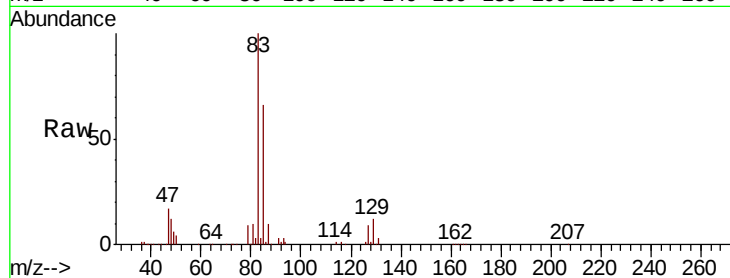
Tot Ion: 83 Resp: 243944

Ion Ratio Lower Upper

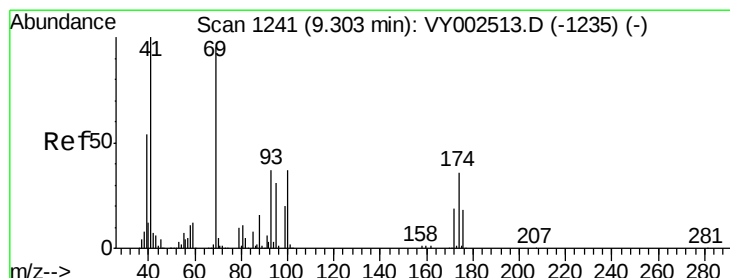
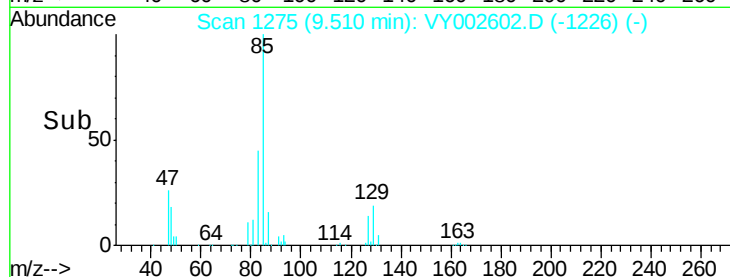
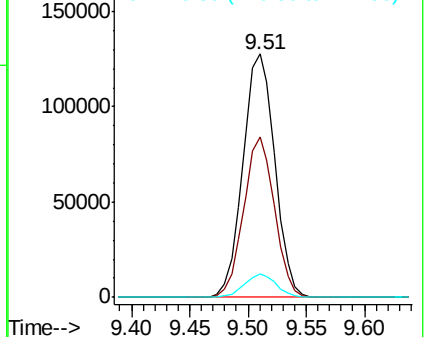
83 100

85 65.9 51.8 77.8

127 9.4 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): VY0



#48

Methyl methacrylate

Concen: 55.587 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

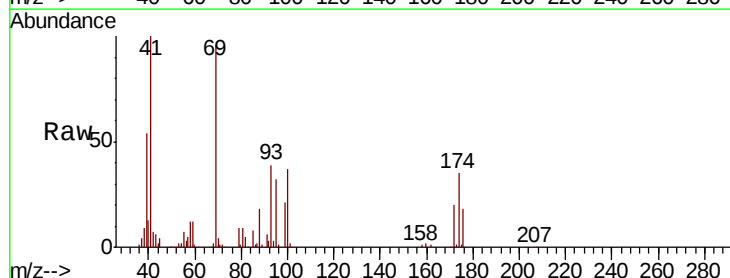
Tgt Ion: 41 Resp: 113602

Ion Ratio Lower Upper

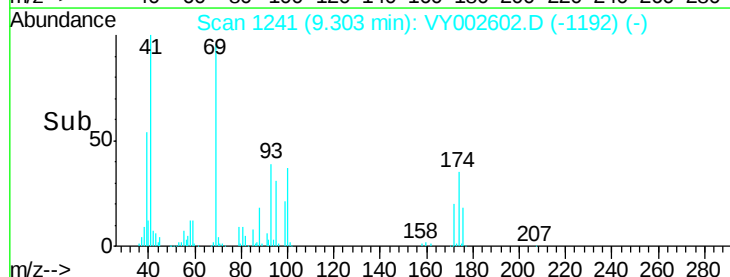
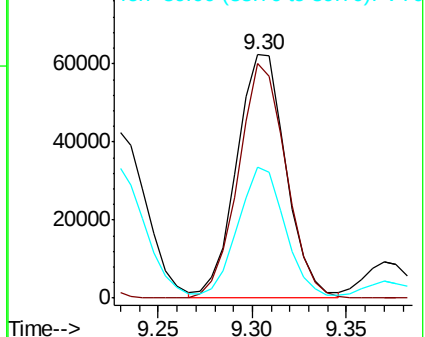
41 100

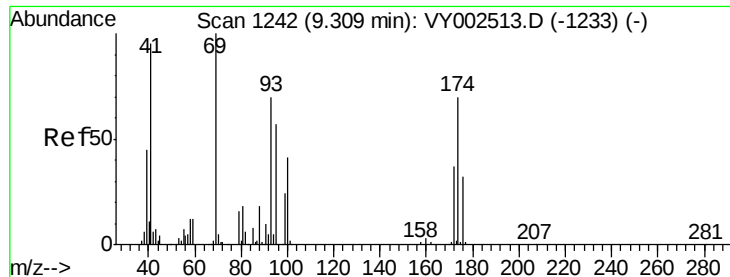
69 93.0 76.2 114.4

39 48.9 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

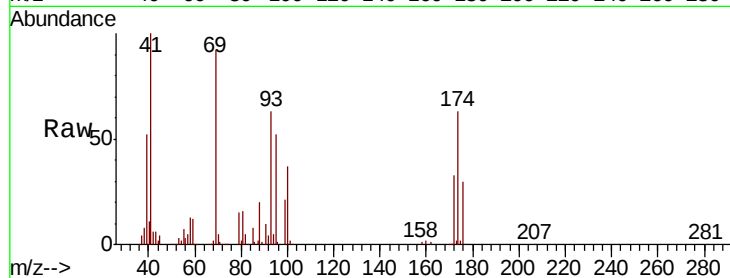




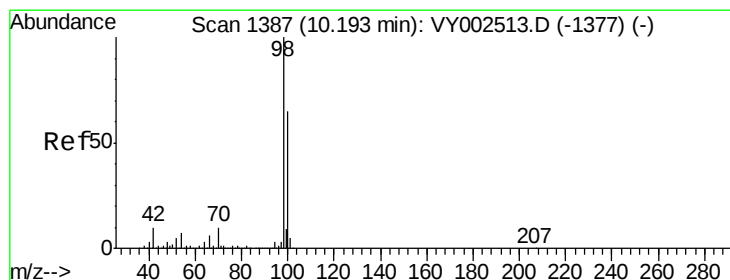
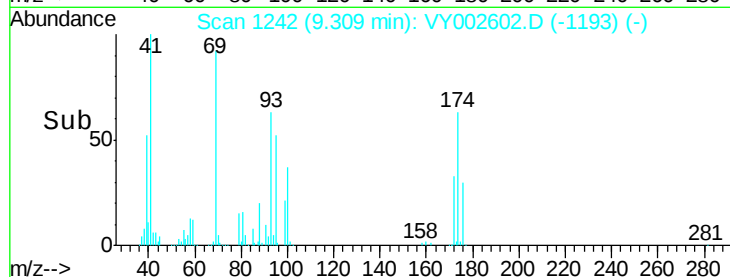
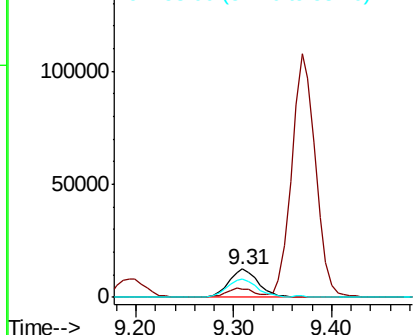
#49
 1,4-Dioxane
 Concen: 1070.316 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 26641
 Ion Ratio Lower Upper
 88 100
 43 30.1 22.8 34.2
 58 65.5 51.4 77.2

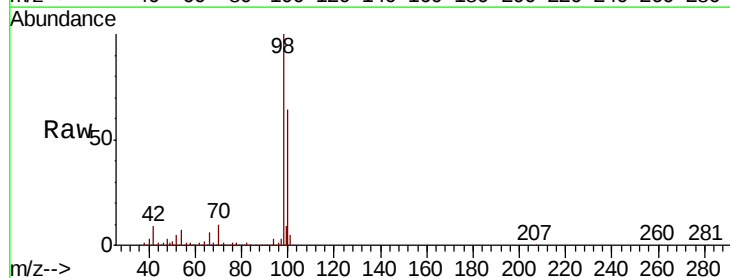


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

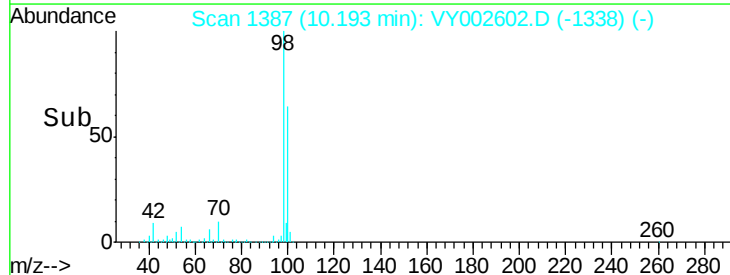
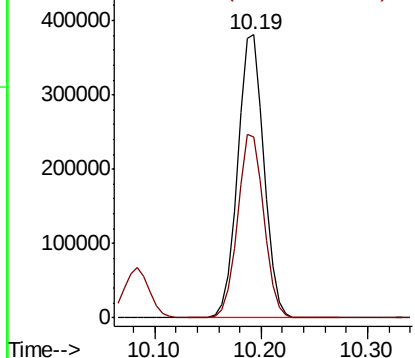


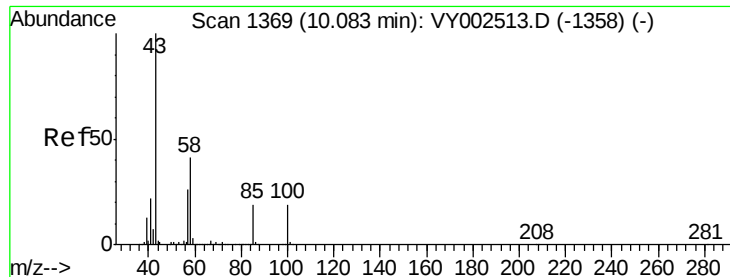
#50
 Toluene-d8
 Concen: 52.663 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 98 Resp: 657641
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.2



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

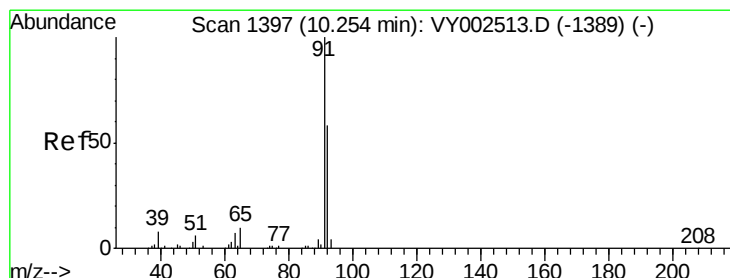
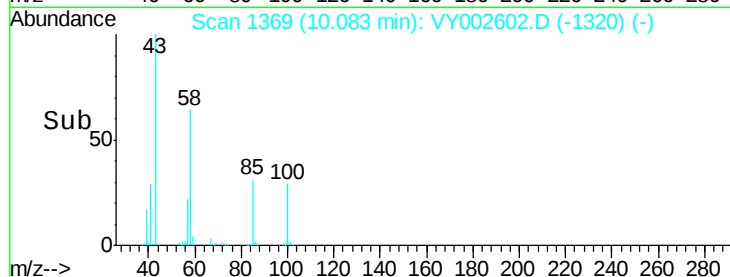
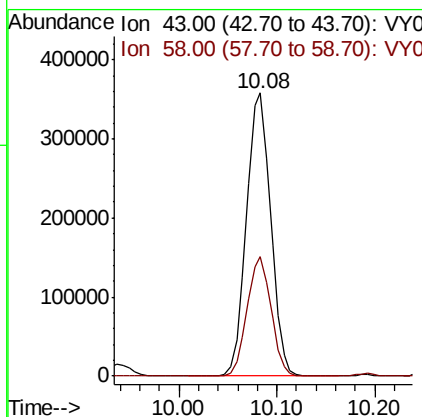
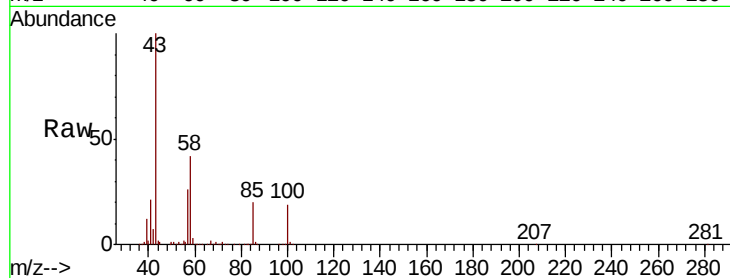




#51
 4-Methyl-2-Pentanone
 Concen: 265.339 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

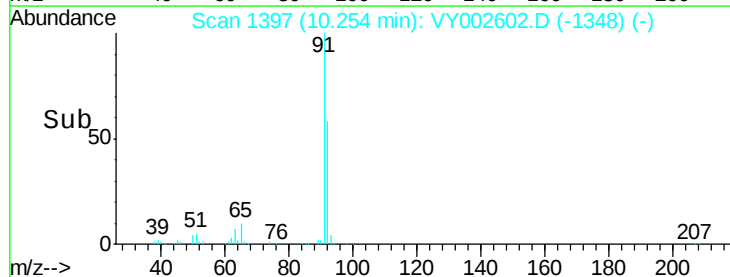
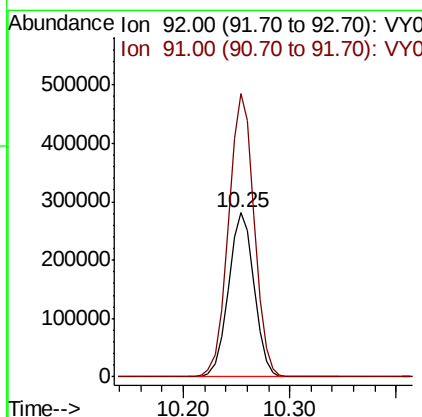
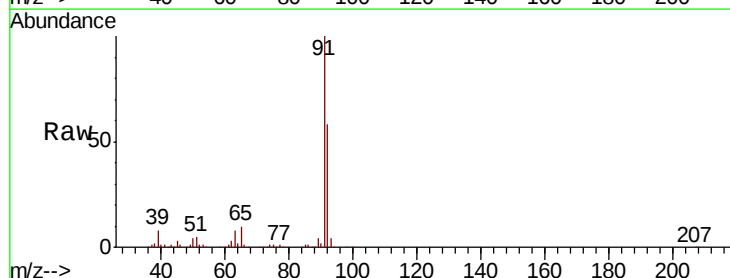
Instrument :
 MSVOA_Y
 ClientSampled :

