

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002939.D
 Acq On : 19 Jun 2020 15:27
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Quant Time: Jun 20 03:55:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	416143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	288645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167291	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.72	113	172054	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.18	98	677409	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	231355	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	135697	51.149	ug/l	100
3) Chloromethane	2.12	50	148692	49.363	ug/l	99
4) Vinyl Chloride	2.26	62	163902	50.678	ug/l	98
5) Bromomethane	2.65	94	124459	52.151	ug/l	97
6) Chloroethane	2.80	64	106147	50.743	ug/l	98
7) Trichlorofluoromethane	3.13	101	298803	51.449	ug/l	98
8) Diethyl Ether	3.54	74	106355	50.753	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	182086	52.058	ug/l	98
10) Methyl Iodide	4.10	142	253334	52.314	ug/l	99
11) Tert butyl alcohol	4.97	59	86993	232.815	ug/l	99
12) 1,1-Dichloroethene	3.88	96	180516	52.044	ug/l	96
13) Acrolein	3.74	56	88091	255.108	ug/l	100
14) Allyl chloride	4.49	41	261024	52.176	ug/l	100
15) Acrylonitrile	5.18	53	255395	254.120	ug/l	99
16) Acetone	3.96	43	229209	269.235	ug/l	97
17) Carbon Disulfide	4.20	76	558872	54.500	ug/l	99
18) Methyl Acetate	4.49	43	108230	50.216	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484302	51.266	ug/l	99
20) Methylene Chloride	4.72	84	210354	51.090	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	201918	52.432	ug/l	97
22) Diisopropyl ether	6.13	45	520516	50.963	ug/l	97
23) Vinyl Acetate	6.07	43	1784457	270.094	ug/l	98
24) 1,1-Dichloroethane	6.03	63	311415	51.467	ug/l	100
25) 2-Butanone	6.99	43	326829	256.195	ug/l	98
26) 2,2-Dichloropropane	6.99	77	283136	50.101	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	218193	50.694	ug/l	100
28) Bromochloromethane	7.34	49	127725	50.487	ug/l	96
29) Tetrahydrofuran	7.35	42	209644	254.410	ug/l	99
30) Chloroform	7.52	83	323672	51.074	ug/l	99
31) Cyclohexane	7.79	56	295045	49.989	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	297504	50.947	ug/l	100
36) 1,1-Dichloropropene	7.93	75	261620	52.390	ug/l	99
37) Ethyl Acetate	7.08	43	141010	50.854	ug/l	99
38) Carbon Tetrachloride	7.91	117	284513	51.698	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	342728	52.065	ug/l	99
40) Benzene	8.17	78	754457	50.747	ug/l	99
41) Methacrylonitrile	7.35	41	189713	136.659	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	206181	49.967	ug/l	100
43) Isopropyl Acetate	8.28	43	264602	51.245	ug/l	100
44) Trichloroethene	8.94	130	232665	50.523	ug/l	99
45) 1,2-Dichloropropane	9.22	63	181697	50.820	ug/l	100
46) Dibromomethane	9.31	93	108584	50.865	ug/l	99
47) Bromodichloromethane	9.50	83	255229	51.210	ug/l	97
48) Methyl methacrylate	9.30	41	120239	51.897	ug/l	99
49) 1,4-Dioxane	9.30	88	31534	1007.880	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	693596	253.484	ug/l	100
52) Toluene	10.24	92	487752	50.692	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	277829	51.291	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	314298	51.261	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	159034	49.955	ug/l	99
56) Ethyl methacrylate	10.51	69	223325	52.040	ug/l	100
57) 1,3-Dichloropropane	10.79	76	267238	50.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	552501	258.491	ug/l	100
59) 2-Hexanone	10.83	43	496765	258.231	ug/l	100
60) Dibromochloromethane	10.99	129	204711	50.422	ug/l	100
61) 1,2-Dibromoethane	11.09	107	161440	51.116	ug/l	98
64) Tetrachloroethene	10.72	164	237226	50.836	ug/l	100
65) Chlorobenzene	11.52	112	540667	51.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	205423	51.269	ug/l	100
67) Ethyl Benzene	11.60	91	944975	51.682	ug/l	100
68) m/p-Xylenes	11.70	106	735437	103.508	ug/l	99
69) o-Xylene	12.03	106	347698	51.915	ug/l	100
70) Styrene	12.05	104	598929	51.757	ug/l	100
71) Bromoform	12.20	173	138438	51.619	ug/l	98
73) Isopropylbenzene	12.33	105	937696	53.006	ug/l	99
74) N-amyl acetate	12.14	43	243372	53.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	174081	53.075	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	248847	98.992	ug/l #	100
77) Bromobenzene	12.61	156	240375	51.898	ug/l	97
78) n-propylbenzene	12.67	91	1087006	52.963	ug/l	99
79) 2-Chlorotoluene	12.76	91	604553	52.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	781783	53.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71738	54.484	ug/l	98
82) 4-Chlorotoluene	12.85	91	632706	52.337	ug/l	99
83) tert-Butylbenzene	13.08	119	691578	52.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	783089	52.770	ug/l	100
85) sec-Butylbenzene	13.25	105	944986	52.589	ug/l	100
86) p-Isopropyltoluene	13.37	119	881368	52.291	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	452605	51.843	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	449460	51.410	ug/l	99
89) n-Butylbenzene	13.70	91	800153	52.513	ug/l	100
90) Hexachloroethane	13.96	117	164941	52.538	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	411061	51.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31939	52.124	ug/l	100

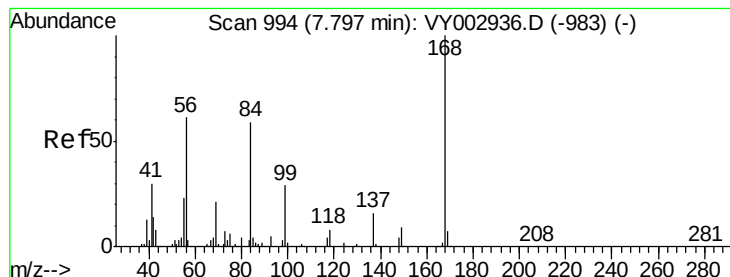
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	308551	51.749	ug/l	100
94) Hexachlorobutadiene	15.11	225	176719	51.421	ug/l	100
95) Naphthalene	15.23	128	631732	53.160	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	274853	51.667	ug/l	99

(#) = 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: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

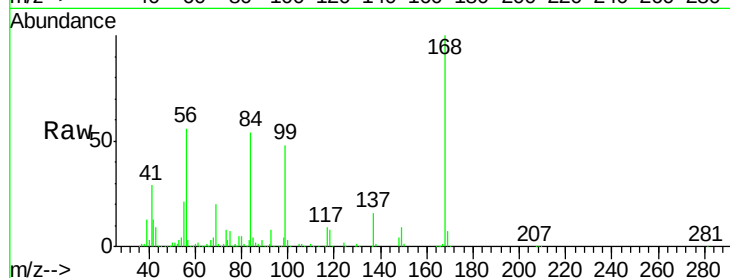
ICVVY061920

Tgt Ion:168 Resp: 416143

Ion Ratio Lower Upper

168 100

99 47.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002939.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002939.D (-945) (-)

7.80

200000

150000

100000

50000

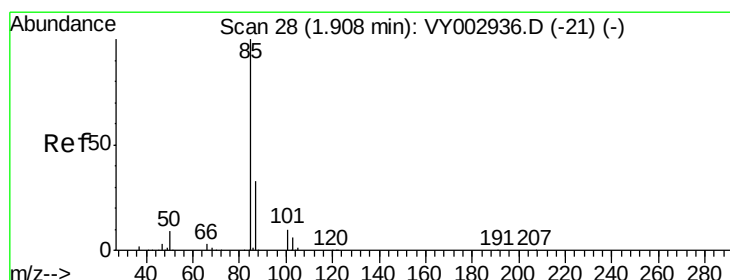
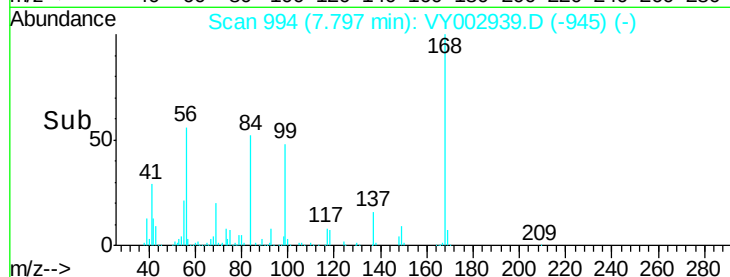
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 51.149 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002939.D

