

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003029.D
 Acq On : 30 Jun 2020 12:04
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:08:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	504811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	736122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	364699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	239166	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.72	113	229823	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.18	98	845847	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.48	95	297105	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	73555	19.240	ug/l 99
3) Chloromethane	2.12	50	98875	17.661	ug/l 99
4) Vinyl Chloride	2.26	62	109107	19.980	ug/l 94
5) Bromomethane	2.65	94	81168	21.891	ug/l 98
6) Chloroethane	2.79	64	71499	20.581	ug/l 94
7) Trichlorofluoromethane	3.13	101	161826	20.995	ug/l 97
8) Diethyl Ether	3.54	74	53115	20.101	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	97893	21.271	ug/l 99
10) Methyl Iodide	4.10	142	120157	21.055	ug/l 99
11) Tert butyl alcohol	4.96	59	56396	110.372	ug/l 100
12) 1,1-Dichloroethene	3.88	96	92596	21.146	ug/l 87
13) Acrolein	3.74	56	45066	98.200	ug/l 98
14) Allyl chloride	4.49	41	151607	19.830	ug/l 99
15) Acrylonitrile	5.18	53	140424	103.116	ug/l 98
16) Acetone	3.96	43	119504	101.061	ug/l 99
17) Carbon Disulfide	4.20	76	288421	20.615	ug/l 97
18) Methyl Acetate	4.49	43	61523	19.312	ug/l 97
19) Methyl tert-butyl Ether	5.23	73	272381	21.340	ug/l 99
20) Methylene Chloride	4.72	84	177323	30.949	ug/l 95
21) trans-1,2-Dichloroethene	5.23	96	104674	21.133	ug/l 93
22) Diisopropyl ether	6.13	45	327252	19.971	ug/l 99
23) Vinyl Acetate	6.07	43	1113011	101.595	ug/l 99
24) 1,1-Dichloroethane	6.03	63	183640	20.516	ug/l 99
25) 2-Butanone	6.99	43	197067	104.913	ug/l 97
26) 2,2-Dichloropropane	6.99	77	168937	20.773	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	118484	21.327	ug/l 98
28) Bromochloromethane	7.34	49	70342	17.662	ug/l 91
29) Tetrahydrofuran	7.35	42	126743	101.464	ug/l 95
30) Chloroform	7.52	83	185642	20.935	ug/l 98
31) Cyclohexane	7.79	56	178626	20.257	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	168486	20.815	ug/l 100
36) 1,1-Dichloropropene	7.92	75	148495	20.942	ug/l 99
37) Ethyl Acetate	7.08	43	87789	20.592	ug/l 97
38) Carbon Tetrachloride	7.91	117	156666	21.236	ug/l 93

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:08:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	187049	21.276	ug/l	98
40) Benzene	8.16	78	412411	21.245	ug/l	99
41) Methacrylonitrile	7.35	41	119869	52.635	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	131110	21.349	ug/l	99
43) Isopropyl Acetate	8.28	43	166466	20.539	ug/l	96
44) Trichloroethene	8.94	130	121678	21.566	ug/l	99
45) 1,2-Dichloropropane	9.22	63	109973	21.057	ug/l	94
46) Dibromomethane	9.31	93	61732	21.164	ug/l	99
47) Bromodichloromethane	9.50	83	151305	21.184	ug/l	100
48) Methyl methacrylate	9.30	41	73141	19.827	ug/l	93
49) 1,4-Dioxane	9.30	88	15276	429.021	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	435525	103.970	ug/l	97
52) Toluene	10.25	92	259974	21.274	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	156755	20.933	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	180773	21.108	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	89088	21.979	ug/l	96
56) Ethyl methacrylate	10.51	69	125510	21.391	ug/l	97
57) 1,3-Dichloropropane	10.79	76	152338	21.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	271777	90.315	ug/l	99
59) 2-Hexanone	10.83	43	311239	106.300	ug/l	99
60) Dibromochloromethane	10.99	129	112997	21.784	ug/l	99
61) 1,2-Dibromoethane	11.09	107	86921	21.752	ug/l	98
64) Tetrachloroethene	10.72	164	122643	21.453	ug/l	95
65) Chlorobenzene	11.52	112	285694	21.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	110470	21.244	ug/l	98
67) Ethyl Benzene	11.60	91	517839	21.252	ug/l	99
68) m/p-Xylenes	11.70	106	382928	42.226	ug/l	100
69) o-Xylene	12.03	106	184221	21.557	ug/l	98
70) Styrene	12.05	104	312015	21.372	ug/l	99
71) Bromoform	12.20	173	76483	22.058	ug/l #	99
73) Isopropylbenzene	12.33	105	503731	21.105	ug/l	100
74) N-amyl acetate	12.14	43	160176	20.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	102789	21.340	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	139963	38.777	ug/l #	100
77) Bromobenzene	12.61	156	130205	21.276	ug/l	98
78) n-propylbenzene	12.67	91	605706	21.101	ug/l	99
79) 2-Chlorotoluene	12.75	91	339847	21.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	418255	20.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39203	21.132	ug/l	95
82) 4-Chlorotoluene	12.85	91	357904	21.455	ug/l	100
83) tert-Butylbenzene	13.07	119	373510	21.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	424847	21.051	ug/l	100
85) sec-Butylbenzene	13.25	105	513072	21.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	474370	21.119	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	239276	20.943	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	242722	21.544	ug/l	99
89) n-Butylbenzene	13.70	91	458400	21.330	ug/l	99
90) Hexachloroethane	13.96	117	95838	21.487	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	219449	21.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18613	21.829	ug/l	97

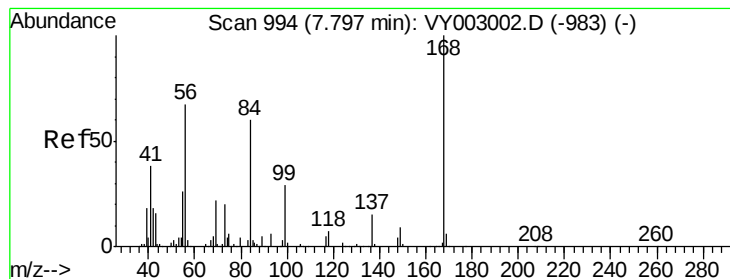
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	165546	21.733	ug/l	99
94) Hexachlorobutadiene	15.11	225	107377	22.349	ug/l	96
95) Naphthalene	15.23	128	307417	22.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	144927	21.911	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

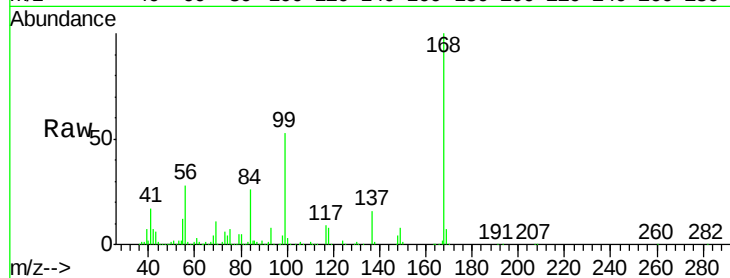
ClientSampleId :

Tot Ion:168 Resp: 504811

Ion Ratio Lower Upper

168 100

99 53.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

250000

200000

150000

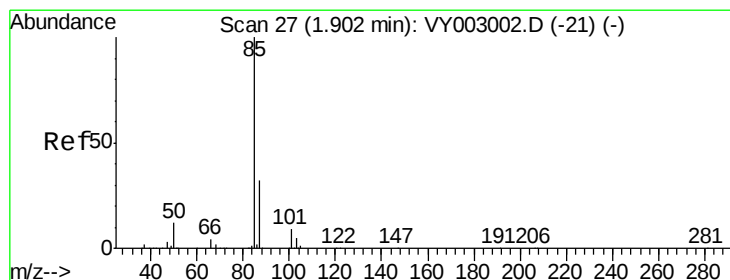
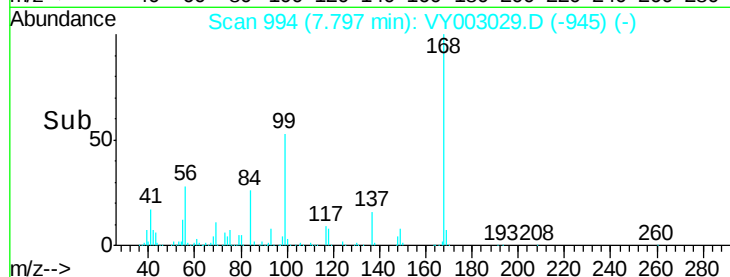
100000

50000

0

Time-->

7.60 7.70 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.240 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003029.D

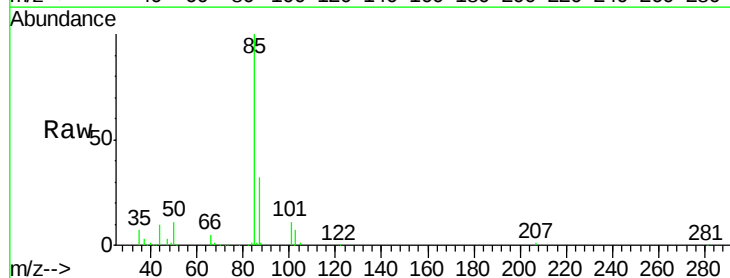
Acq: 30 Jun 2020 12:04

Tgt Ion: 85 Resp: 73555

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

1.91

50000

40000

30000

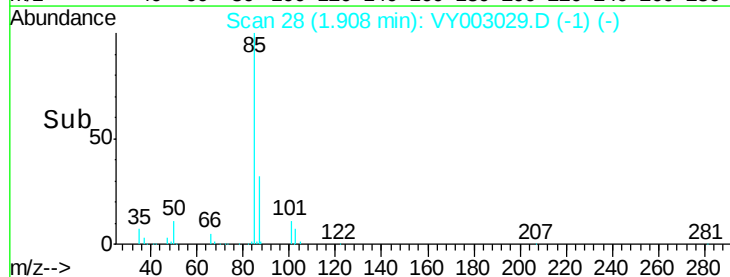
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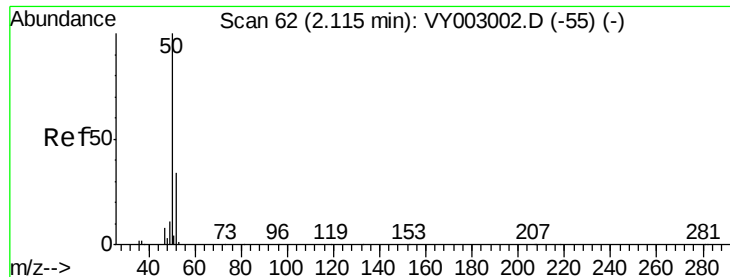
10000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 17.661 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

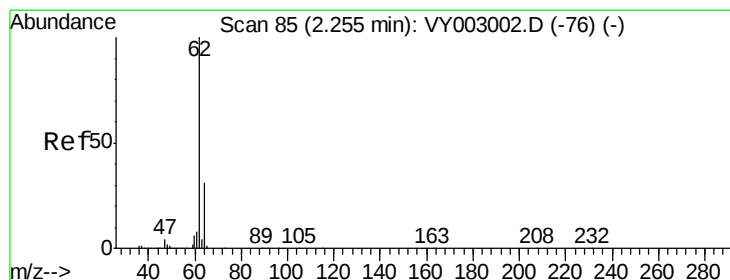
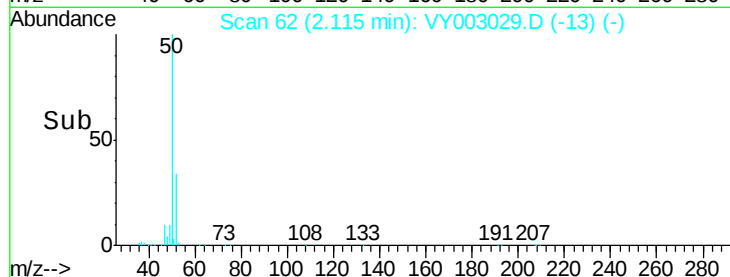
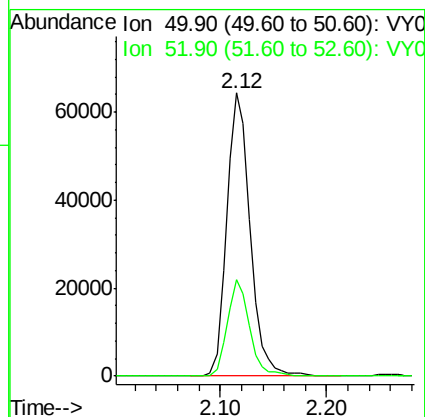
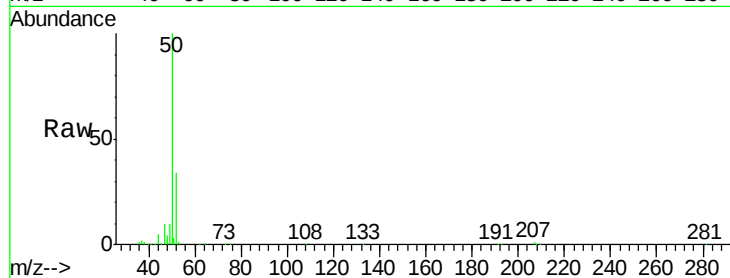
ClientSampleId :

Tot Ion: 50 Resp: 98875

Ion Ratio Lower Upper

50 100

52 34.0 26.9 40.3



#4

Vinyl Chloride

Concen: 19.980 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003029.D

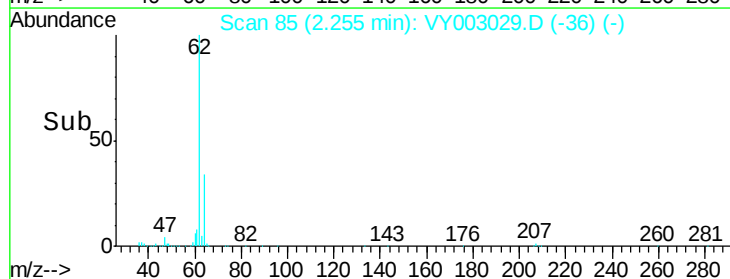
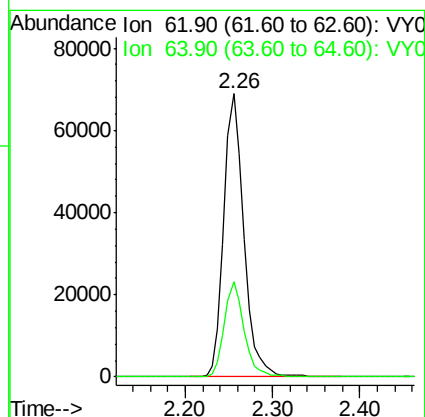
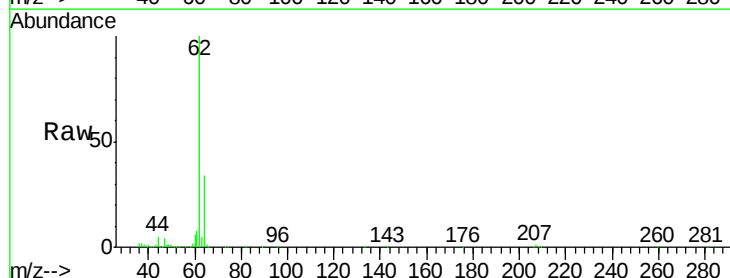
Acq: 30 Jun 2020 12:04

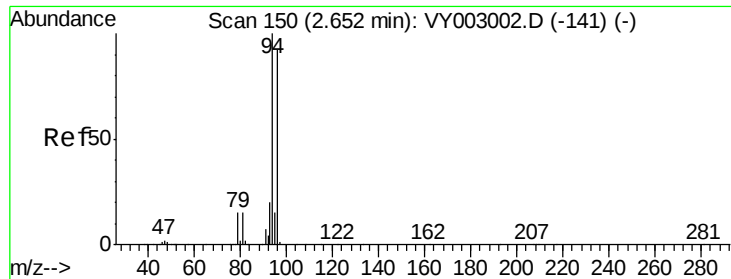
Tgt Ion: 62 Resp: 109107

Ion Ratio Lower Upper

62 100

64 33.6 24.4 36.6





#5

Bromomethane

Concen: 21.891 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

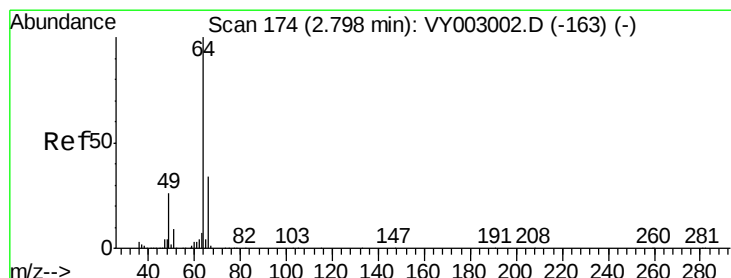
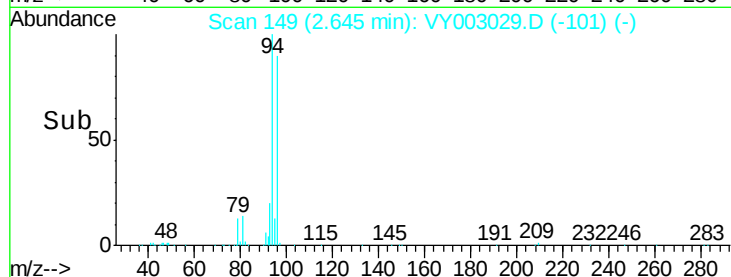
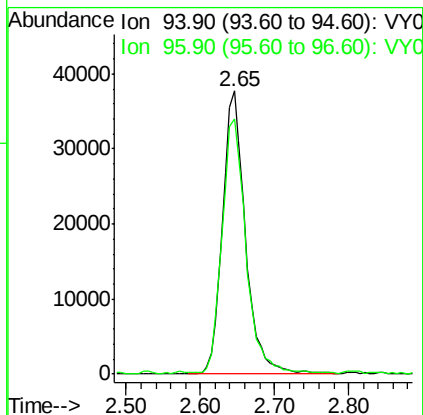
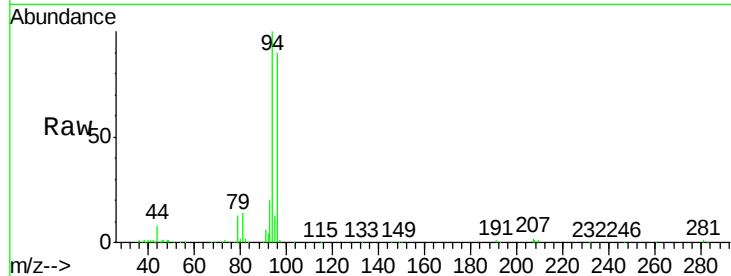
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 81168

Ion Ratio Lower Upper

94 100

96 89.7 73.4 110.2



#6

Chloroethane

Concen: 20.581 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003029.D

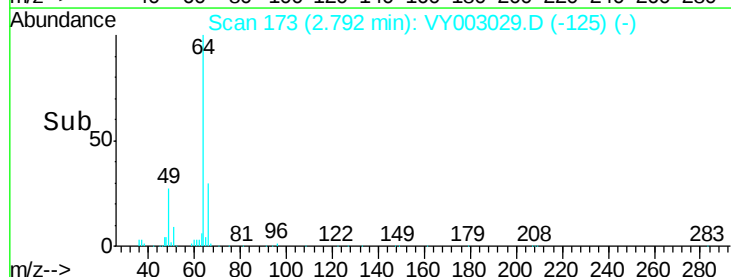
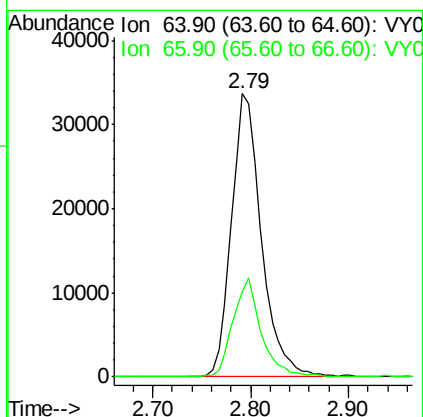
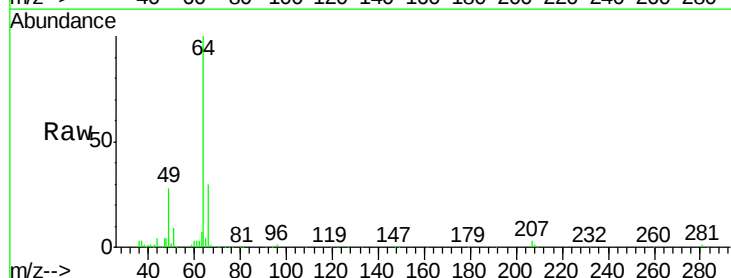
Acq: 30 Jun 2020 12:04

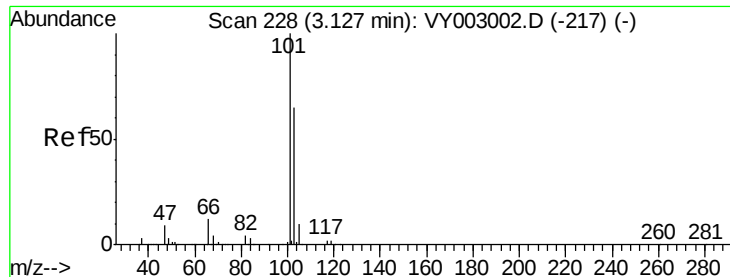
Tgt Ion: 64 Resp: 71499

Ion Ratio Lower Upper

64 100

66 30.0 27.0 40.4



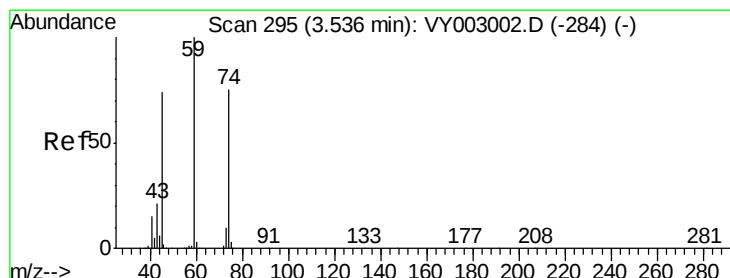
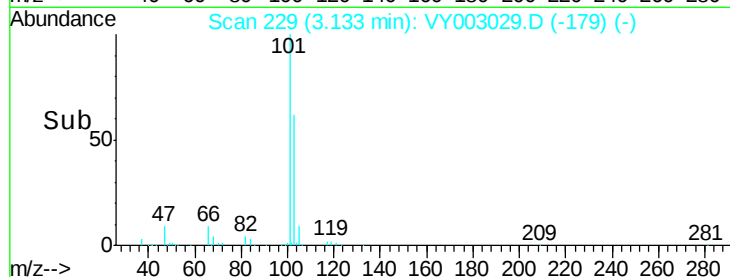
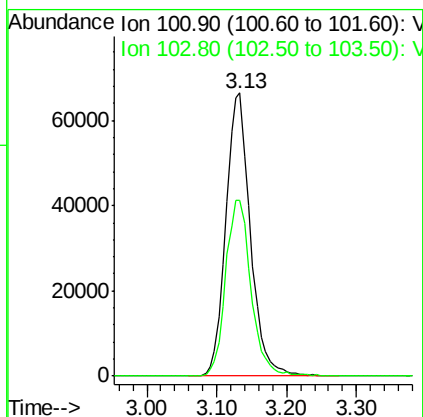
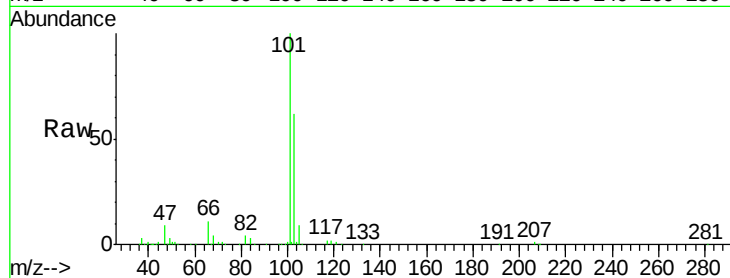


#7

Trichlorofluoromethane
Concen: 20.995 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

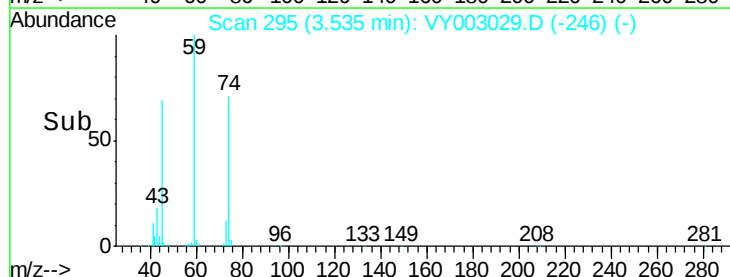
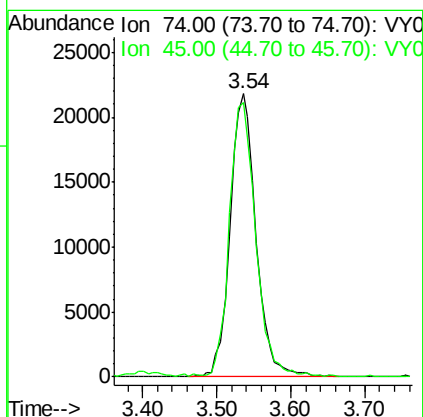
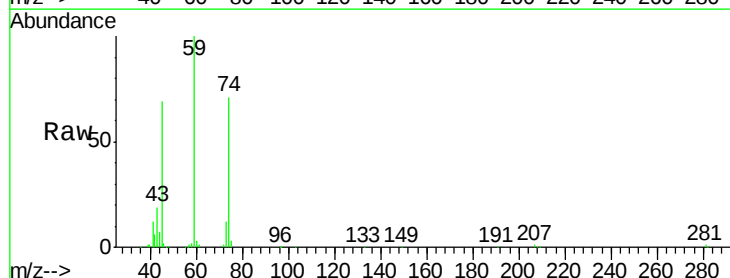
Tot Ion:101 Resp: 161826
Ion Ratio Lower Upper
101 100
103 62.3 51.6 77.4

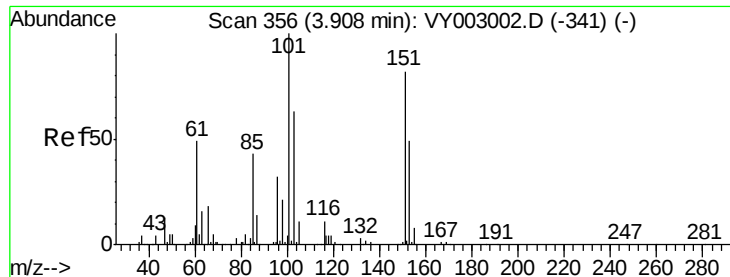


#8

Diethyl Ether
Concen: 20.101 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 74 Resp: 53115
Ion Ratio Lower Upper
74 100
45 98.7 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.271 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

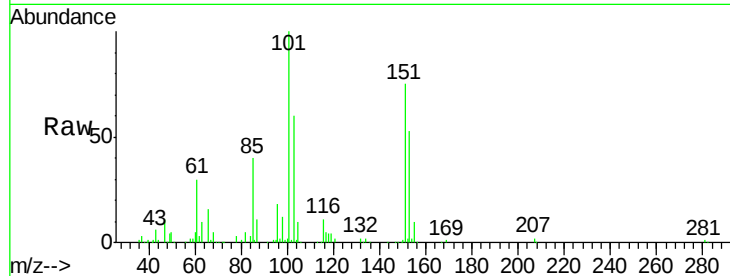
Tot Ion:101 Resp: 97893

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

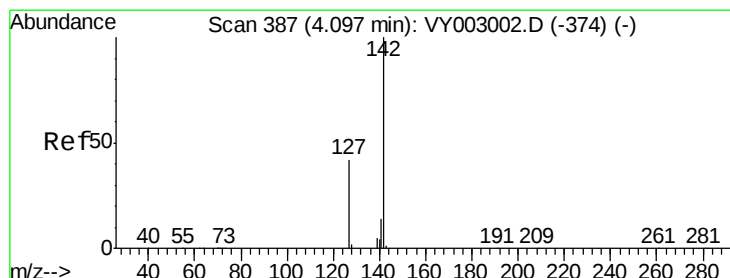
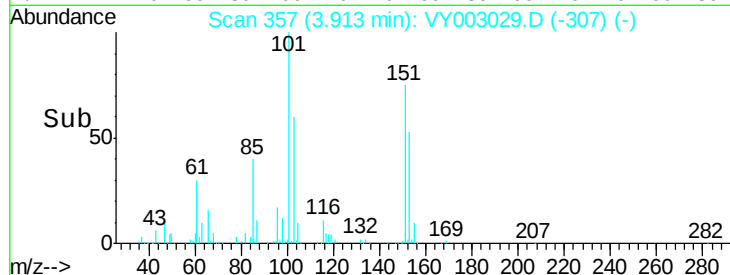
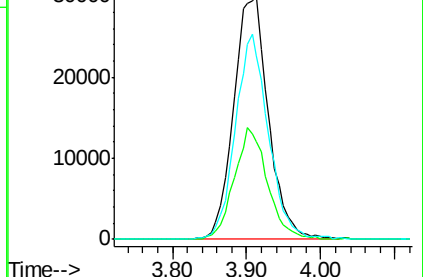
151 80.5 65.5 98.3



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: 21.055 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

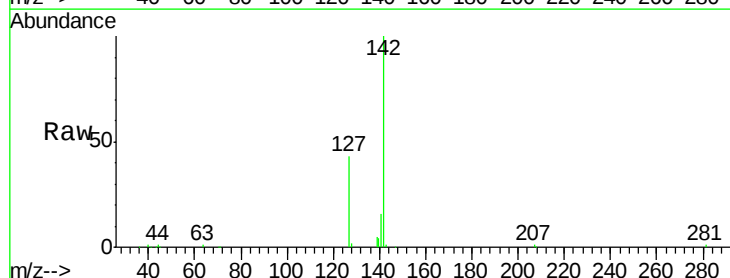
Tgt Ion:142 Resp: 120157

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.2

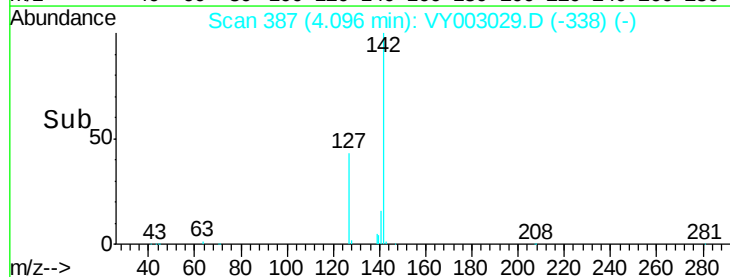
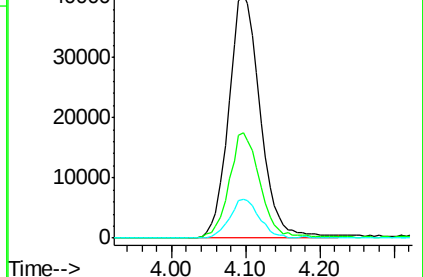
141 15.1 11.7 17.5