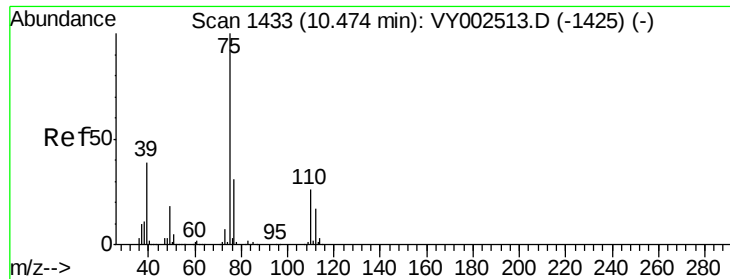
Tot Ion: 43 Resp: 617594
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8



#52
 Toluene
 Concen: 54.438 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 92 Resp: 473648
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 53.874 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

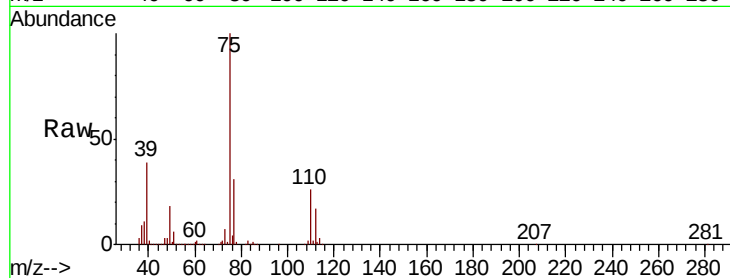
ClientSampleId :

Tot Ion: 75 Resp: 258024

Ion Ratio Lower Upper

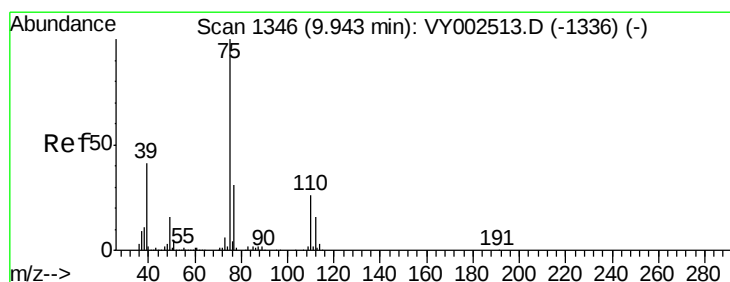
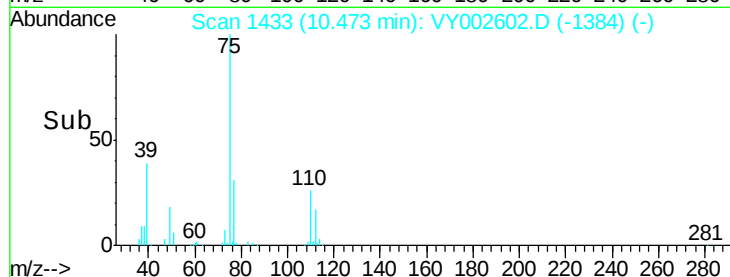
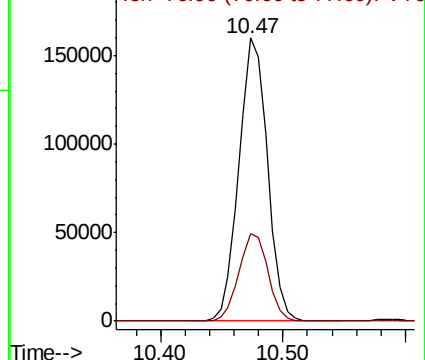
75 100

77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 54.475 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

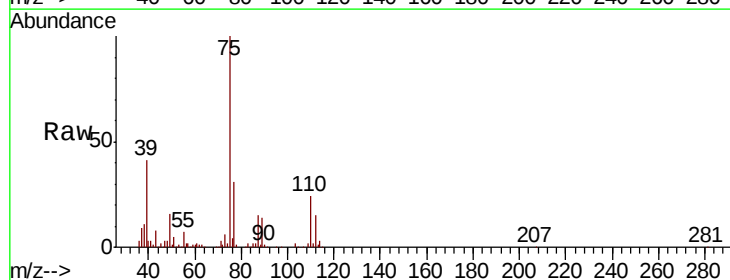
Tgt Ion: 75 Resp: 301615

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

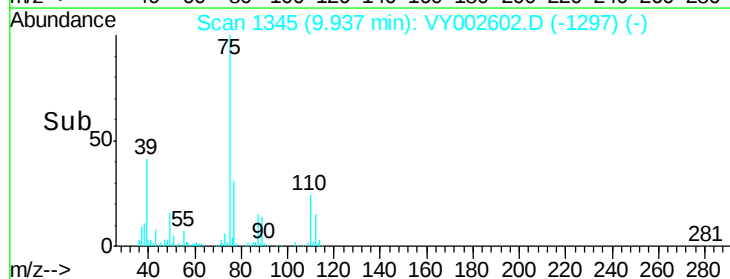
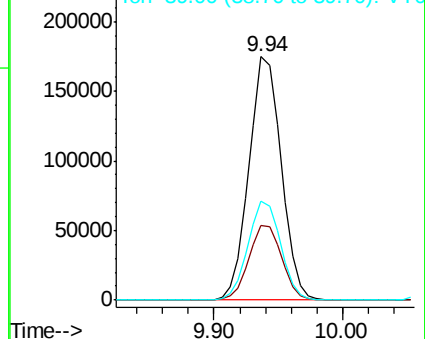
39 40.5 32.7 49.1

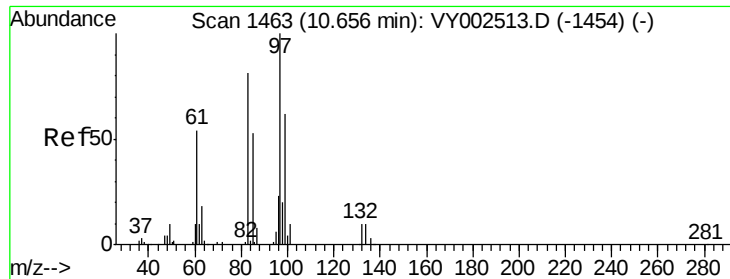


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 52.490 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

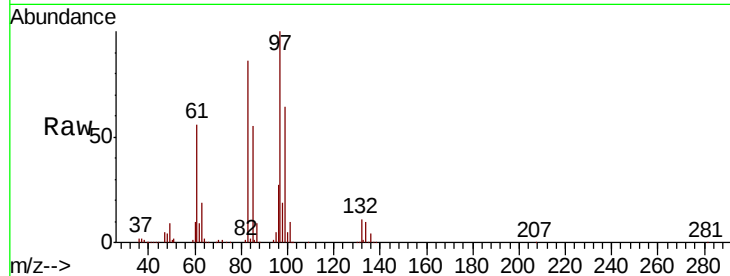
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 143900

Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.1	97.7
85	54.9	42.7	64.1
99	64.2	50.0	75.0

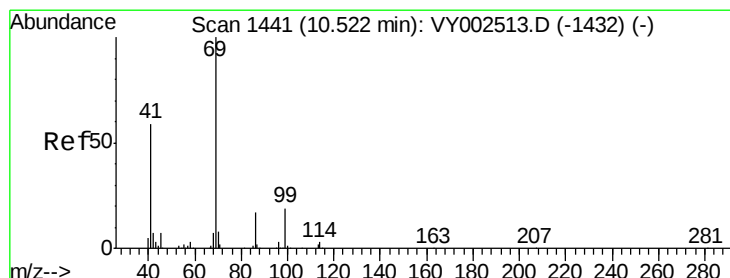
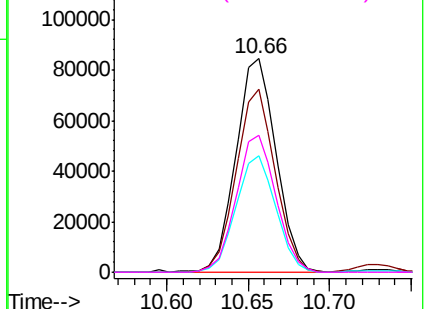
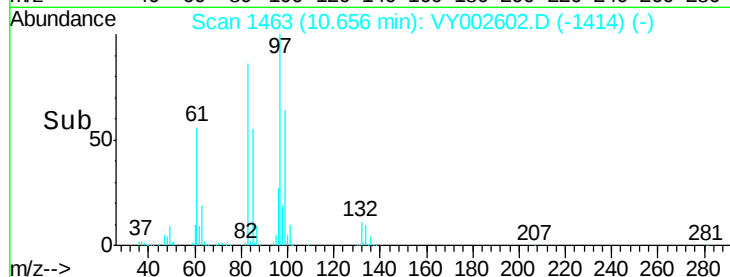


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.562 ug/l

RT: 10.52 min Scan# 1441

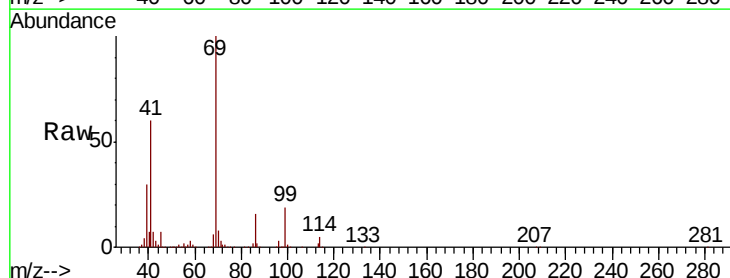
Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion: 69 Resp: 198988

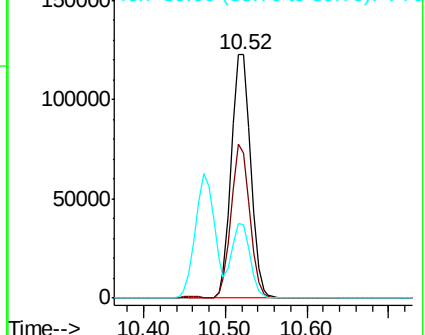
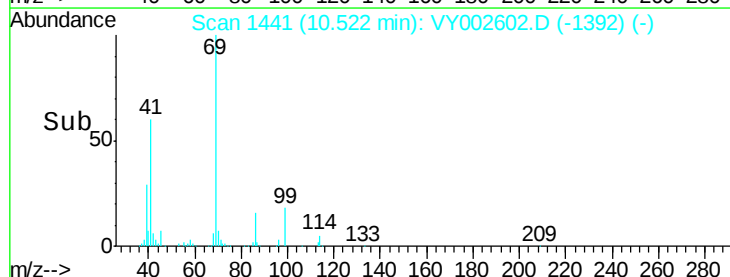
Ion	Ratio	Lower	Upper
69	100		
41	60.2	48.6	73.0
39	29.1	25.0	37.4

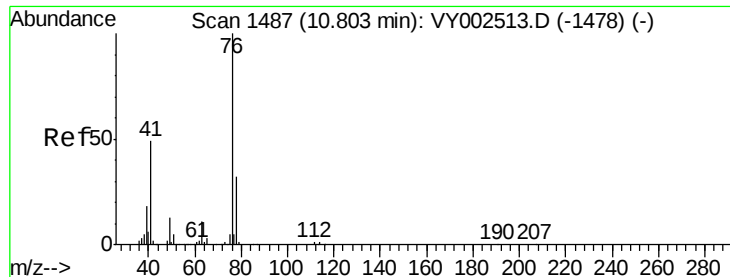


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.206 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

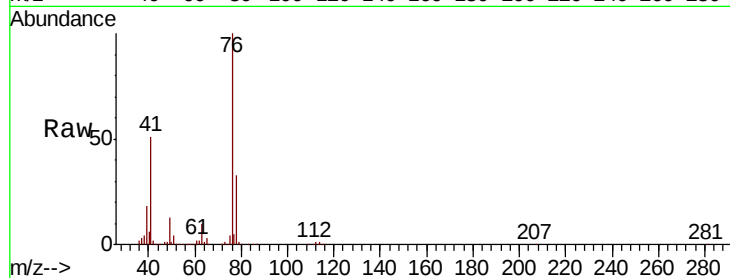
ClientSampleId :

Tot Ion: 76 Resp: 242709

Ion Ratio Lower Upper

76 100

78 33.1 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

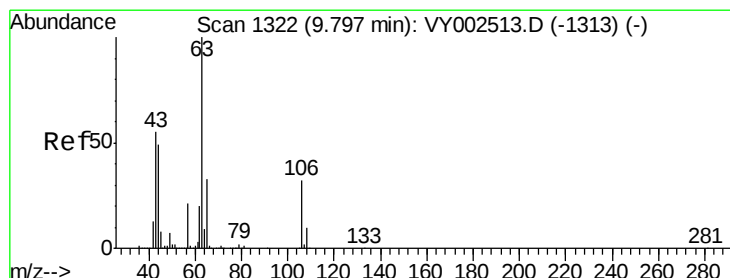
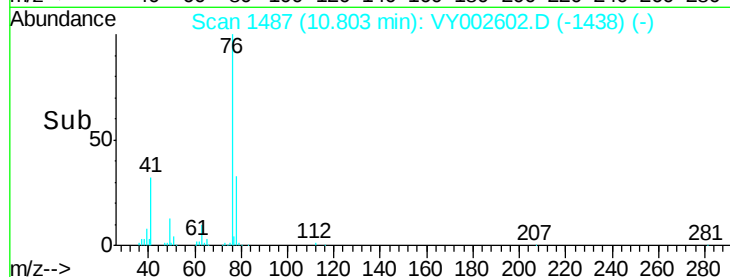
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 256.148 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002602.D