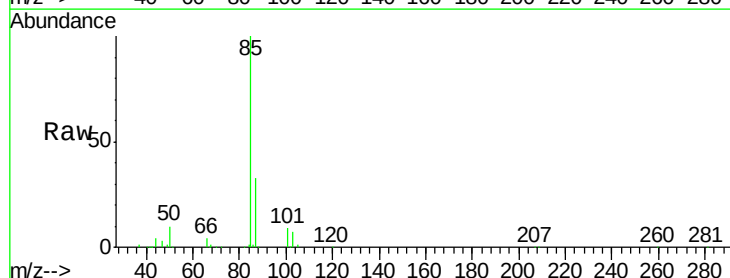
Acq: 19 Jun 2020 15:27

Tgt Ion: 85 Resp: 135697

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002939.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002939.D (-1) (-)

1.91

100000

80000

60000

40000

20000

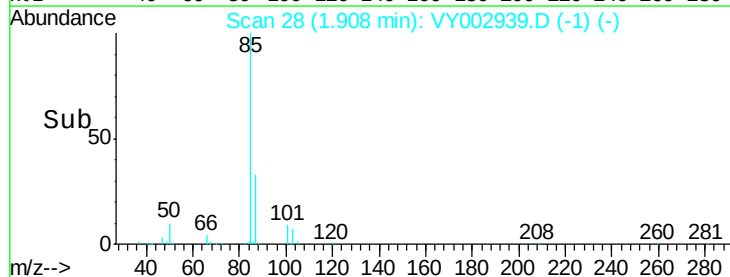
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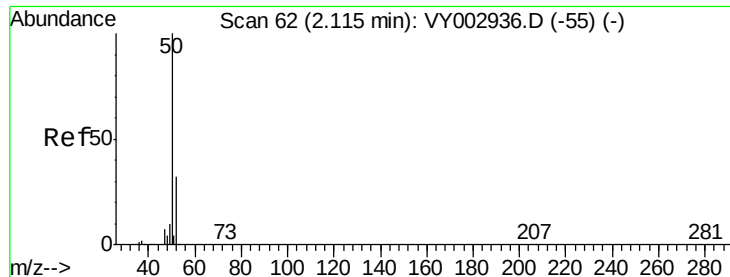
1.80

1.90

2.00

Time-->

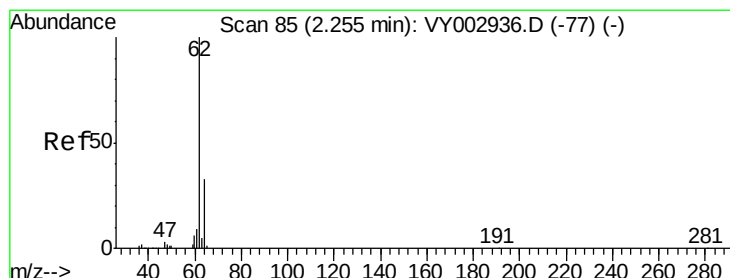
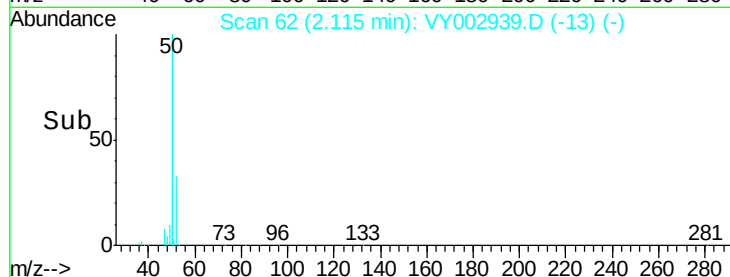
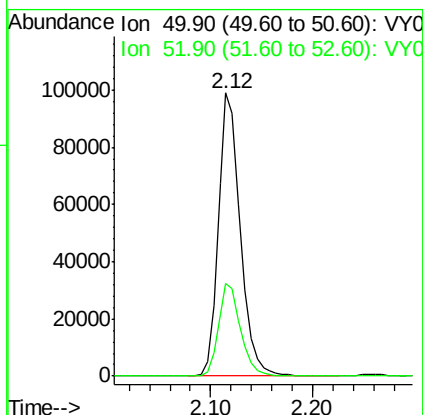
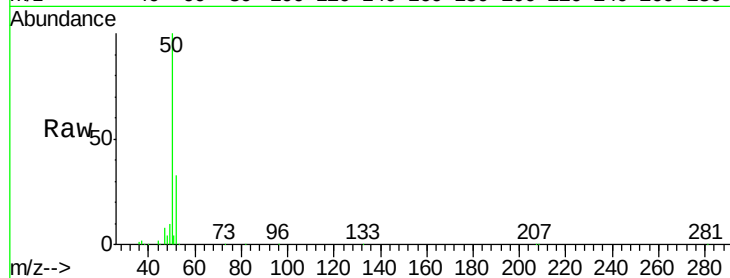




#3
Chloromethane
Concen: 49.363 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

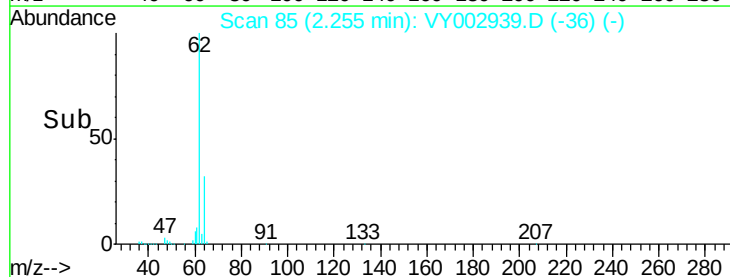
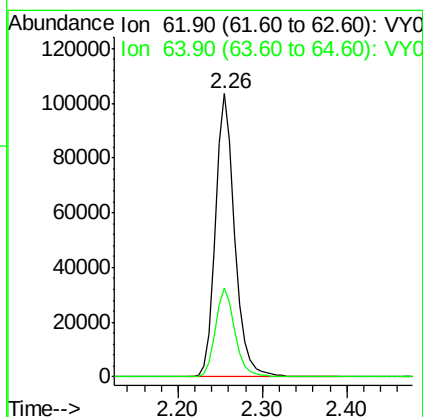
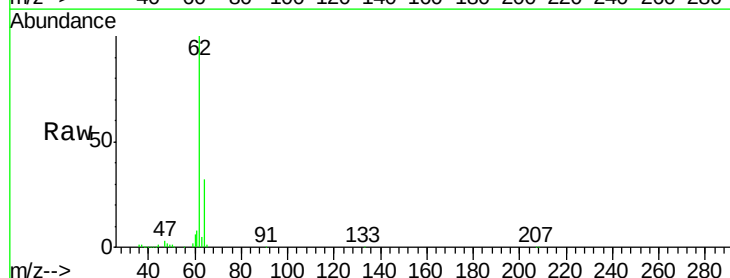
Instrument :
MSVOA_Y
ClientSampleId :
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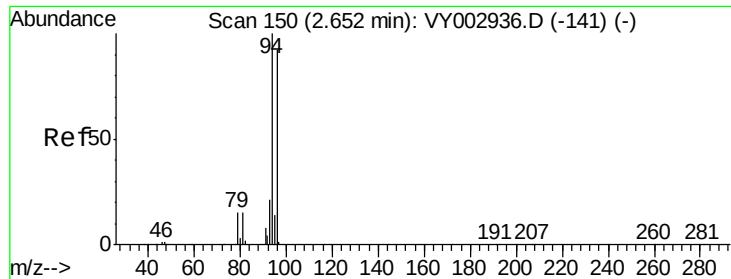
Tgt Ion: 50 Resp: 148692
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6



#4
Vinyl Chloride
Concen: 50.678 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 62 Resp: 163902
Ion Ratio Lower Upper
62 100
64 31.5 26.3 39.5