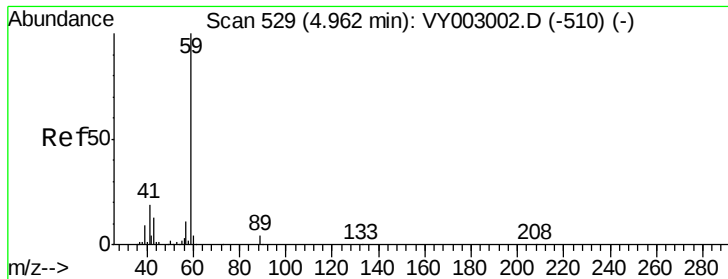


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



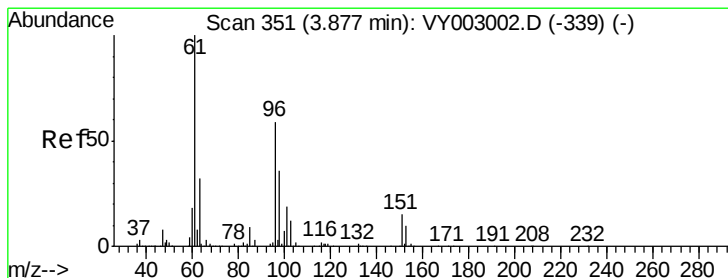
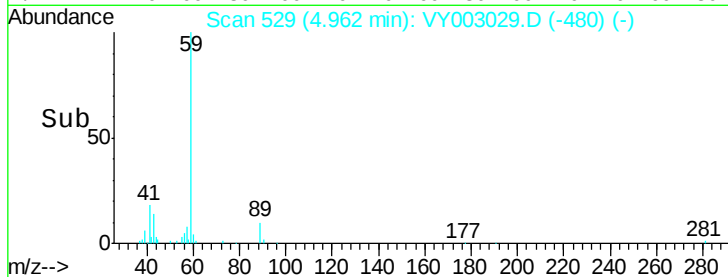
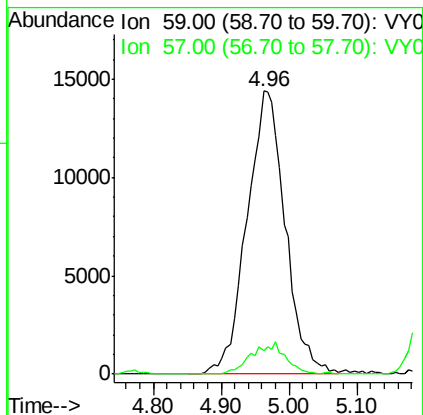
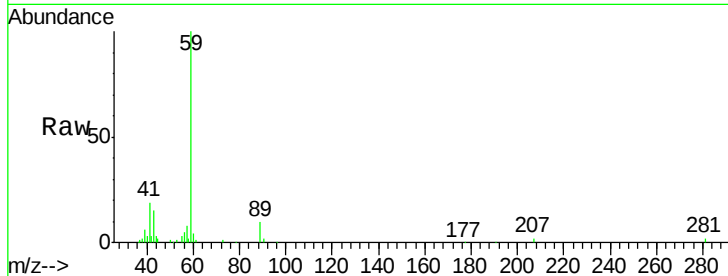


#11

Tert butyl alcohol
 Concen: 110.372 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

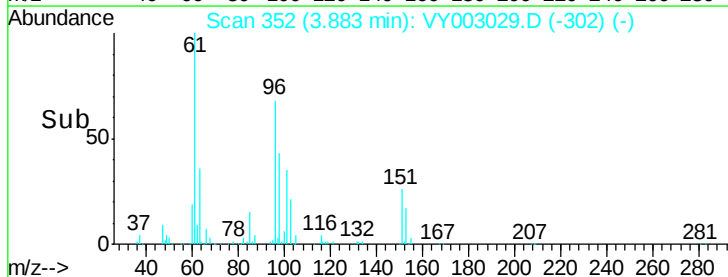
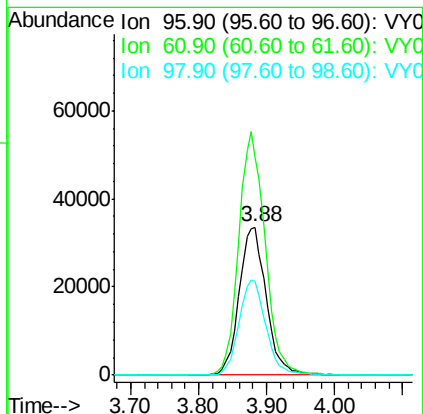
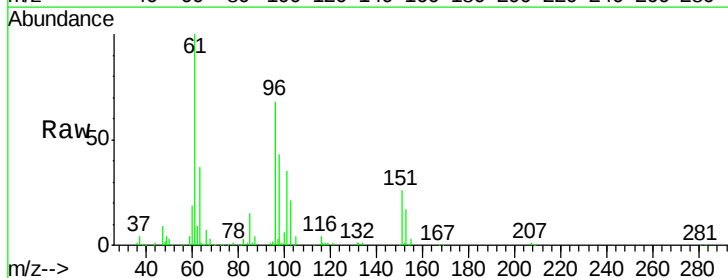
Tot Ion: 59 Resp: 56396
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.0 12.0

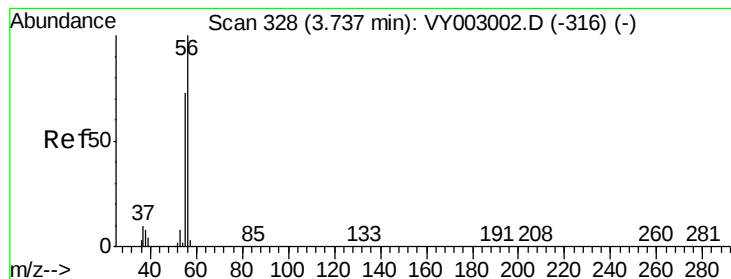


#12

1,1-Dichloroethene
 Concen: 21.146 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 96 Resp: 92596
 Ion Ratio Lower Upper
 96 100
 61 147.9 136.7 205.1
 98 63.6 49.7 74.5





#13

Acrolein

Concen: 98.200 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

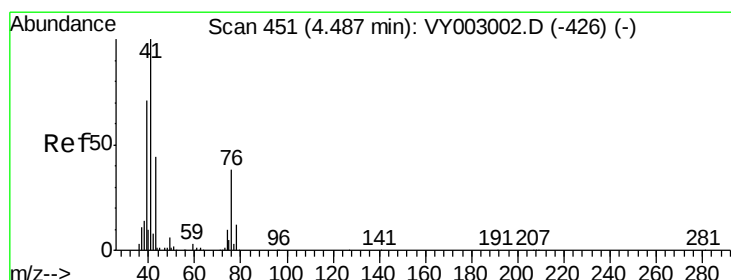
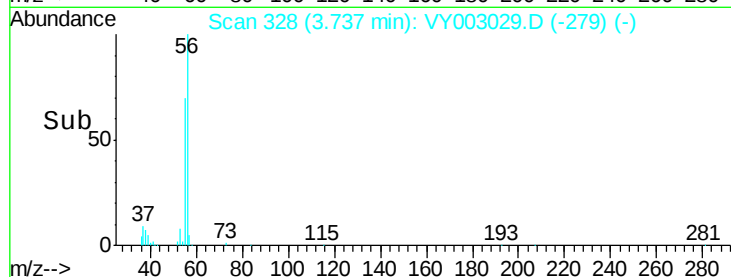
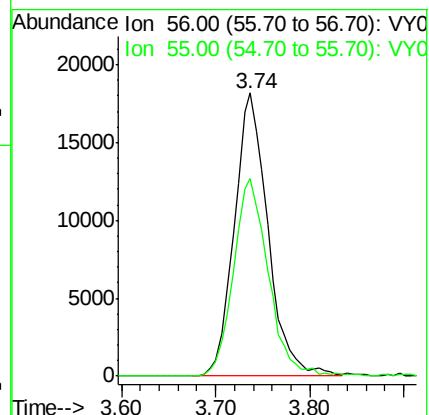
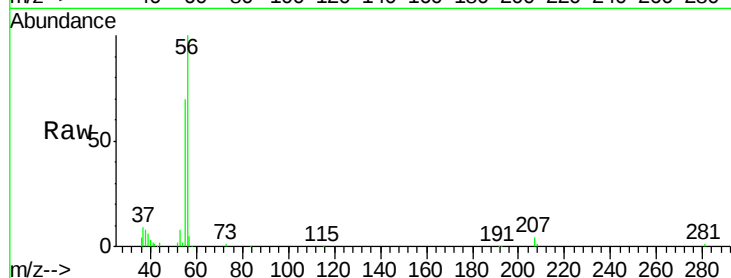
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 45066

Ion Ratio Lower Upper

56 100

55 72.1 56.4 84.6



#14

Allyl chloride

Concen: 19.830 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

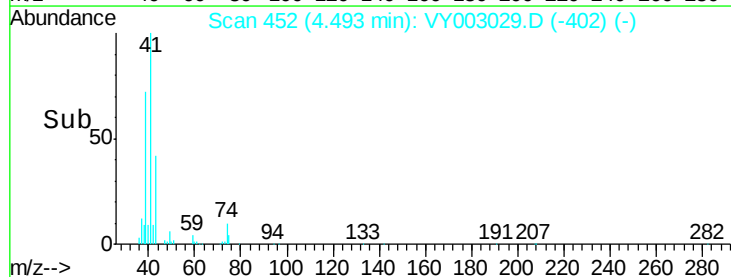
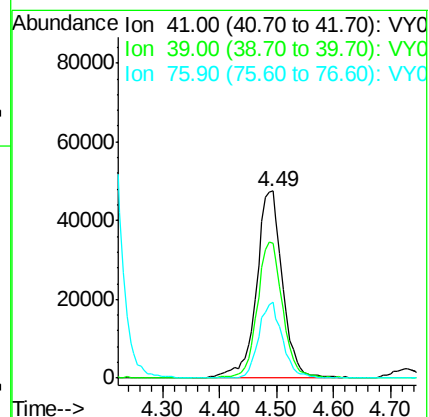
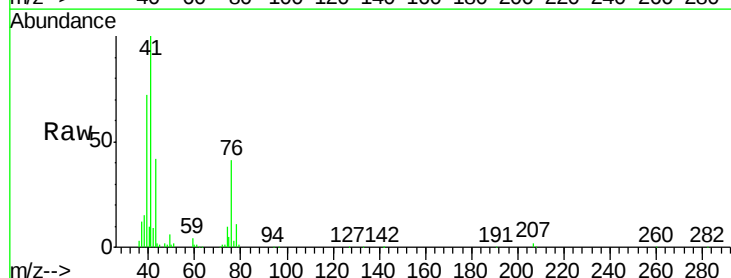
Tgt Ion: 41 Resp: 151607

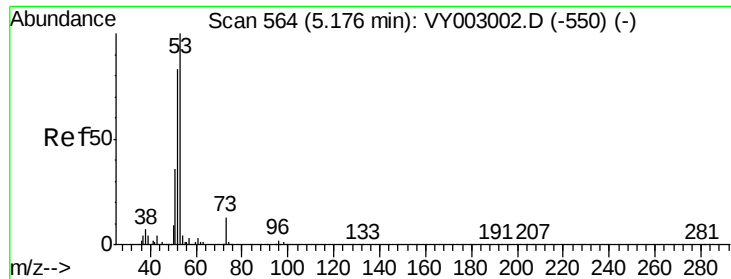
Ion Ratio Lower Upper

41 100

39 70.3 55.6 83.4

76 36.6 28.6 43.0





#15

Acrylonitrile

Concen: 103.116 ug/l

RT: 5.18 min Scan# 564

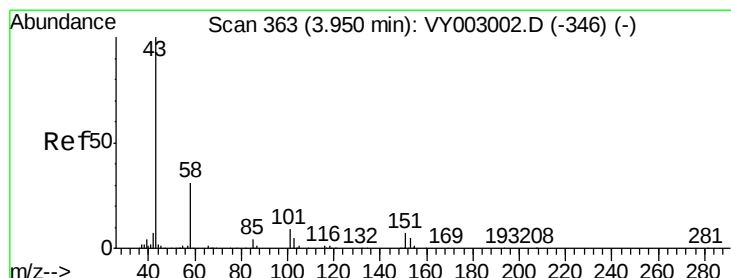
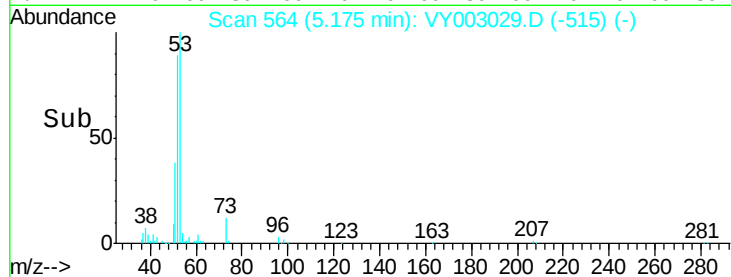
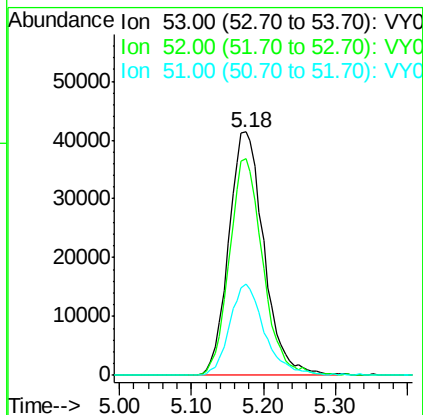
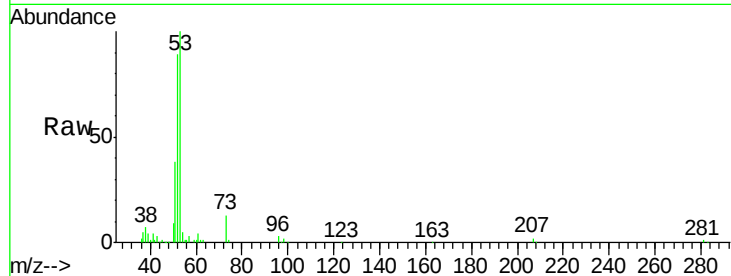
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	140424
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.2	99.2
51	37.1	29.5	44.3



#16

Acetone

Concen: 101.061 ug/l

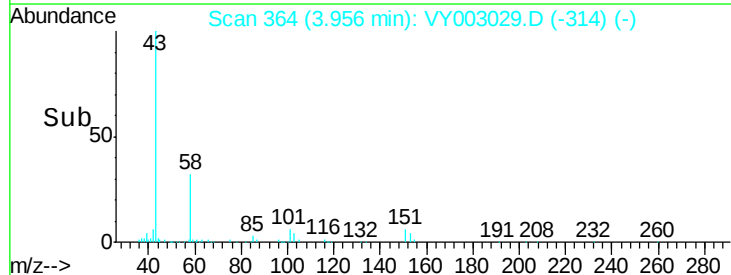
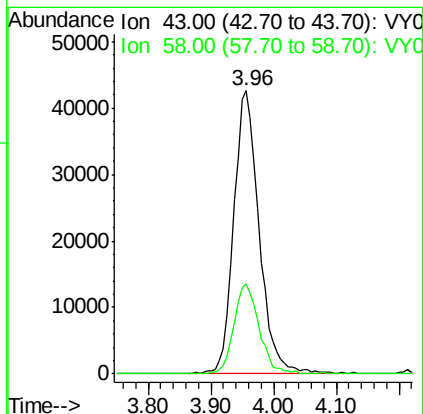
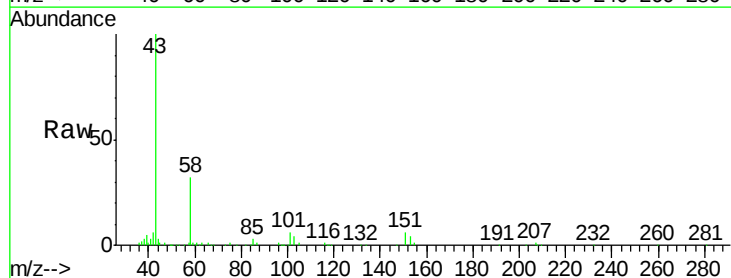
RT: 3.96 min Scan# 364

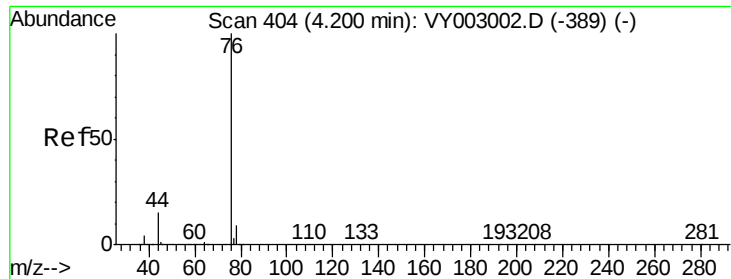
Delta R.T. 0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	43	Resp:	119504
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.7	37.1

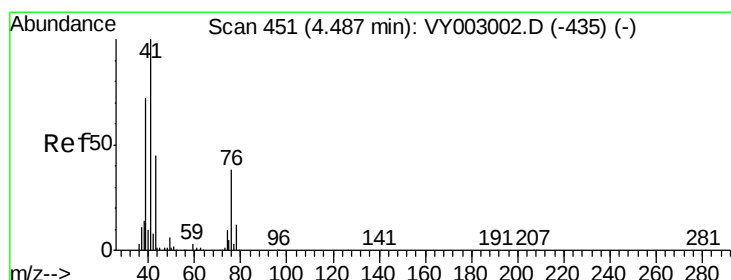
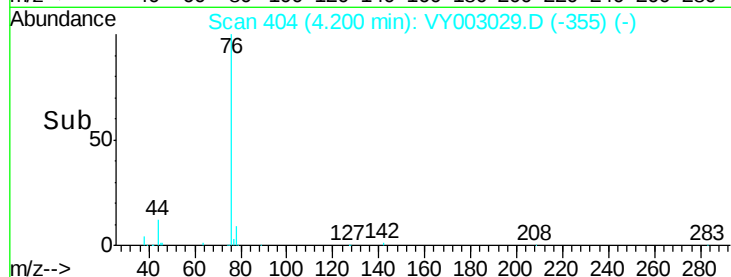
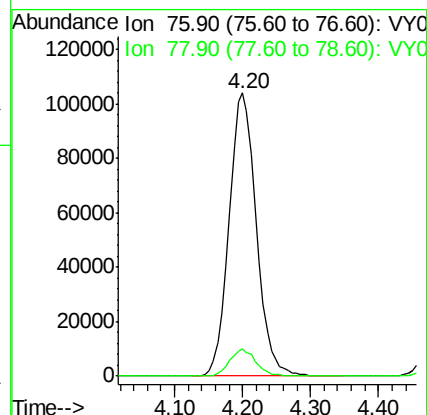
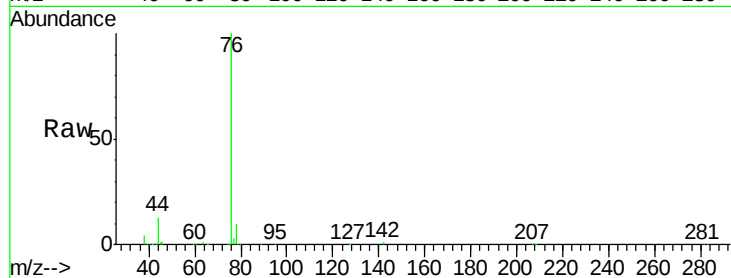




#17
Carbon Disulfide
Concen: 20.615 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

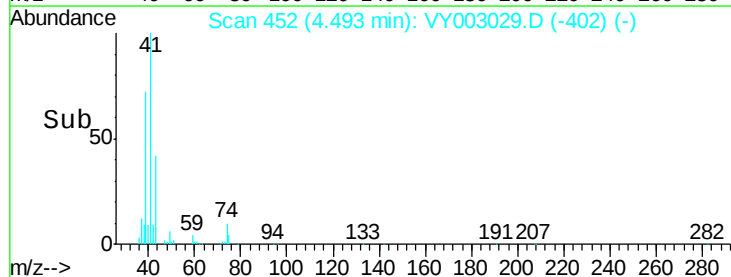
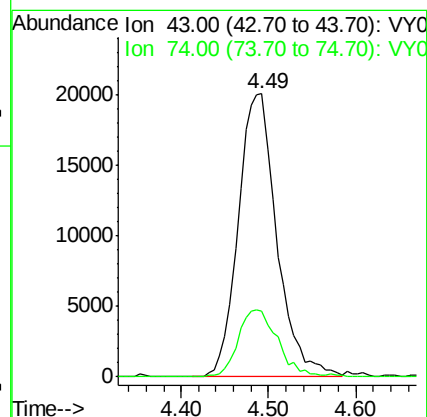
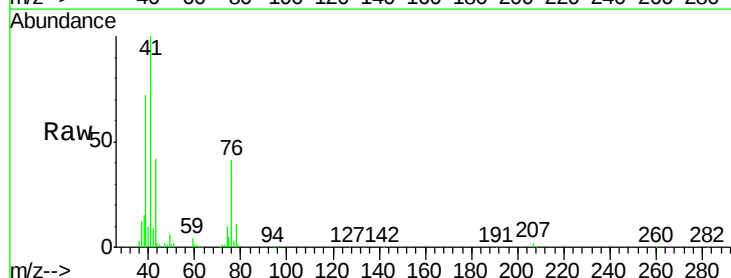
Instrument :
MSVOA_Y
ClientSampleId :

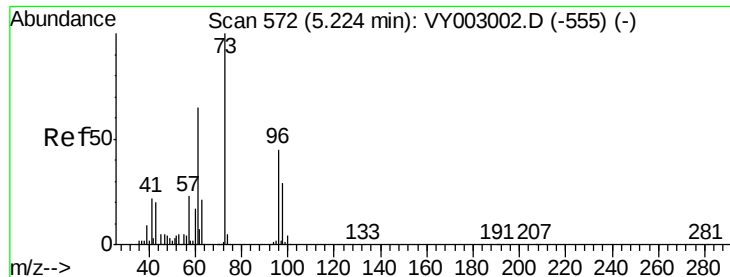
Tot Ion: 76 Resp: 288421
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 19.312 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 43 Resp: 61523
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



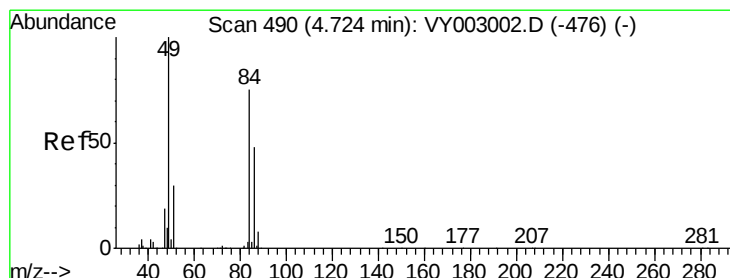
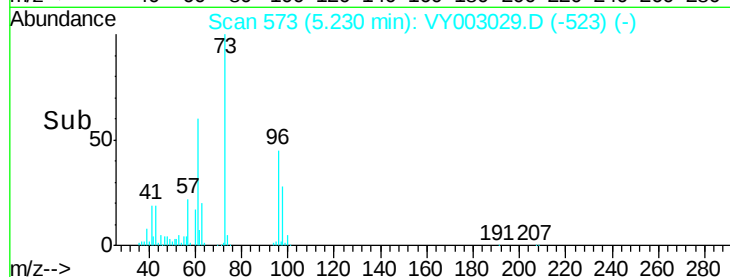
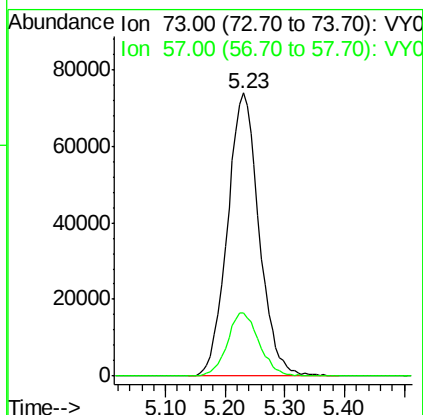
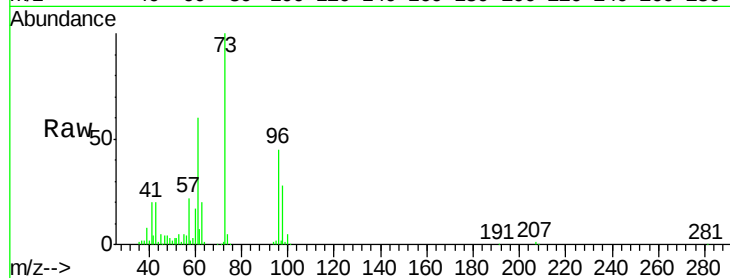


#19

Methyl tert-butyl Ether
 Concen: 21.340 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

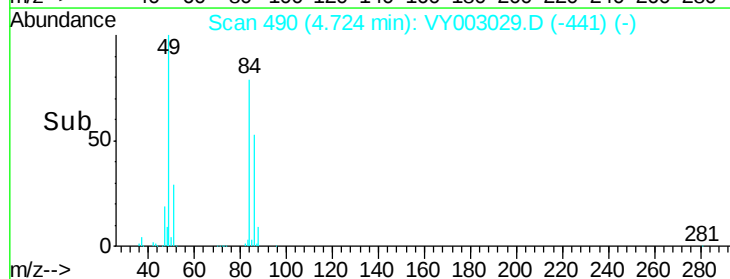
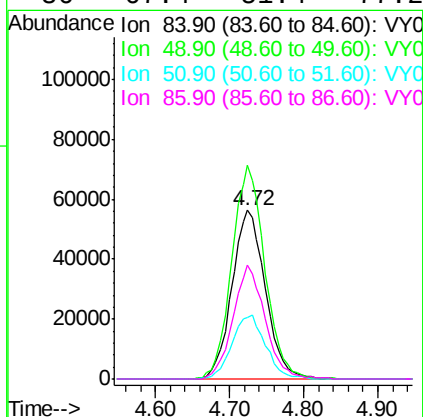
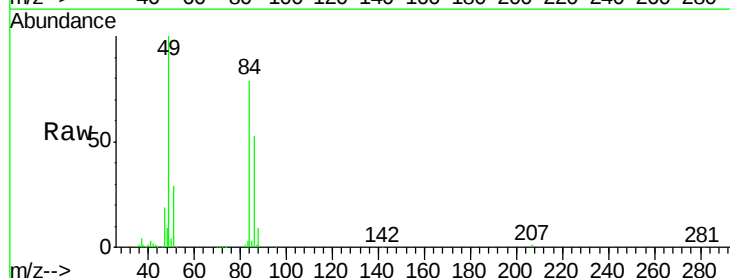
Tot Ion: 73 Resp: 272381
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.2

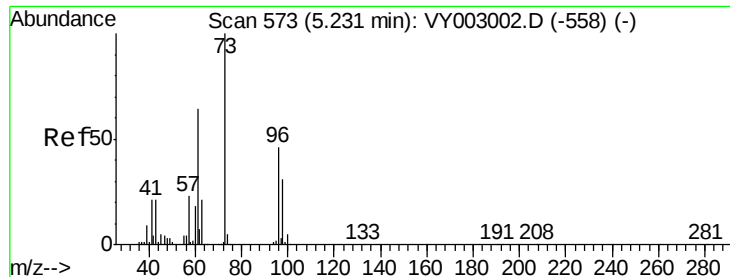


#20

Methylene Chloride
 Concen: 30.949 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 84 Resp: 177323
 Ion Ratio Lower Upper
 84 100
 49 126.4 106.8 160.2
 51 36.1 32.0 48.0
 86 67.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.133 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

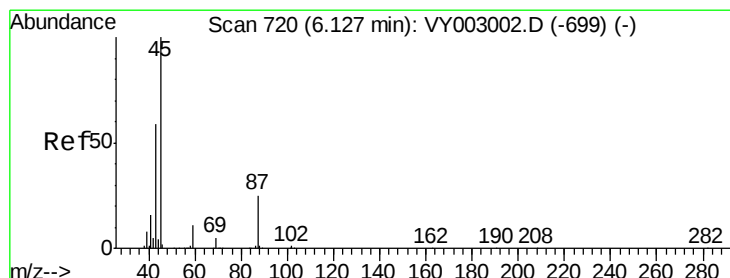
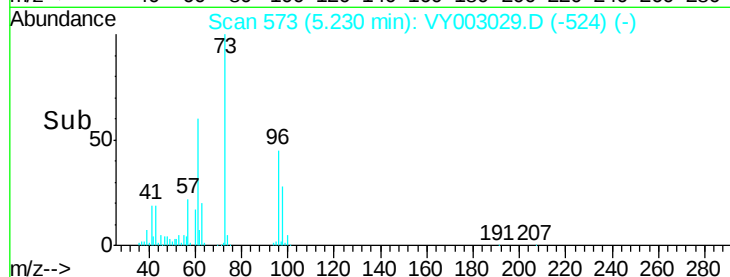
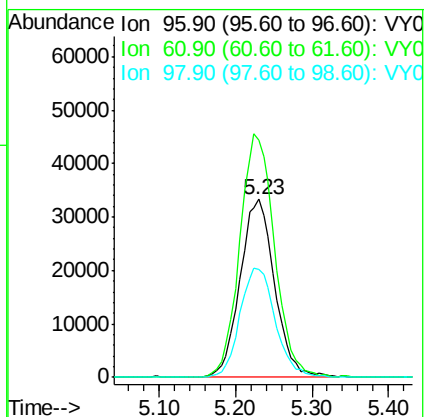
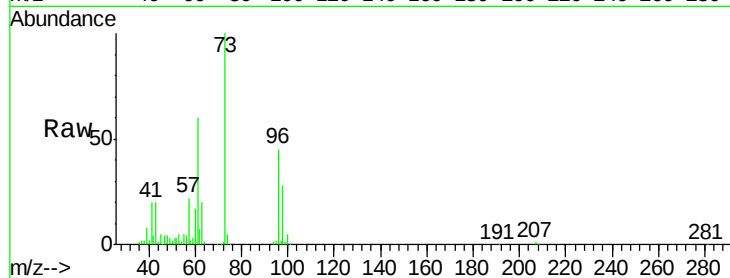
Tot Ion: 96 Resp: 104674

Ion Ratio Lower Upper

96 100

61 132.9 112.3 168.5

98 60.9 53.8 80.8



#22

Diisopropyl ether

Concen: 19.971 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion: 45 Resp: 327252

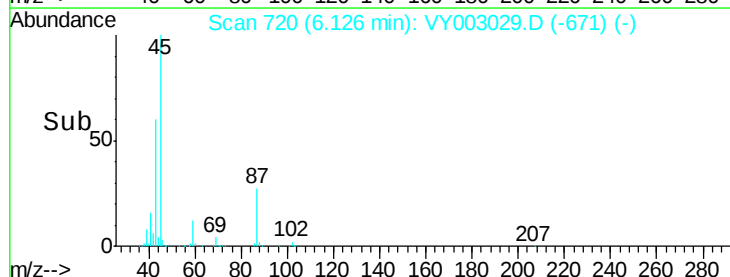
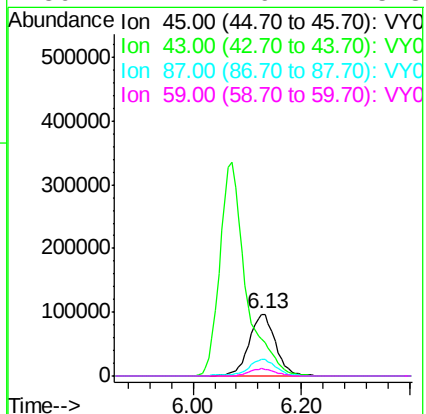
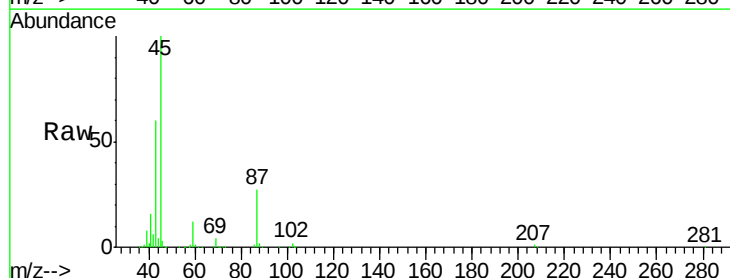
Ion Ratio Lower Upper