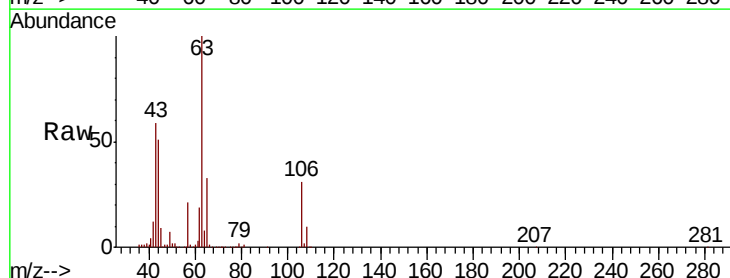
Acq: 06 May 2020 09:52

Tgt Ion: 63 Resp: 492635

Ion Ratio Lower Upper

63 100

106 30.7 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

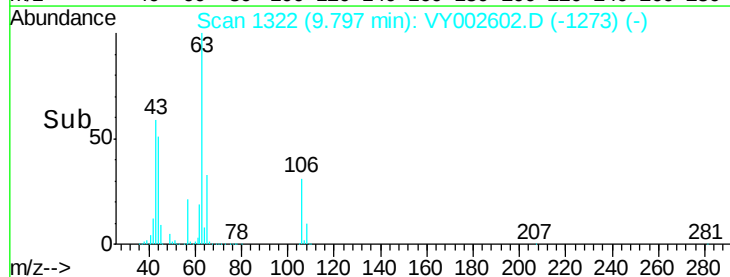
300000

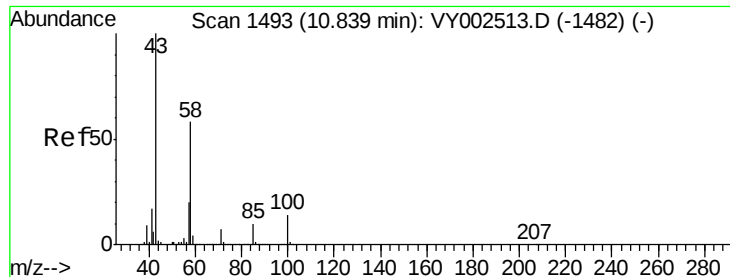
200000

100000

0

Time--> 9.70 9.80 9.90

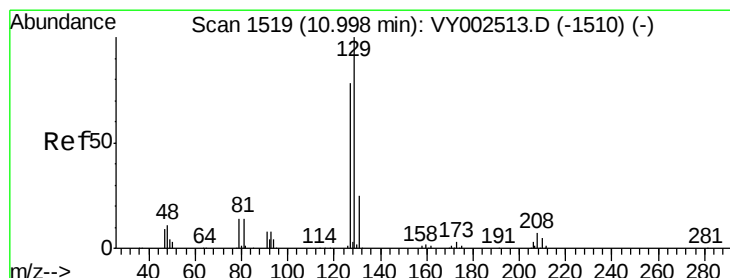
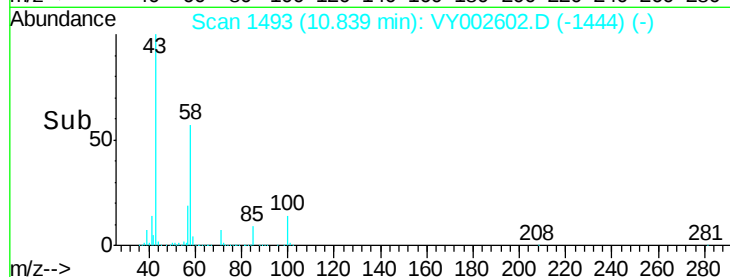
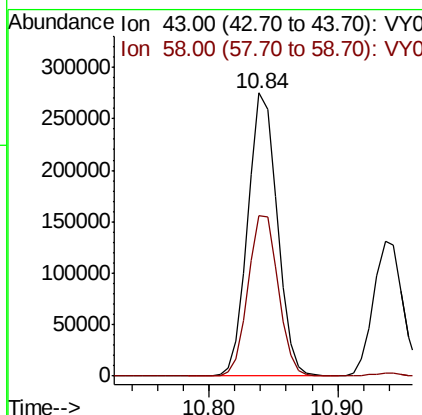
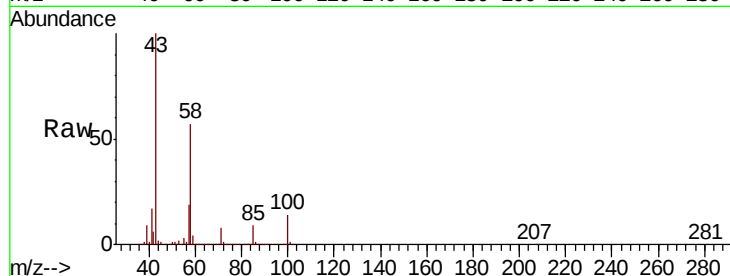




#59
2-Hexanone
Concen: 269.421 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

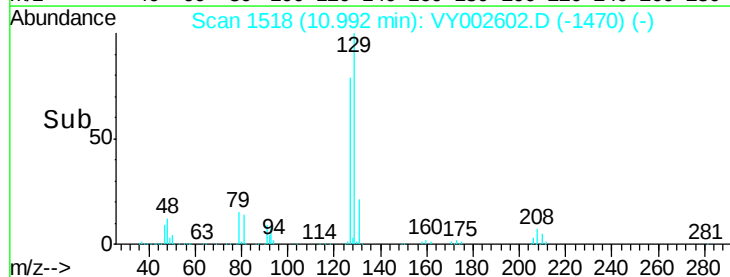
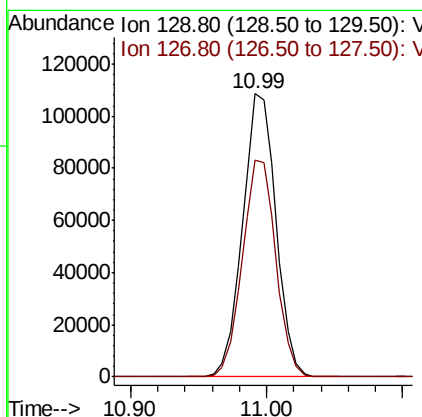
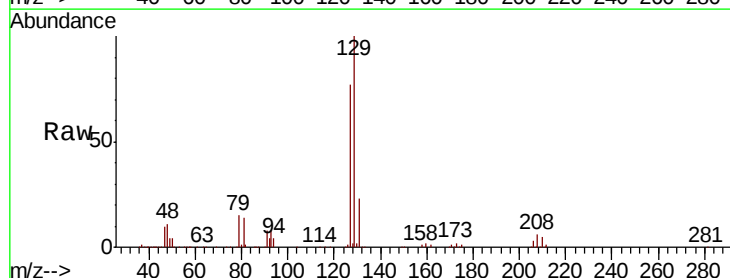
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 431611
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.3



#60
Dibromochloromethane
Concen: 53.338 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 129 Resp: 185977
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

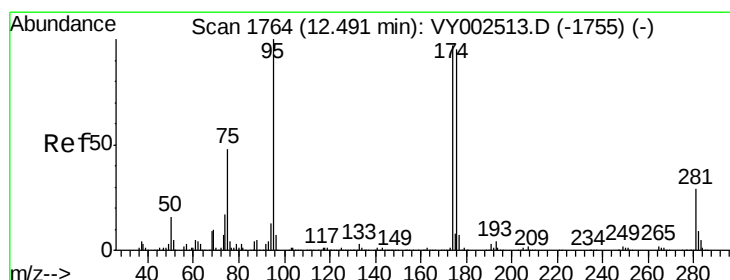
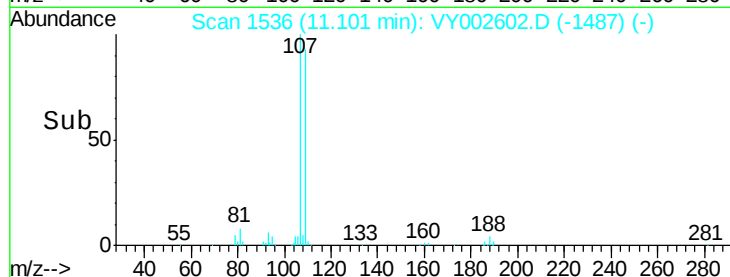
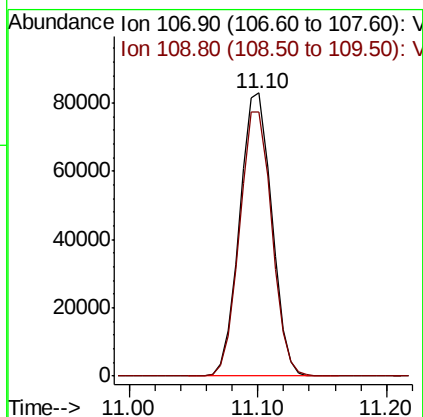
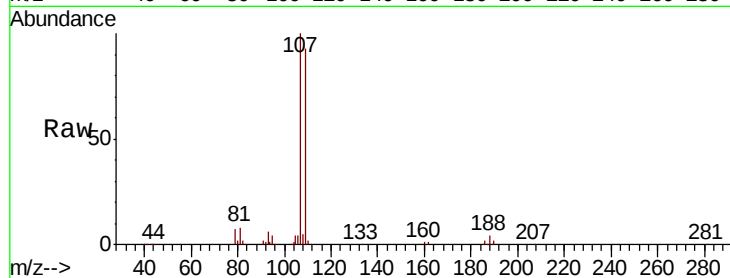




#61
 1,2-Dibromoethane
 Concen: 52.589 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

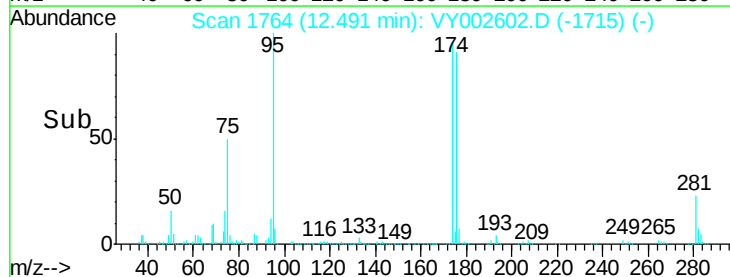
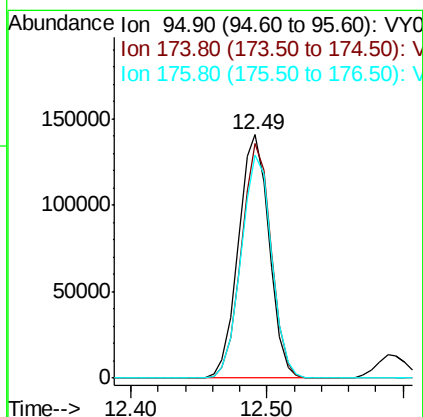
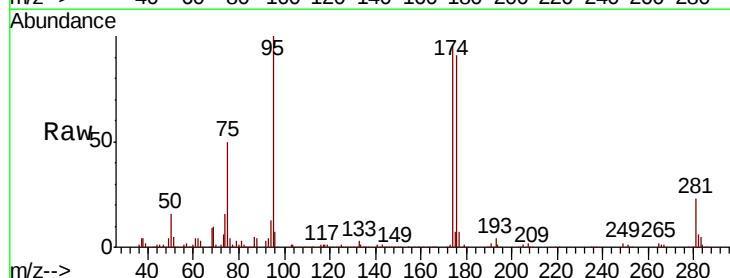
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 142753
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.200 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 95 Resp: 221193
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 188.8
 176 91.3 0.0 183.2

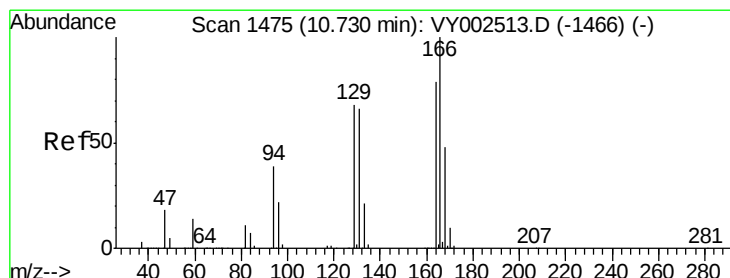
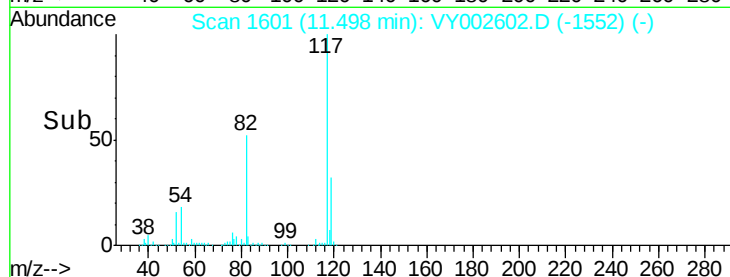
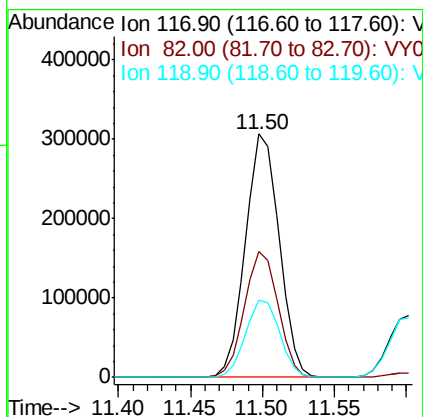
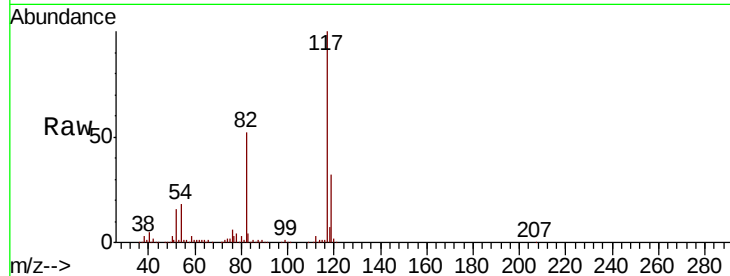




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

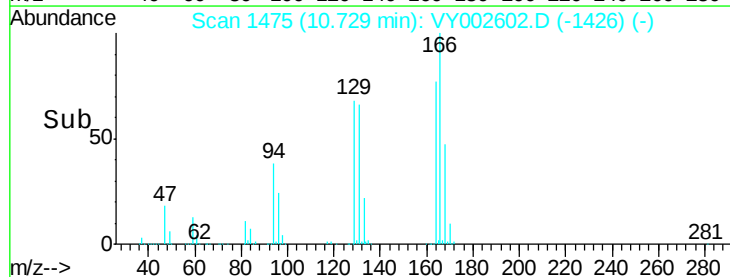
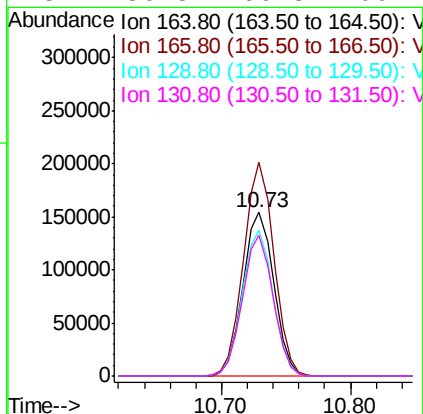
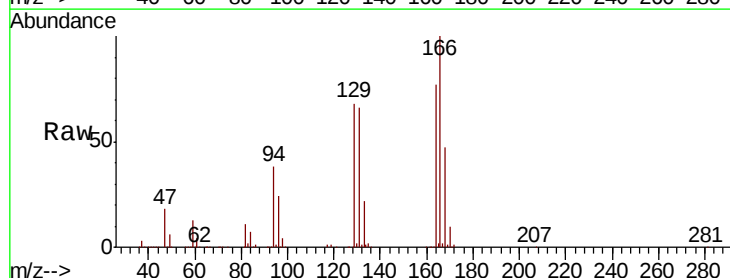
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 498240
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 57.554 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion:164 Resp: 254784
Ion Ratio Lower Upper
164 100
166 130.7 100.7 151.1
129 89.4 68.3 102.5
131 86.3 66.8 100.2





#65

Chlorobenzene

Concen: 54.059 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

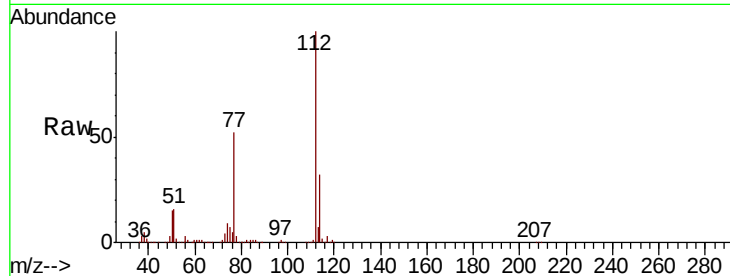
ClientSampleId :