#5

Bromomethane

Concen: 52.151 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

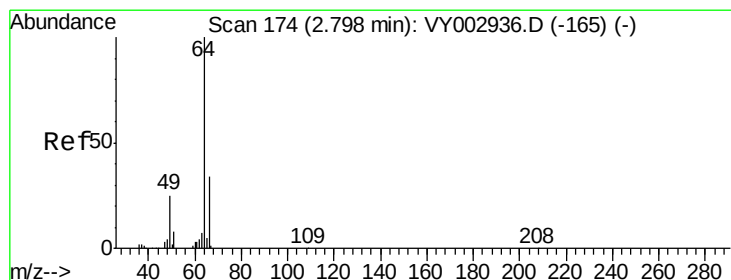
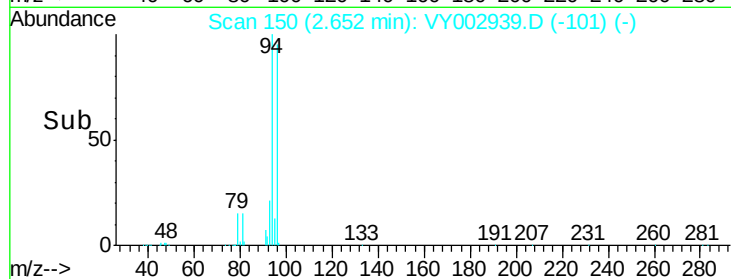
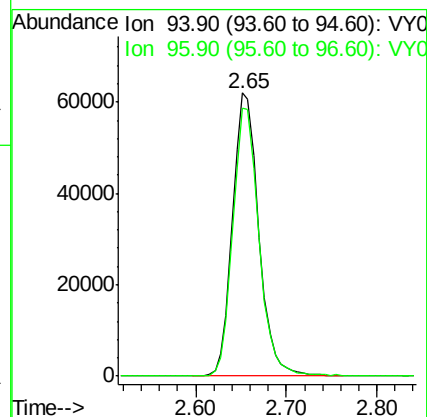
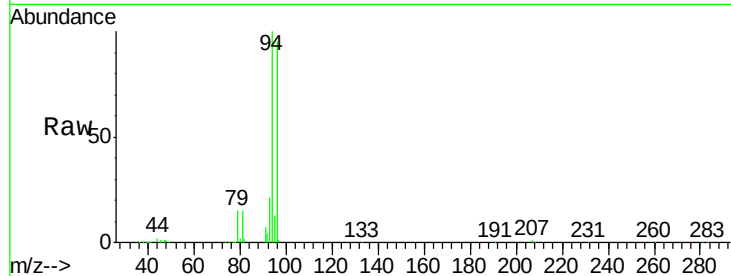
ICVY061920

Tgt Ion: 94 Resp: 124459

Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5



#6

Chloroethane

Concen: 50.743 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002939.D

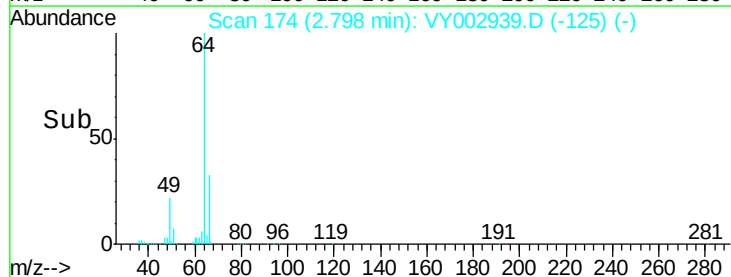
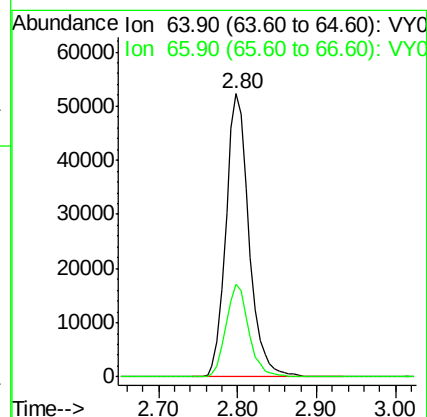
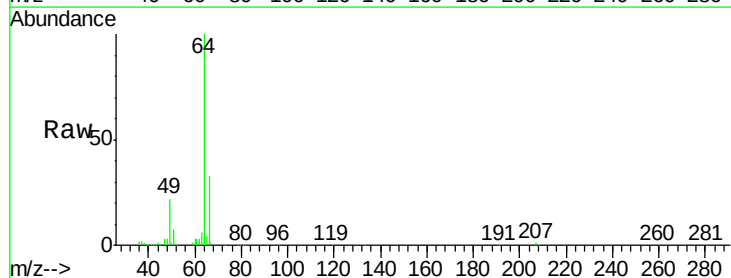
Acq: 19 Jun 2020 15:27

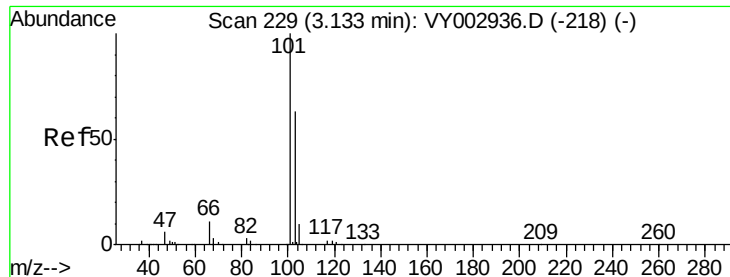
Tgt Ion: 64 Resp: 106147

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6



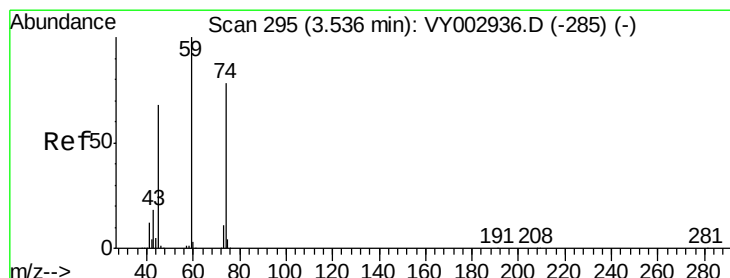
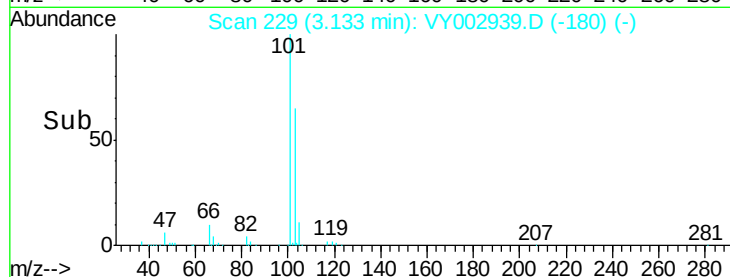
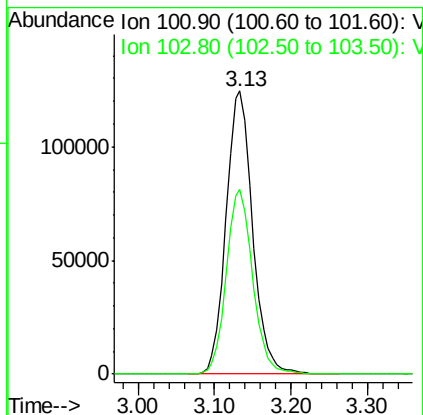
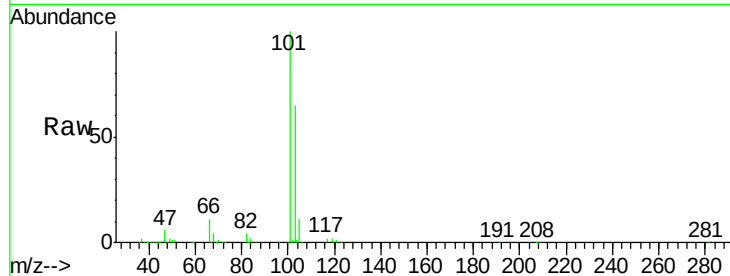