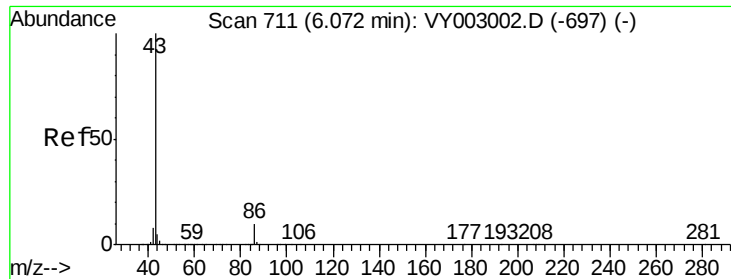
45 100

43 59.7 47.4 71.2

87 26.8 20.2 30.2

59 12.1 9.2 13.8

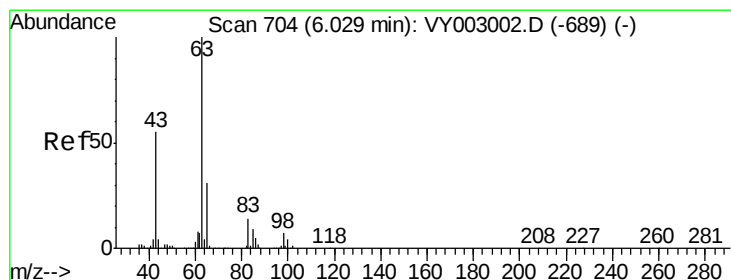
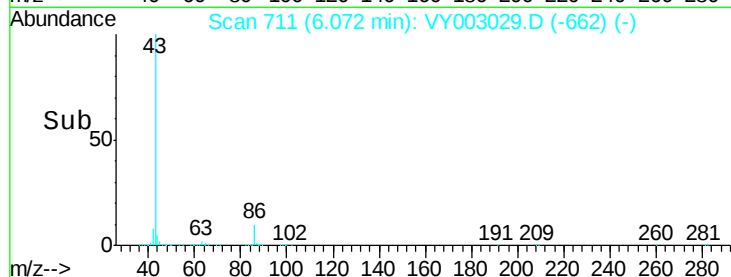
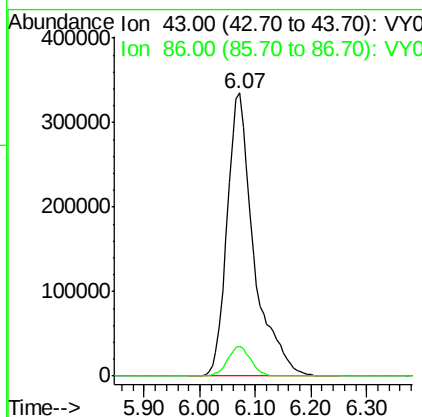
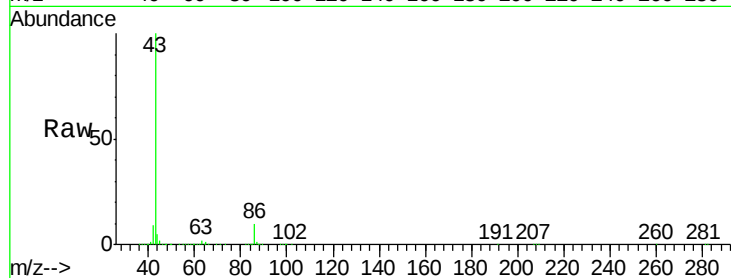




#23
 Vinyl Acetate
 Concen: 101.595 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

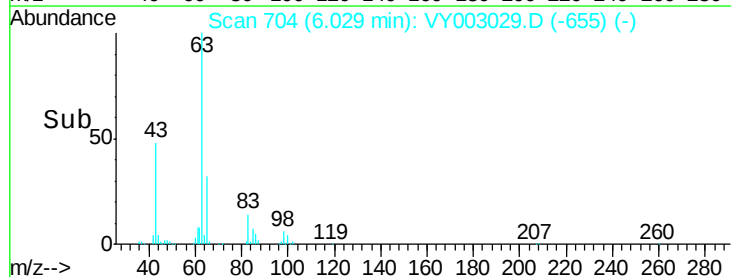
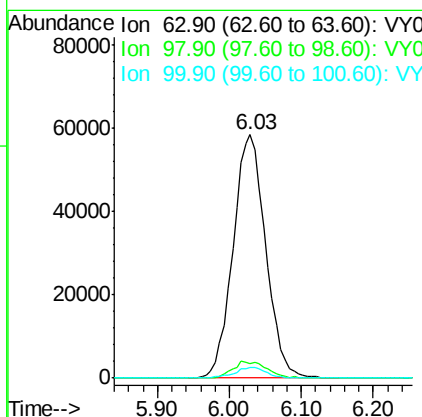
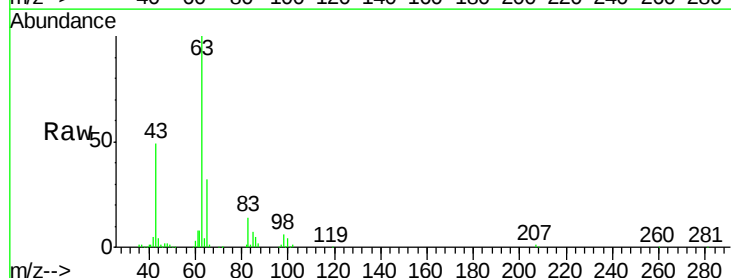
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 1113011
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.516 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 63 Resp: 183640
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 4.4 2.3 6.8

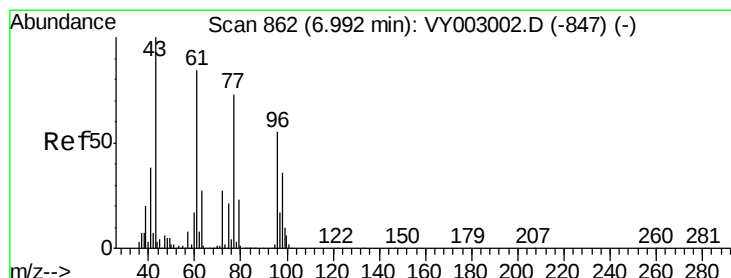
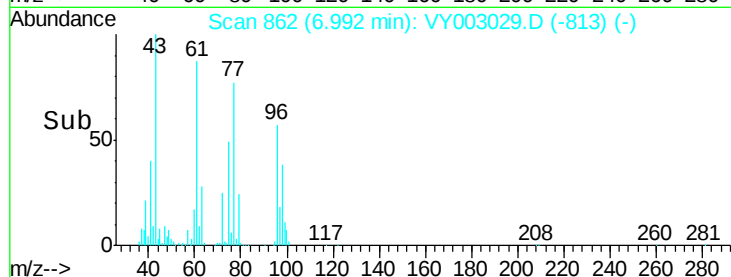
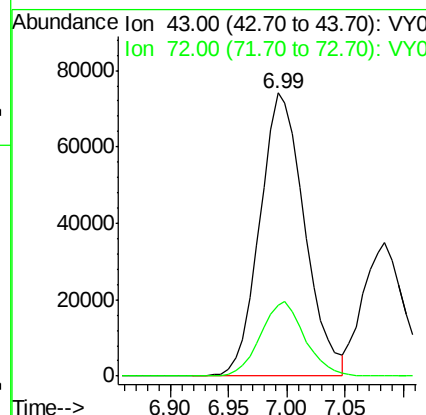
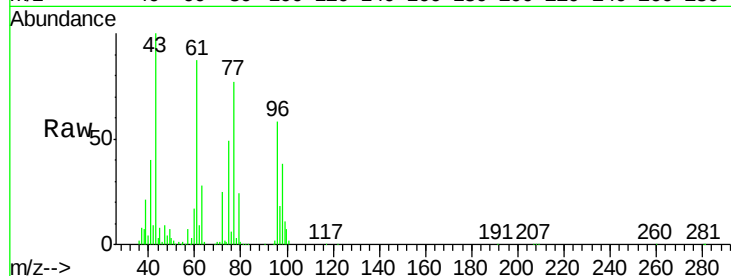




#25
2-Butanone
Concen: 104.913 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

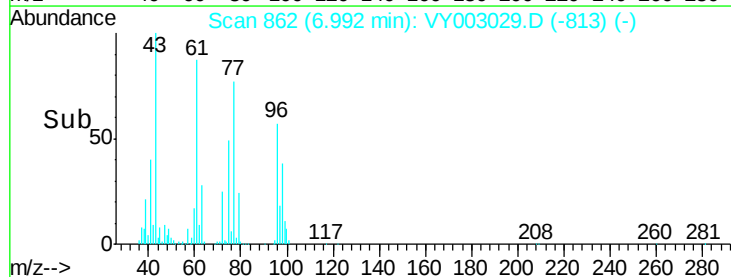
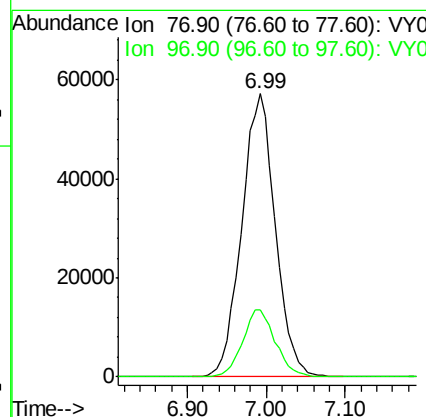
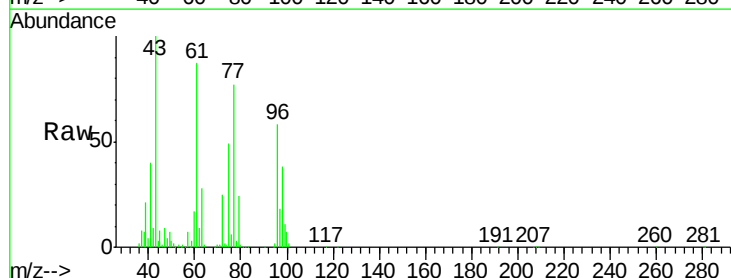
Instrument :
MSVOA_Y
ClientSampled :

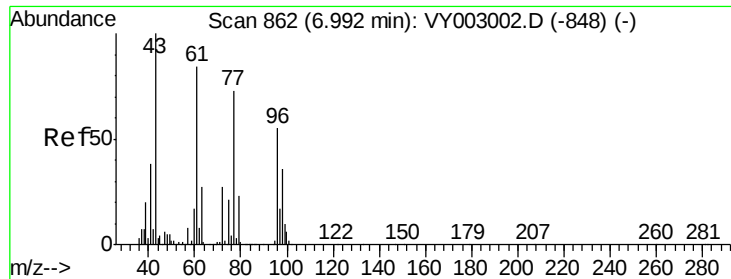
Tot Ion: 43 Resp: 197067
Ion Ratio Lower Upper
43 100
72 25.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.773 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 77 Resp: 168937
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9

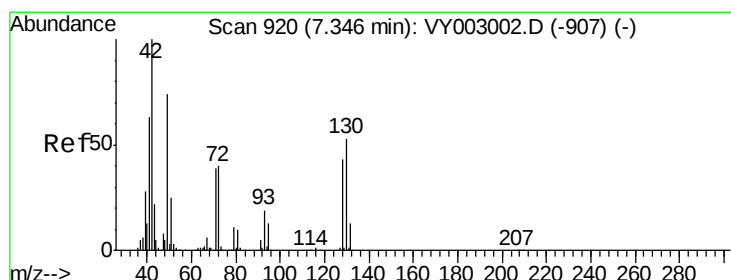
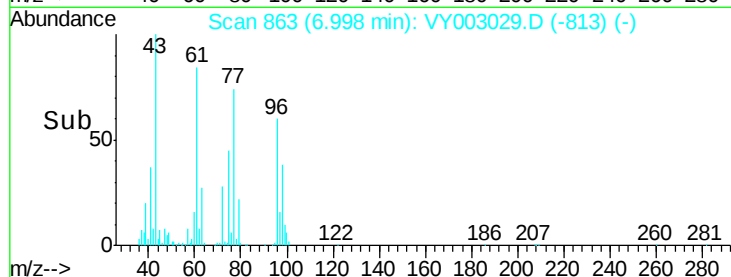
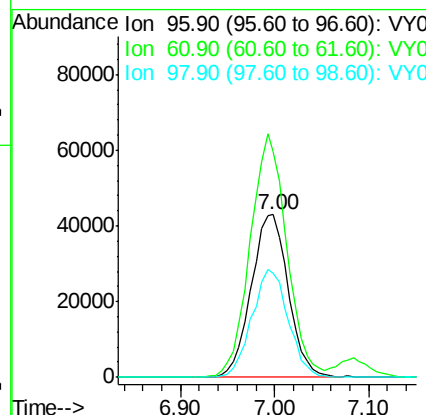
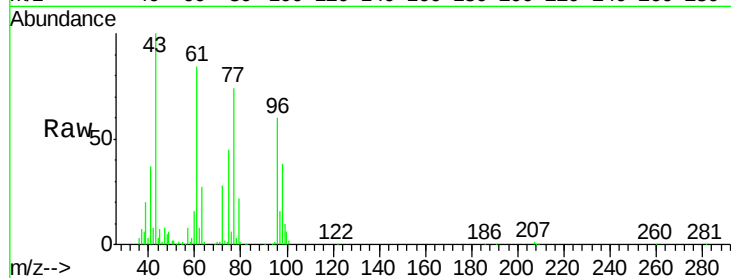




#27
 cis-1,2-Dichloroethene
 Concen: 21.327 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

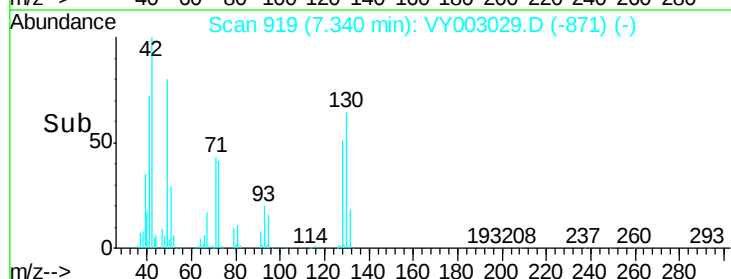
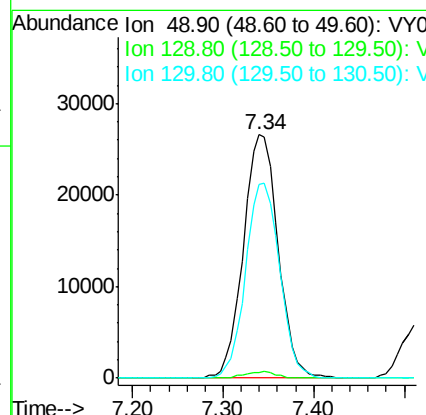
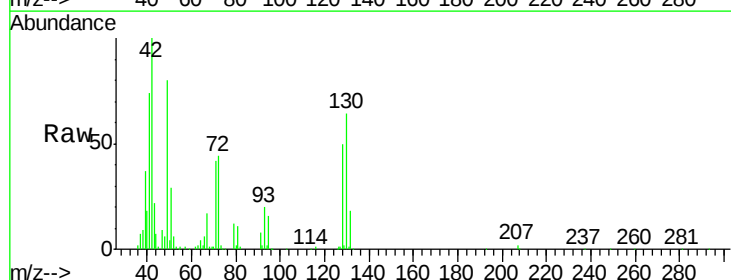
Instrument :
 MSVOA_Y
 ClientSampleId :

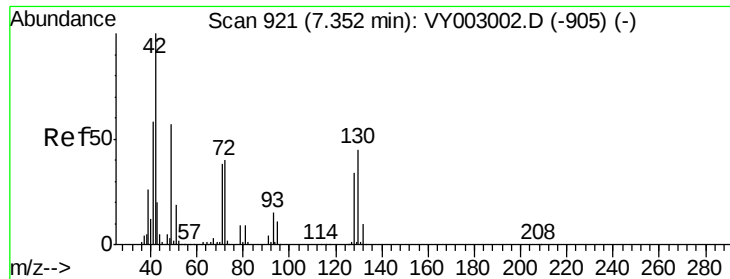
Tot Ion: 96 Resp: 118484
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 301.2
 98 65.0 0.0 129.0



#28
 Bromochloromethane
 Concen: 17.662 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 49 Resp: 70342
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 78.9 57.0 85.6

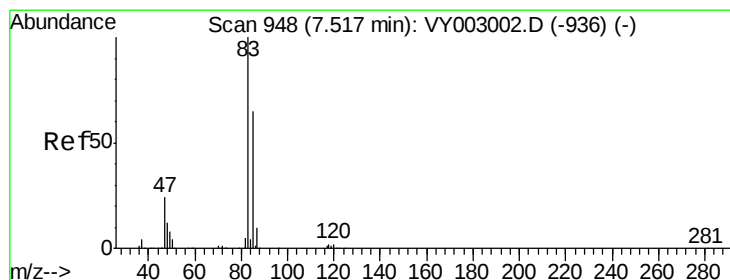
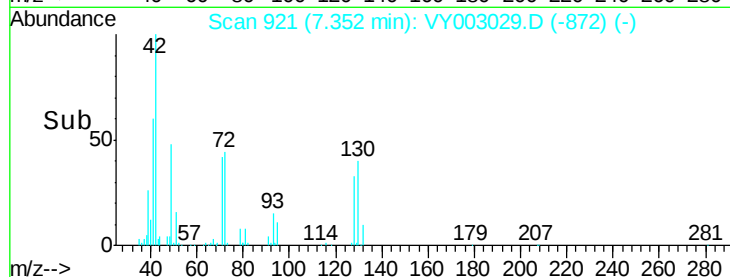
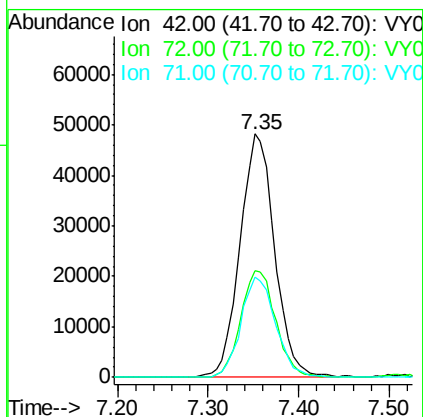
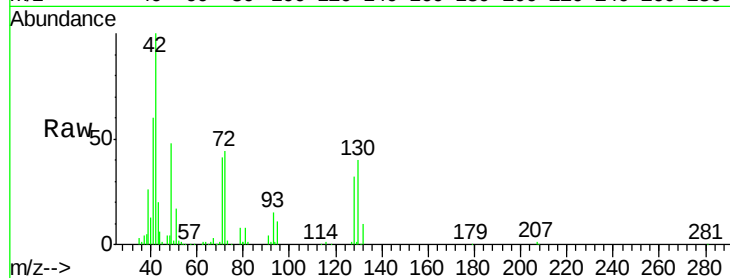




#29
Tetrahydrofuran
Concen: 101.464 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

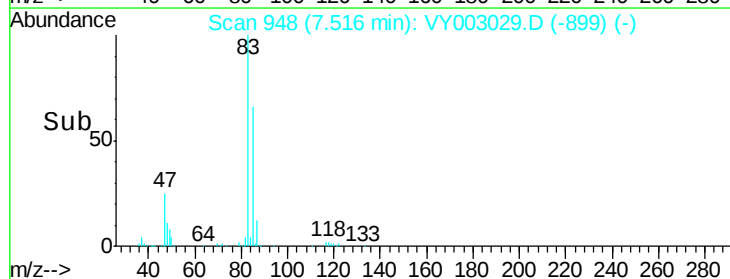
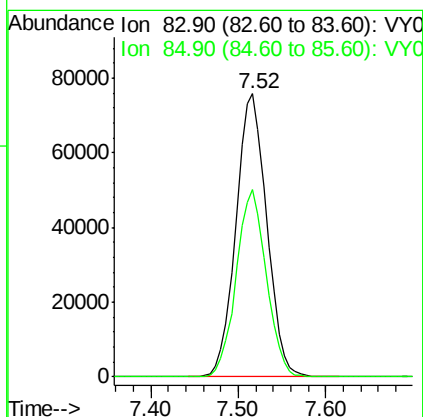
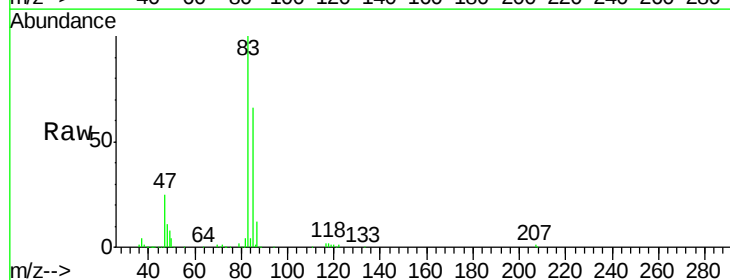
Instrument :
MSVOA_Y
ClientSampleId :

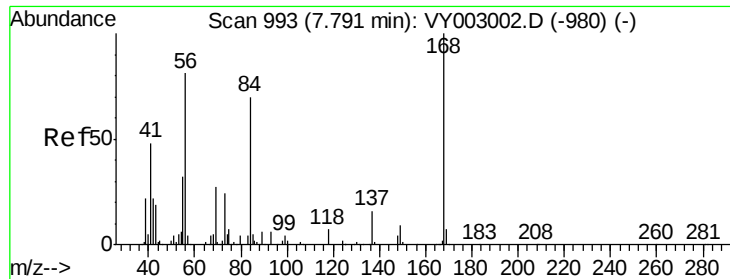
Tot Ion: 42 Resp: 126743
Ion Ratio Lower Upper
42 100
72 44.6 32.9 49.3
71 41.7 31.2 46.8



#30
Chloroform
Concen: 20.935 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 83 Resp: 185642
Ion Ratio Lower Upper
83 100
85 66.0 51.7 77.5

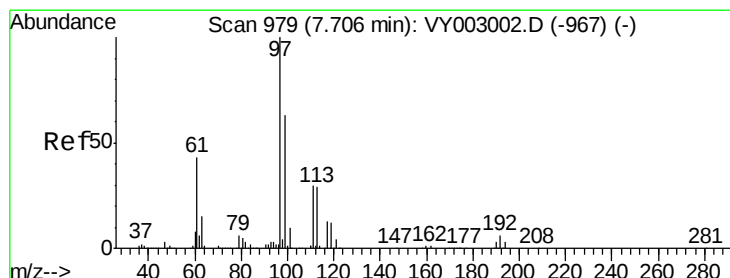
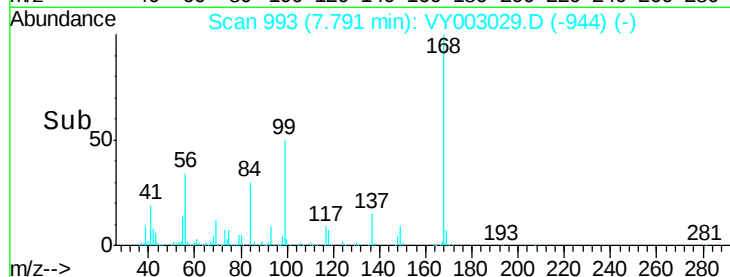
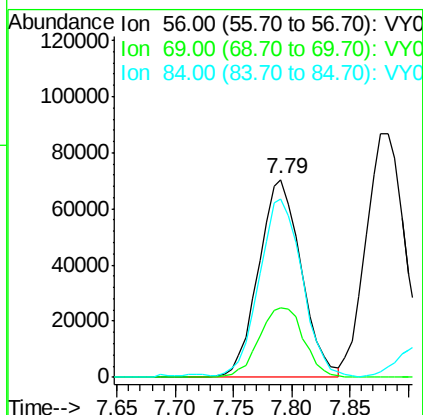
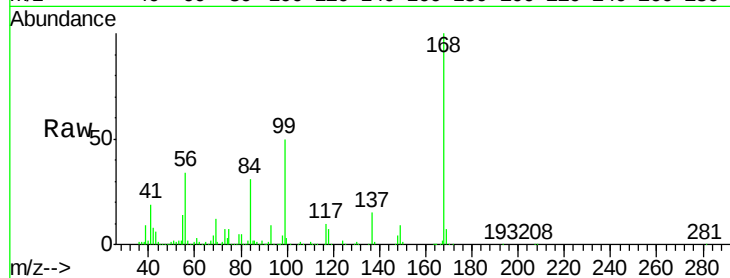




#31
Cyclohexane
Concen: 20.257 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

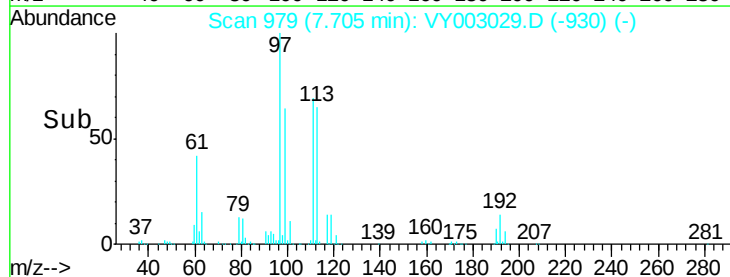
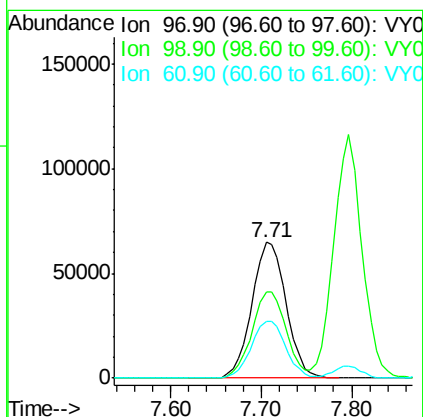
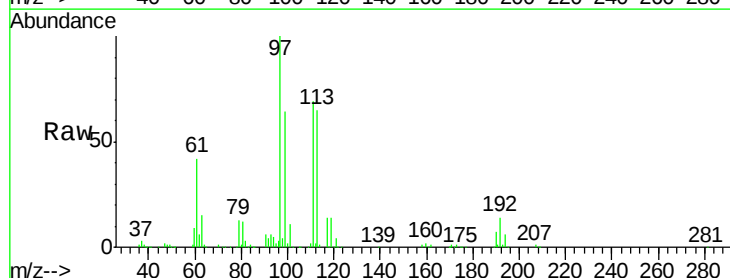
Instrument :
MSVOA_Y
ClientSampled :

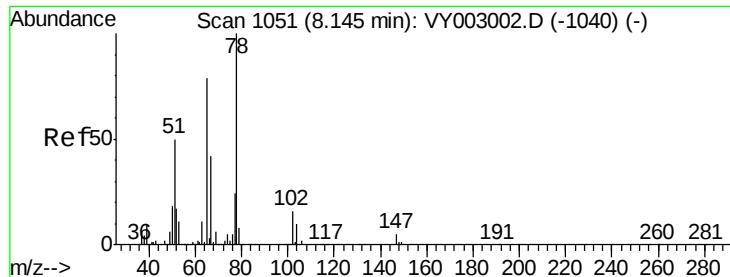
Tot Ion: 56 Resp: 178626
Ion Ratio Lower Upper
56 100
69 35.1 27.0 40.4
84 88.4 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 20.815 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 97 Resp: 168486
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 42.3 33.9 50.9

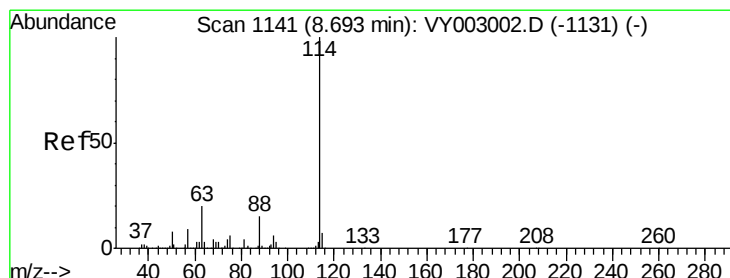
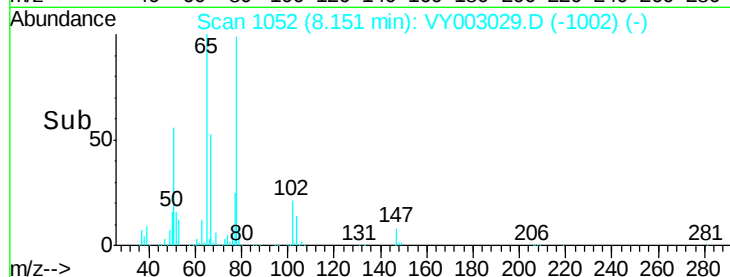
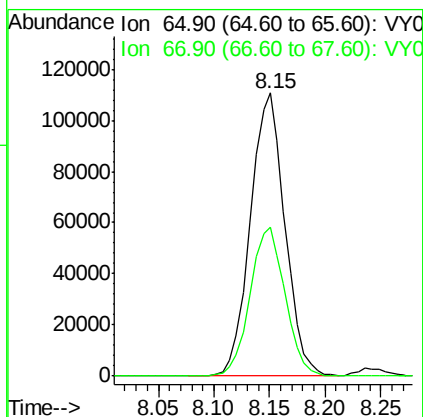
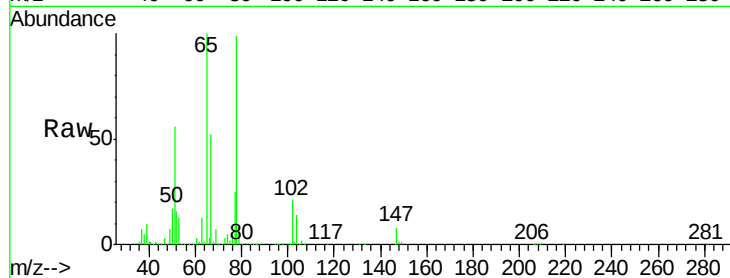




#33
 1,2-Dichloroethane-d4
 Concen: 47.702 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

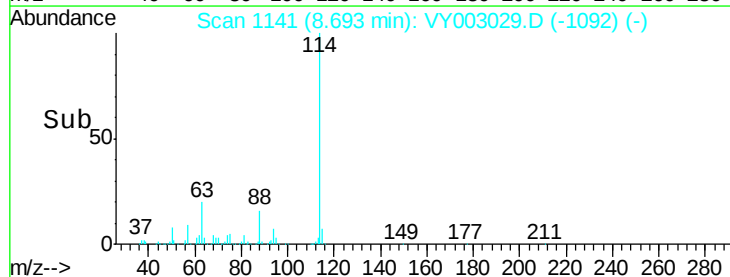
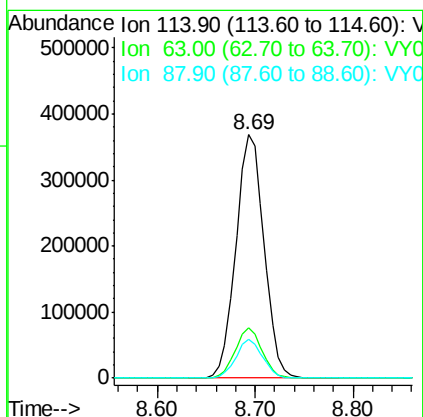
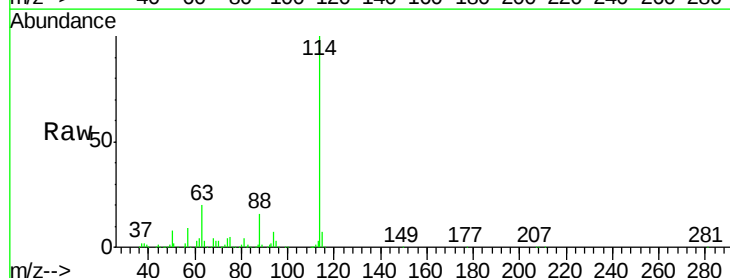
Instrument :
 MSVOA_Y
 ClientSampleId :