Tot Ion:112 Resp: 512025

Ion Ratio Lower Upper

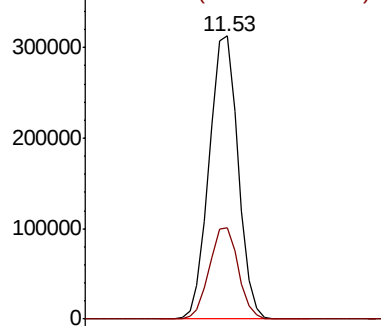
112 100

114 32.5 25.8 38.6

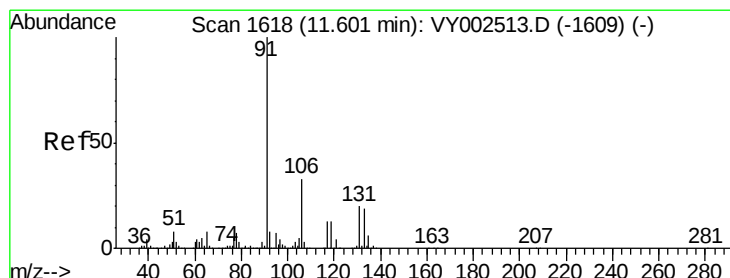
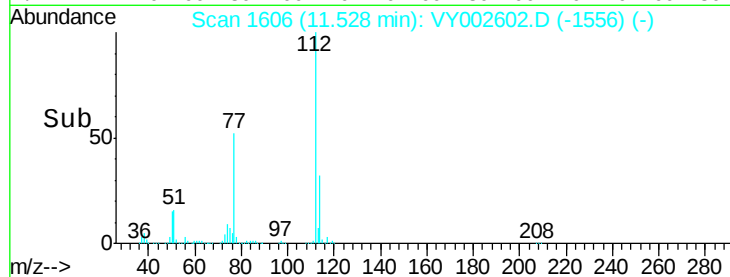


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.760 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

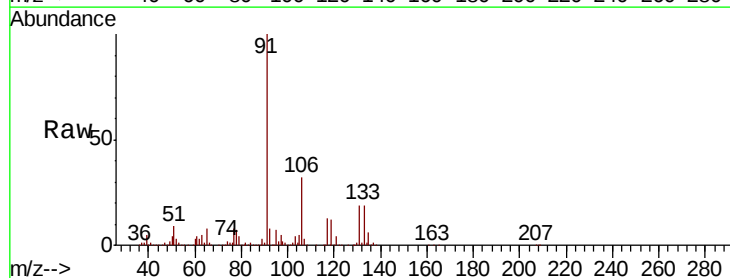
Tgt Ion:131 Resp: 192530

Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

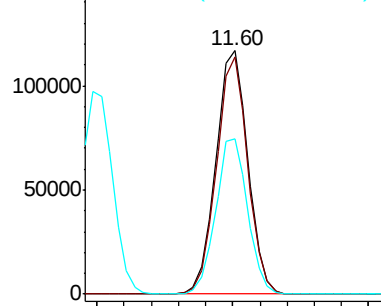
119 63.7 31.6 95.0



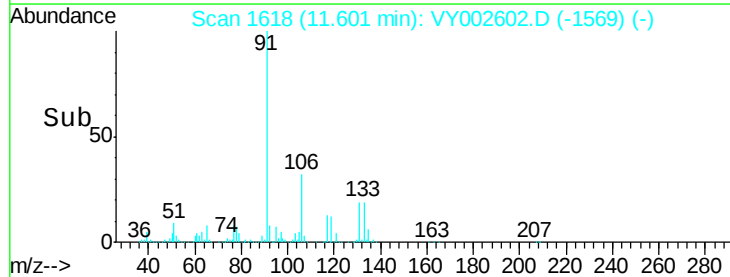
Abundance Ion 130.80 (130.50 to 131.50): V

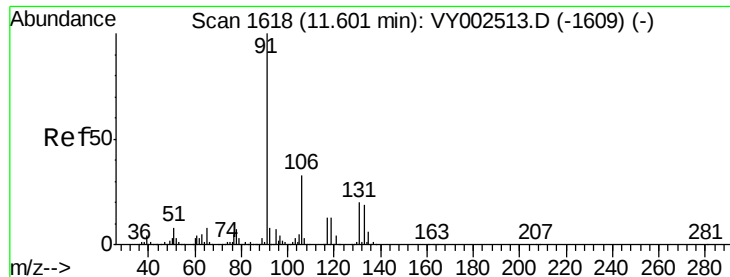
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 55.031 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

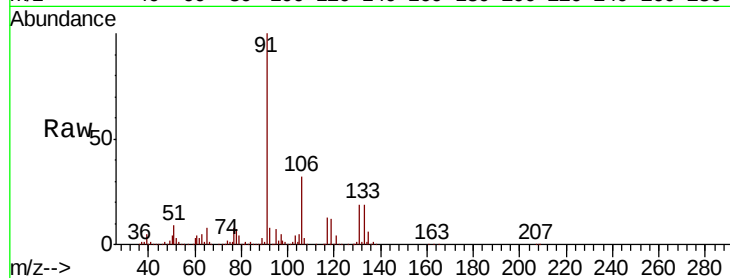
ClientSampled :

Tot Ion: 91 Resp: 915573

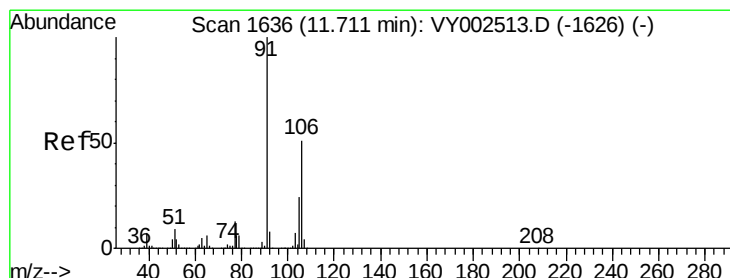
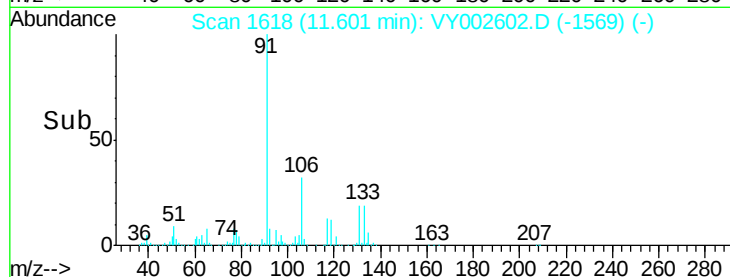
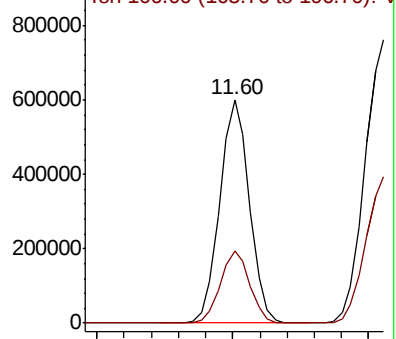
Ion Ratio Lower Upper

91 100

106 32.1 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1609) (-)



#68

m/p-Xylenes

Concen: 109.592 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002602.D

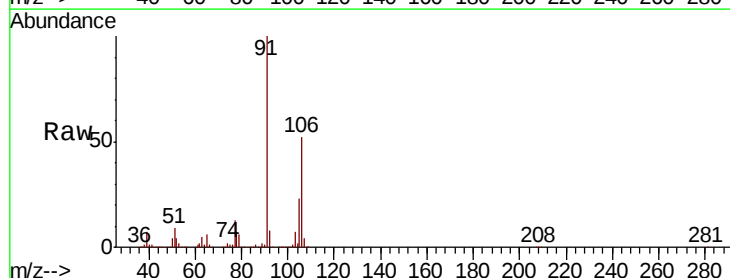
Acq: 06 May 2020 09:52

Tgt Ion: 106 Resp: 705486

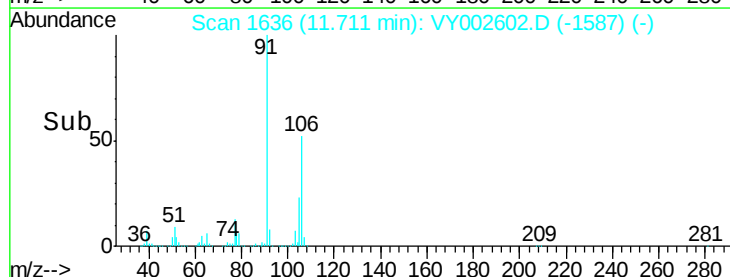
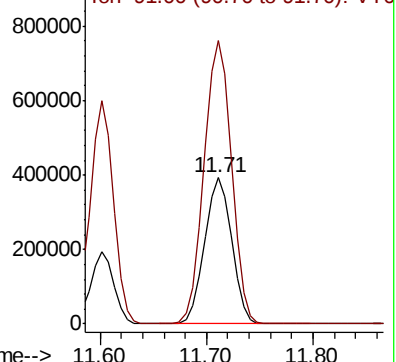
Ion Ratio Lower Upper

106 100

91 195.6 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VY002513.D (-1626) (-)

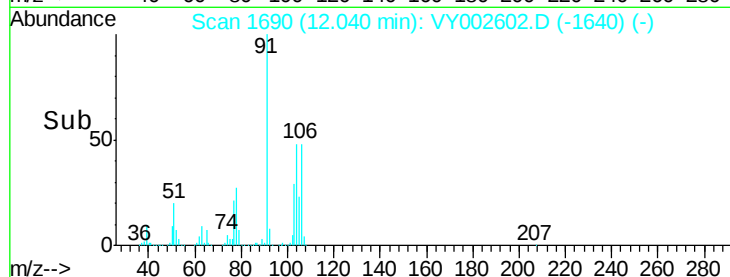
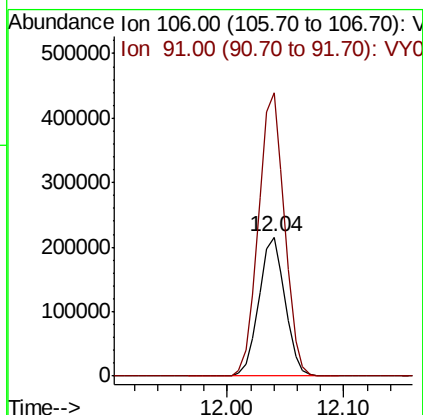
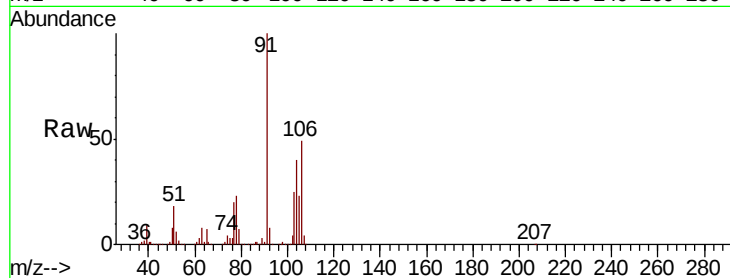




#69
o-Xylene
Concen: 55.500 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

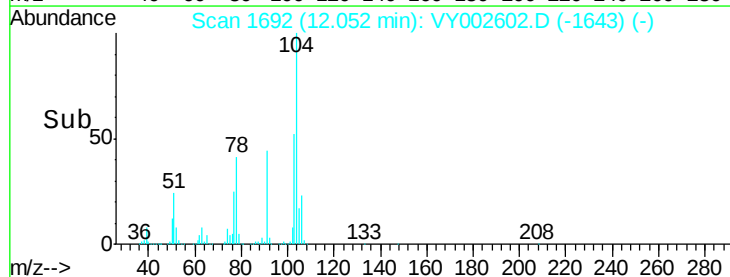
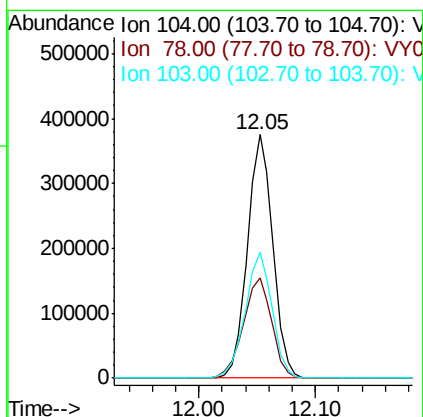
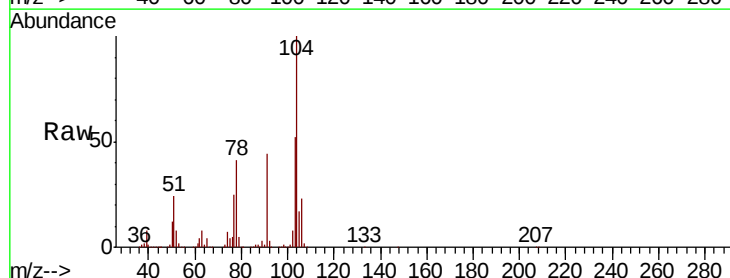
Instrument :
MSVOA_Y
ClientSampled :

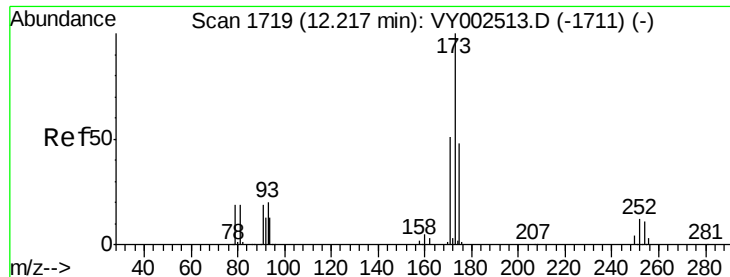
Tot Ion:106 Resp: 334524
Ion Ratio Lower Upper
106 100
91 203.6 103.8 311.3



#70
Styrene
Concen: 55.318 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion:104 Resp: 569996
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 55.1 43.9 65.9





#71

Bromoform

Concen: 54.525 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampled :

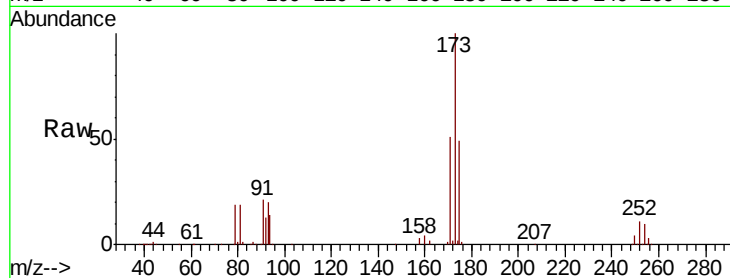
Tot Ion:173 Resp: 118984

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

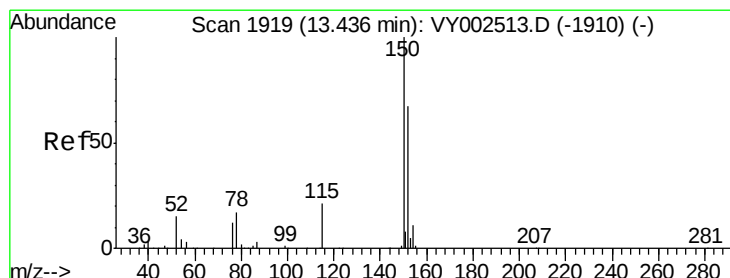
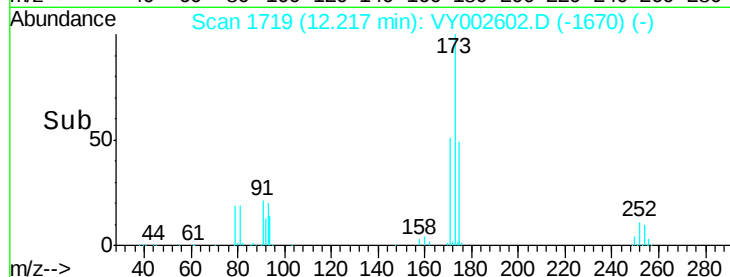
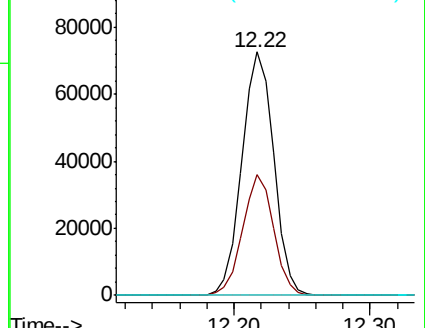
254 0.1 0.2 0.2#