#7

Trichlorofluoromethane
Concen: 51.449 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
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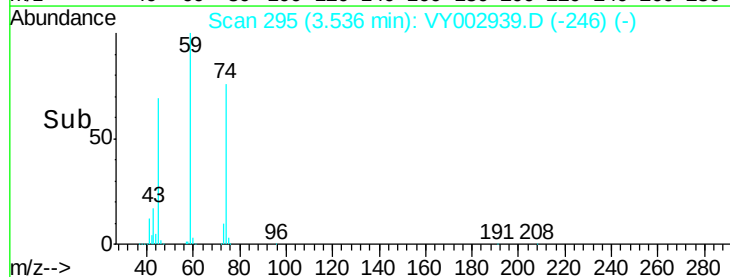
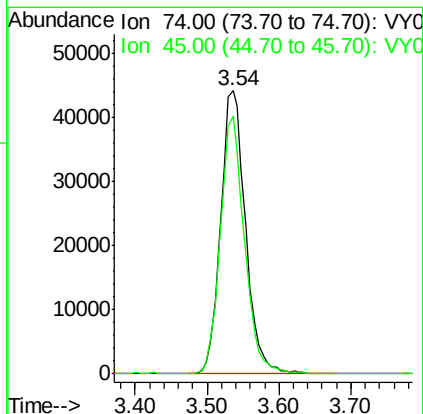
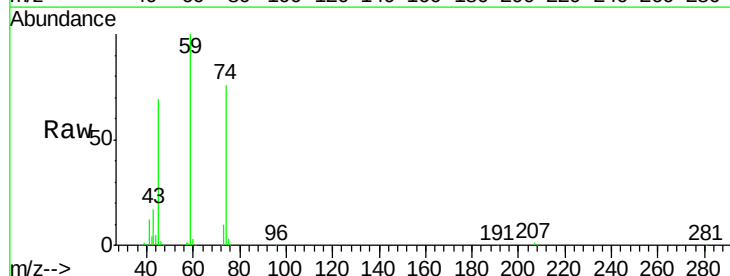
Tgt Ion: 101 Resp: 298803
Ion Ratio Lower Upper
101 100
103 65.2 50.6 76.0

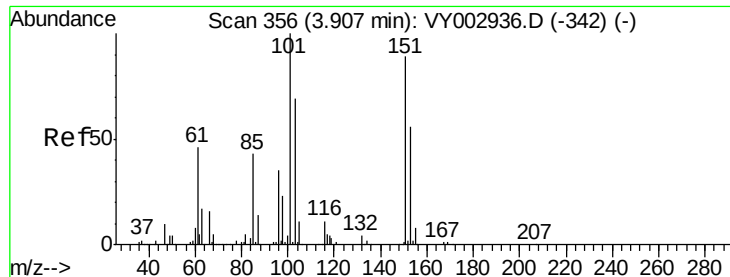


#8

Diethyl Ether
Concen: 50.753 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 74 Resp: 106355
Ion Ratio Lower Upper
74 100
45 88.8 43.7 131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.058 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

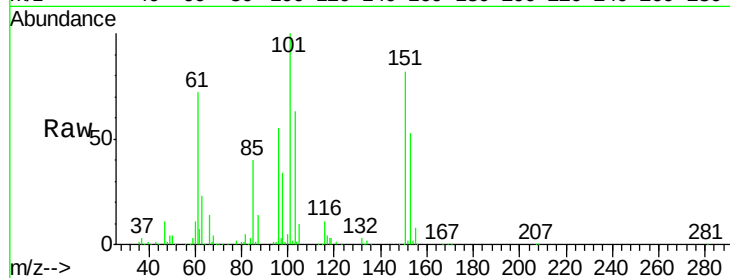
Tgt Ion:101 Resp: 182086

Ion Ratio Lower Upper

101 100

85 41.1 33.6 50.4

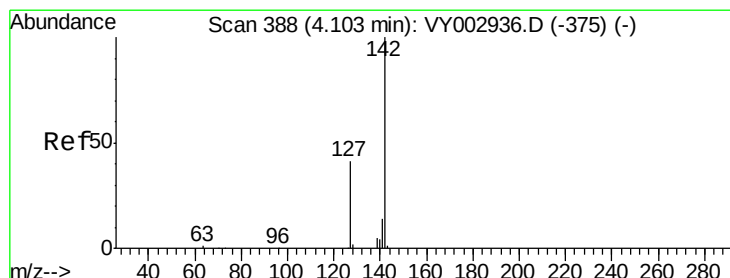
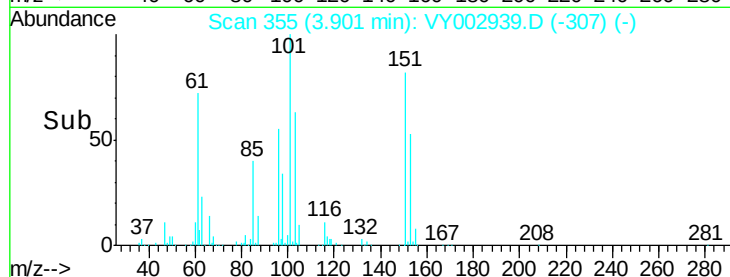
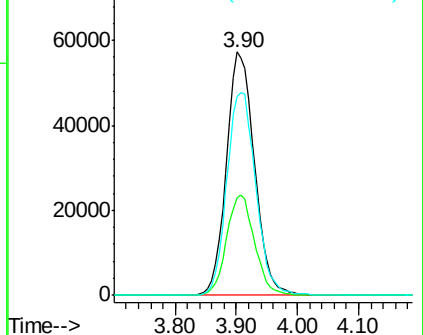
151 86.0 70.4 105.6



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: 52.314 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

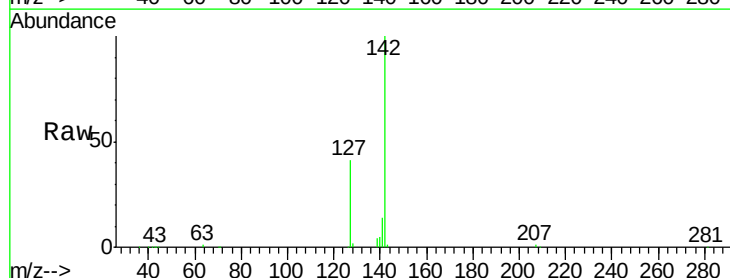
Tgt Ion:142 Resp: 253334

Ion Ratio Lower Upper

142 100

127 40.4 32.9 49.3

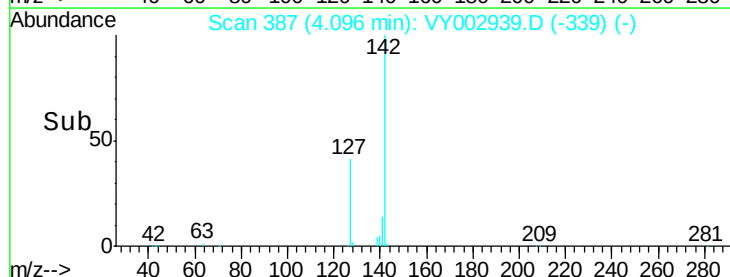
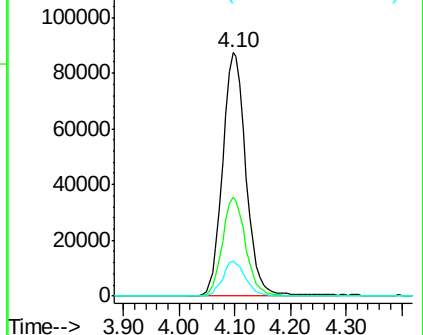
141 14.1 11.3 16.9