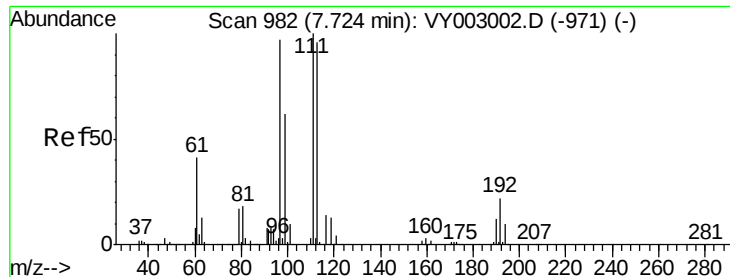
Tot Ion: 65 Resp: 239166
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 114 Resp: 736122
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.8 0.0 30.0

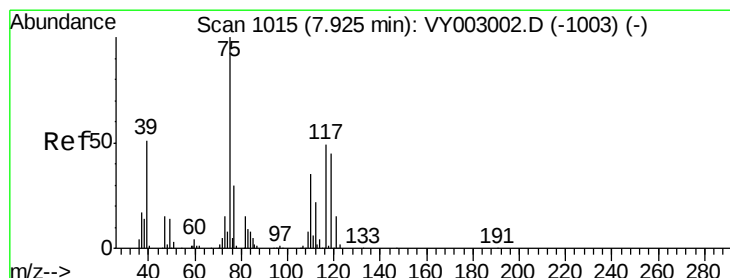
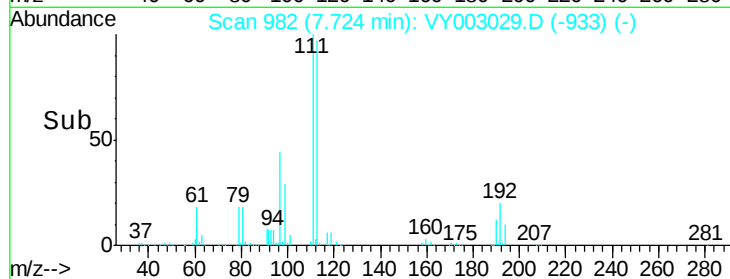
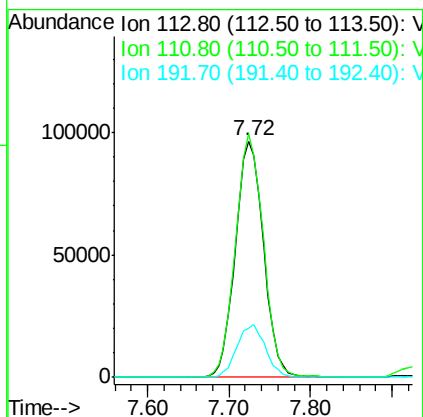
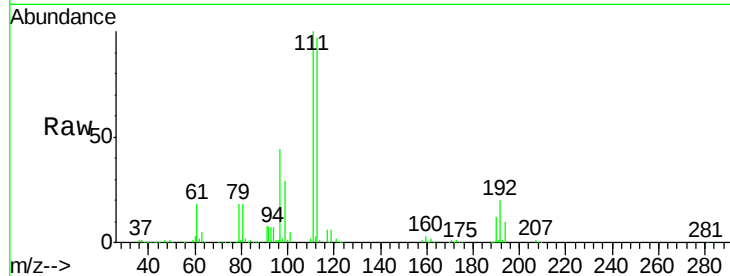




#35
 Dibromofluoromethane
 Concen: 50.048 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

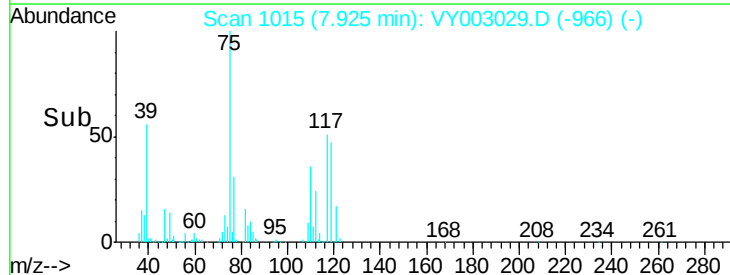
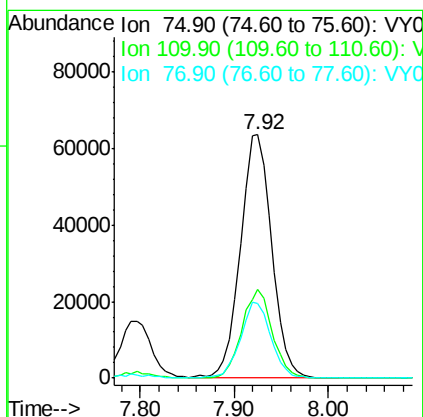
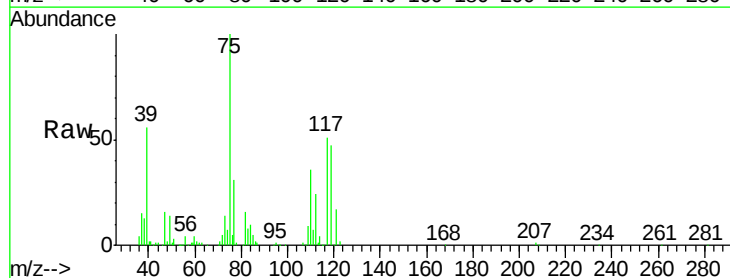
Instrument :
 MSVOA_Y
 ClientSampled :

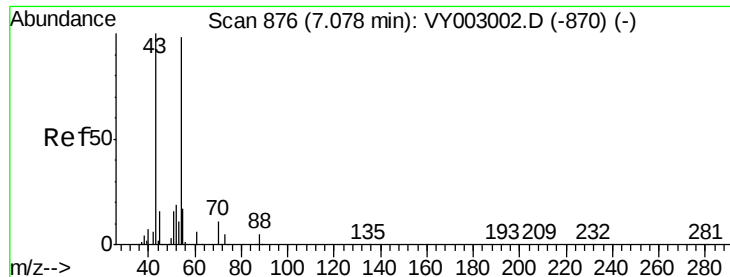
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	22.6	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 20.942 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.1	51.2
77	30.4	24.9	37.3

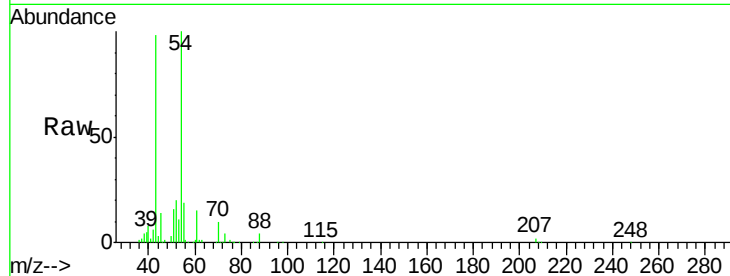




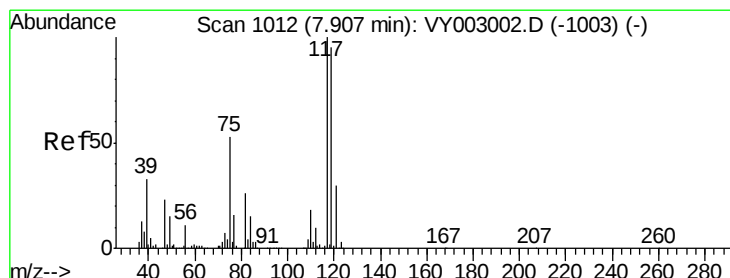
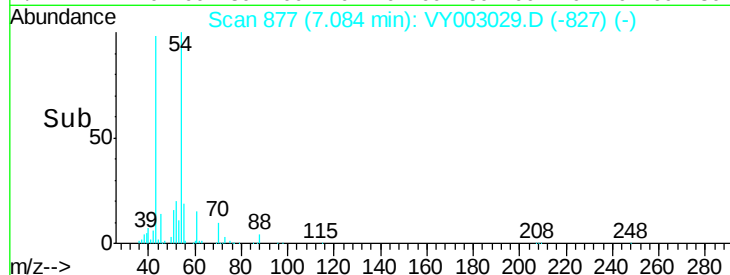
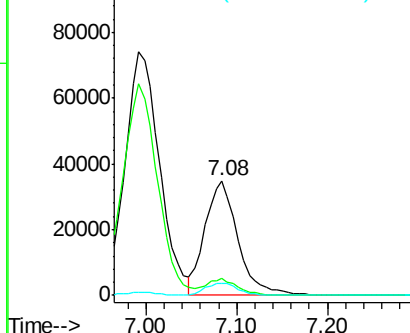
#37
Ethyl Acetate
Concen: 20.592 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 87789
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.9 7.7 11.5

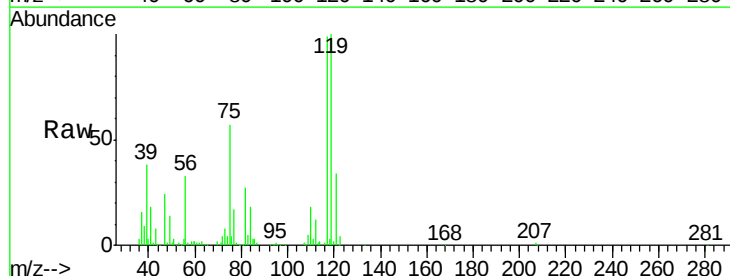


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

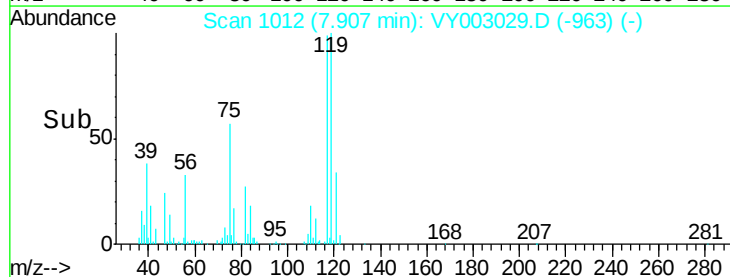
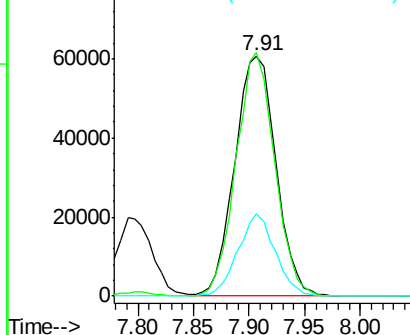


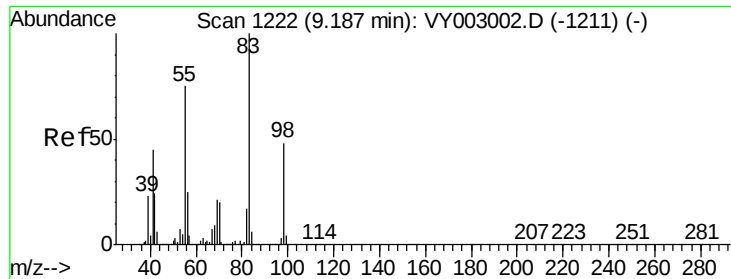
#38
Carbon Tetrachloride
Concen: 21.236 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 117 Resp: 156666
Ion Ratio Lower Upper
117 100
119 101.5 75.7 113.5
121 34.2 23.9 35.9



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

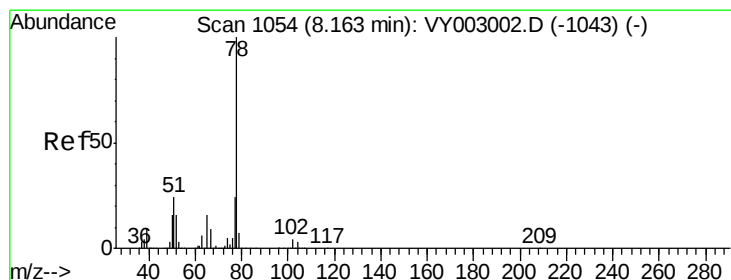
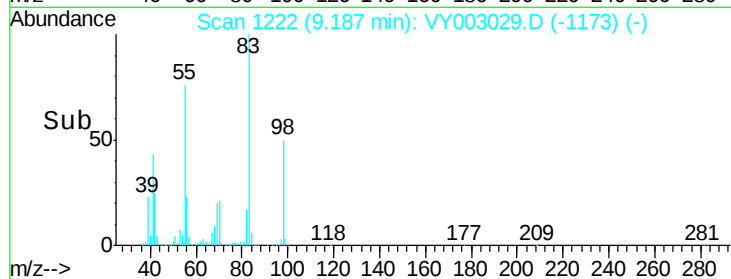
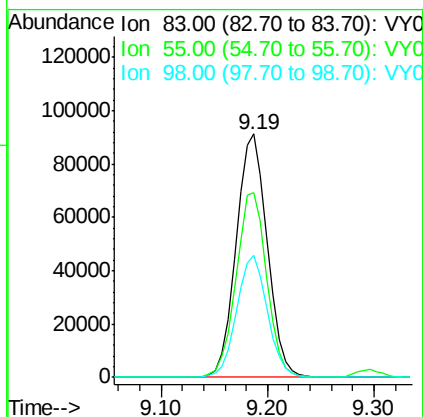
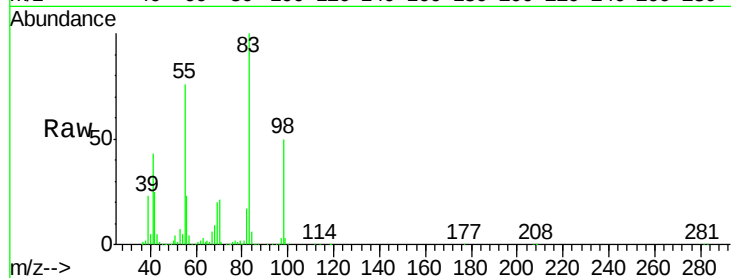




#39
Methvlcvclohexane
Concen: 21.276 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

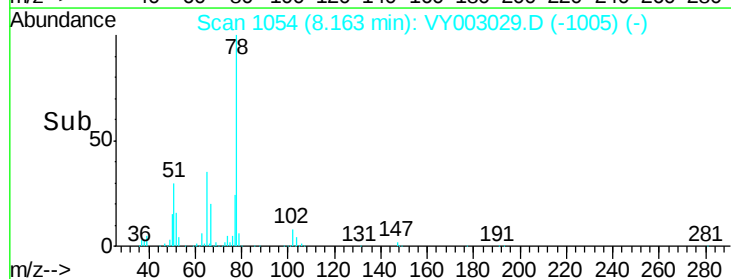
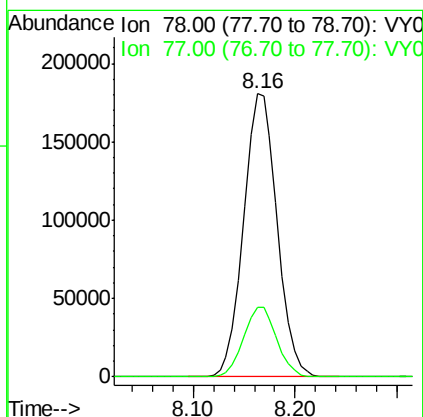
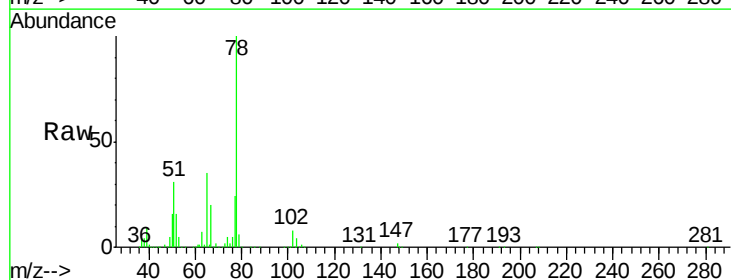
Instrument :
MSVOA_Y
ClientSampleId :

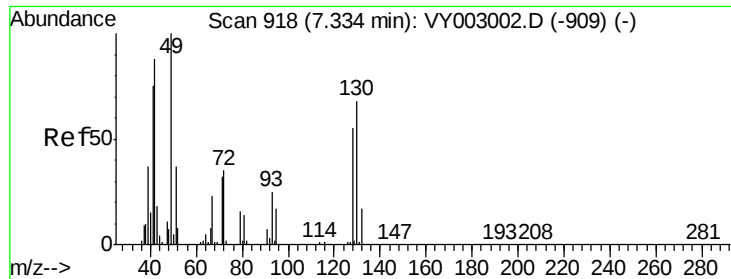
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	59.9	89.9
98	50.0	38.7	58.1



#40
Benzene
Concen: 21.245 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

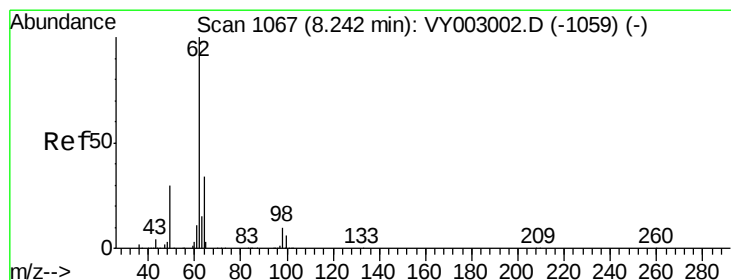
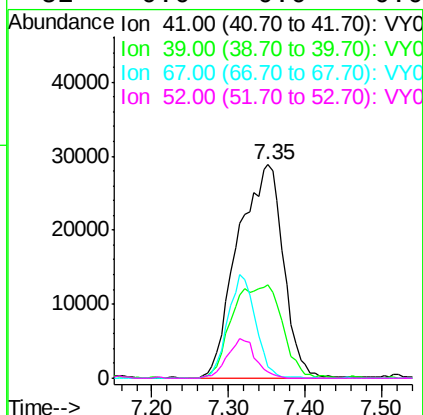
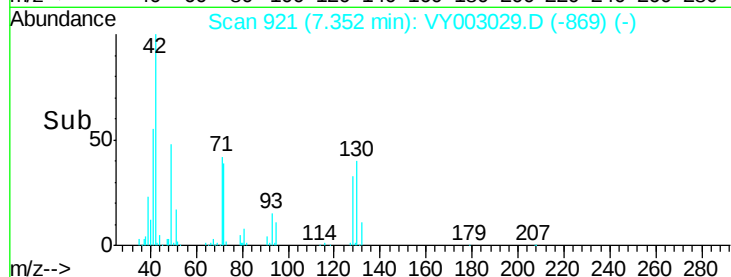
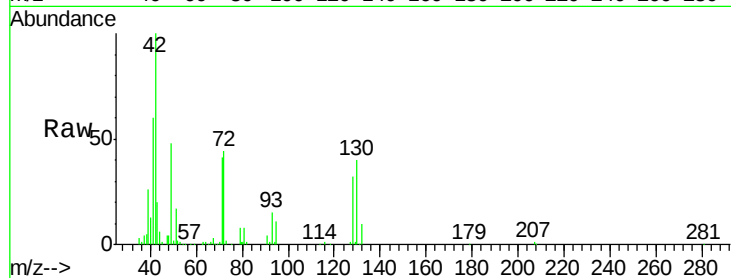




#41
Methacrylonitrile
Concen: 52.635 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

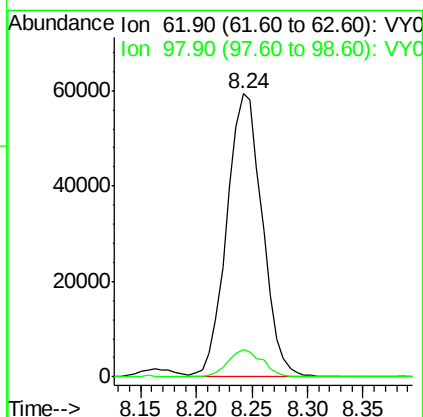
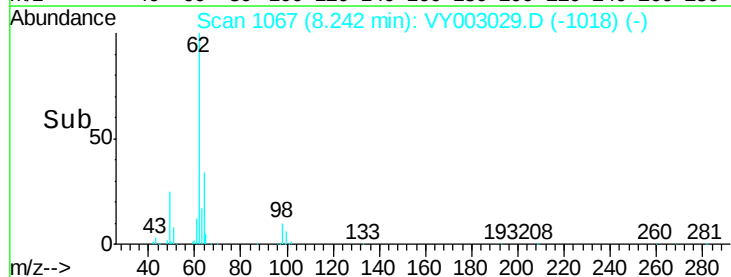
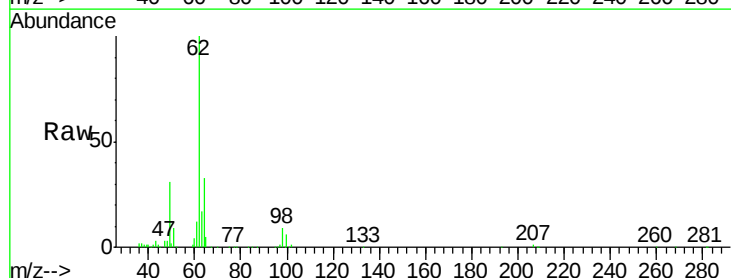
Instrument :
MSVOA_Y
ClientSampled :

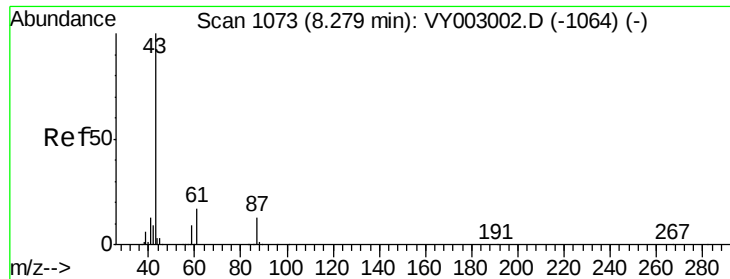
Tot Ion: 41 Resp: 119869
Ion Ratio Lower Upper
41 100
39 0.0 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.349 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 62 Resp: 131110
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2

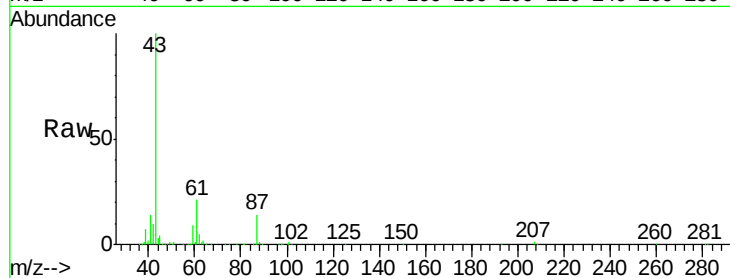




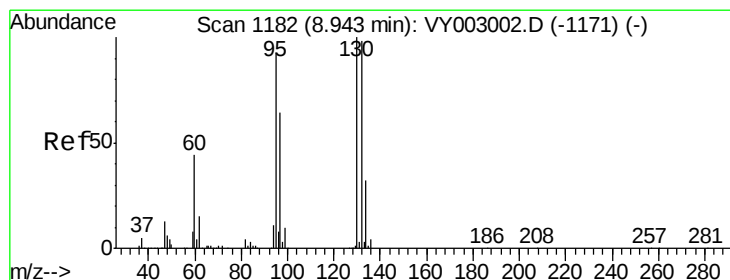
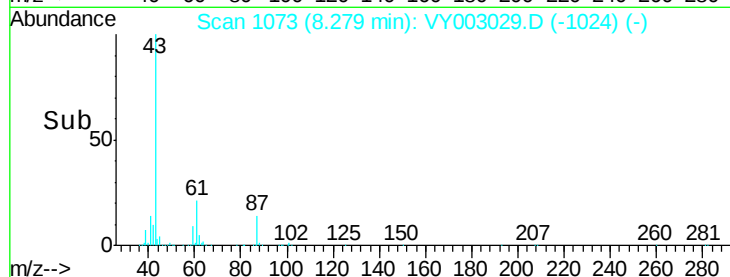
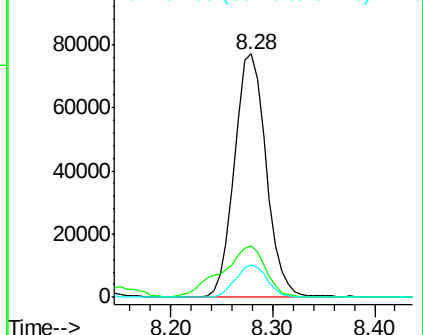
#43
Isopropyl Acetate
Concen: 20.539 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	43	Resp	166466
Ion Ratio	Lower	Upper	
43	100		
61	29.4	21.8	32.6
87	13.4	10.1	15.1

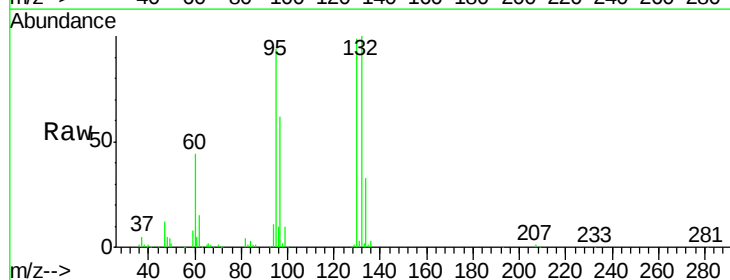


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

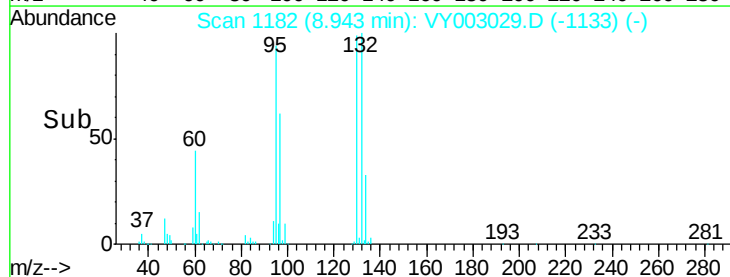
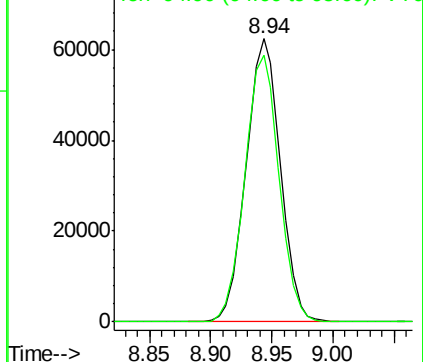


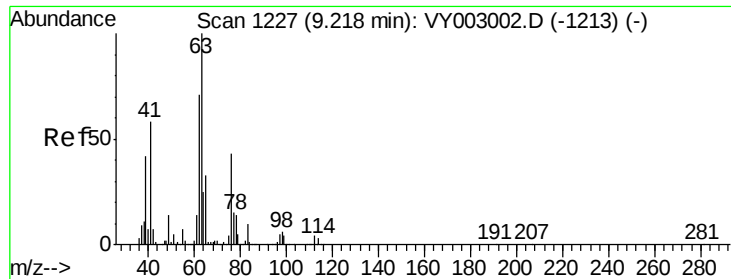
#44
Trichloroethene
Concen: 21.566 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	130	Resp	121678
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	186.4



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

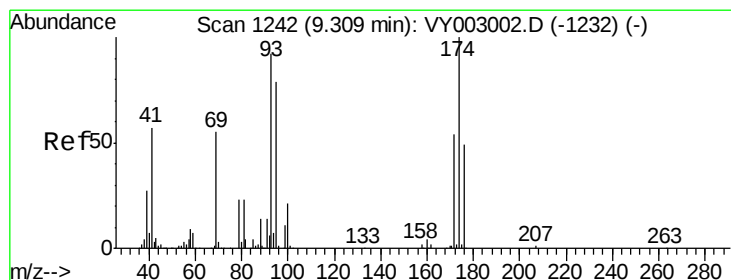
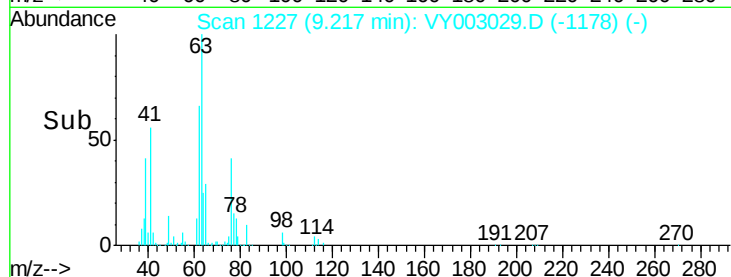
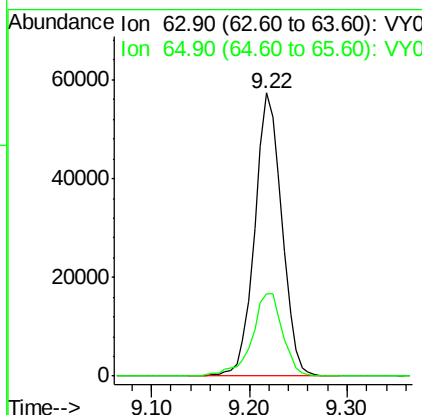
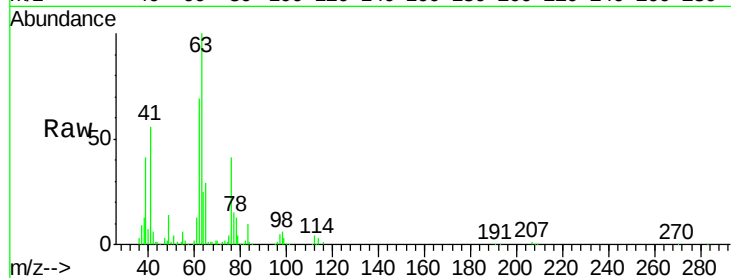




#45
 1,2-Dichloropropane
 Concen: 21.057 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

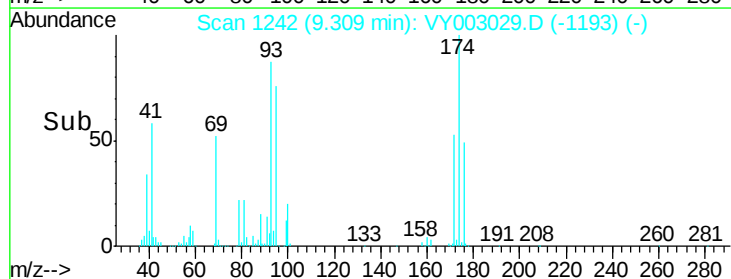
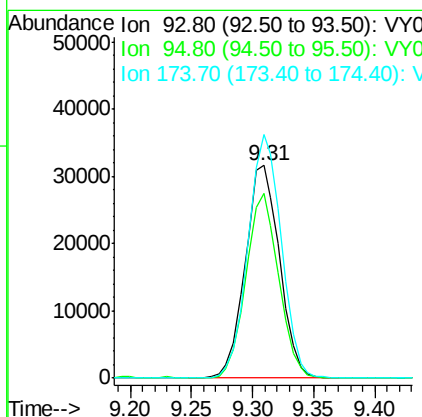
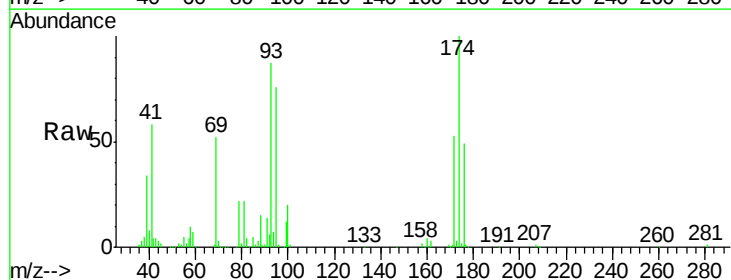
Instrument :
 MSVOA_Y
 ClientSampleId :