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: VY002602.D

Acq: 06 May 2020 09:52

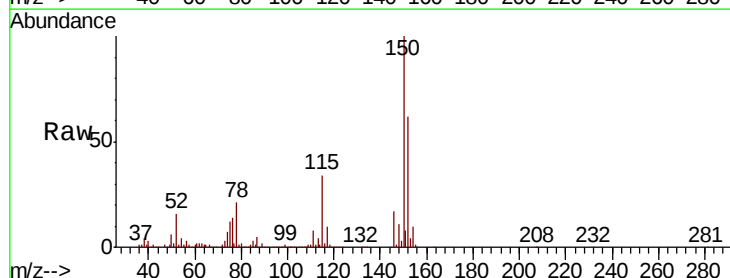
Tgt Ion:152 Resp: 252731

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

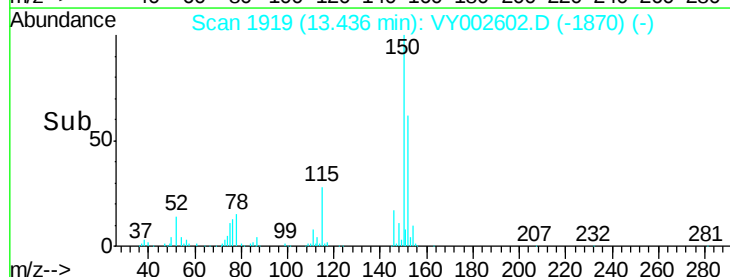
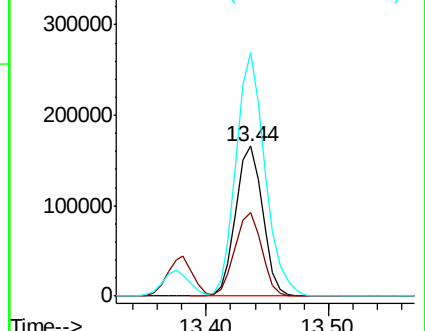
150 174.0 0.0 346.4

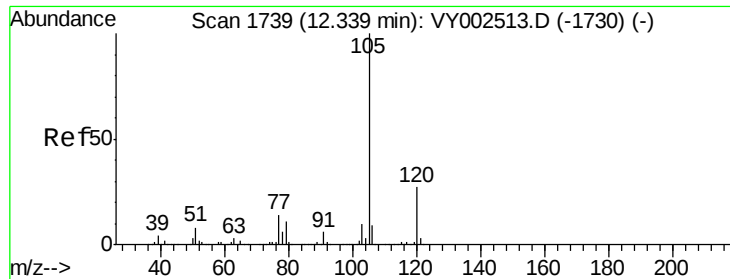


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

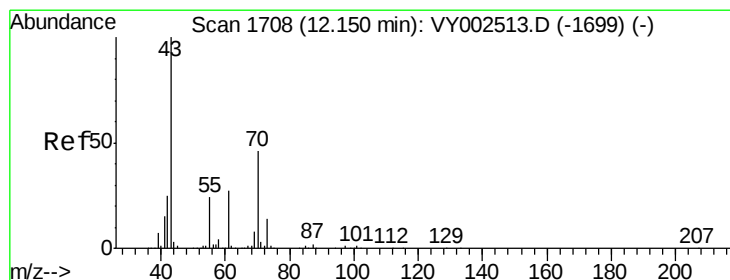
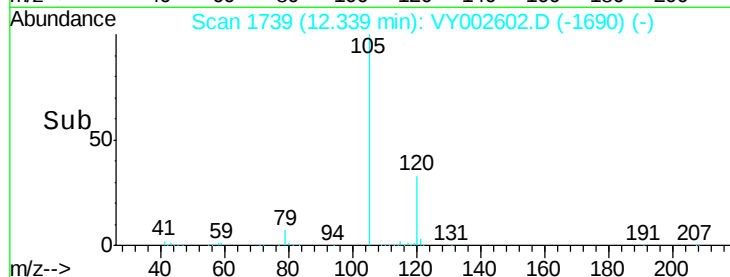
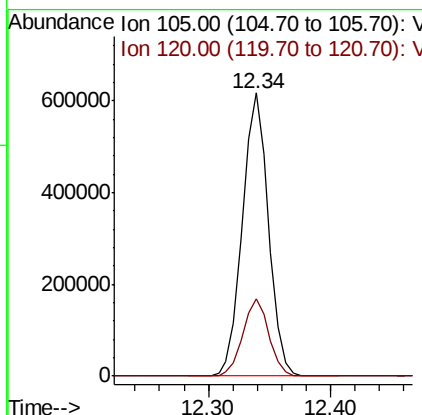
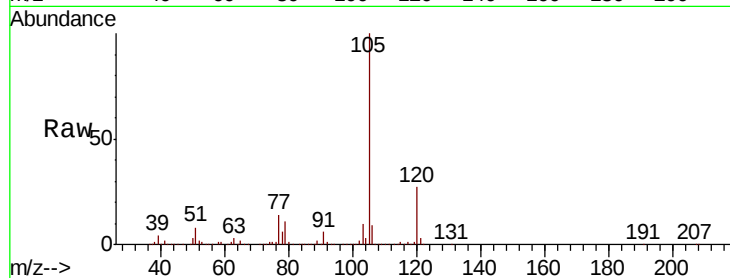




#73
Isopropylbenzene
Concen: 55.498 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

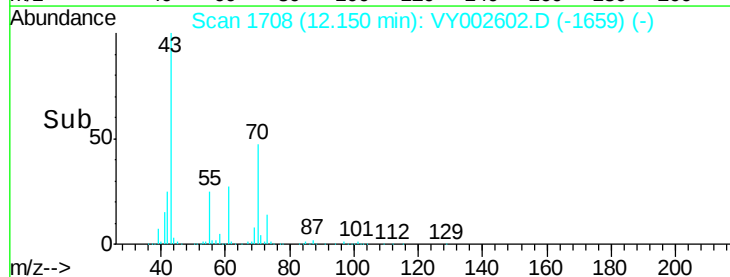
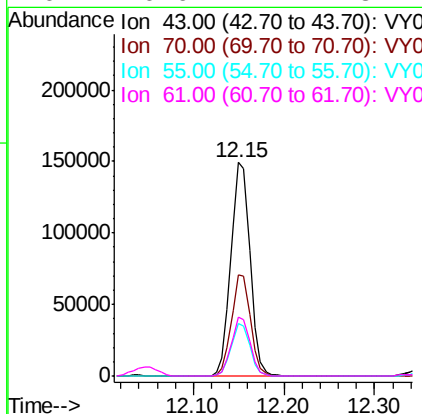
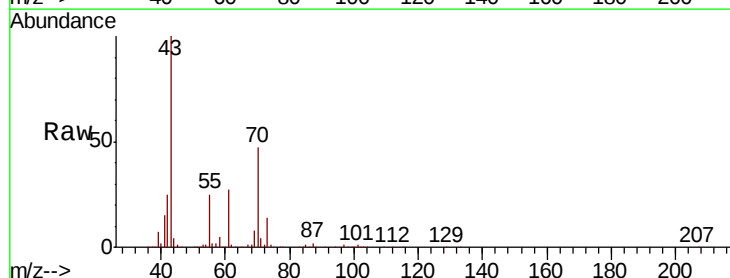
Instrument :
MSVOA_Y
ClientSampleId :

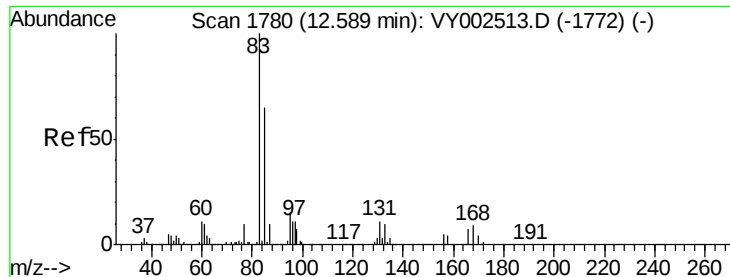
Tot Ion:105 Resp: 909023
Ion Ratio Lower Upper
105 100
120 27.3 13.8 41.3



#74
N-ethyl acetate
Concen: 55.848 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion: 43 Resp: 220047
Ion Ratio Lower Upper
43 100
70 46.8 36.7 55.1
55 24.3 19.2 28.8
61 26.6 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.780 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampled :

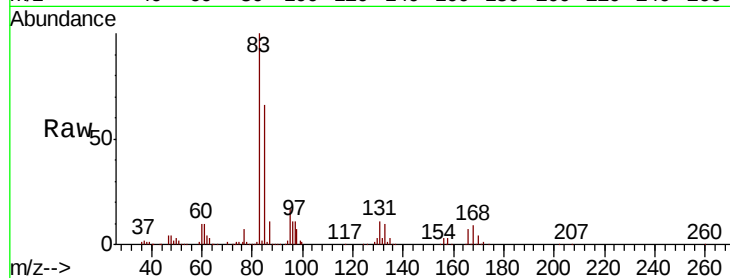
Tot Ion: 83 Resp: 132278

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

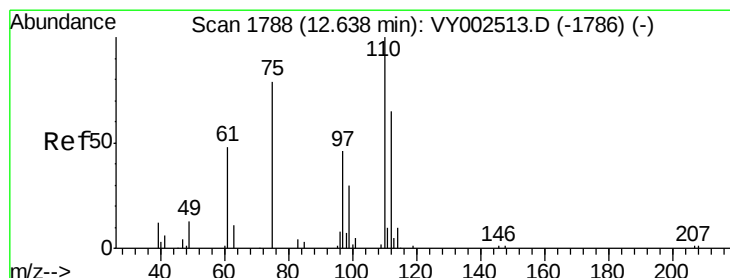
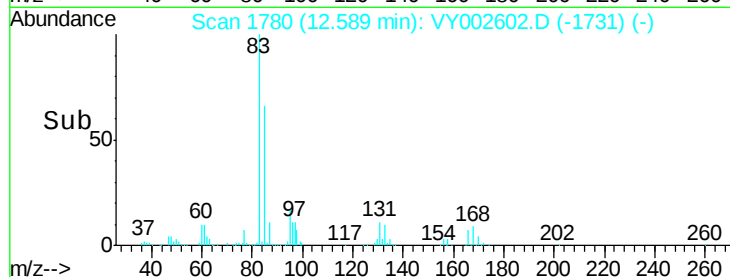
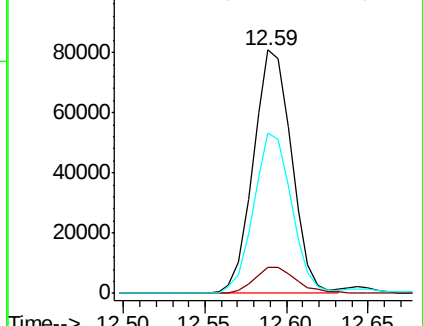
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 95.480 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002602.D

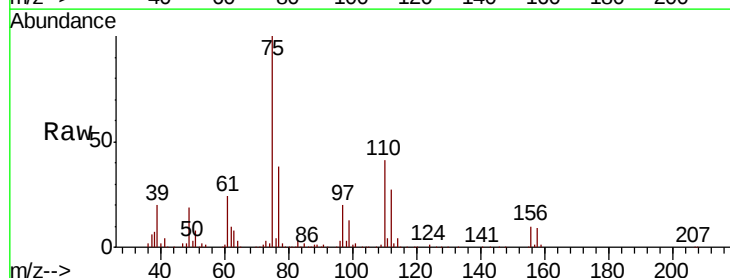
Acq: 06 May 2020 09:52

Tgt Ion: 75 Resp: 214442

Ion Ratio Lower Upper

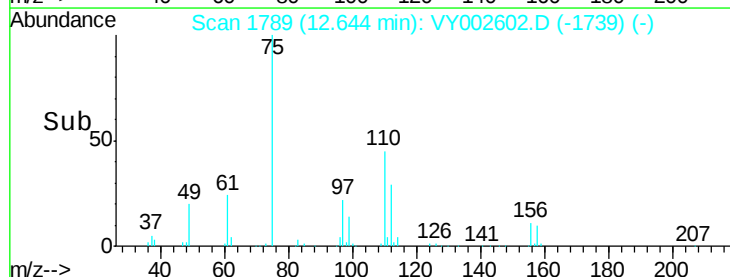
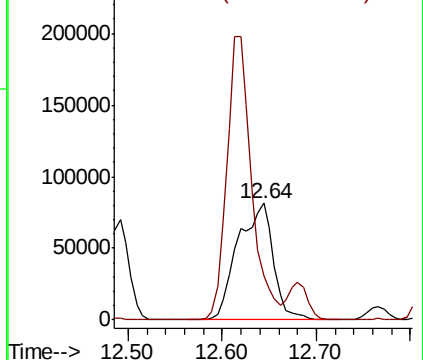
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.580 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

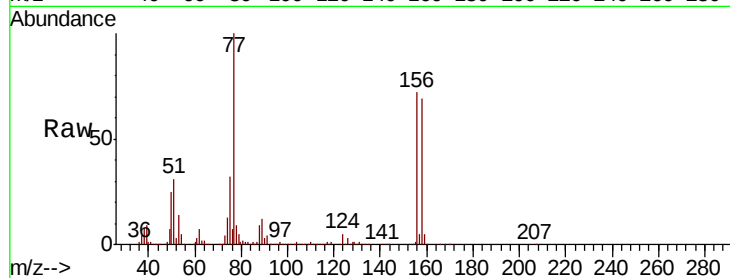
Tot Ion:156 Resp: 223353

Ion Ratio Lower Upper

156 100

77 162.3 82.0 245.8

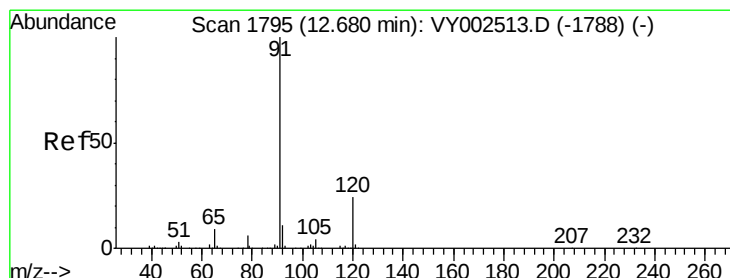
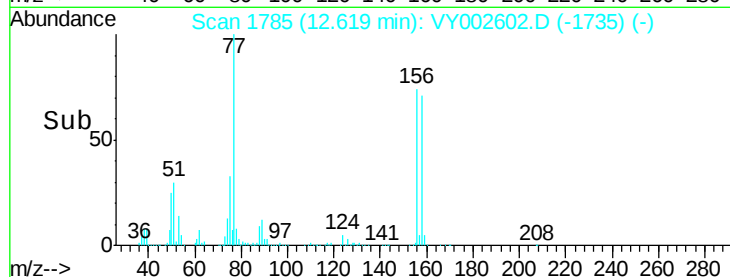
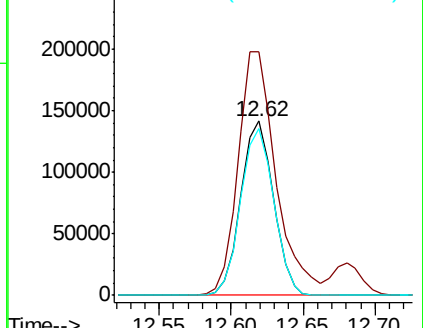
158 96.8 48.5 145.6