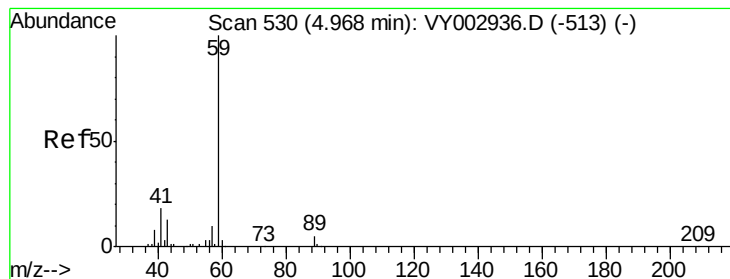


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



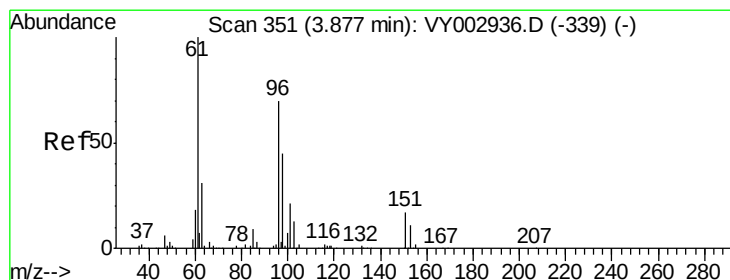
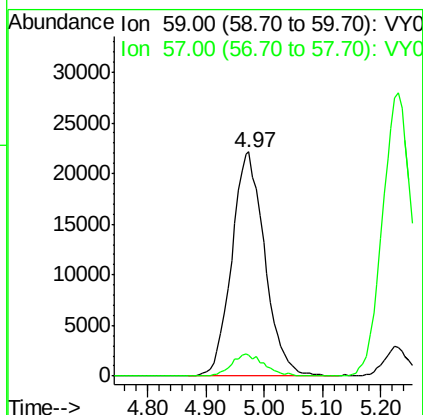
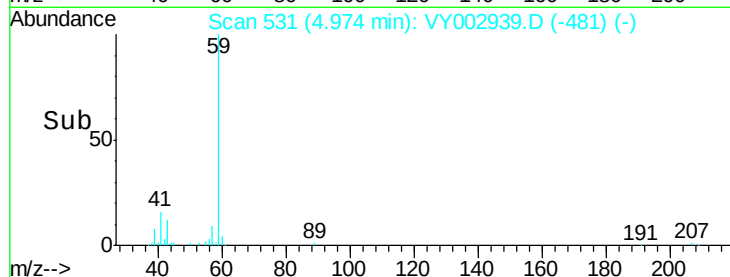
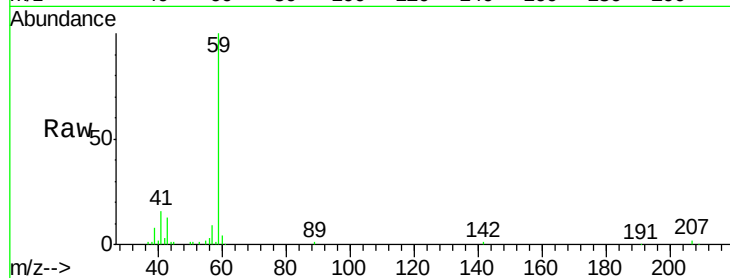


#11

Tert butyl alcohol
Concen: 232.815 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

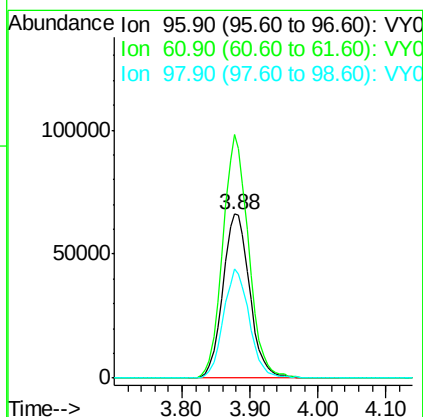
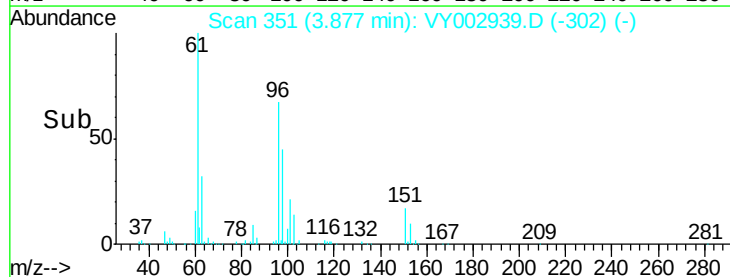
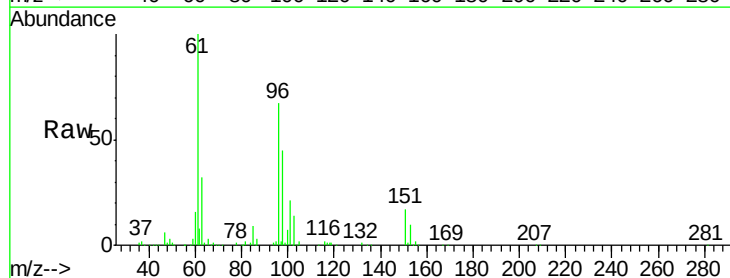
Tgt Ion: 59 Resp: 86993
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2

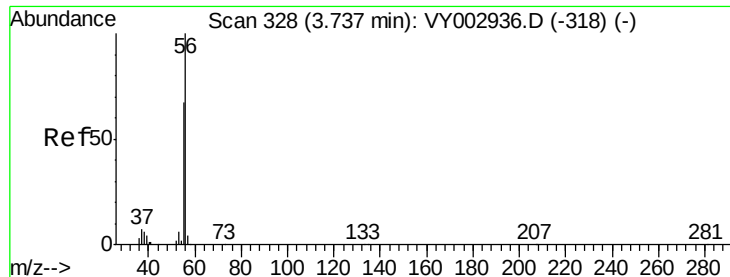


#12

1,1-Dichloroethene
Concen: 52.044 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 96 Resp: 180516
Ion Ratio Lower Upper
96 100
61 148.6 114.6 172.0
98 66.7 51.4 77.0





#13

Acrolein

Concen: 255.108 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

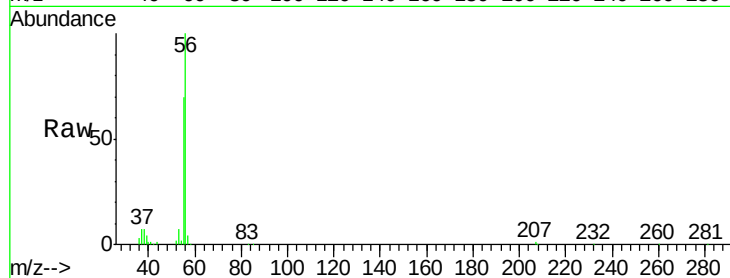
ICVY061920

Tgt Ion: 56 Resp: 88091

Ion Ratio Lower Upper

56 100

55 69.2 55.3 82.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

40000

30000

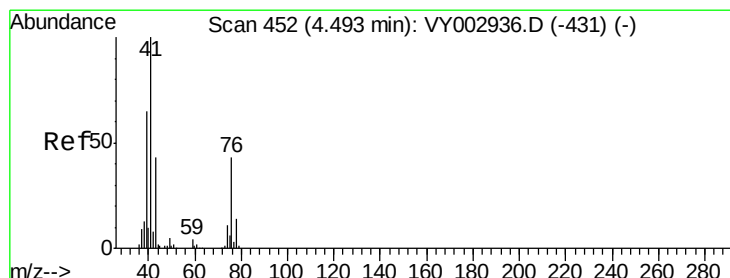
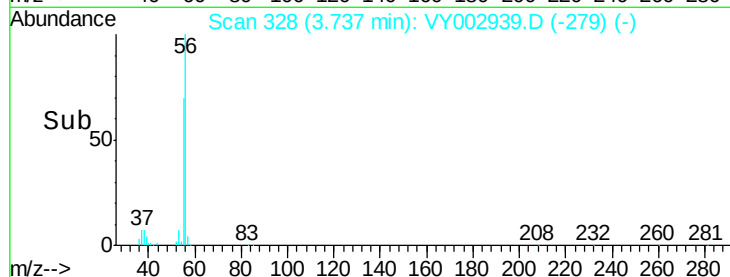
20000

10000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 52.176 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