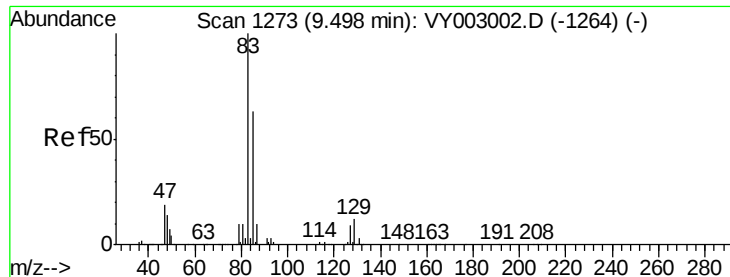
Tot Ion: 63 Resp: 109973
 Ion Ratio Lower Upper
 63 100
 65 29.3 26.2 39.4



#46
 Dibromomethane
 Concen: 21.164 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 93 Resp: 61732
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 111.7 88.3 132.5





#47

Bromodichloromethane

Concen: 21.184 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

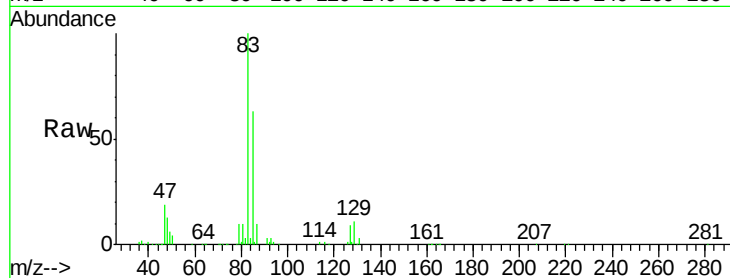
Tot Ion: 83 Resp: 151305

Ion Ratio Lower Upper

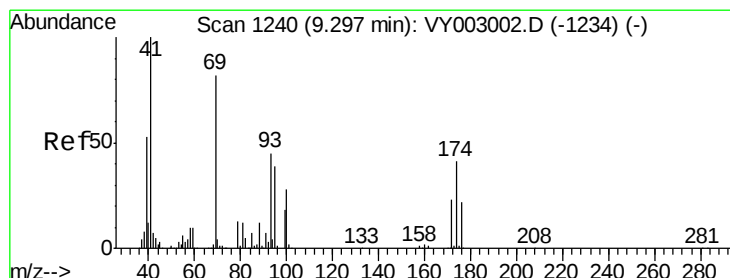
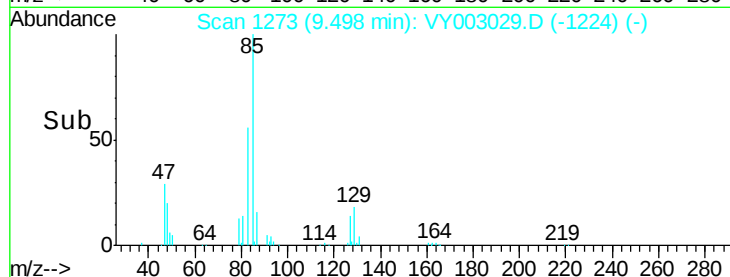
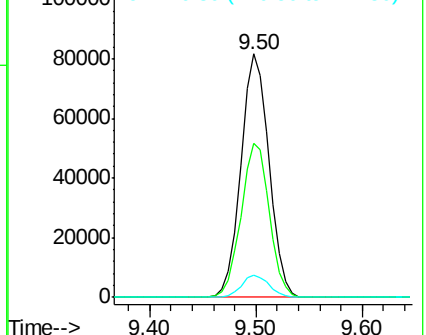
83 100

85 63.3 50.5 75.7

127 8.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.827 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

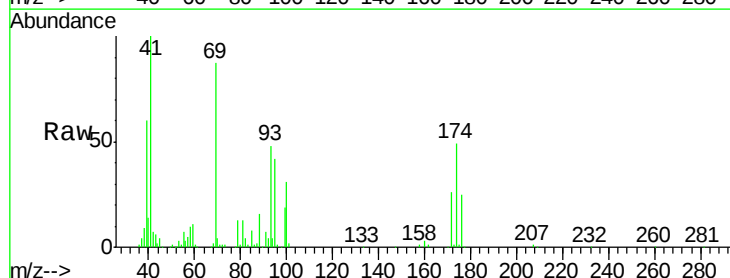
Tgt Ion: 41 Resp: 73141

Ion Ratio Lower Upper

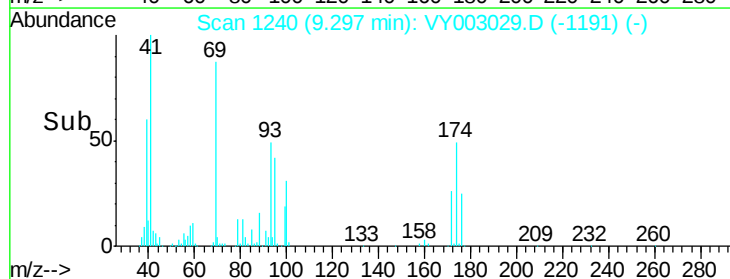
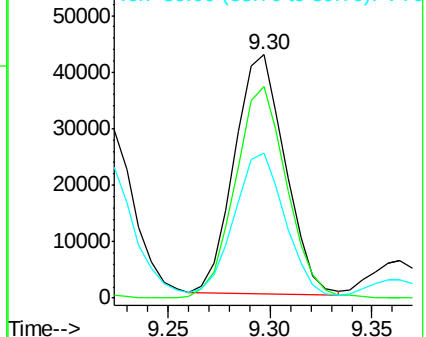
41 100

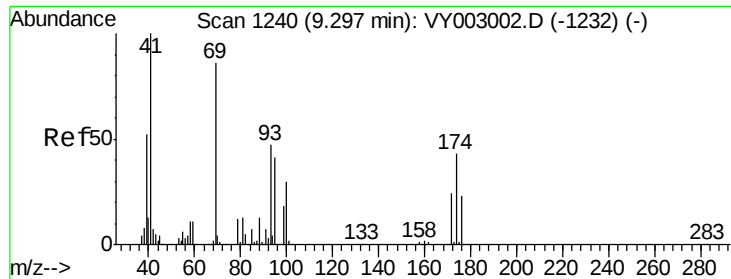
69 90.3 67.7 101.5

39 62.2 45.0 67.4



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

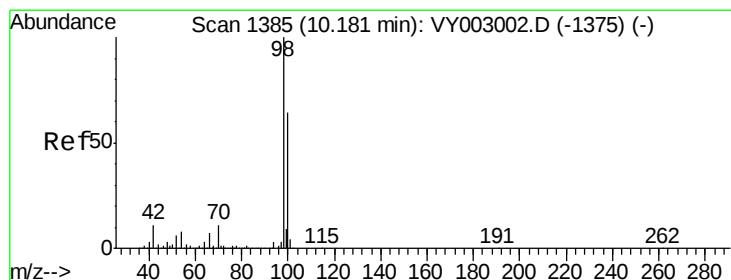
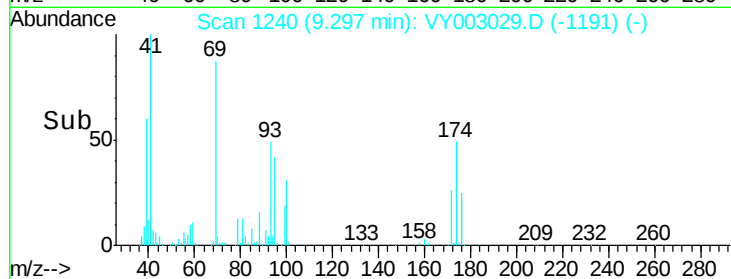
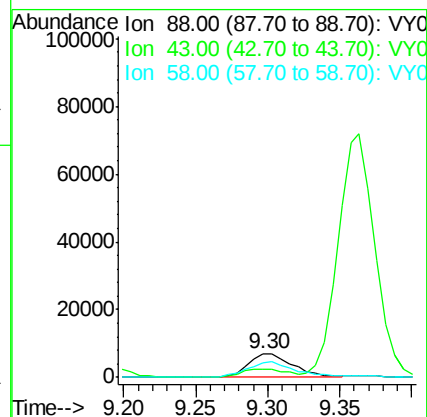
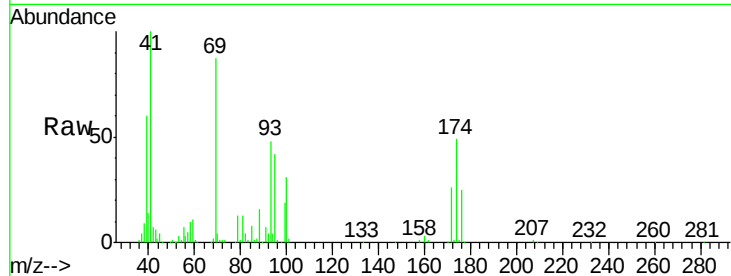




#49
1,4-Dioxane
Concen: 429.021 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

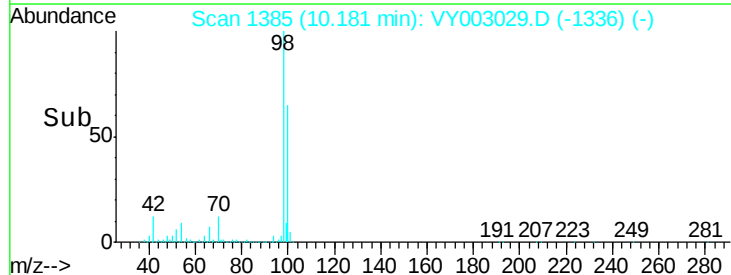
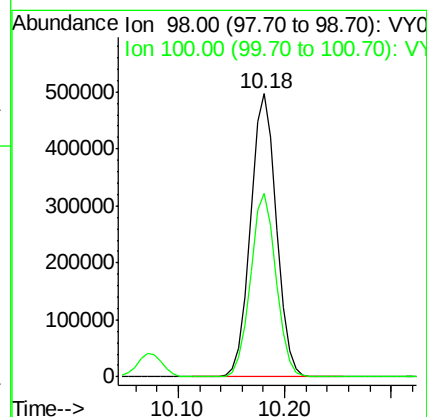
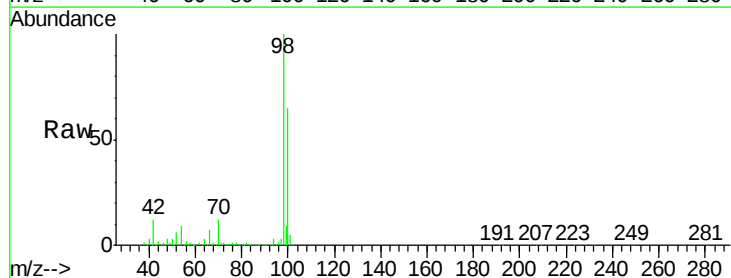
Instrument :
MSVOA_Y
ClientSampled :

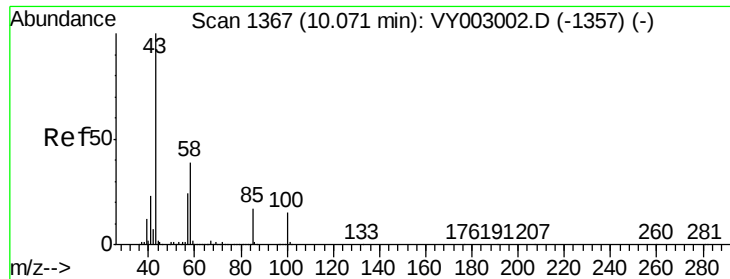
Tot Ion: 88 Resp: 15276
Ion Ratio Lower Upper
88 100
43 34.6 28.6 42.8
58 70.5 56.7 85.1



#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 98 Resp: 845847
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 103.970 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

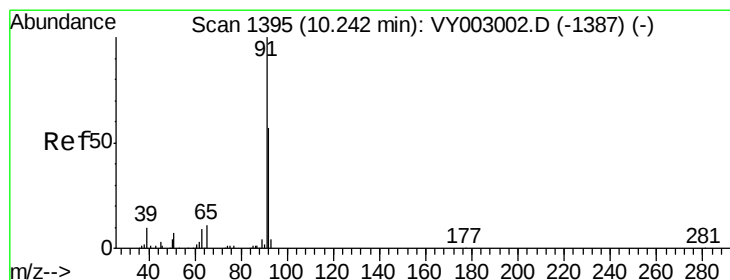
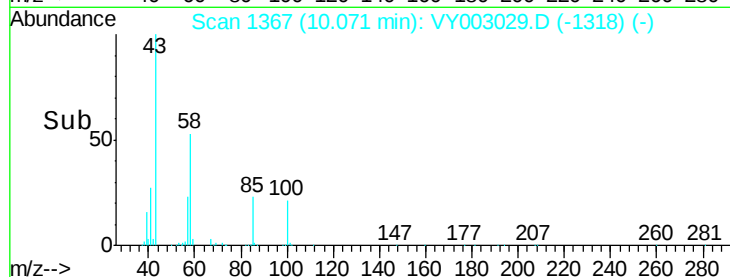
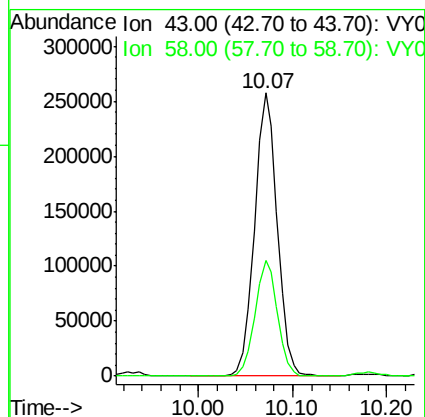
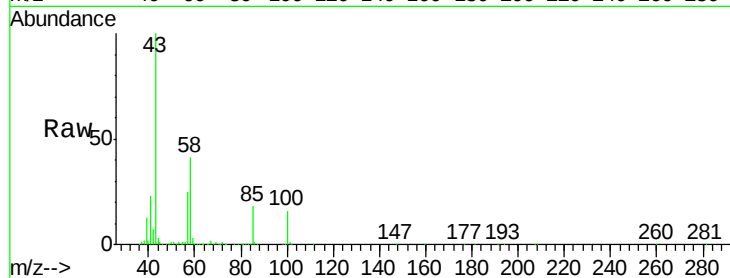
ClientSampleId :

Tot Ion: 43 Resp: 435525

Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7



#52

Toluene

Concen: 21.274 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003029.D

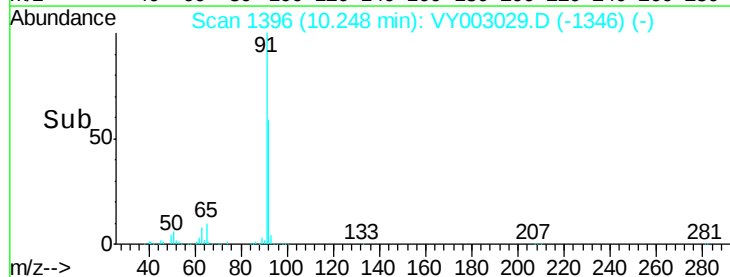
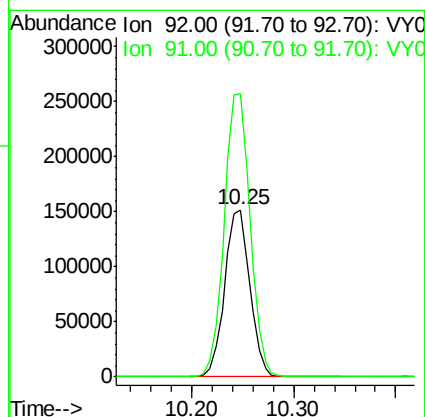
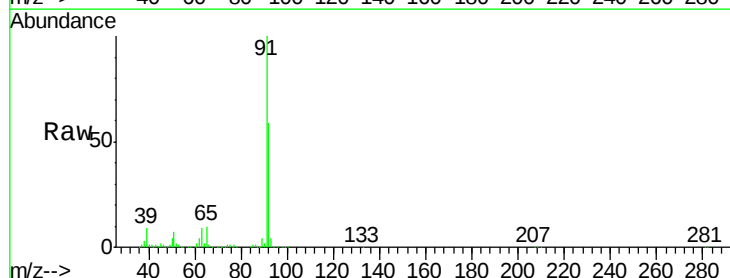
Acq: 30 Jun 2020 12:04

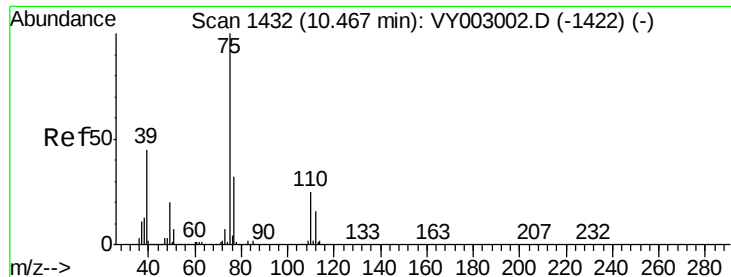
Tgt Ion: 92 Resp: 259974

Ion Ratio Lower Upper

92 100

91 174.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.933 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

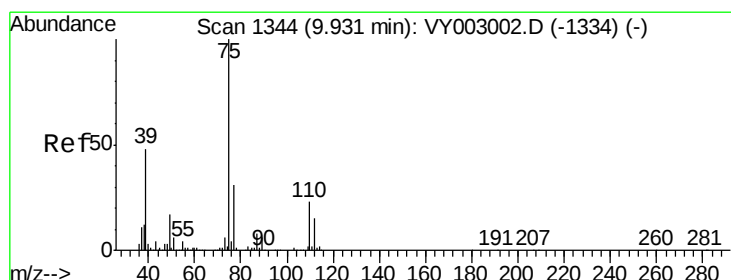
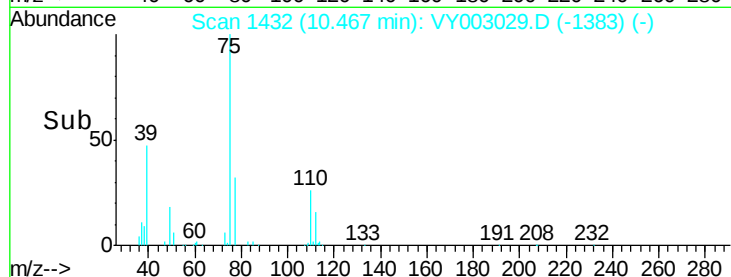
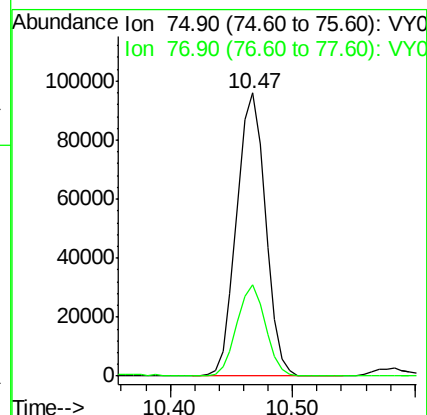
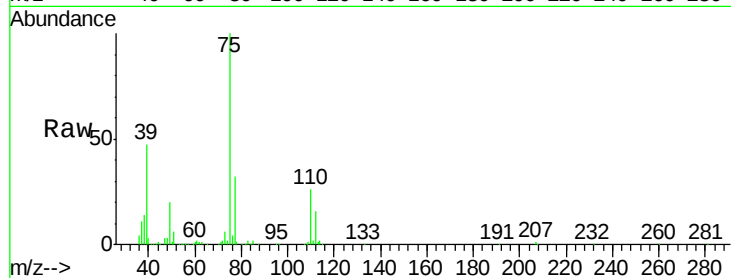
ClientSampled :

Tot Ion: 75 Resp: 156755

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.108 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

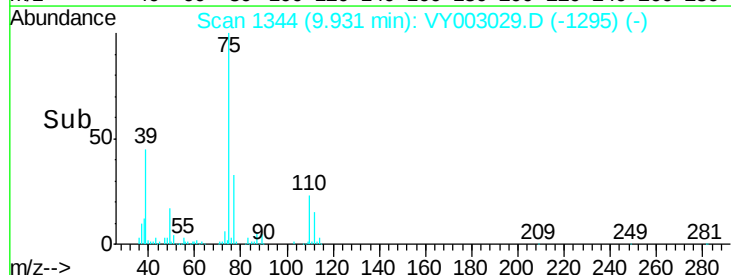
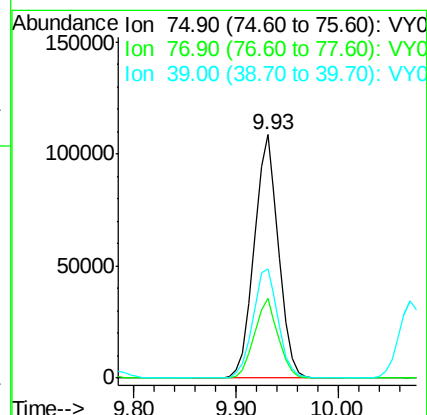
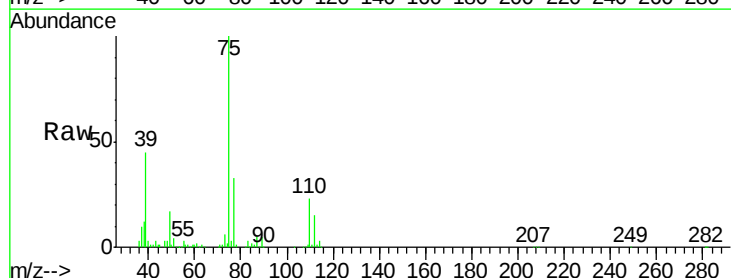
Tgt Ion: 75 Resp: 180773

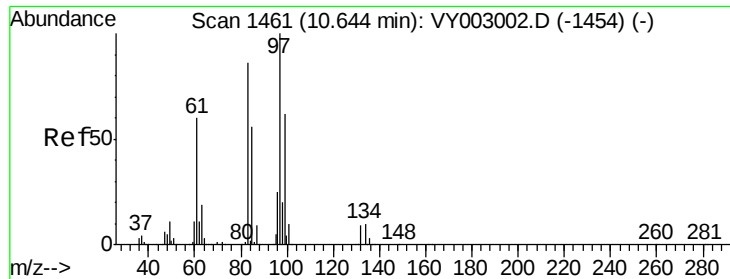
Ion Ratio Lower Upper

75 100

77 33.0 24.6 37.0

39 44.9 38.3 57.5

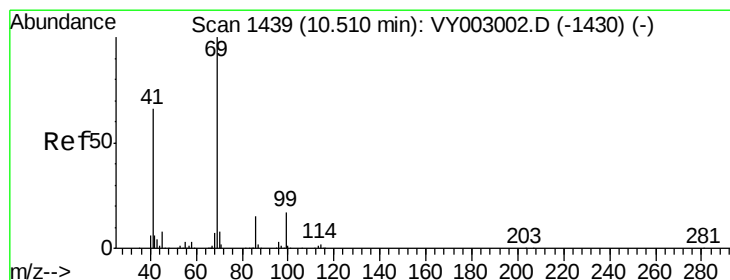
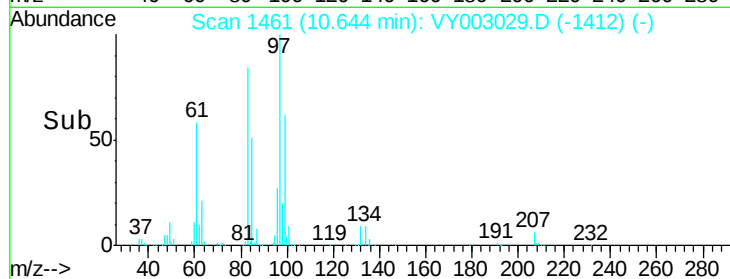
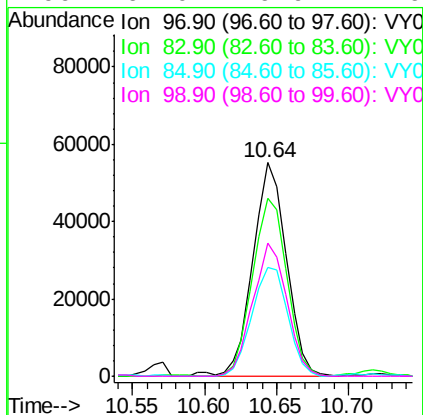
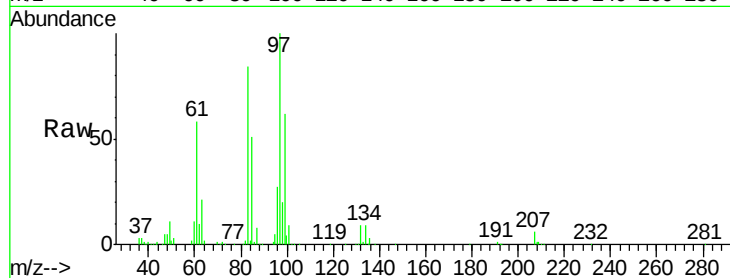




#55
 1,1,2-Trichloroethane
 Concen: 21.979 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

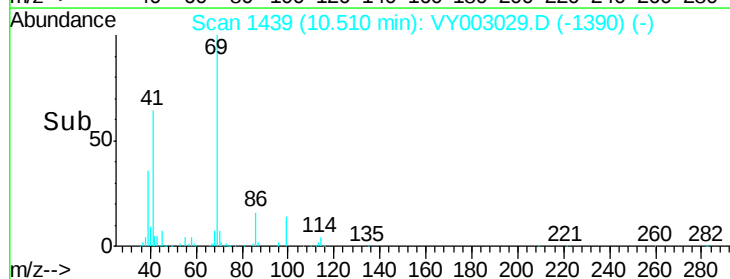
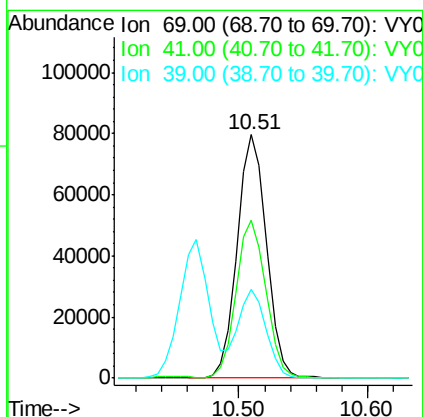
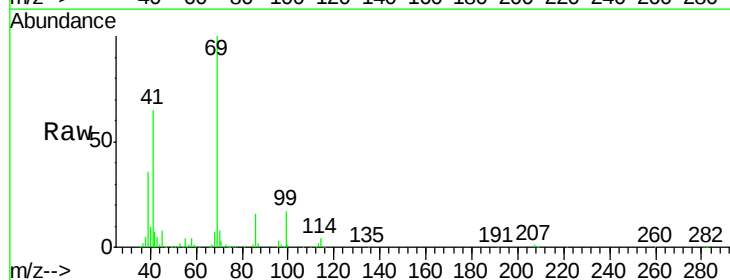
Instrument :
 MSVOA_Y
 ClientSampleId :

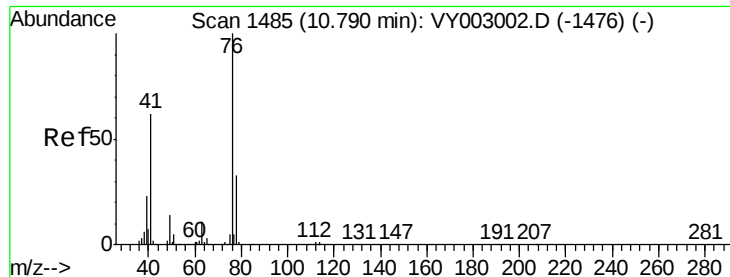
Tot Ion: 97 Resp: 89088
 Ion Ratio Lower Upper
 97 100
 83 83.3 69.0 103.6
 85 50.4 44.8 67.2
 99 62.0 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 21.391 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 69 Resp: 125510
 Ion Ratio Lower Upper
 69 100
 41 64.8 53.7 80.5
 39 36.6 28.3 42.5





#57

1,3-Dichloropropane

Concen: 21.409 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

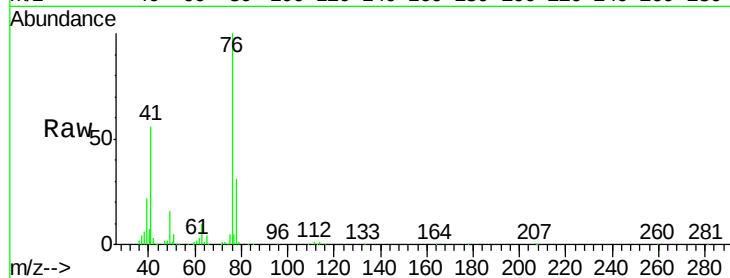
ClientSampleId :

Tot Ion: 76 Resp: 152338

Ion Ratio Lower Upper

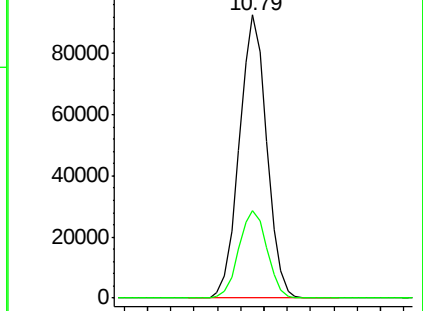
76 100

78 32.0 26.0 39.0

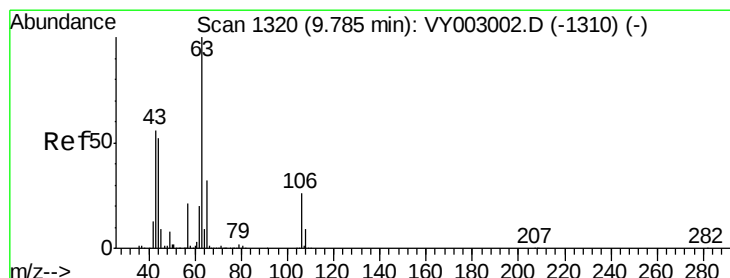
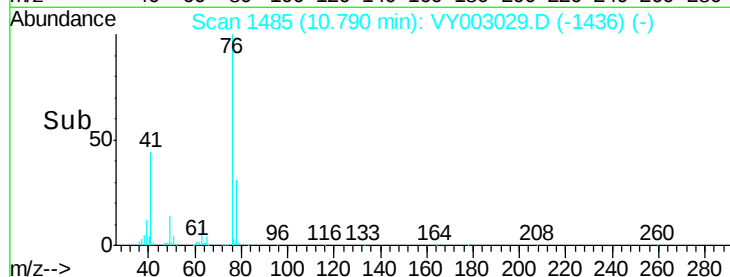


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 90.315 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003029.D