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



#78

n-propylbenzene

Concen: 55.768 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002602.D

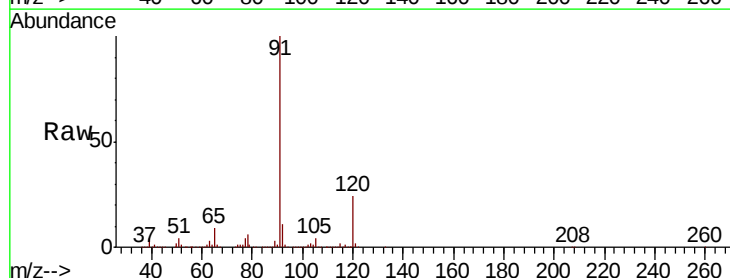
Acq: 06 May 2020 09:52

Tgt Ion: 91 Resp: 1060044

Ion Ratio Lower Upper

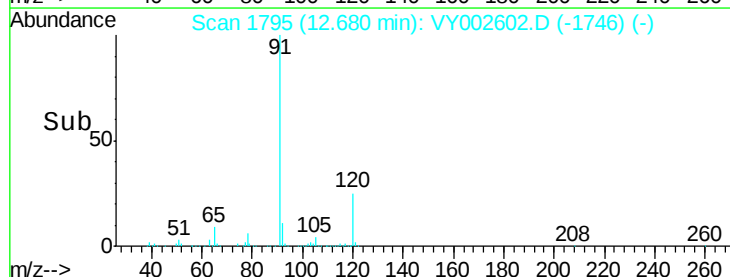
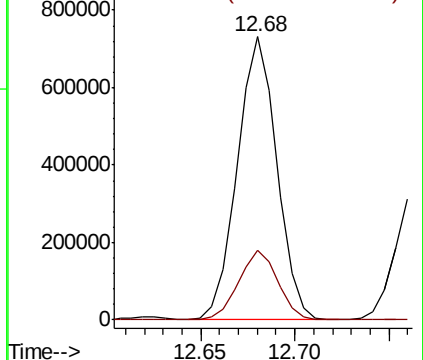
91 100

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

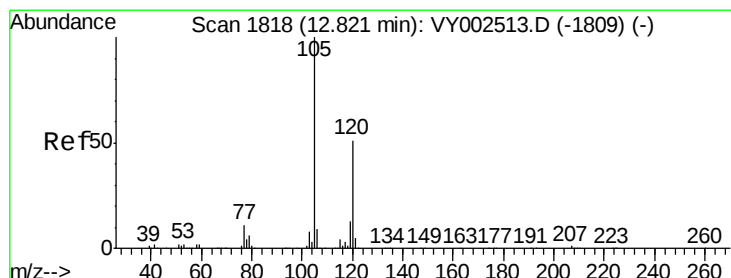
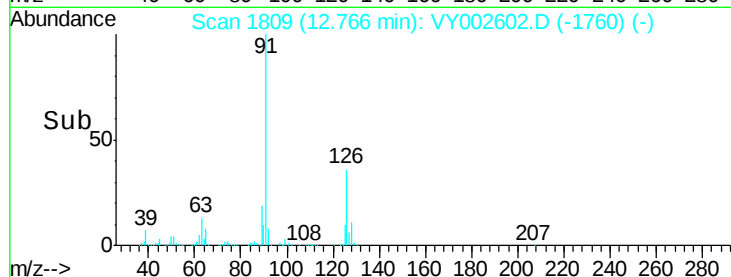
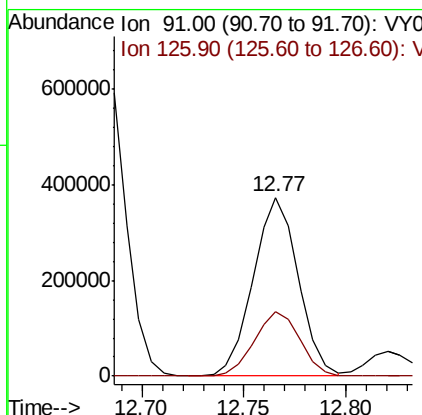
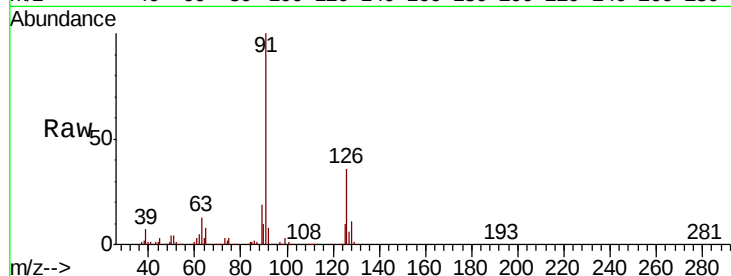




#79
 2-Chlorotoluene
 Concen: 54.531 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

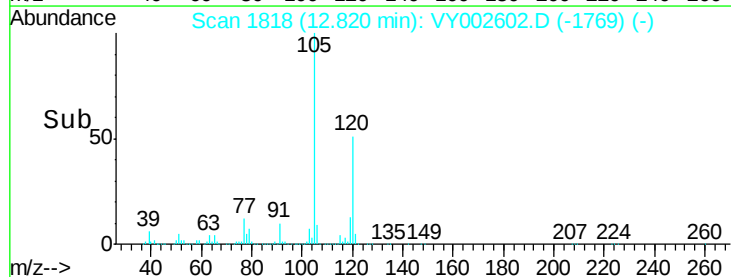
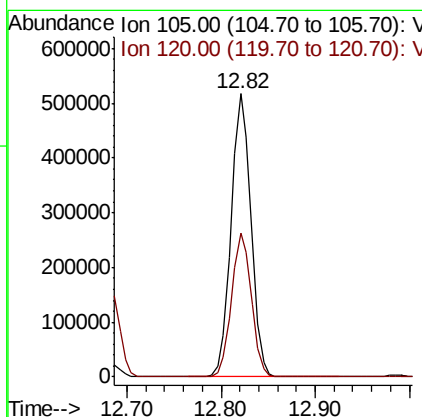
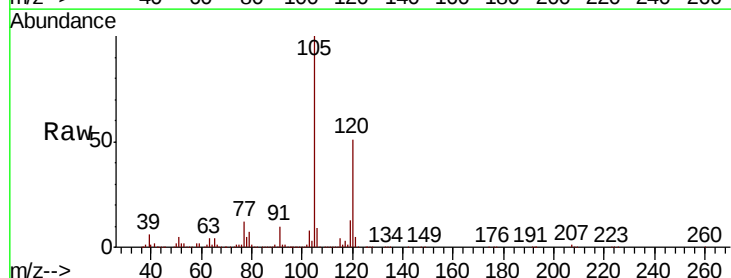
Instrument :
 MSVOA_Y
 ClientSampleId :

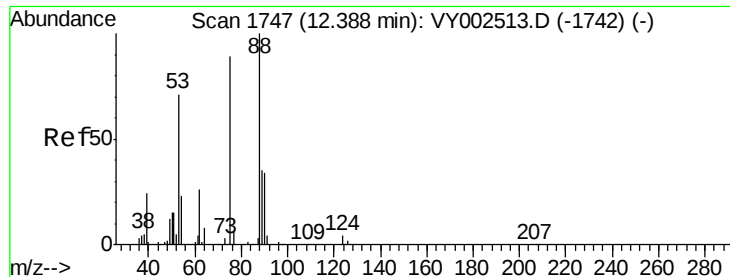
Tot Ion: 91 Resp: 574154
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 55.486 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 105 Resp: 753353
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 54.942 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

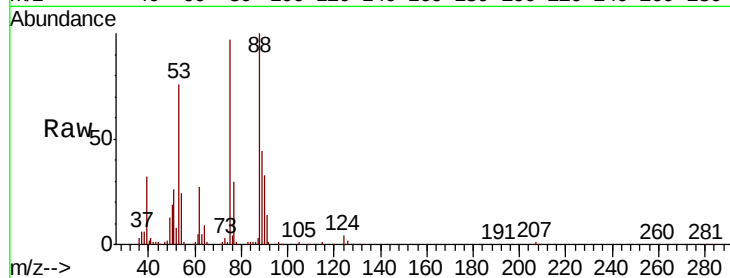
Tot Ion: 75 Resp: 61538

Ion Ratio Lower Upper

75 100

53 81.6 67.4 101.0

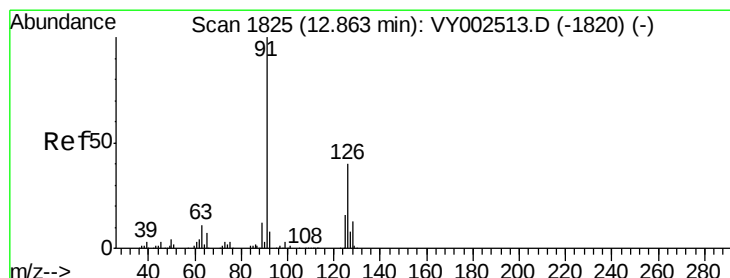
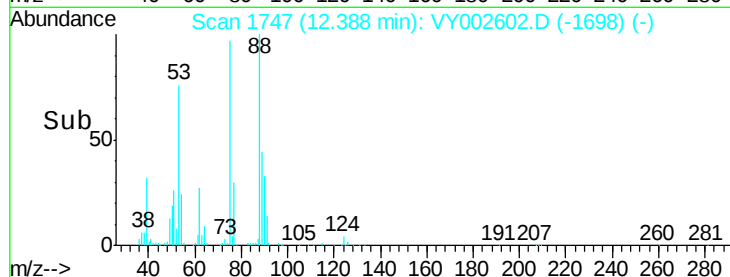
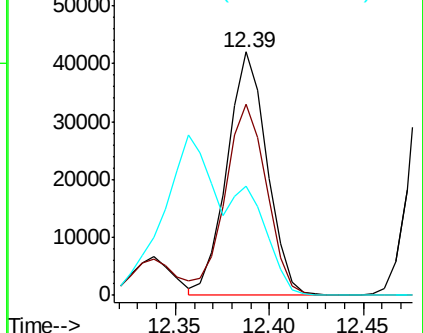
89 0.0 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 54.332 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002602.D

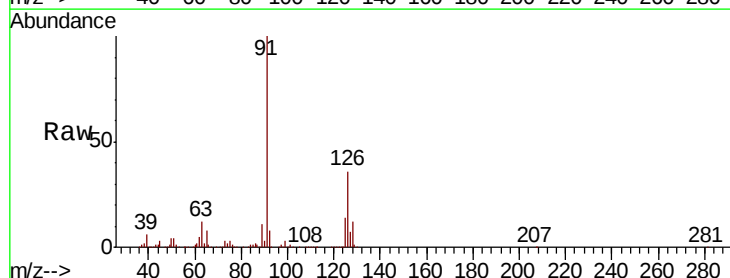
Acq: 06 May 2020 09:52

Tgt Ion: 91 Resp: 600906

Ion Ratio Lower Upper

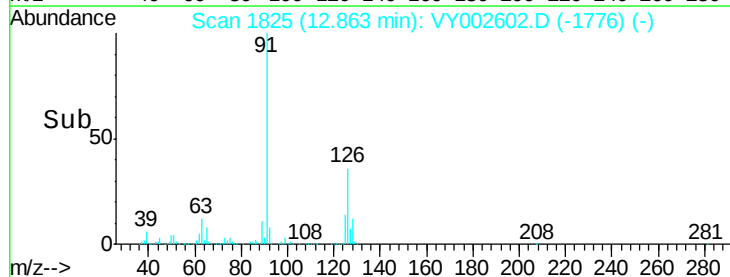
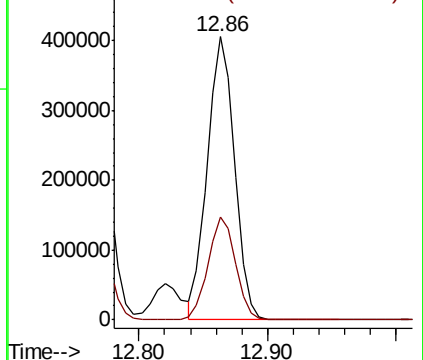
91 100

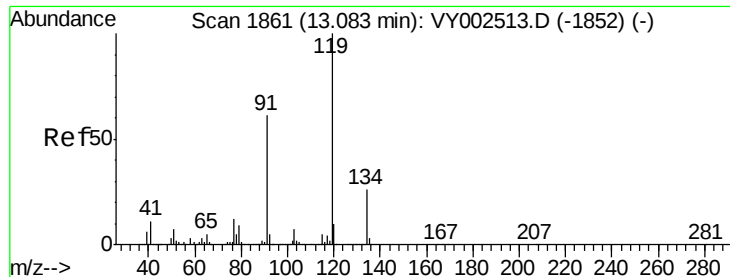
126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 56.211 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

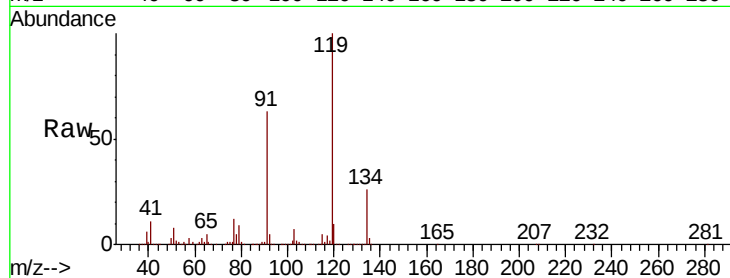
Tot Ion:119 Resp: 669183

Ion Ratio Lower Upper

119 100

91 60.7 30.6 91.6

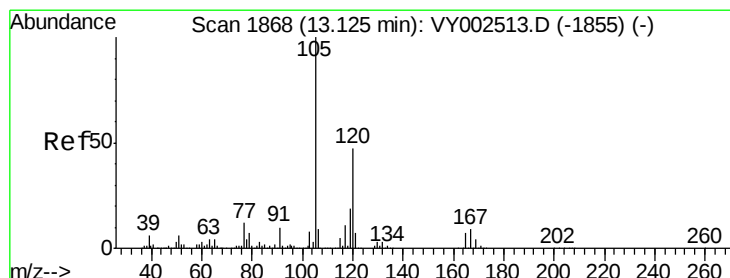
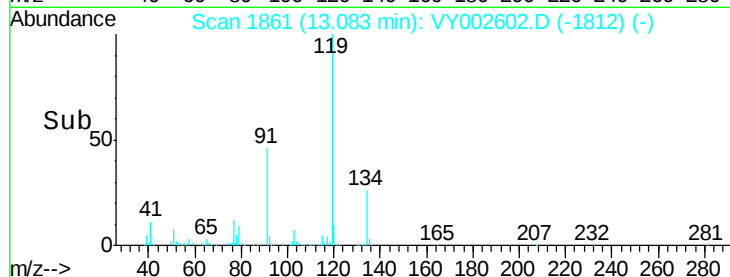
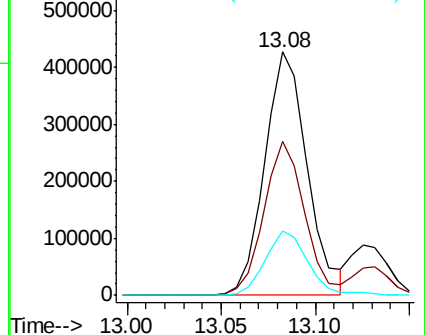
134 26.6 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.526 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002602.D