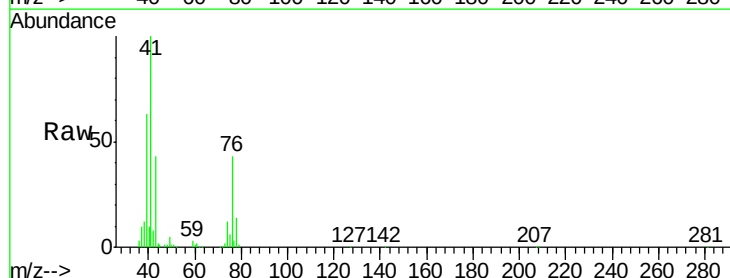
Tgt Ion: 41 Resp: 261024

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 41.6 33.3 49.9



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

150000

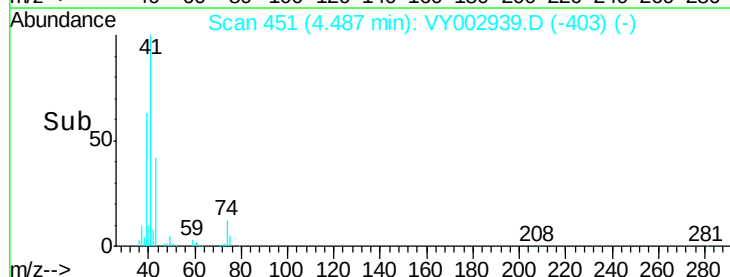
100000

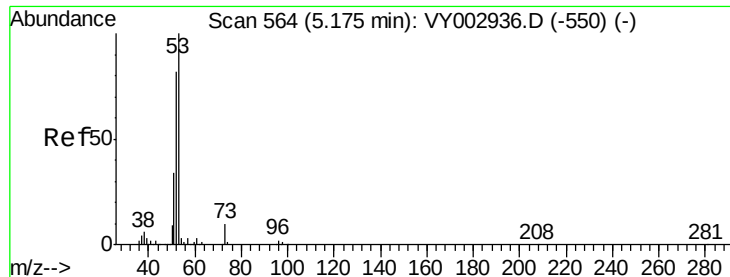
50000

0

Time-->

4.40 4.49 4.60





#15

Acrylonitrile

Concen: 254.120 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

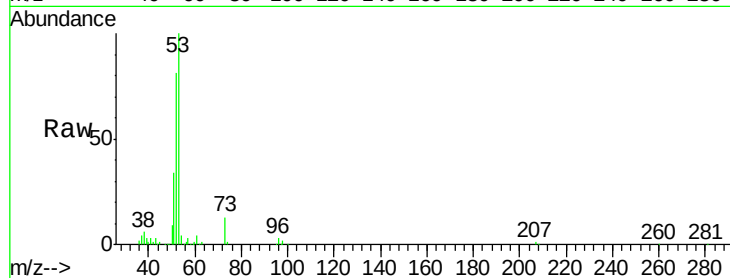
Tgt Ion: 53 Resp: 255395

Ion Ratio Lower Upper

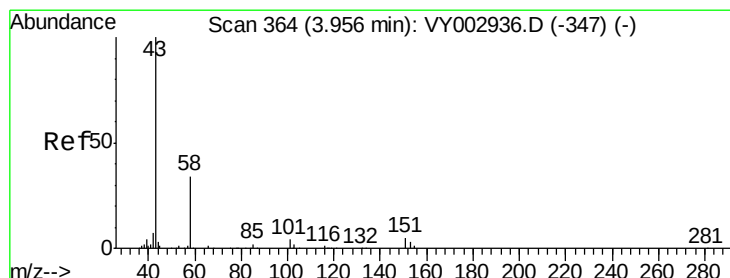
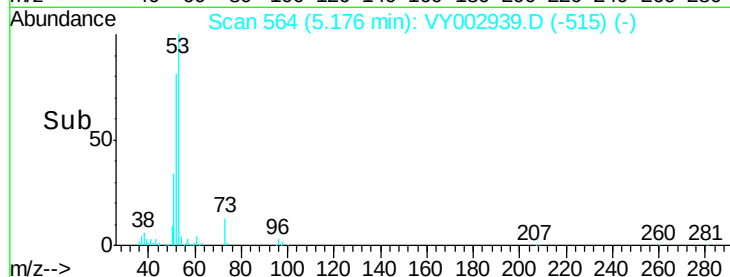
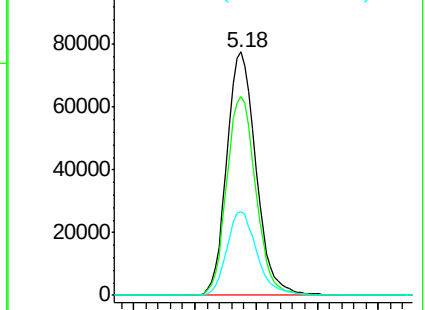
53 100

52 81.4 65.7 98.5

51 35.4 28.1 42.1



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



#16

Acetone

Concen: 269.235 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002939.D

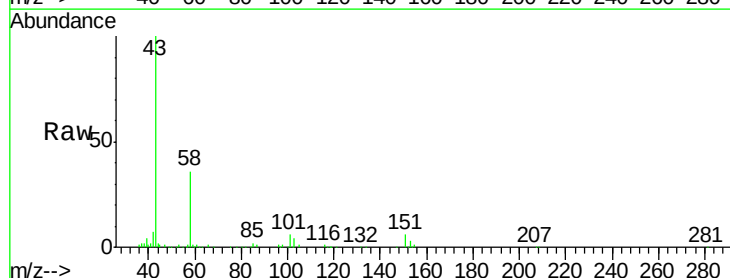
Acq: 19 Jun 2020 15:27

Tgt Ion: 43 Resp: 229209

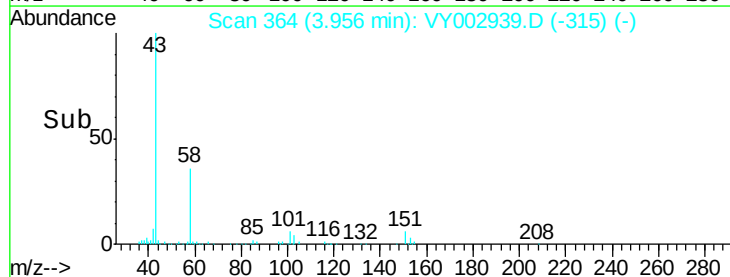
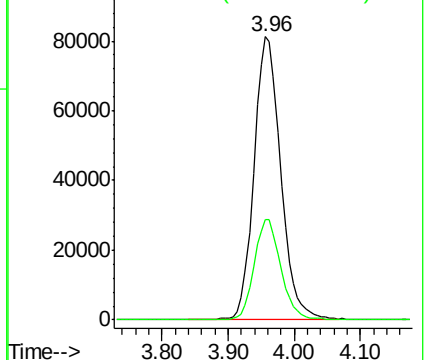
Ion Ratio Lower Upper