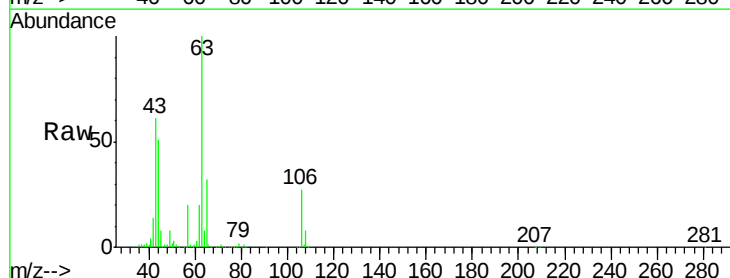
Acq: 30 Jun 2020 12:04

Tgt Ion: 63 Resp: 271777

Ion Ratio Lower Upper

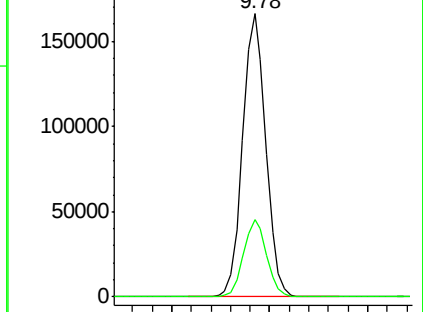
63 100

106 27.2 21.5 32.3

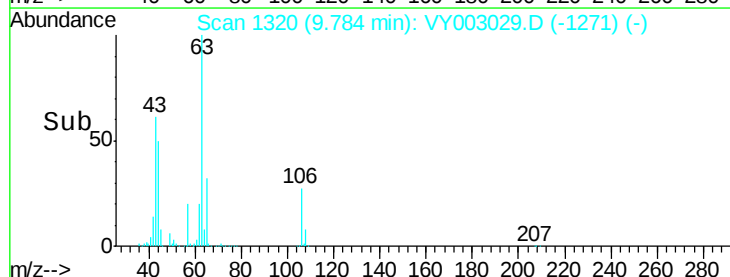


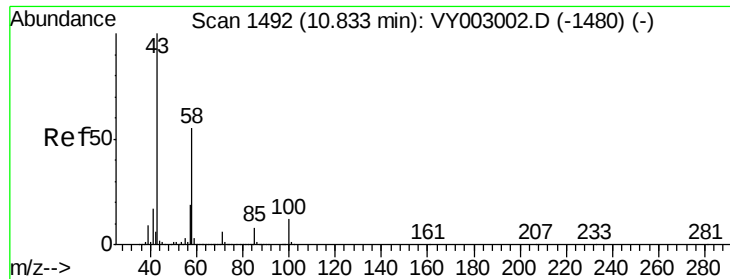
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

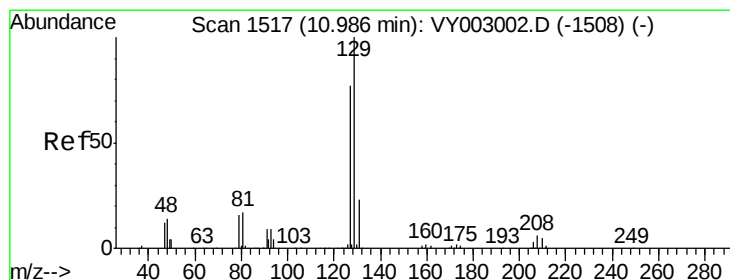
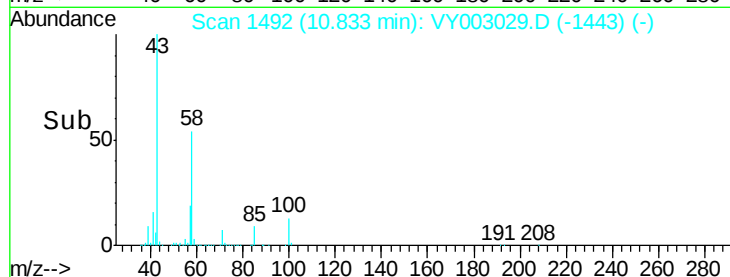
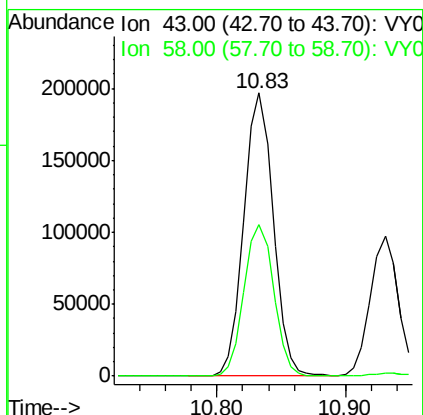
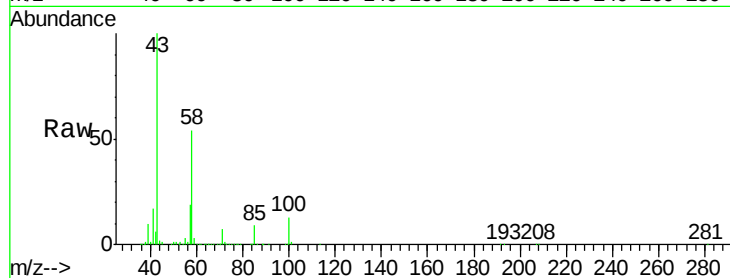




#59
2-Hexanone
Concen: 106.300 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

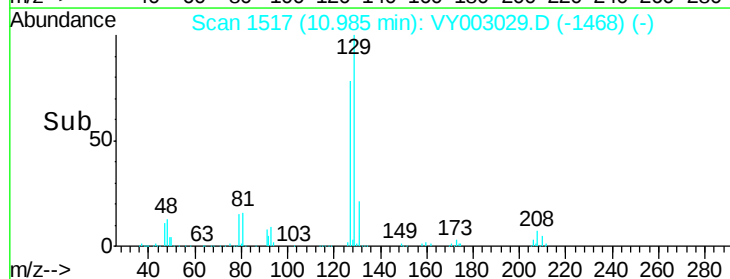
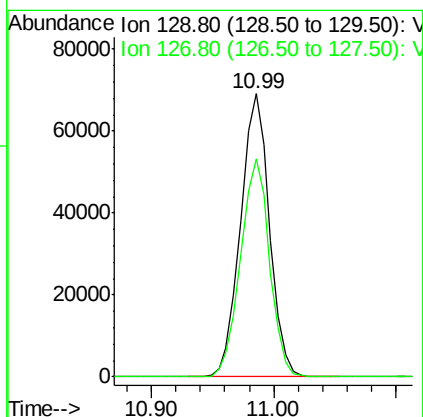
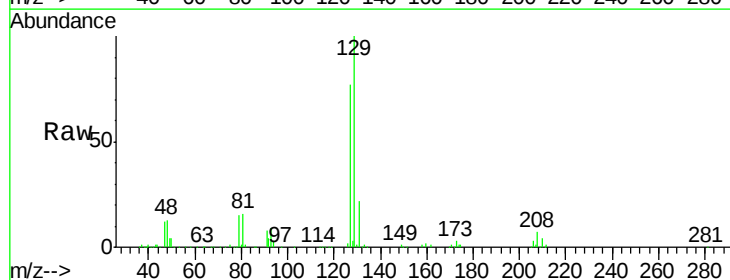
Instrument :
MSVOA_Y
ClientSampled :

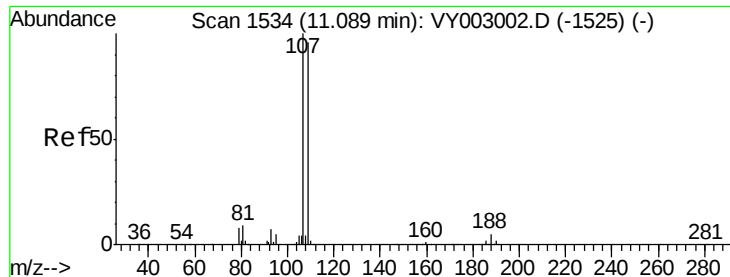
Tot Ion: 43 Resp: 311239
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.4



#60
Dibromochloromethane
Concen: 21.784 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 129 Resp: 112997
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

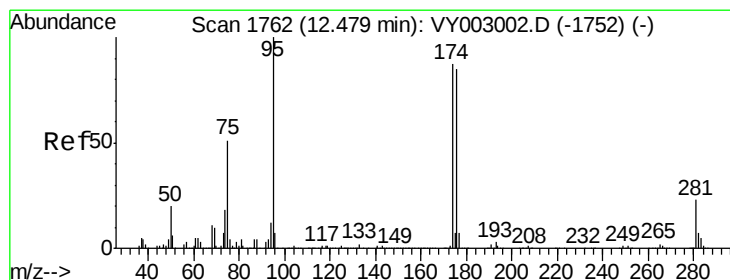
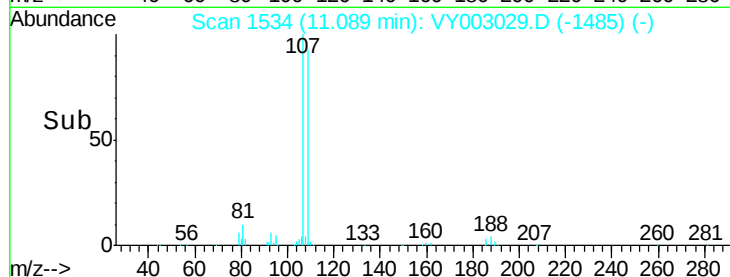
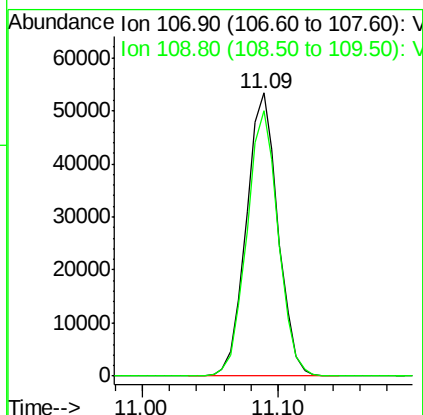
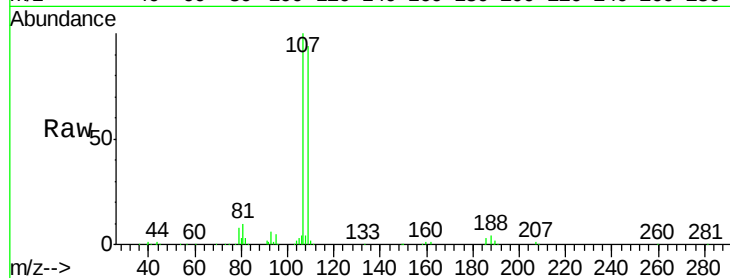




#61
 1,2-Dibromoethane
 Concen: 21.752 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

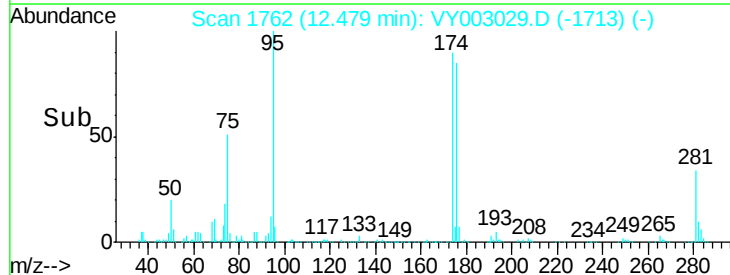
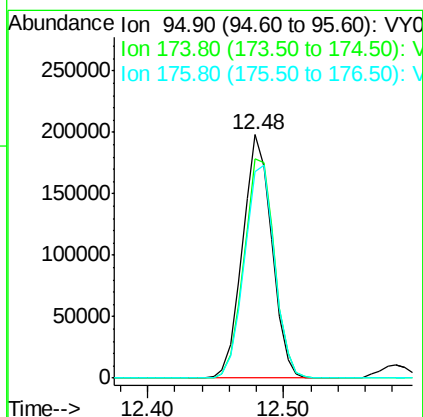
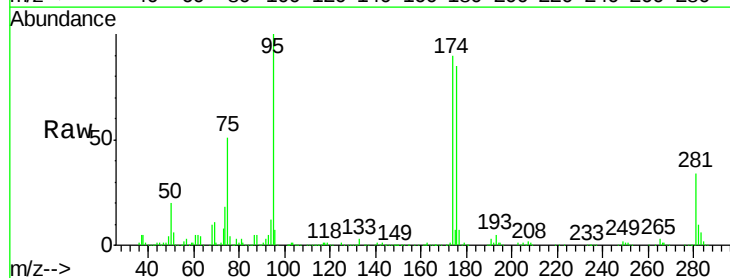
Instrument :
 MSVOA_Y
 ClientSampleId :

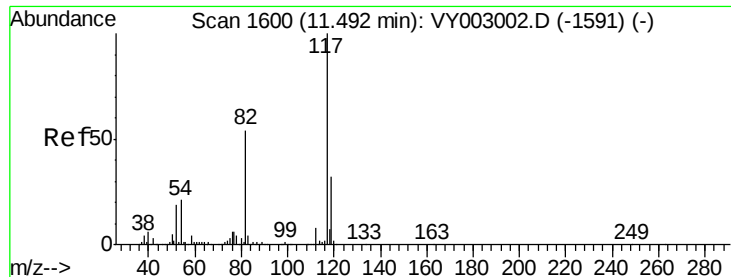
Tot Ion: 107 Resp: 86921
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.338 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 95 Resp: 297105
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 184.8
 176 91.0 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

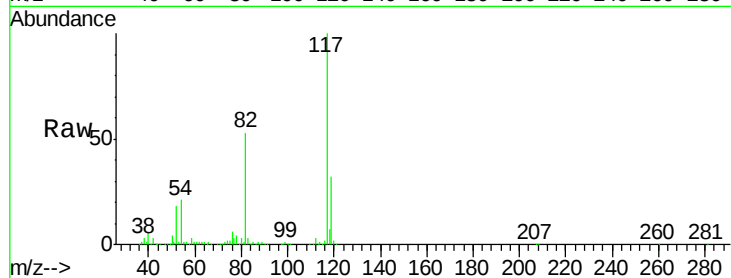
Tot Ion:117 Resp: 675469

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.6

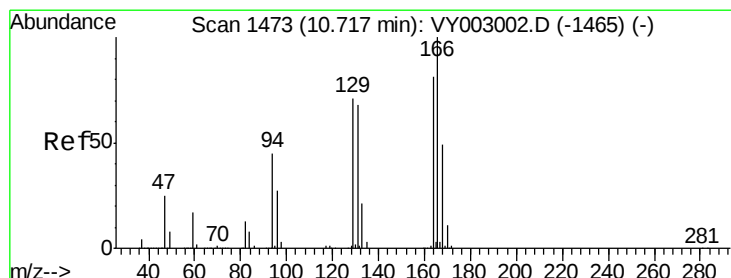
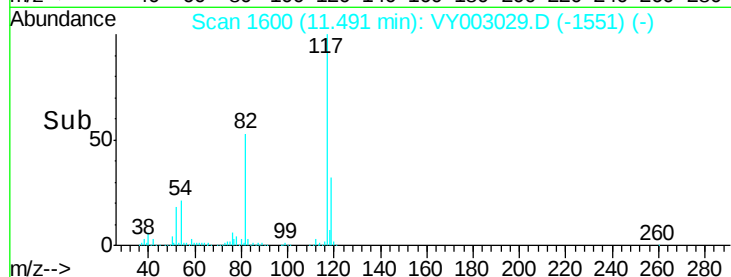
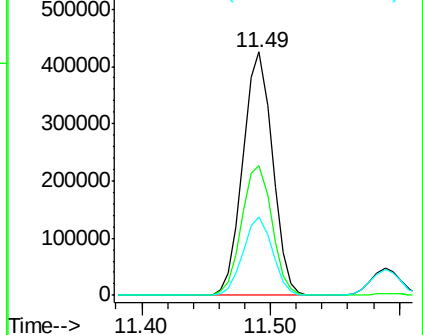
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.453 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:164 Resp: 122643

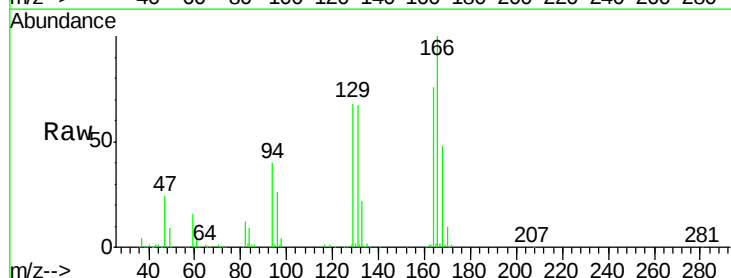
Ion Ratio Lower Upper

164 100

166 130.8 98.5 147.7

129 89.1 69.7 104.5

131 87.5 67.2 100.8

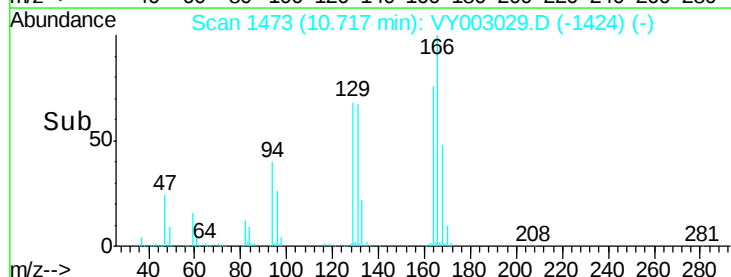
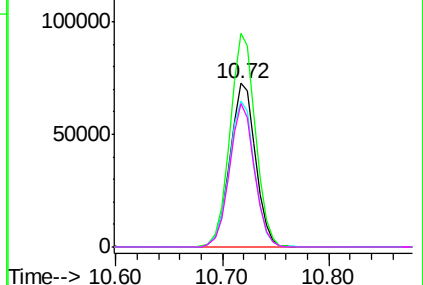


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

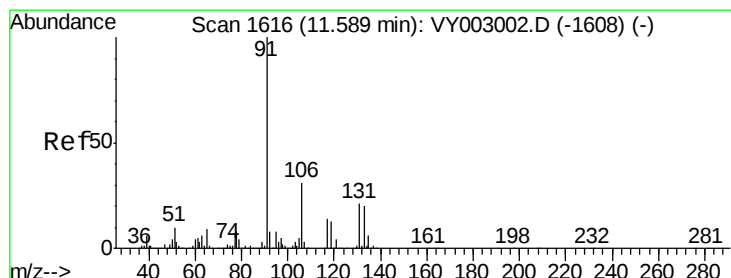
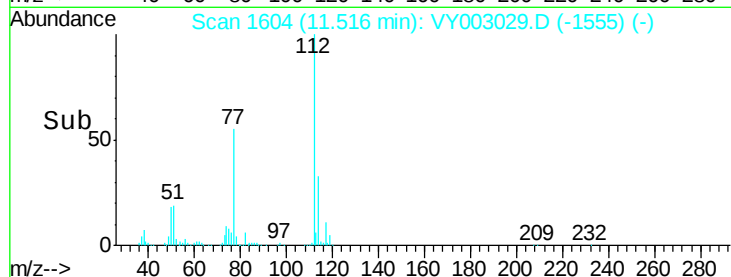
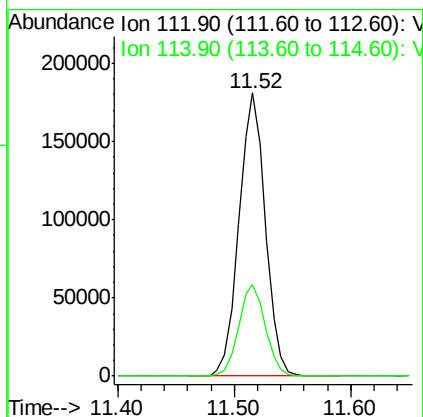
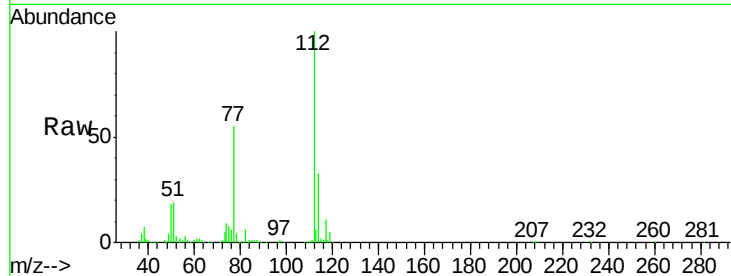




#65
Chlorobenzene
Concen: 21.450 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

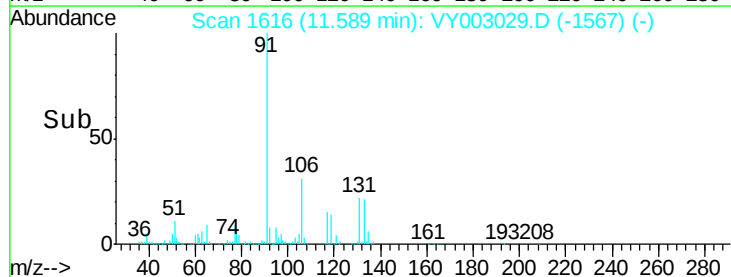
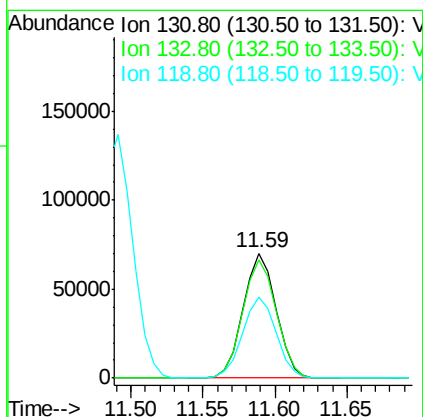
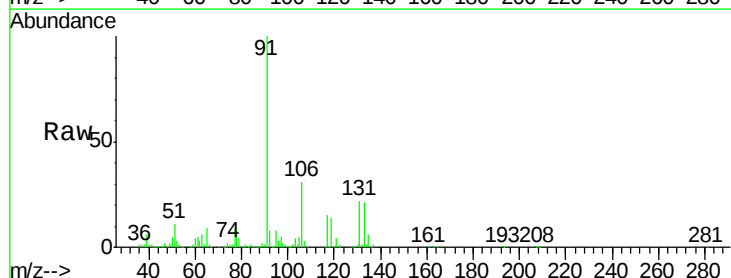
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:112 Resp: 285694
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.244 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion:131 Resp: 110470
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.8
119 66.0 31.8 95.3





#67

Ethyl Benzene

Concen: 21.252 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

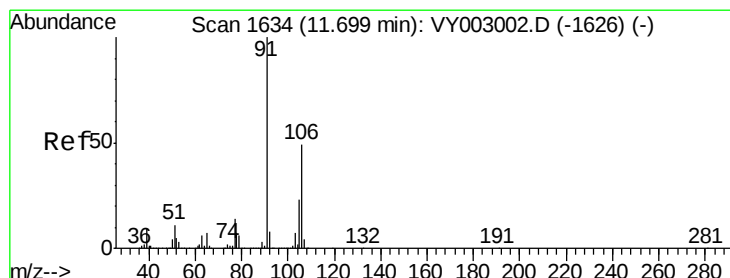
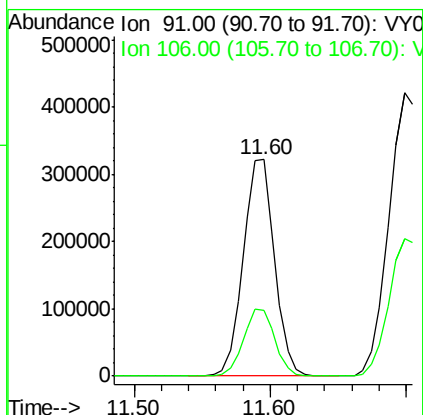
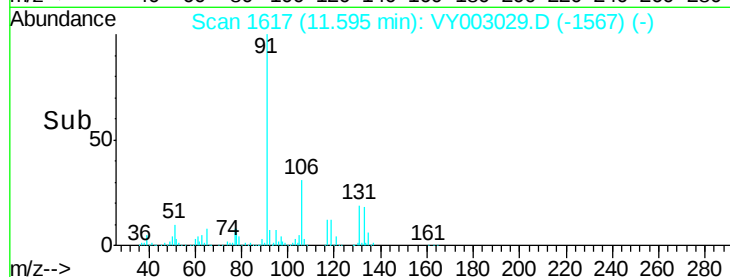
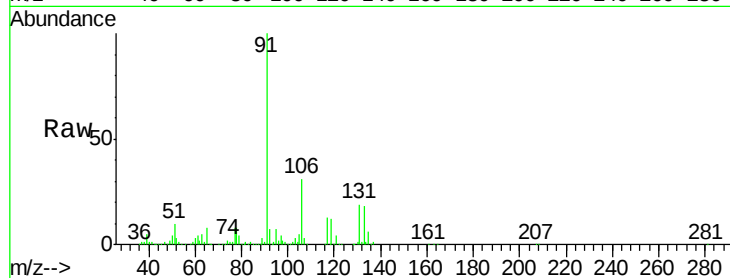
ClientSampleId :

Tot Ion: 91 Resp: 517839

Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4



#68

m/p-Xylenes

Concen: 42.226 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003029.D

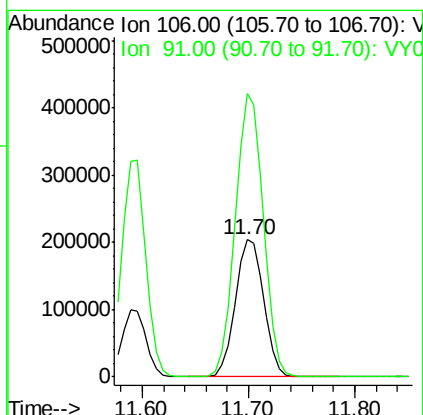
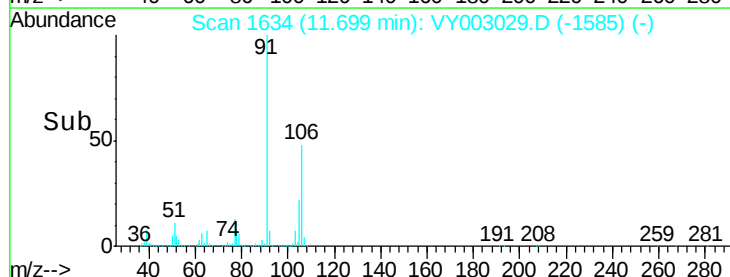
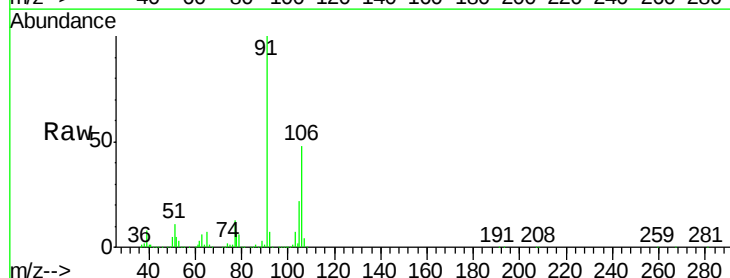
Acq: 30 Jun 2020 12:04

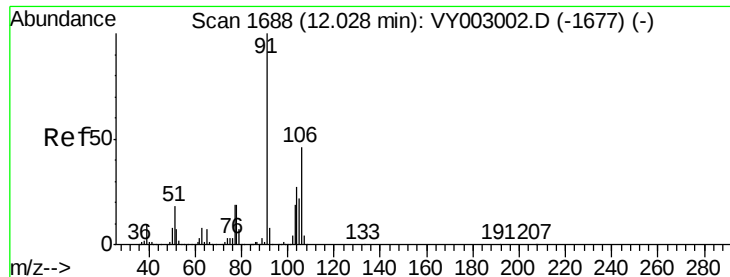
Tgt Ion: 106 Resp: 382928

Ion Ratio Lower Upper

106 100

91 203.0 161.9 242.9

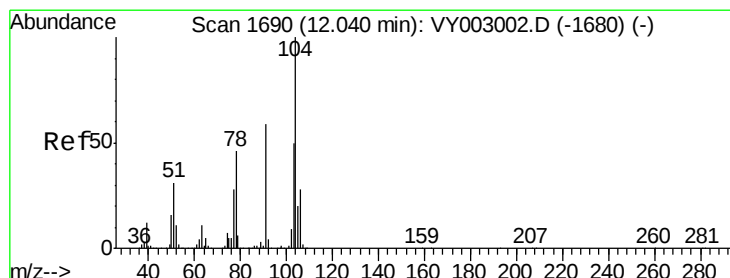
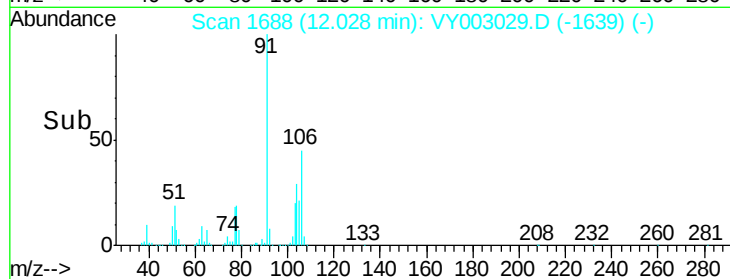
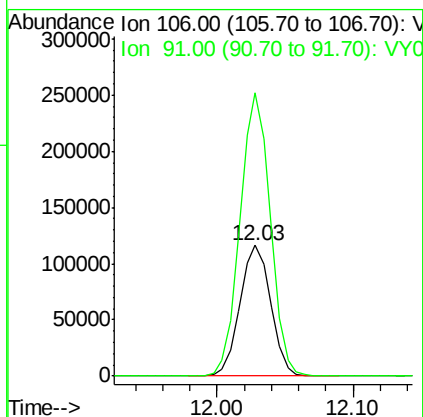
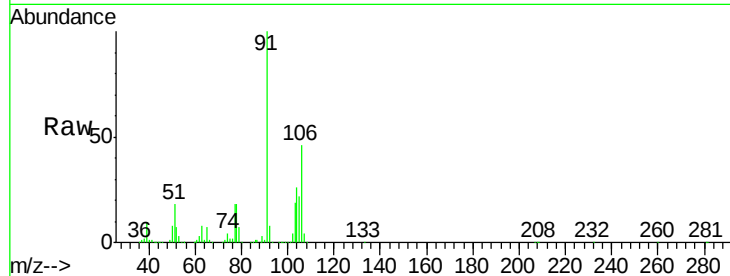




#69
o-Xylene
Concen: 21.557 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

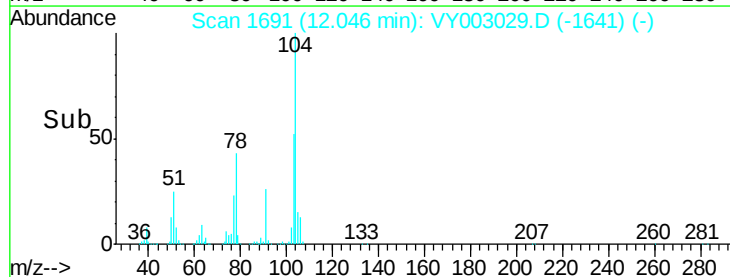
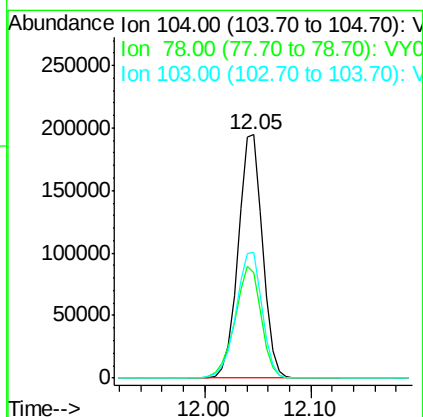
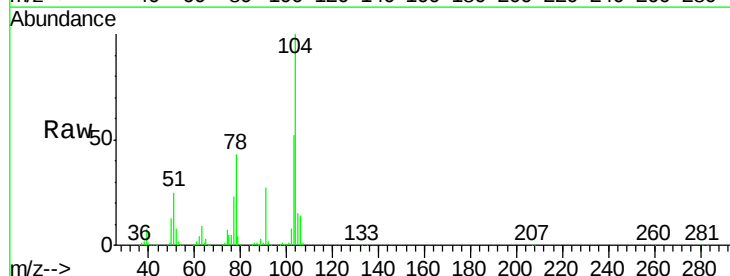
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 184221
Ion Ratio Lower Upper
106 100
91 212.0 107.9 323.8



#70
Styrene
Concen: 21.372 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion:104 Resp: 312015
Ion Ratio Lower Upper
104 100
78 49.4 40.4 60.6
103 55.5 44.1 66.1