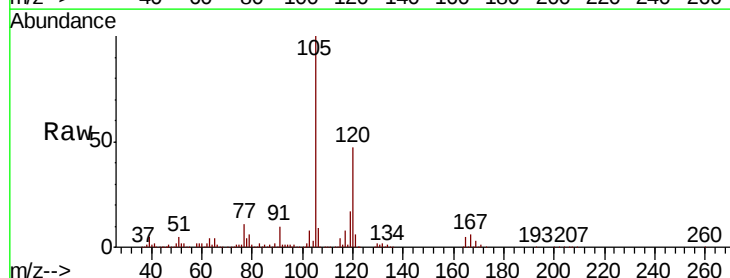
Acq: 06 May 2020 09:52

Tgt Ion:105 Resp: 751331

Ion Ratio Lower Upper

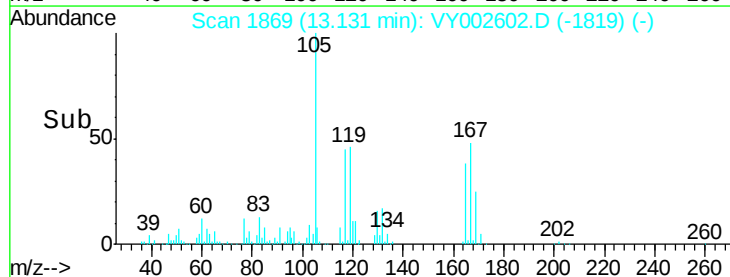
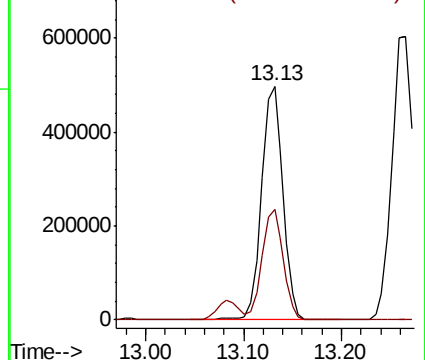
105 100

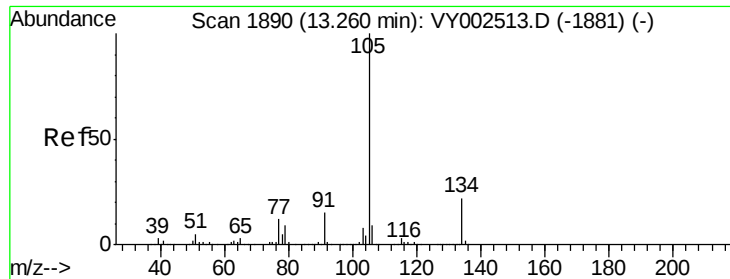
120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.820 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

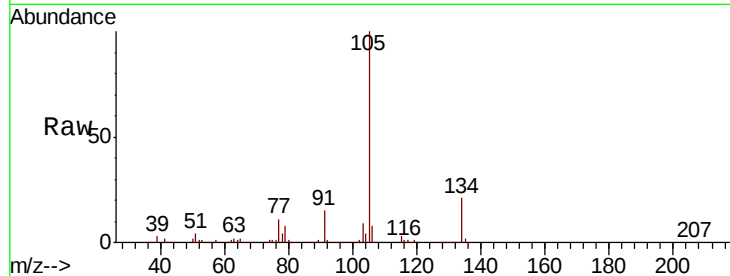
ClientSampleId :

Tot Ion:105 Resp: 922123

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

600000

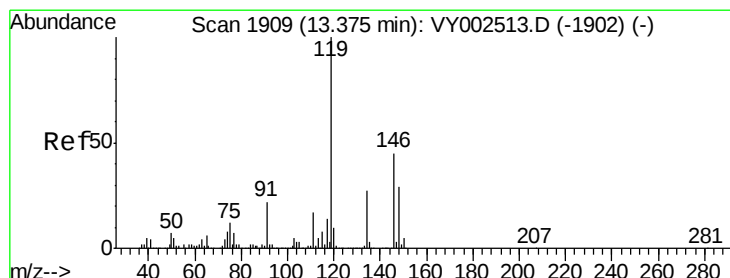
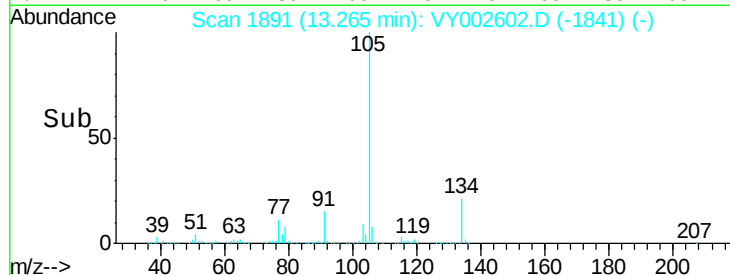
400000

200000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 55.647 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

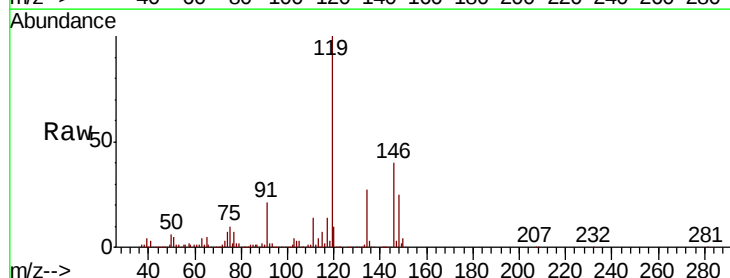
Tgt Ion:119 Resp: 861335

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.8 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

800000

600000

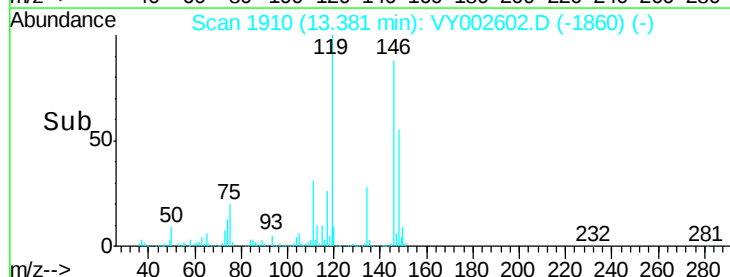
400000

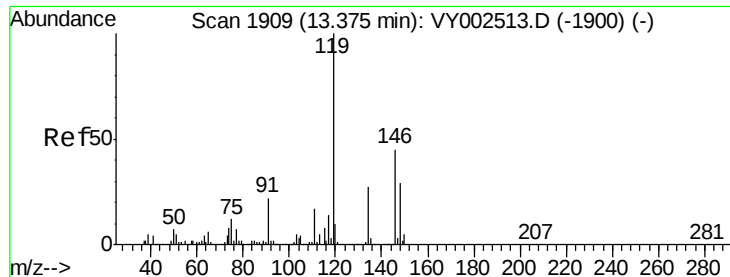
200000

0

Time-->

13.30 13.35 13.40 13.45

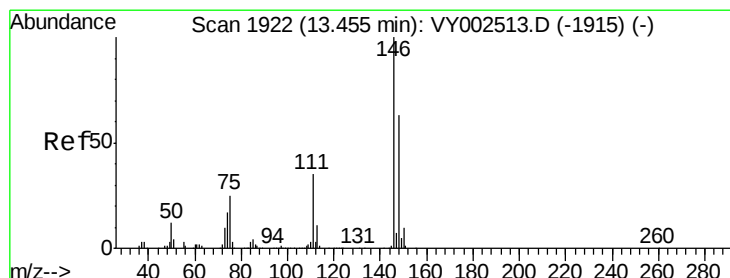
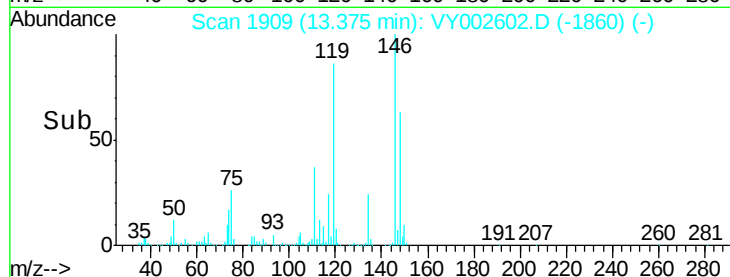
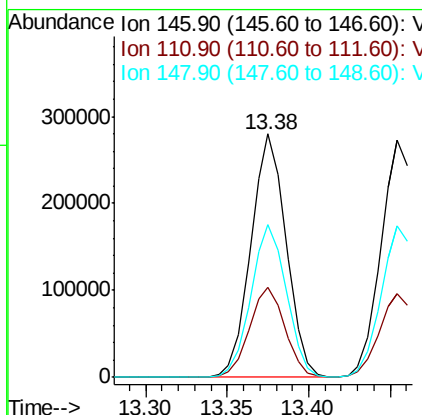
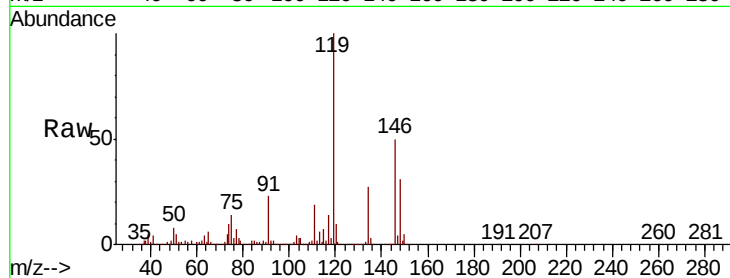




#87
 1,3-Dichlorobenzene
 Concen: 54.357 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

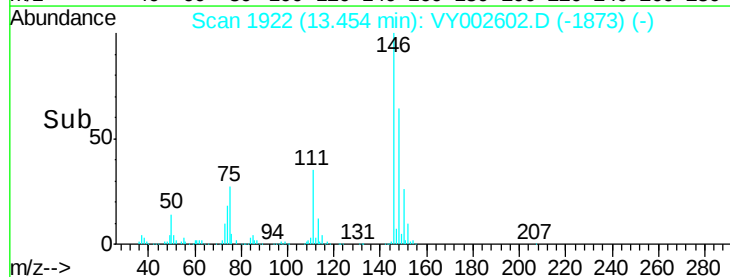
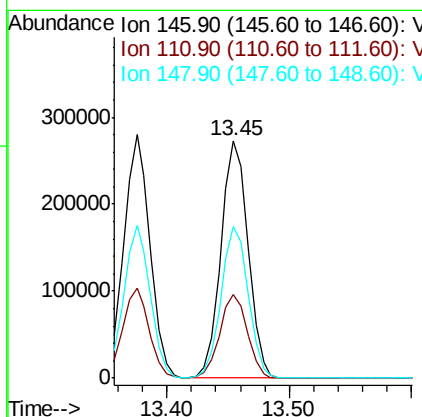
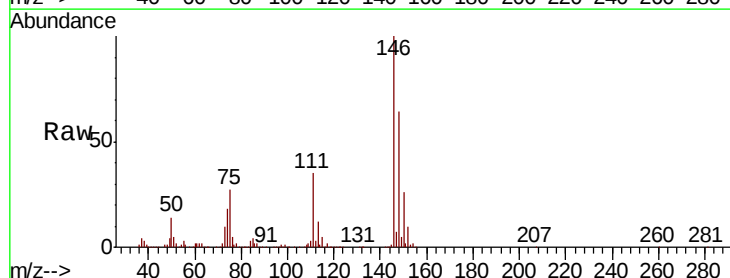
Instrument :
 MSVOA_Y
 ClientSampleId :

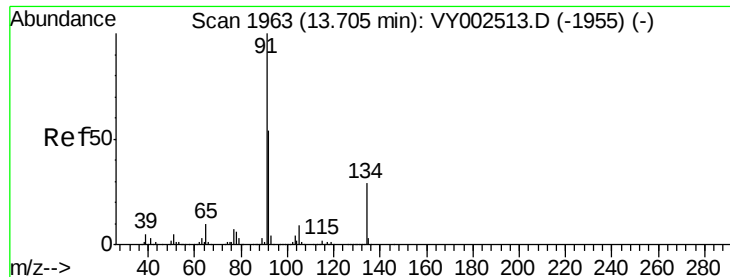
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.608 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.1
148	63.8	31.9	95.5





#89

n-Butylbenzene

Concen: 56.188 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

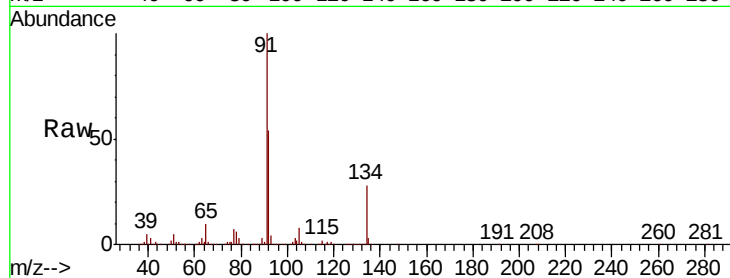
Tot Ion: 91 Resp: 791736

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.3

134 28.2 14.4 43.0

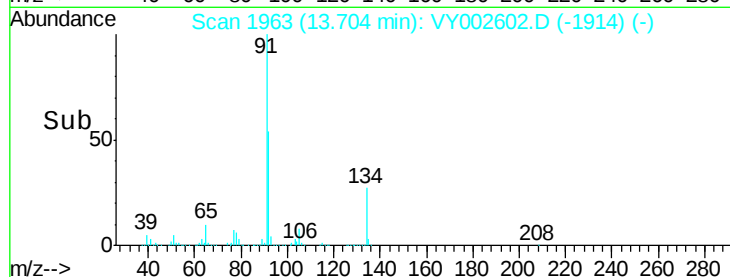


Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002513.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002513.D (-1955) (-)

Time-->

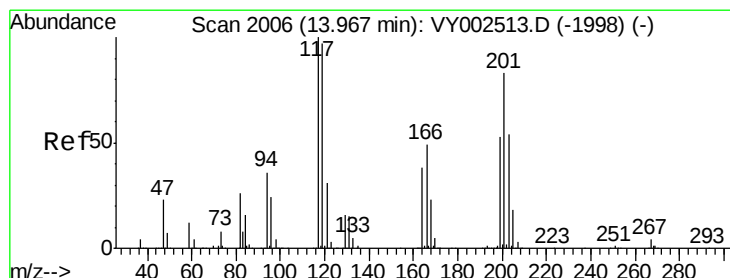


Abundance Ion 91.00 (90.70 to 91.70): VY002602.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002602.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002602.D (-1914) (-)