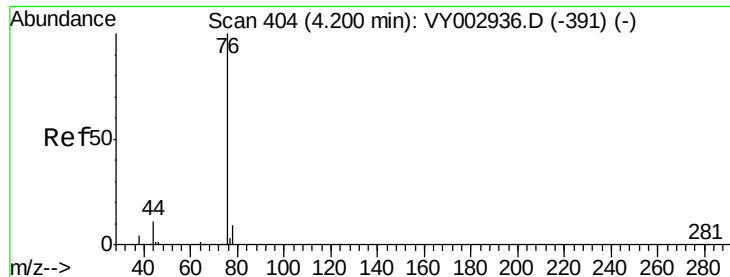
43 100

58 35.6 27.3 40.9



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





#17

Carbon Disulfide

Concen: 54.500 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

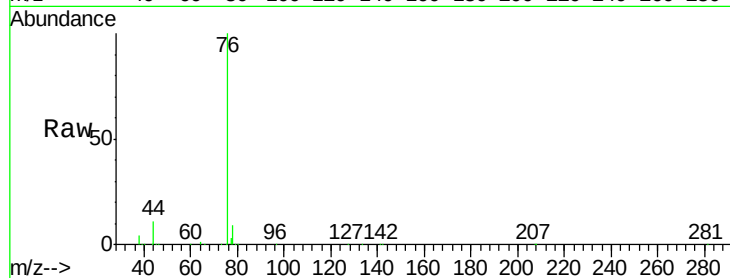
ICVY061920

Tgt Ion: 76 Resp: 558872

Ion Ratio Lower Upper

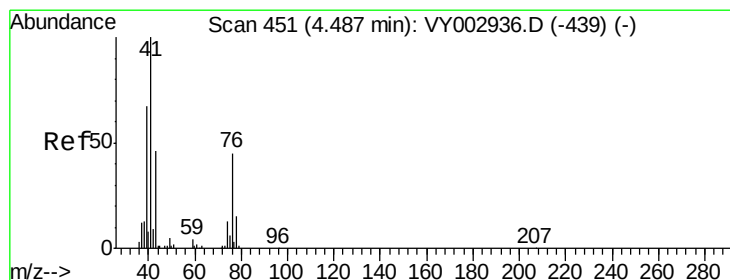
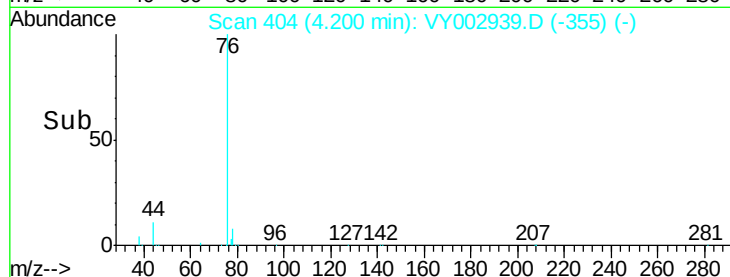
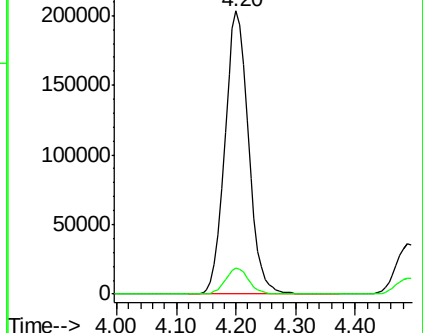
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 50.216 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002939.D

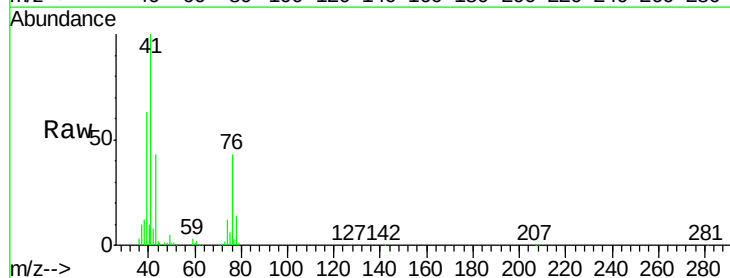
Acq: 19 Jun 2020 15:27

Tgt Ion: 43 Resp: 108230

Ion Ratio Lower Upper

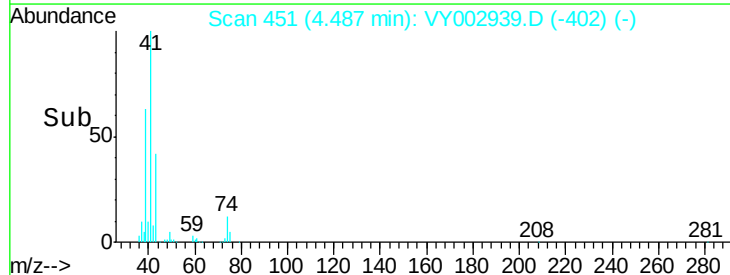
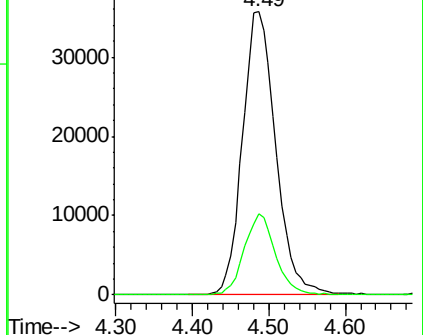
43 100

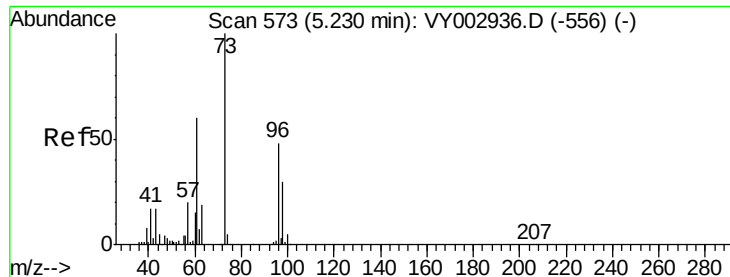
74 26.9 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



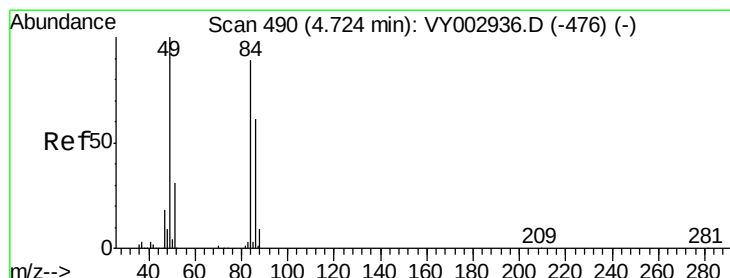
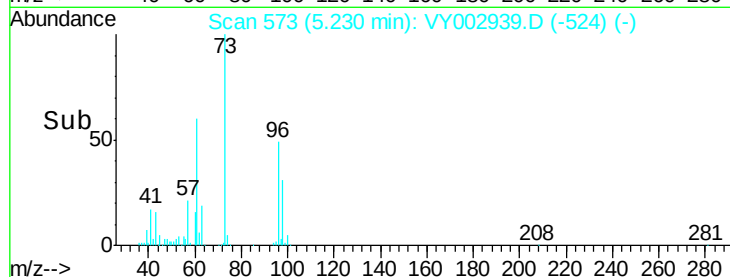
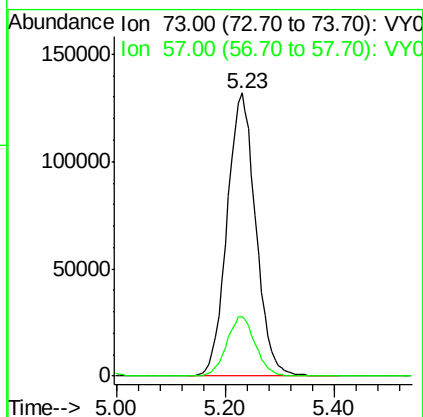
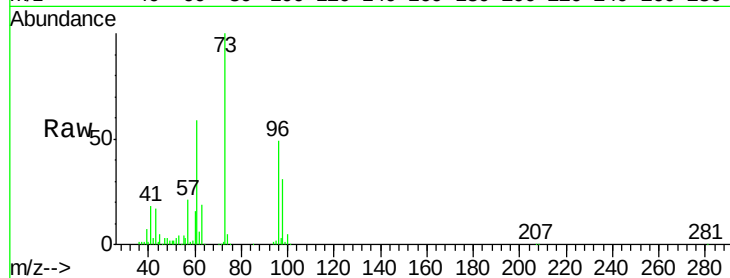


#19

Methyl tert-butyl Ether
 Concen: 51.266 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