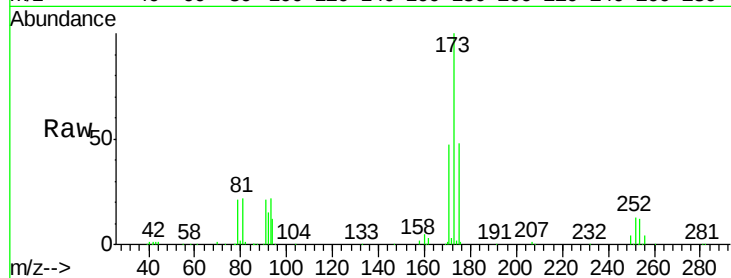




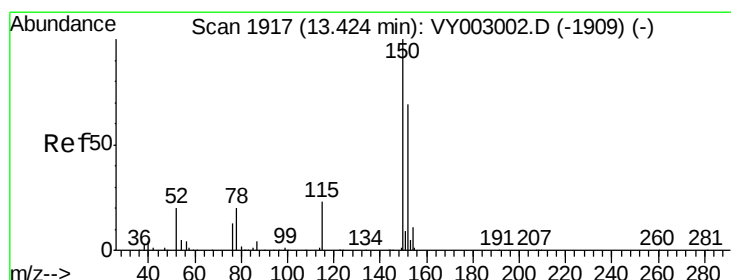
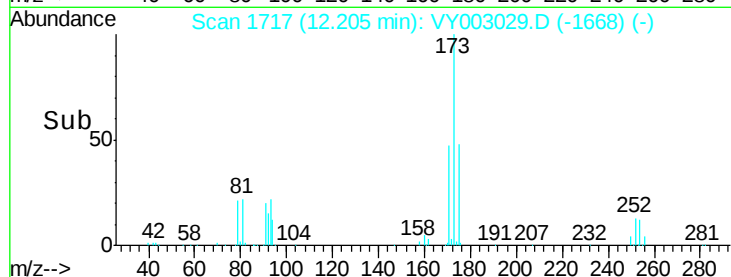
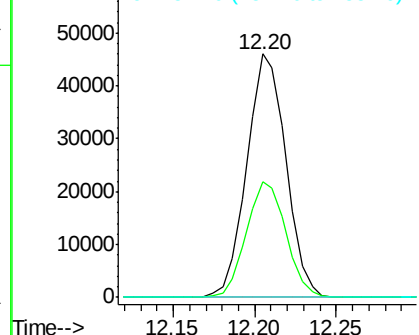
#71
Bromoform
Concen: 22.058 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 76483
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.2 0.2#

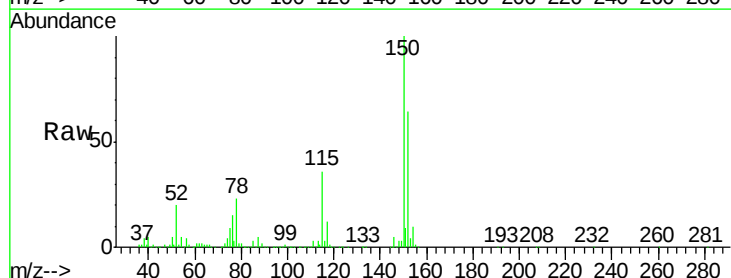


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

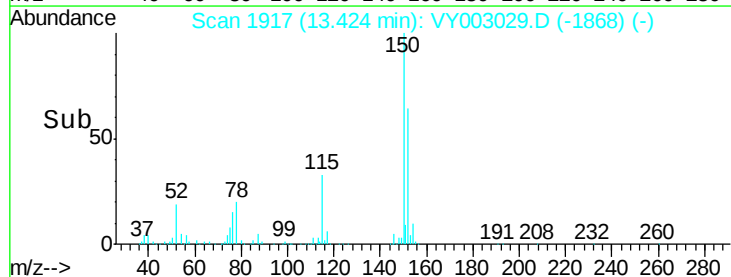
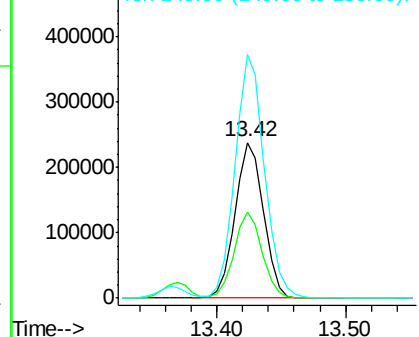


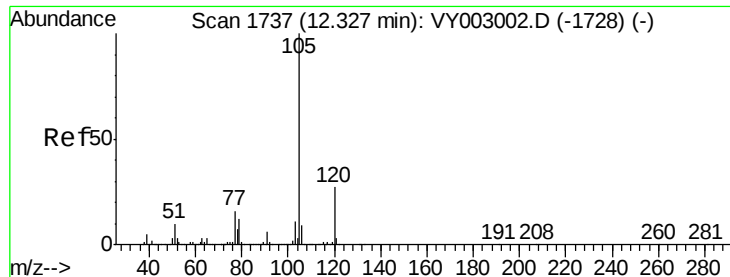
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion:152 Resp: 364699
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 161.6 0.0 343.4



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: 21.105 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

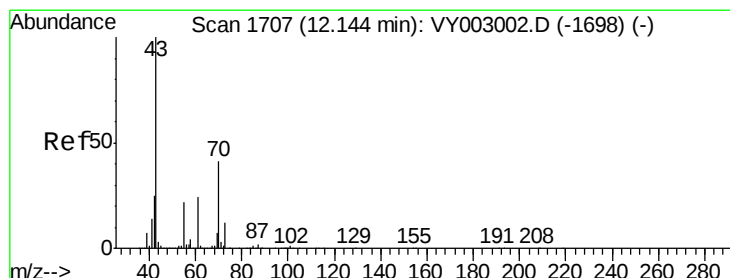
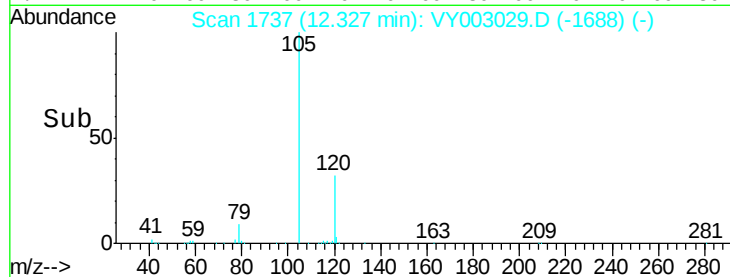
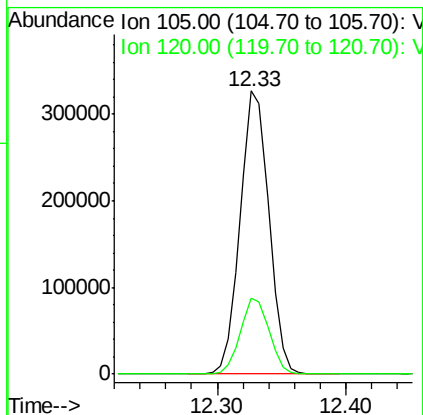
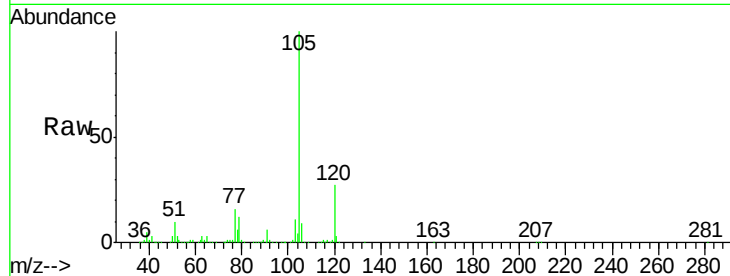
ClientSampleId :

Tot Ion: 105 Resp: 503731

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 20.614 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion: 43 Resp: 160176

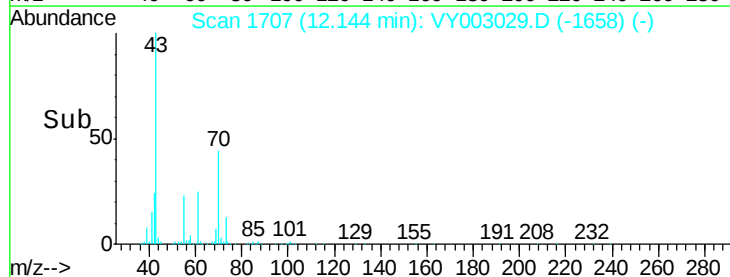
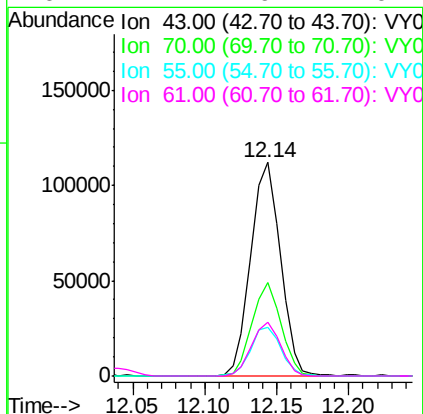
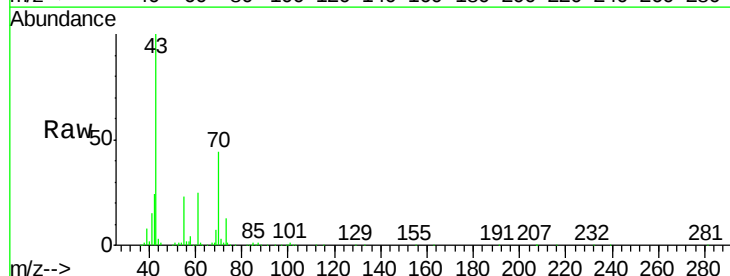
Ion Ratio Lower Upper

43 100

70 42.7 33.0 49.4

55 23.4 18.2 27.2

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

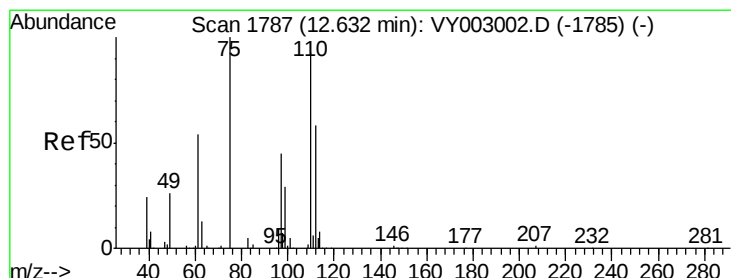
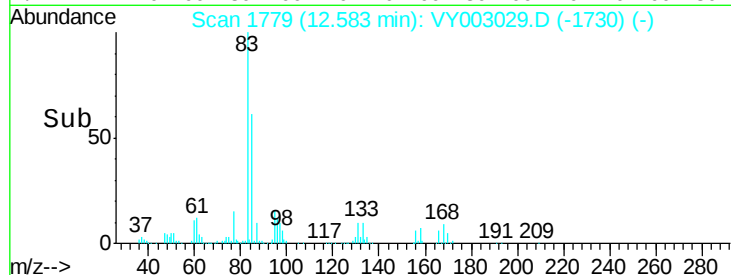
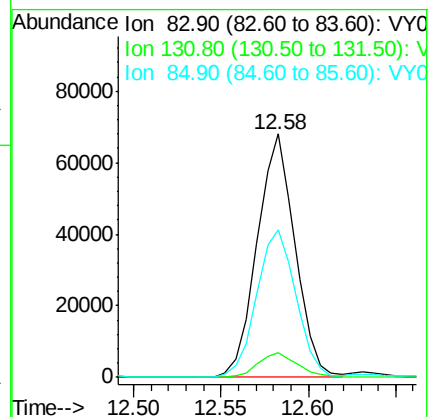
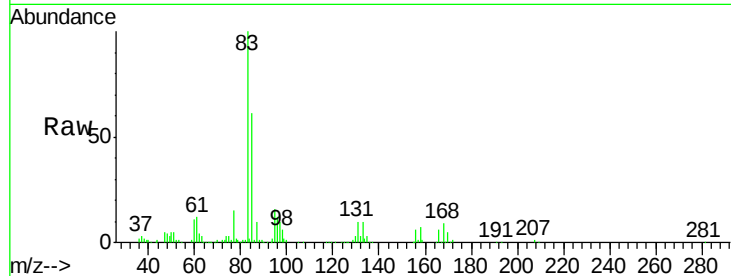
Tot Ion: 83 Resp: 102789

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

85 62.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 38.777 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003029.D

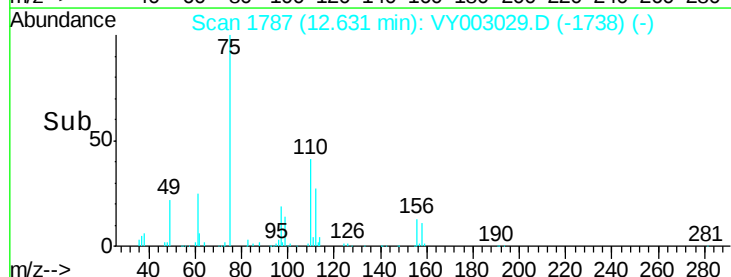
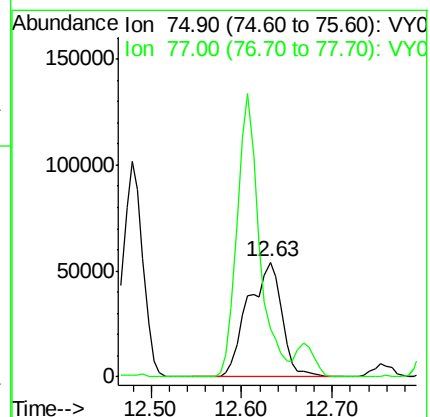
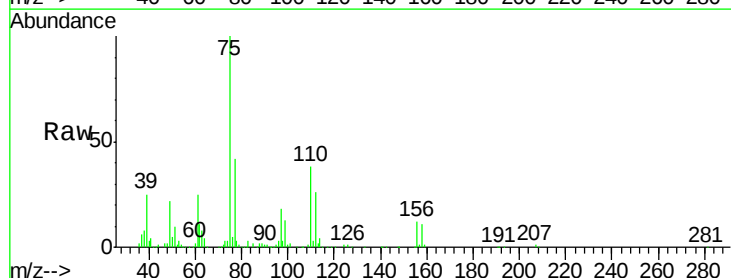
Acq: 30 Jun 2020 12:04

Tgt Ion: 75 Resp: 139963

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

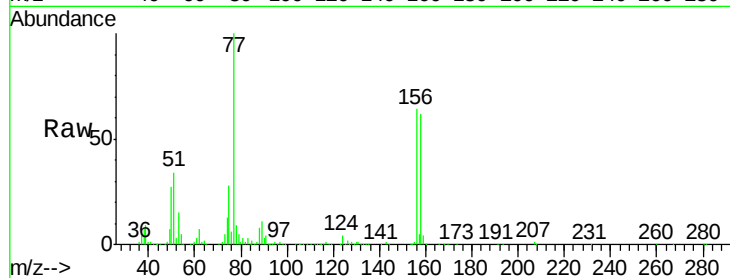
Tot Ion:156 Resp: 130205

Ion Ratio Lower Upper

156 100

77 175.7 90.0 270.0

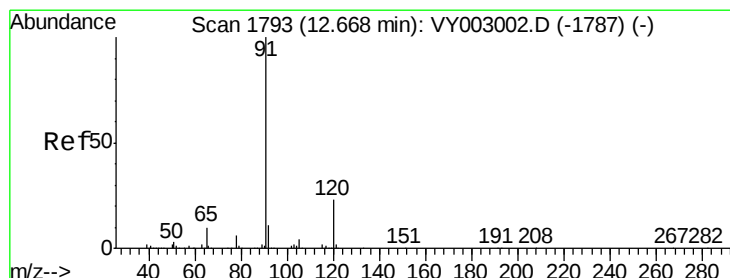
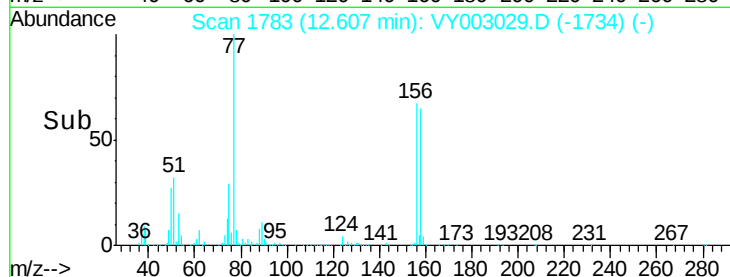
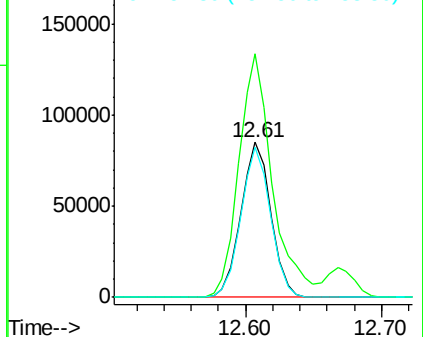
158 96.2 48.5 145.5



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: 21.101 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003029.D

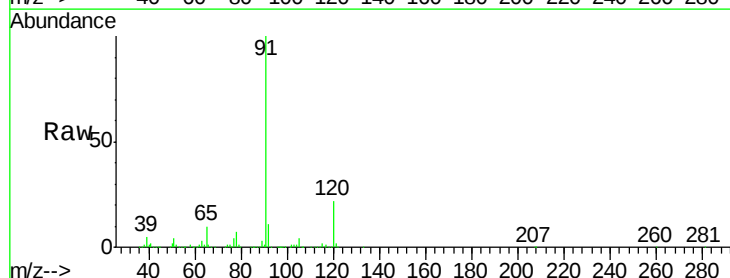
Acq: 30 Jun 2020 12:04

Tgt Ion: 91 Resp: 605706

Ion Ratio Lower Upper

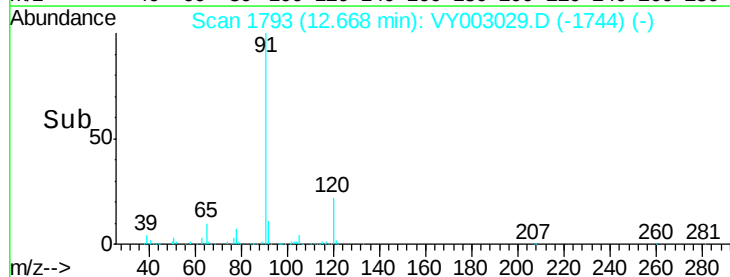
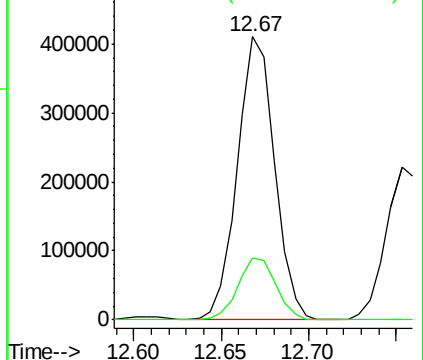
91 100

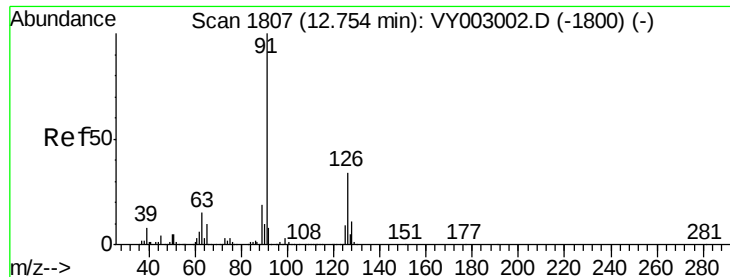
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

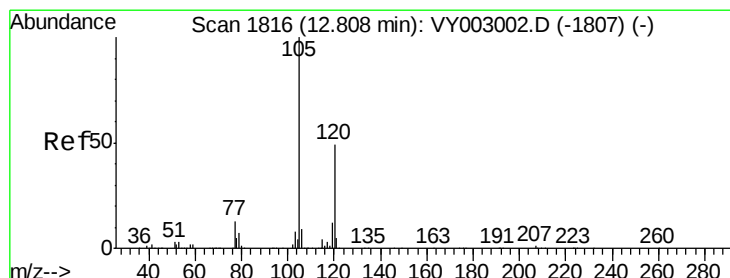
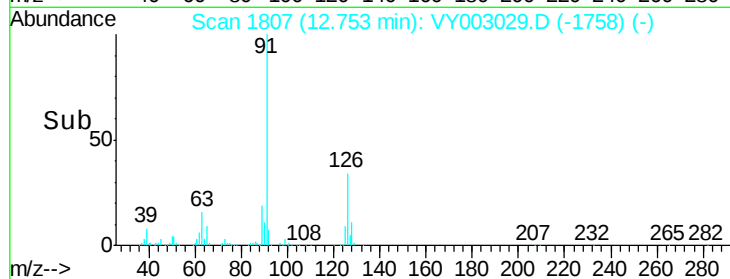
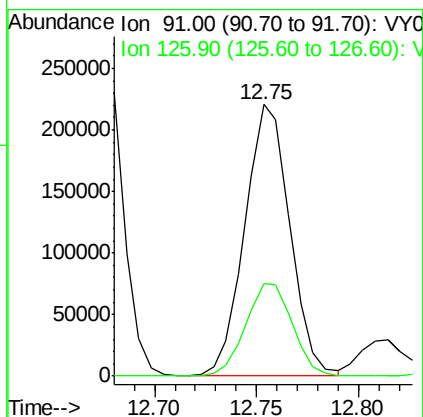
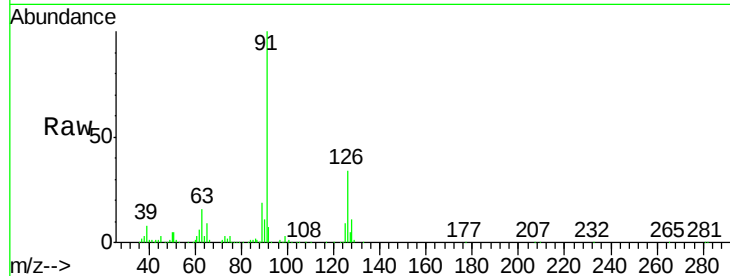




#79
 2-Chlorotoluene
 Concen: 21.211 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

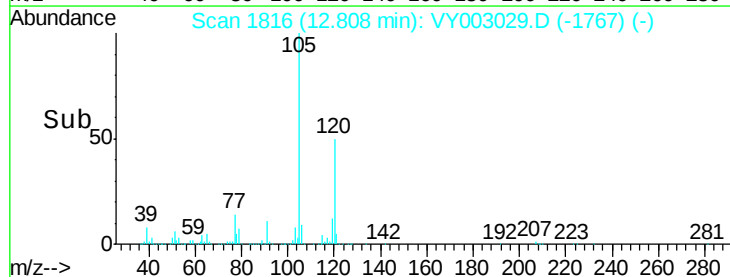
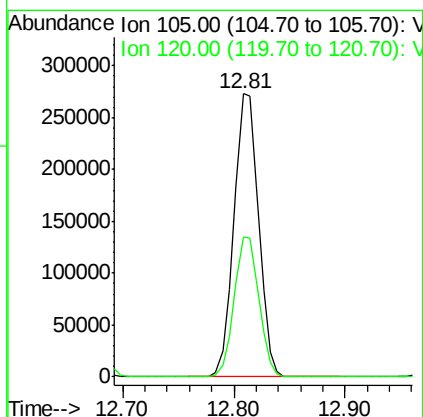
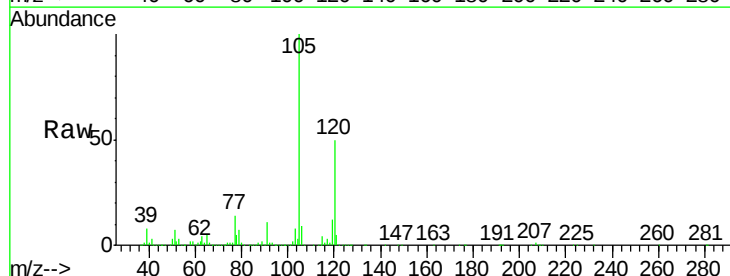
Instrument :
 MSVOA_Y
 ClientSampleId :

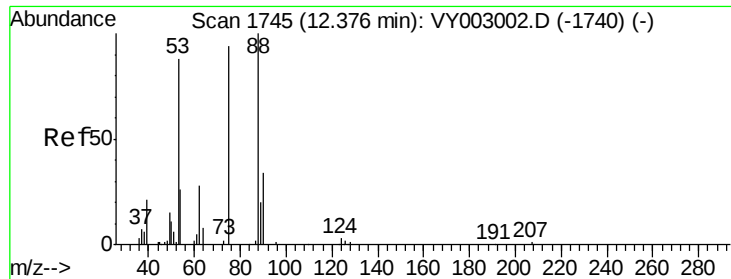
Tot Ion: 91 Resp: 339847
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.883 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 105 Resp: 418255
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.132 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

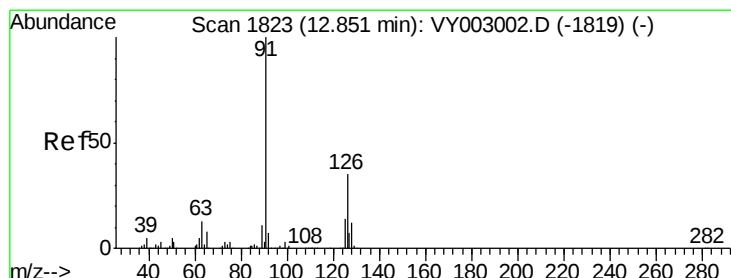
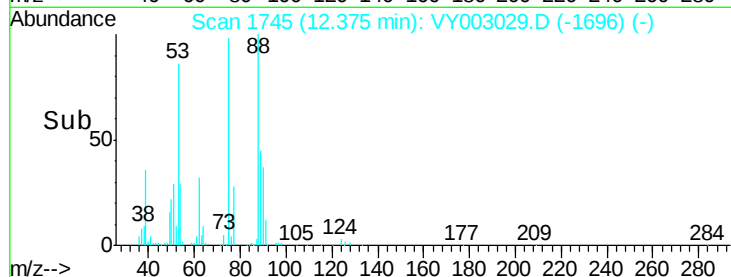
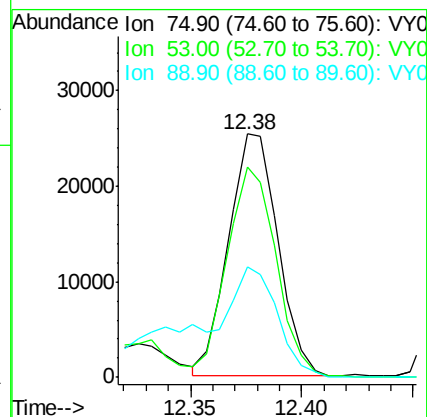
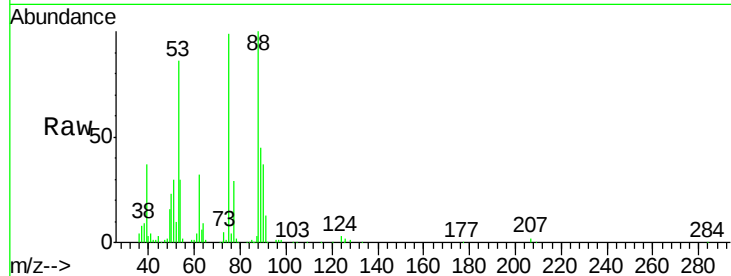
Tot Ion: 75 Resp: 39203

Ion Ratio Lower Upper

75 100

53 86.5 73.9 110.9

89 45.4 37.5 56.3



#82

4-Chlorotoluene

Concen: 21.455 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003029.D

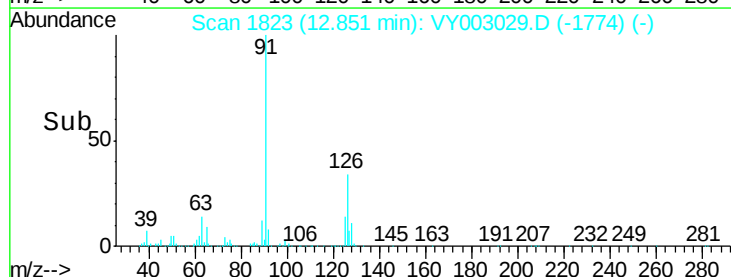
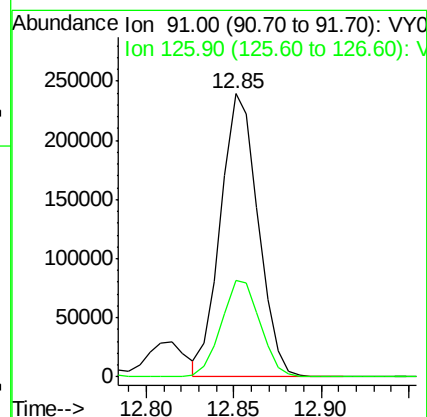
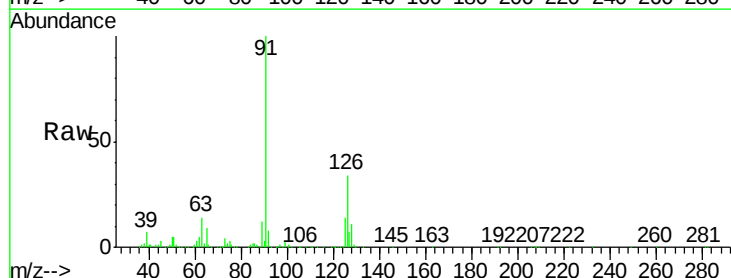
Acq: 30 Jun 2020 12:04

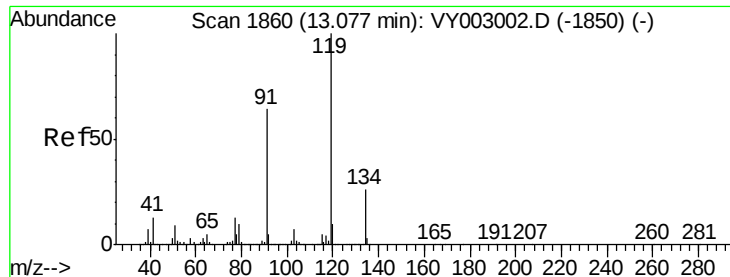
Tgt Ion: 91 Resp: 357904

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 21.238 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

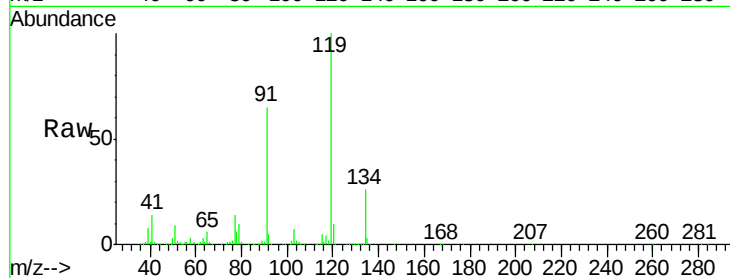
Tot Ion:119 Resp: 373510

Ion Ratio Lower Upper

119 100

91 62.7 31.6 95.0

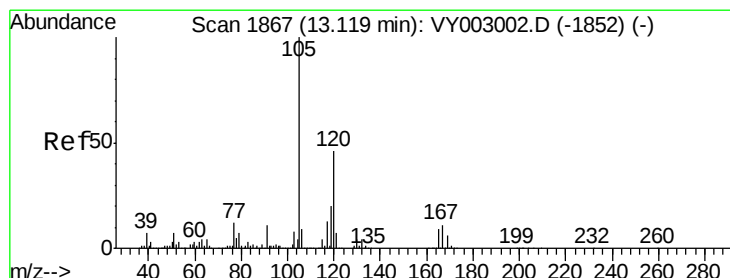
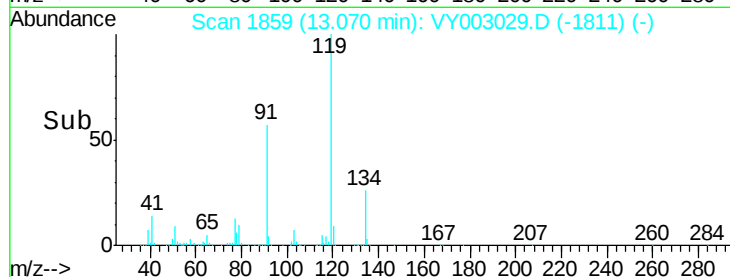
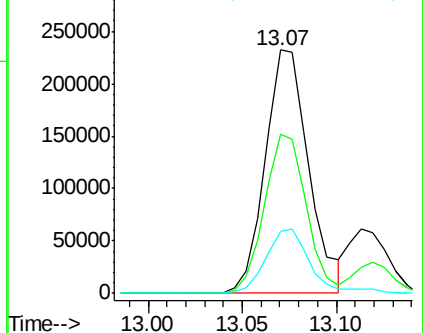
134 27.0 13.2 39.5