Time-->



#90

Hexachloroethane

Concen: 55.974 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002602.D

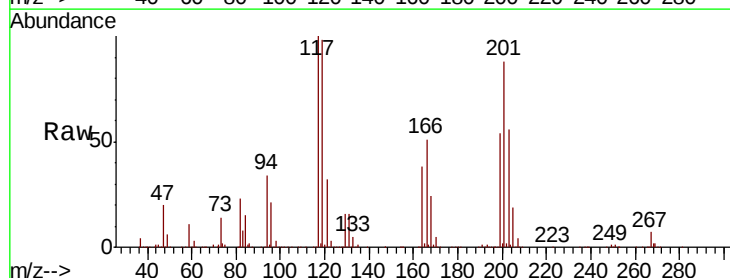
Acq: 06 May 2020 09:52

Tgt Ion: 117 Resp: 157780

Ion Ratio Lower Upper

117 100

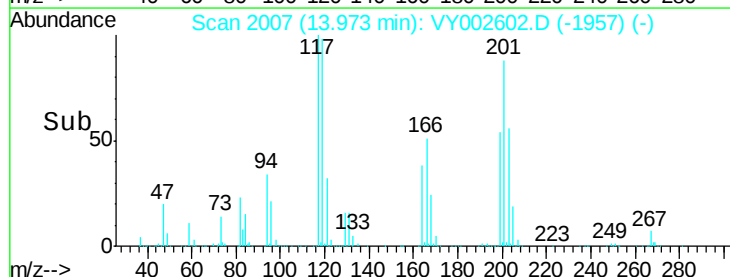
201 87.3 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002513.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002513.D (-1998) (-)

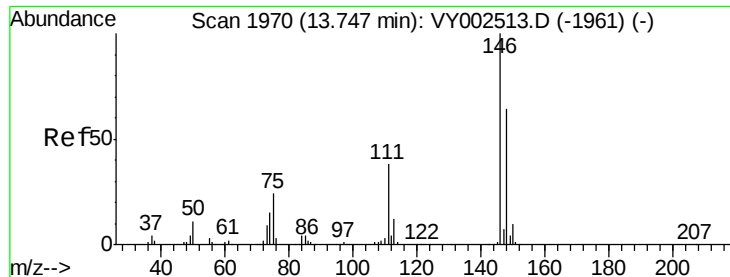
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VY002602.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002602.D (-1957) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 54.046 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

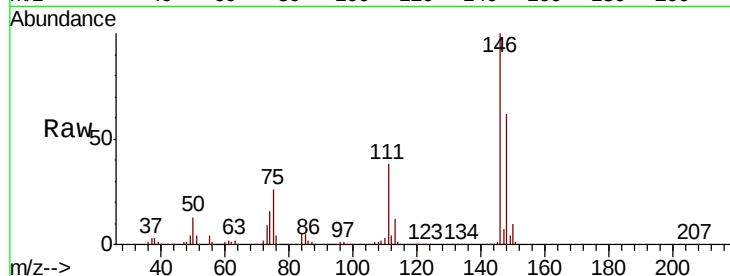
Tot Ion:146 Resp: 373516

Ion Ratio Lower Upper

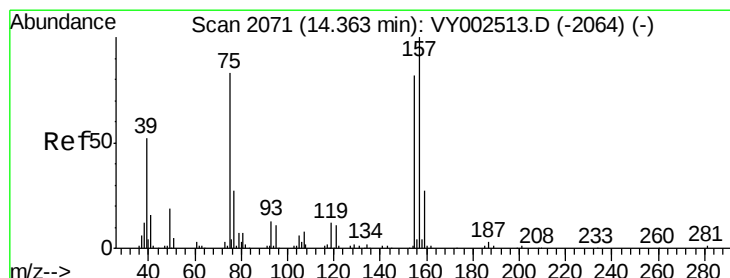
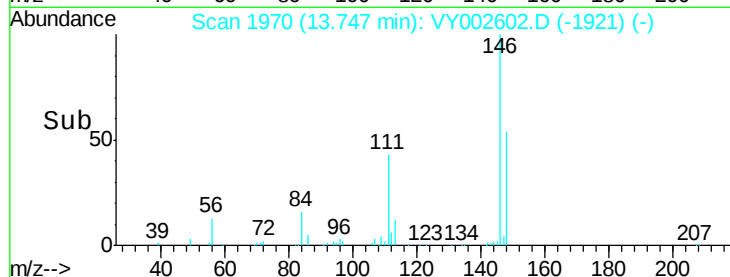
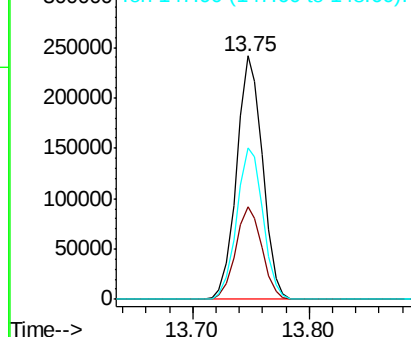
146 100

111 38.5 19.1 57.5

148 63.3 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: 50.822 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

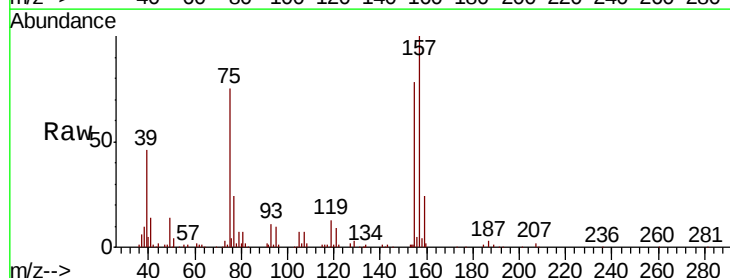
Tgt Ion: 75 Resp: 24678

Ion Ratio Lower Upper

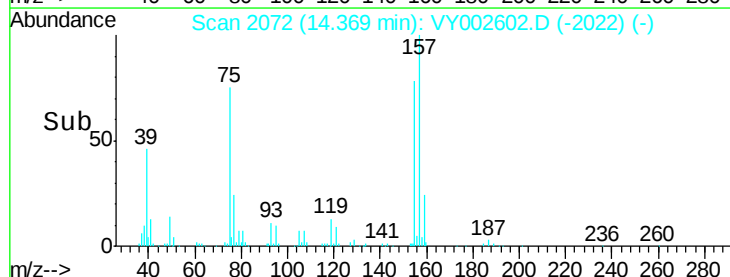
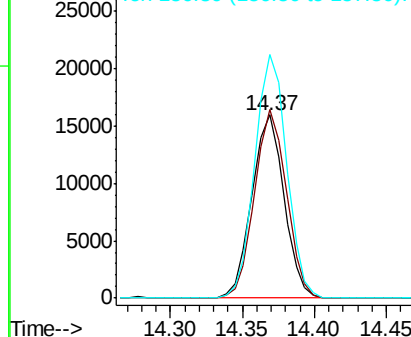
75 100

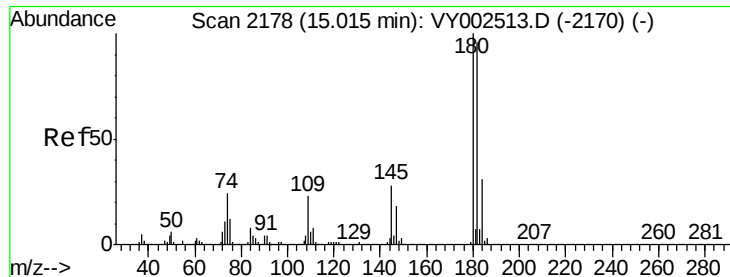
155 101.9 51.3 153.9

157 131.8 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

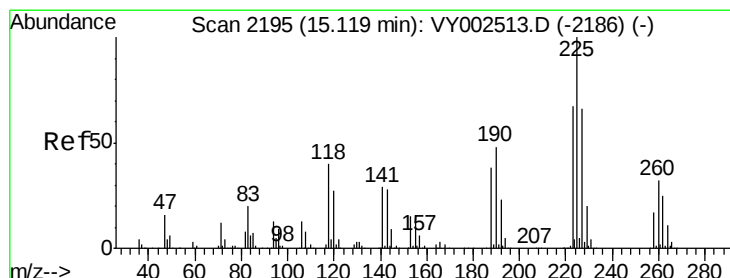
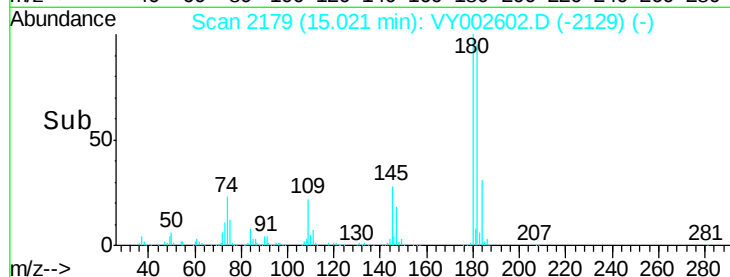
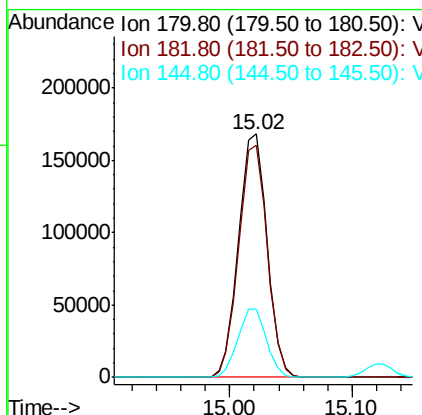
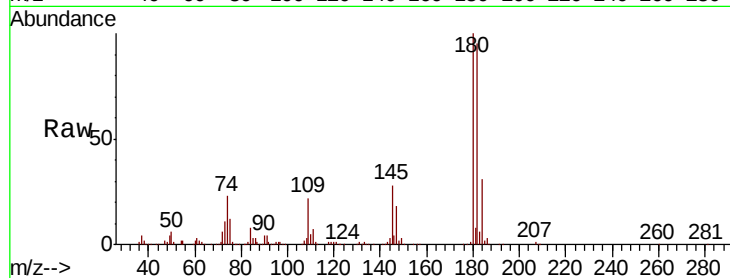




#93
 1,2,4-Trichlorobenzene
 Concen: 54.255 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

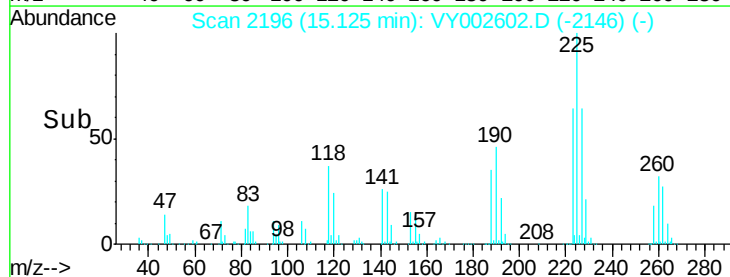
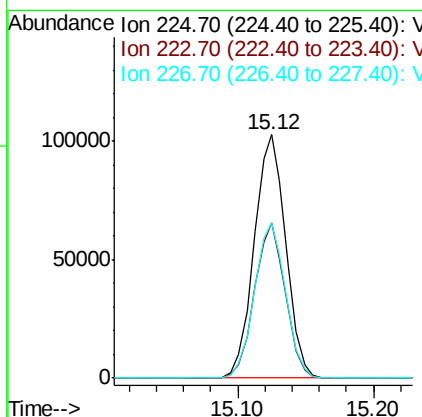
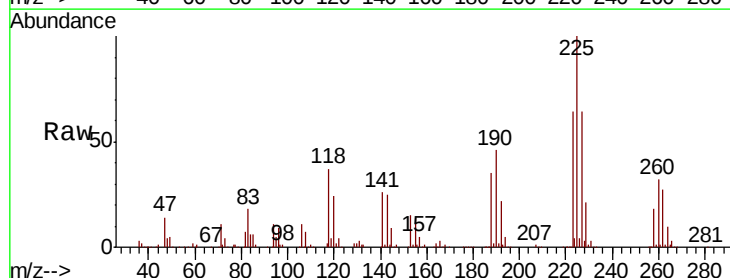
Instrument :
 MSVOA_Y
 ClientSampled :

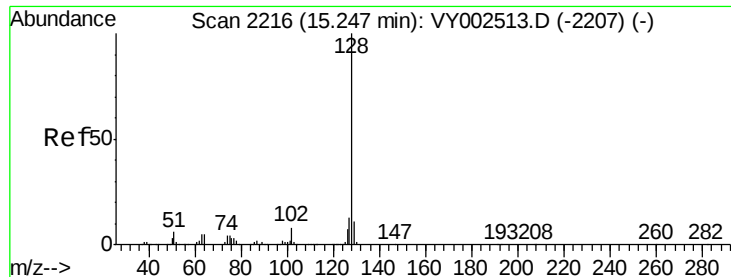
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	28.2	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 55.360 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.1	96.5
227	63.2	32.0	96.2





#95

Naphthalene

Concen: 52.819 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

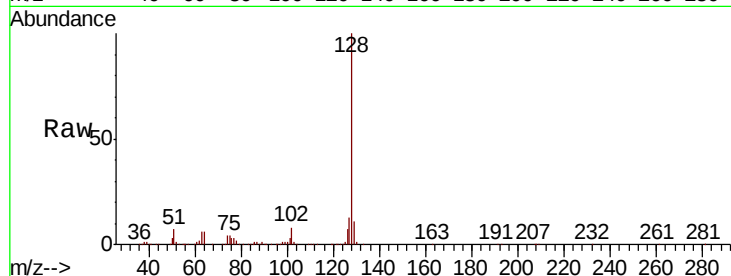
Tot Ion:128 Resp: 483461

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

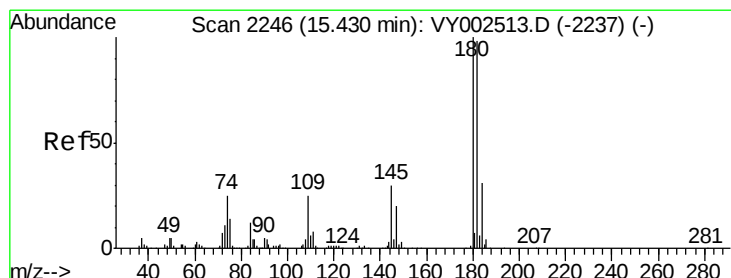
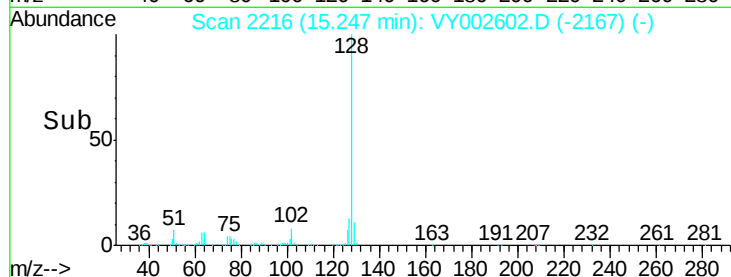
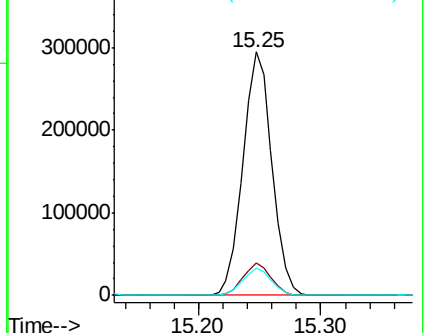
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.645 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

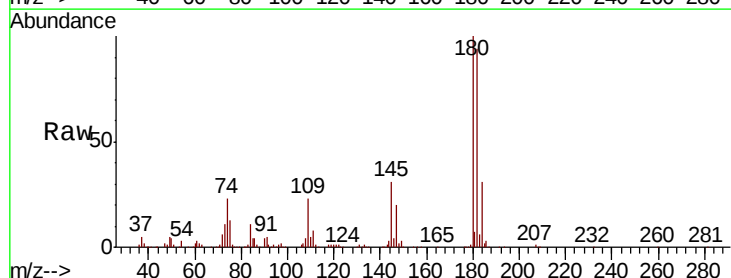
Tgt Ion:180 Resp: 228500

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 30.2 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