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: 21.051 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003029.D

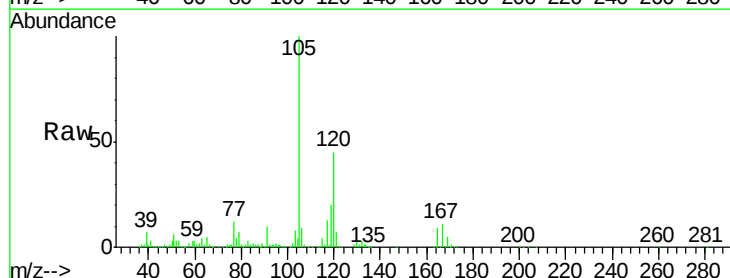
Acq: 30 Jun 2020 12:04

Tgt Ion:105 Resp: 424847

Ion Ratio Lower Upper

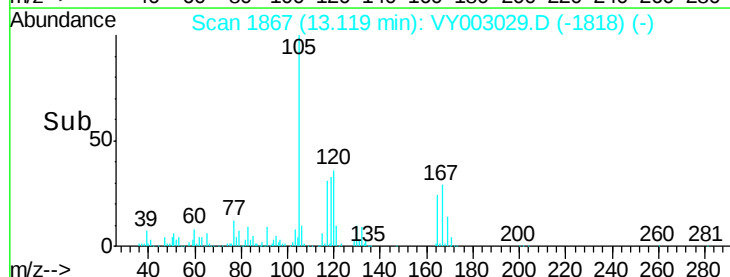
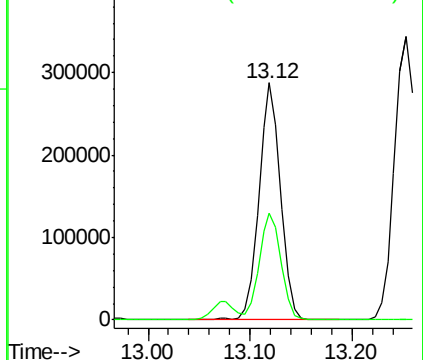
105 100

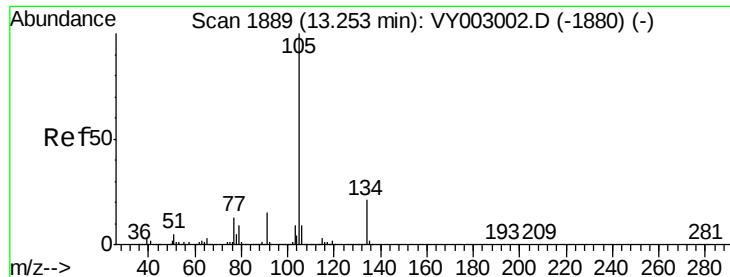
120 45.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.166 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

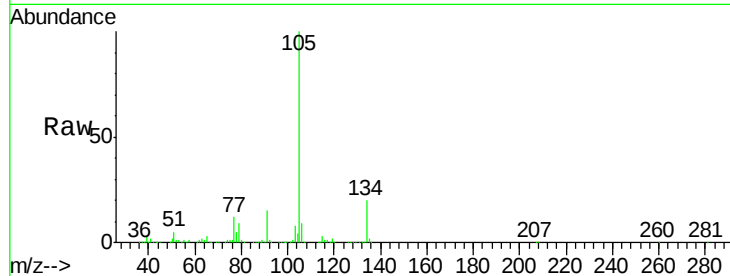
ClientSampled :

Tot Ion:105 Resp: 513072

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

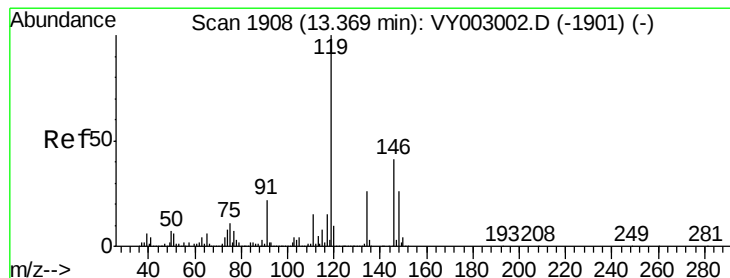
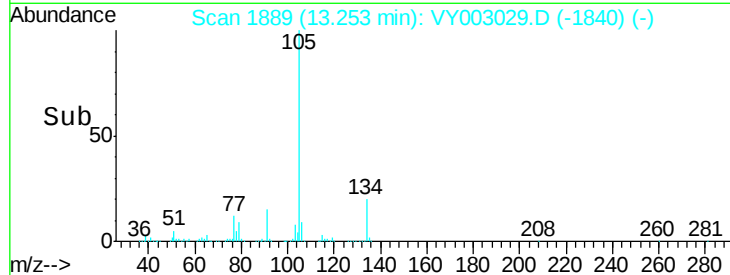
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.119 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

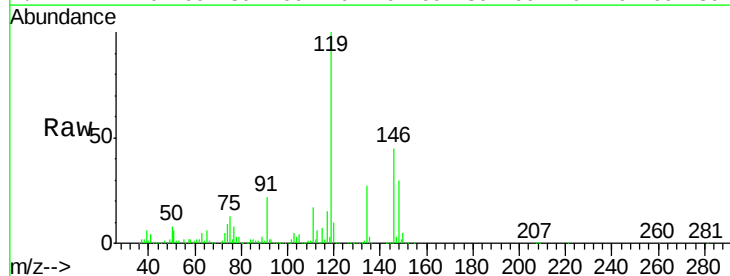
Tgt Ion:119 Resp: 474370

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.9 11.5 34.5



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

13.37

400000

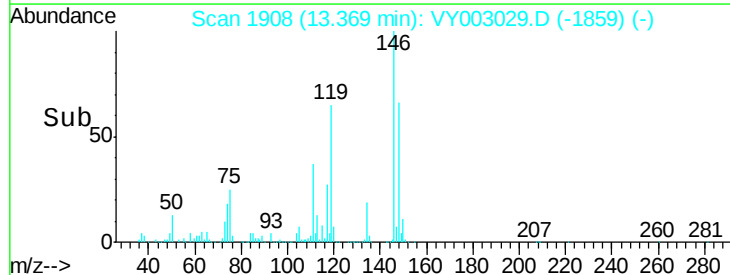
300000

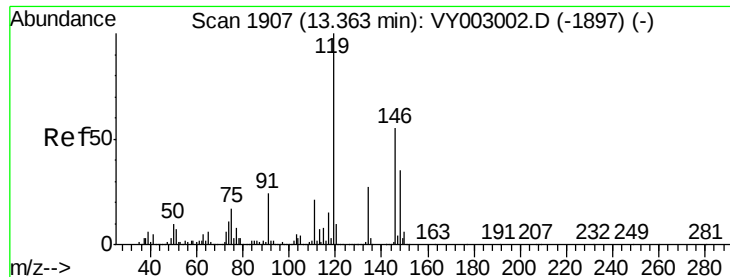
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.943 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

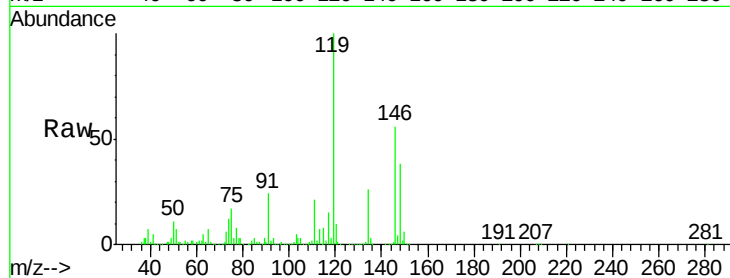
Tot Ion:146 Resp: 239276

Ion Ratio Lower Upper

146 100

111 38.5 18.8 56.3

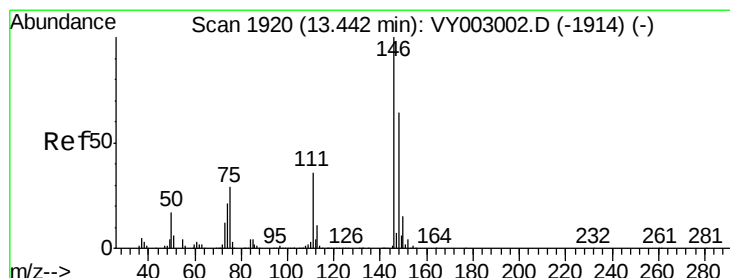
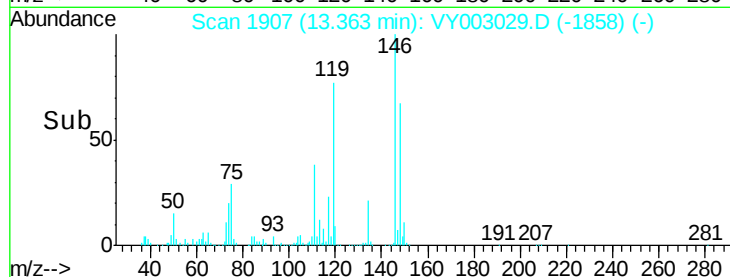
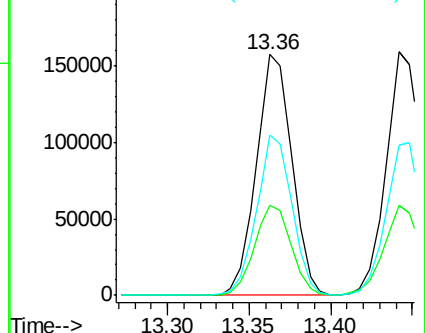
148 65.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.544 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

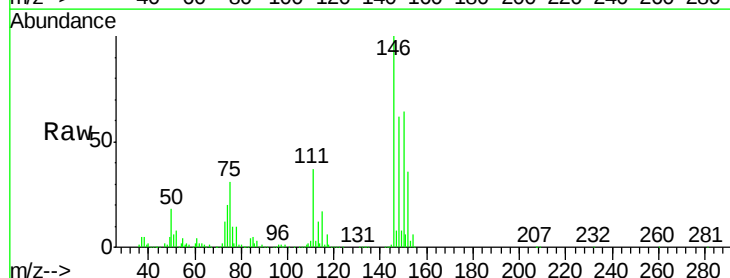
Tgt Ion:146 Resp: 242722

Ion Ratio Lower Upper

146 100

111 37.7 18.4 55.4

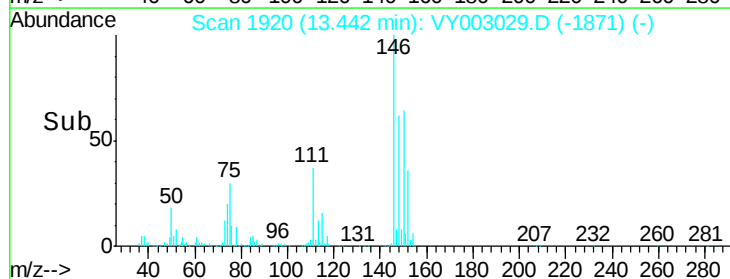
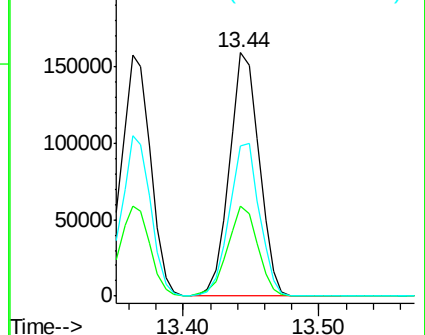
148 63.7 32.3 96.9

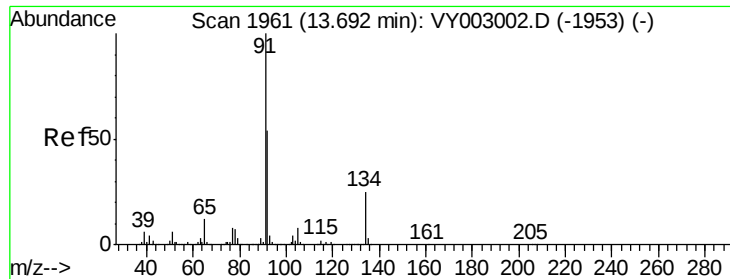


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

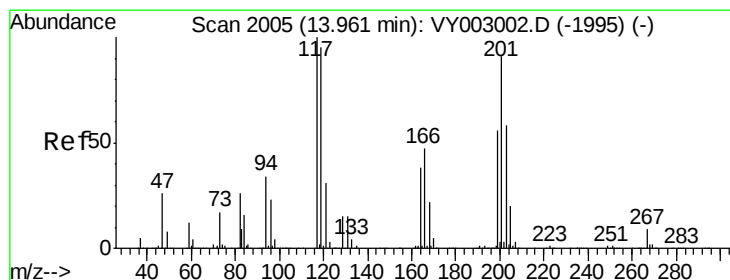
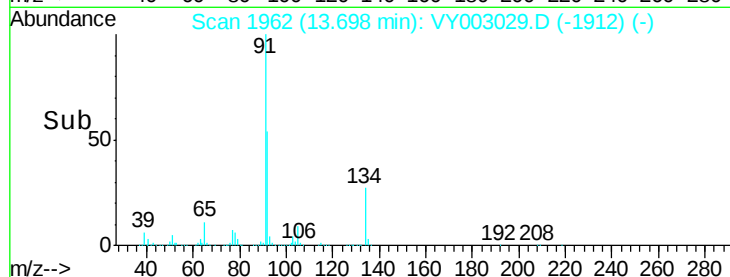
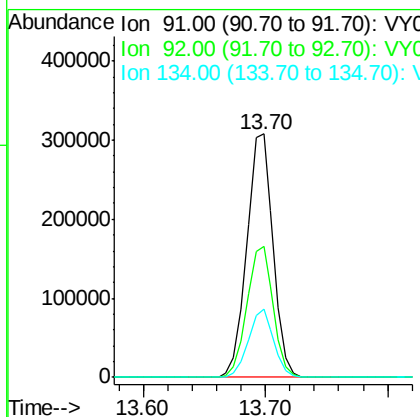
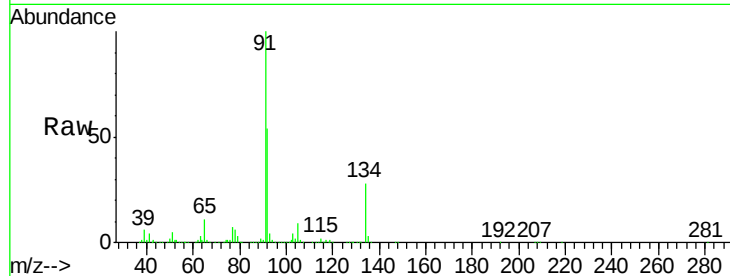




#89
n-Butylbenzene
Concen: 21.330 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

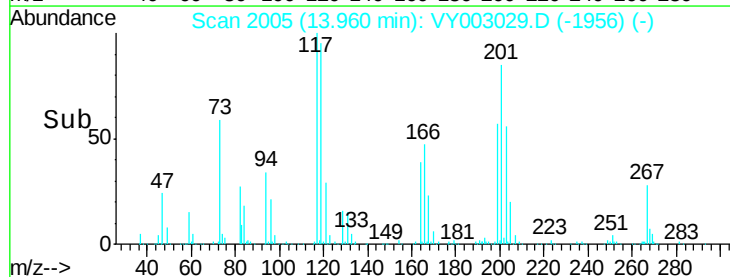
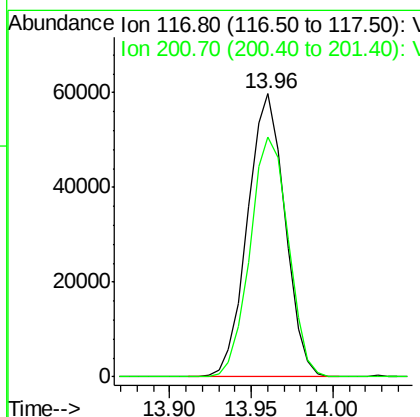
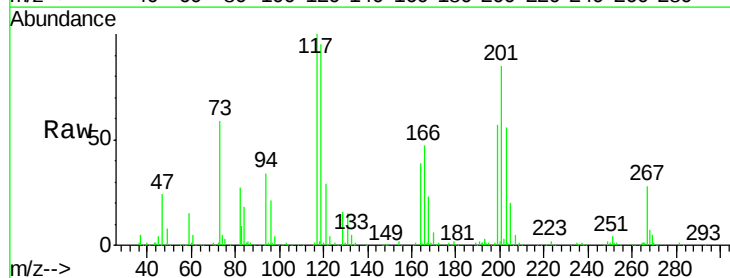
Instrument :
MSVOA_Y
ClientSampleId :

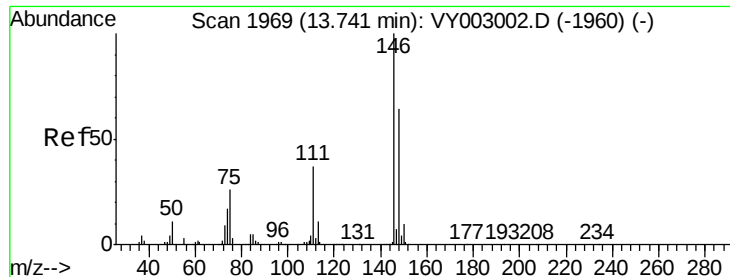
Tot Ion: 91 Resp: 458400
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.3
134 26.8 13.1 39.1



#90
Hexachloroethane
Concen: 21.487 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 117 Resp: 95838
Ion Ratio Lower Upper
117 100
201 86.4 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 21.408 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

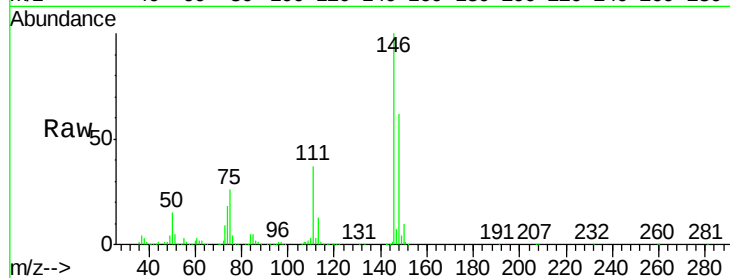
Tot Ion:146 Resp: 219449

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.5

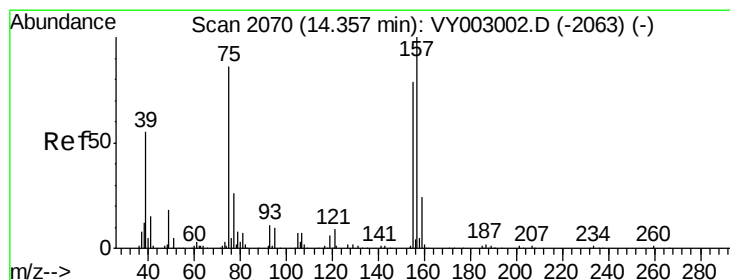
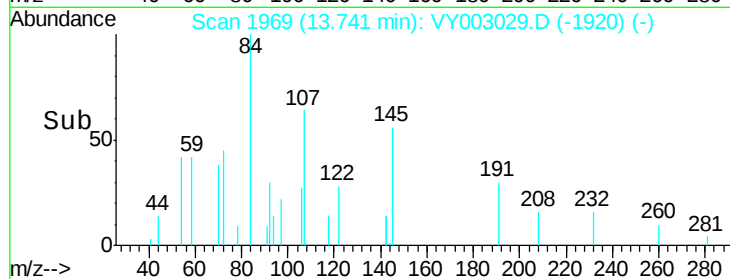
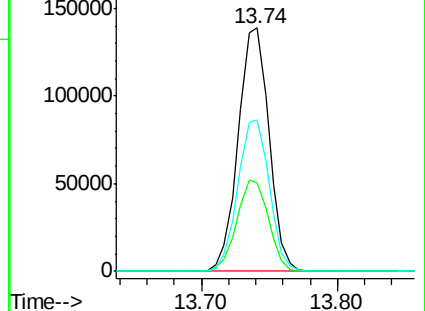
148 63.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.829 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

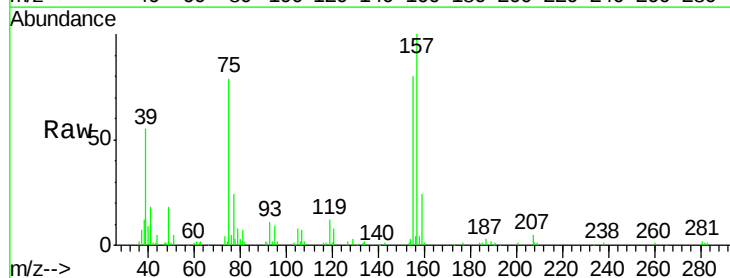
Tgt Ion: 75 Resp: 18613

Ion Ratio Lower Upper

75 100

155 98.6 46.5 139.3

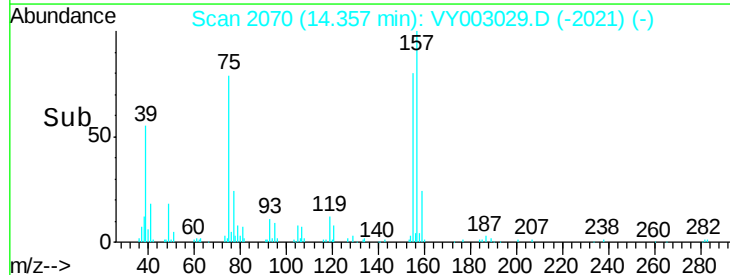
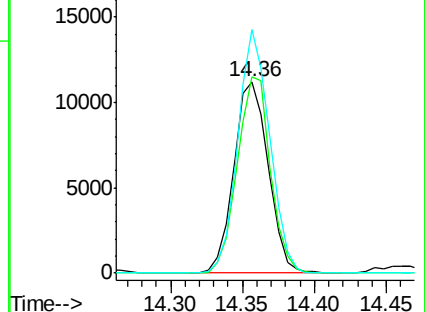
157 117.6 59.2 177.5

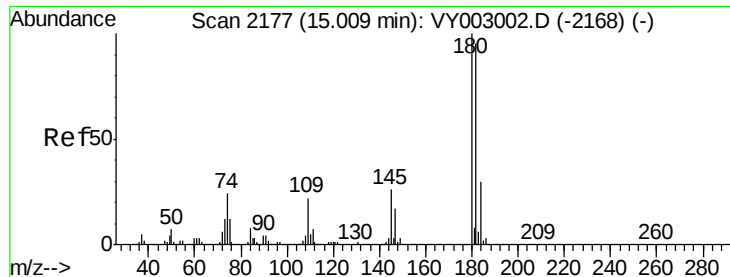


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

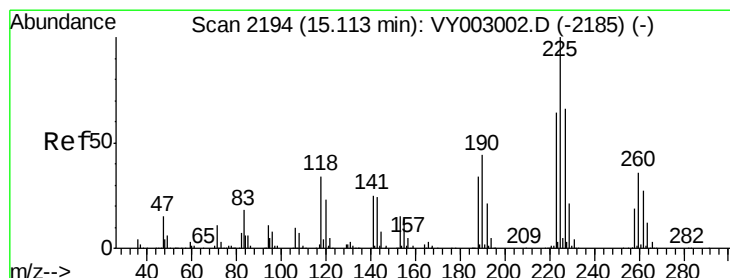
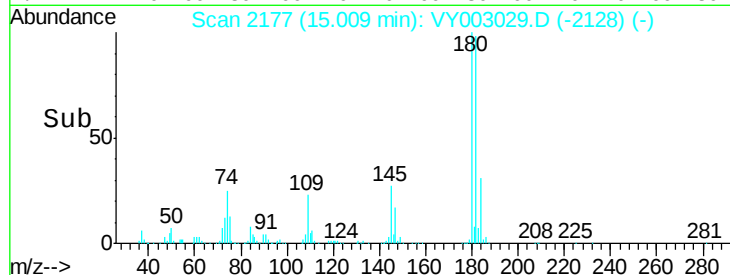
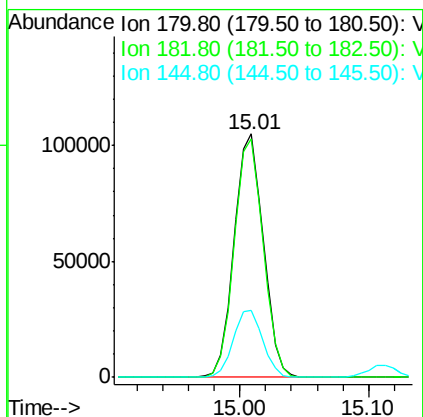
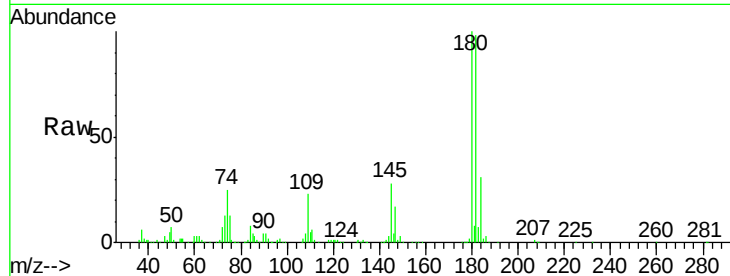




#93
 1,2,4-Trichlorobenzene
 Concen: 21.733 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

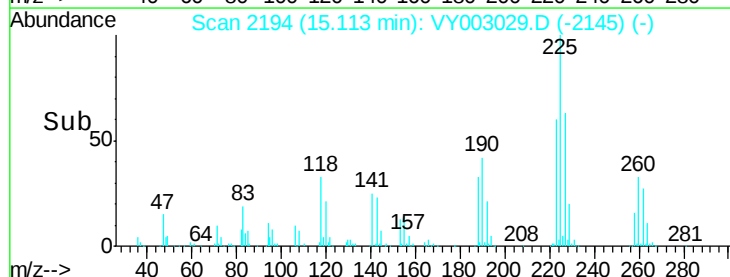
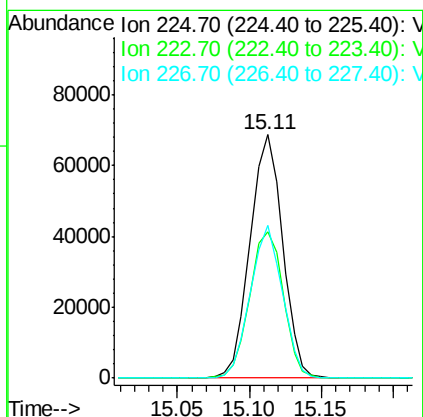
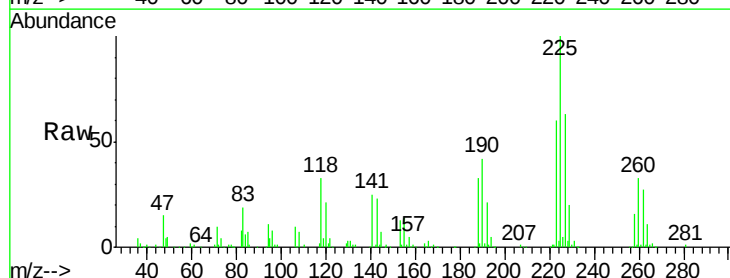
Instrument :
 MSVOA_Y
 ClientSampled :

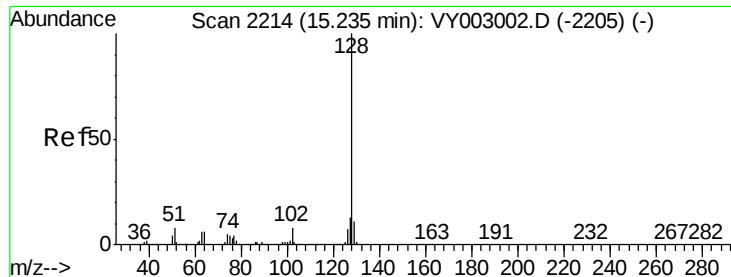
Tot Ion:180 Resp: 165546
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.1 144.3
 145 27.8 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 22.349 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion:225 Resp: 107377
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.4 97.0
 227 61.9 32.4 97.2

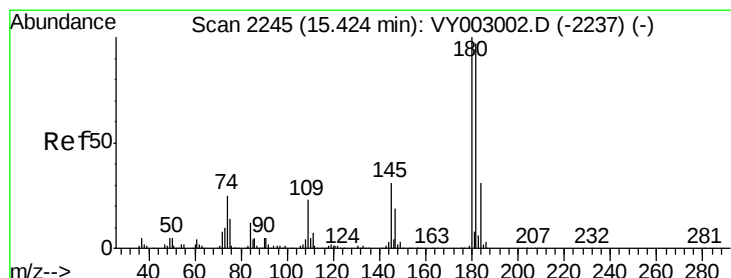
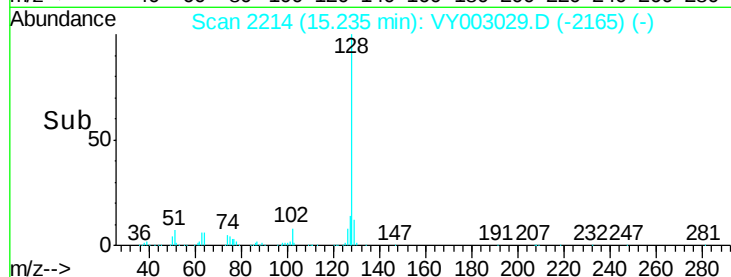
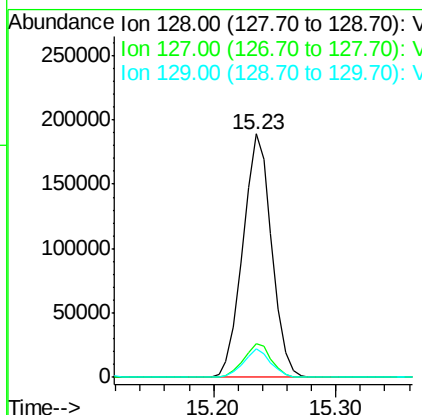
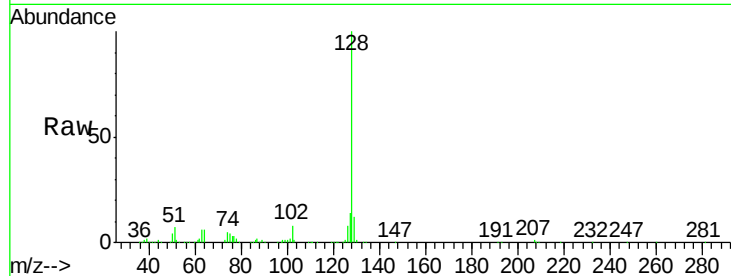




#95
Naphthalene
Concen: 22.096 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 307417
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.911 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion:180 Resp: 144927
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 29.8 14.7 44.1