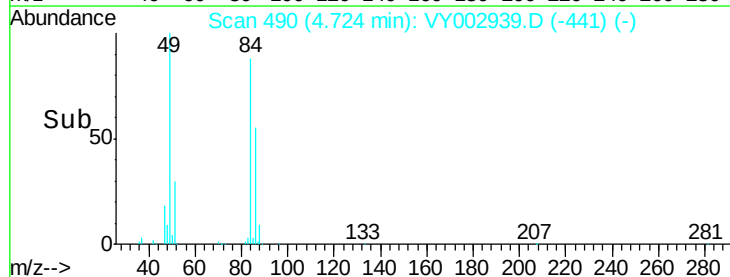
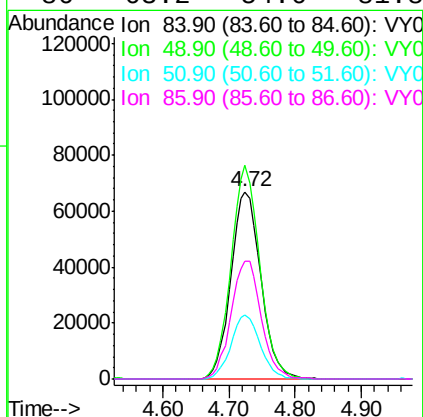
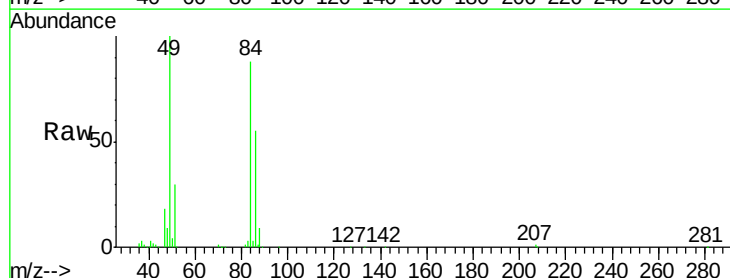
Tgt Ion: 73 Resp: 484302
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.4 24.6

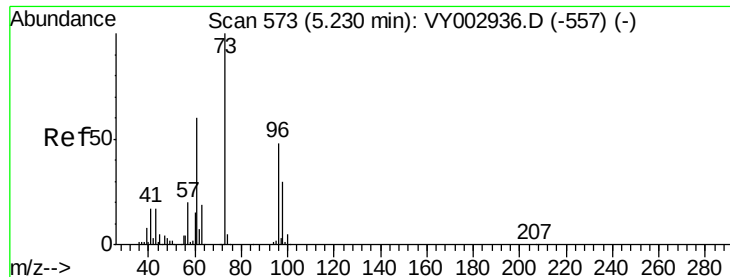


#20

Methylene Chloride
 Concen: 51.090 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 84 Resp: 210354
 Ion Ratio Lower Upper
 84 100
 49 114.0 90.0 135.0
 51 34.3 27.9 41.9
 86 63.2 54.6 81.8





#21

trans-1,2-Dichloroethene

Concen: 52.432 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

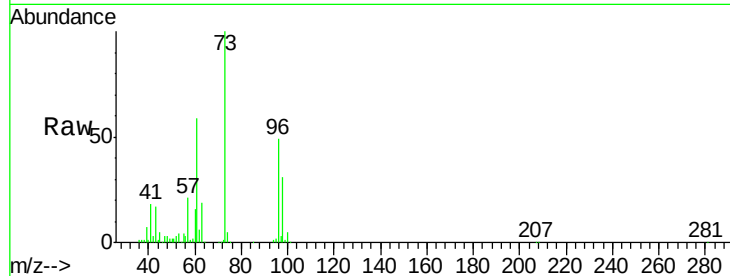
Tgt Ion: 96 Resp: 201918

Ion Ratio Lower Upper

96 100

61 120.9 100.6 150.8

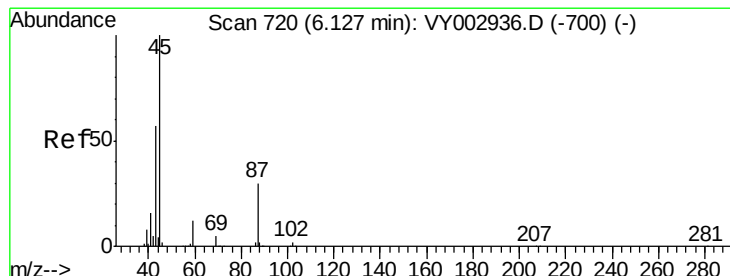
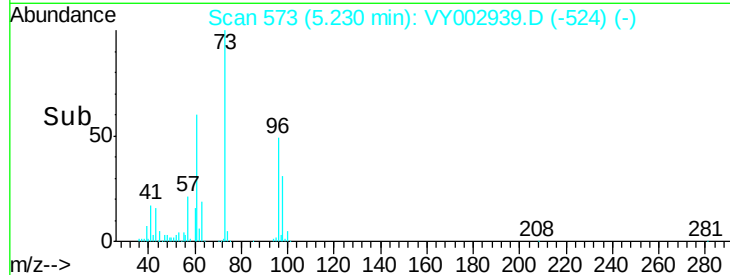
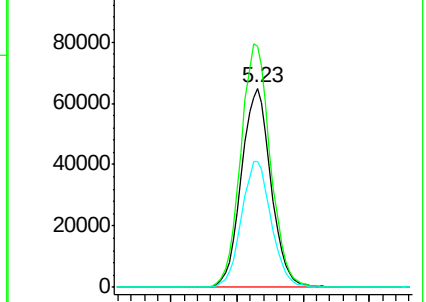
98 63.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 50.963 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Tgt Ion: 45 Resp: 520516

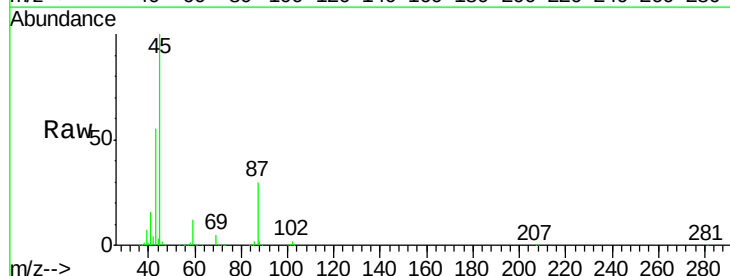
Ion Ratio Lower Upper

45 100

43 55.1 46.2 69.2

87 30.2 24.9 37.3

59 12.4 9.9 14.9

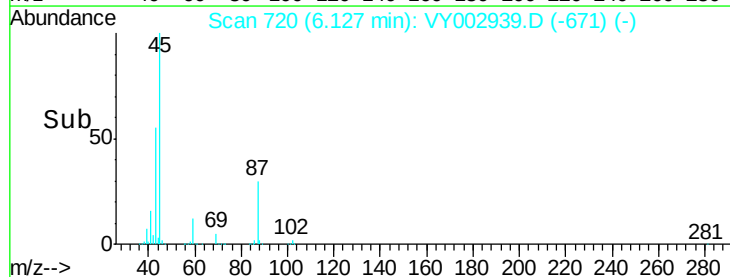
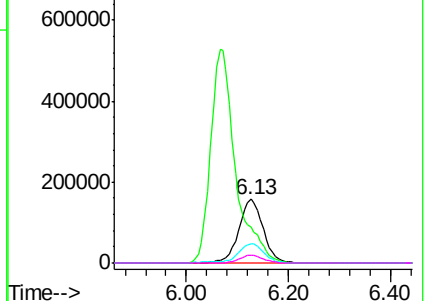


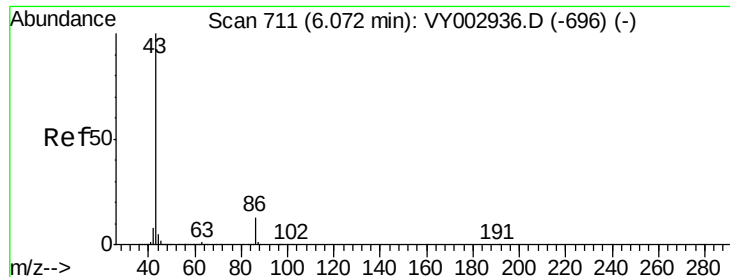
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 270.094 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

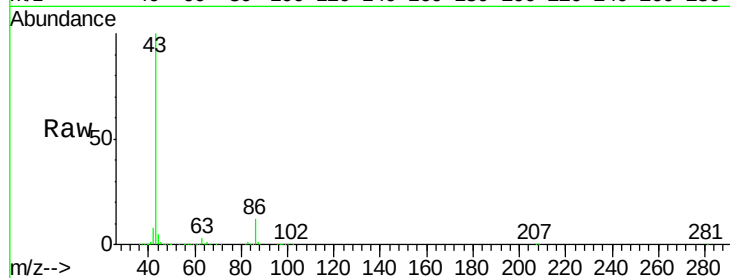
ICVY061920

Tgt Ion: 43 Resp: 1784457

Ion Ratio Lower Upper

43 100

86 12.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

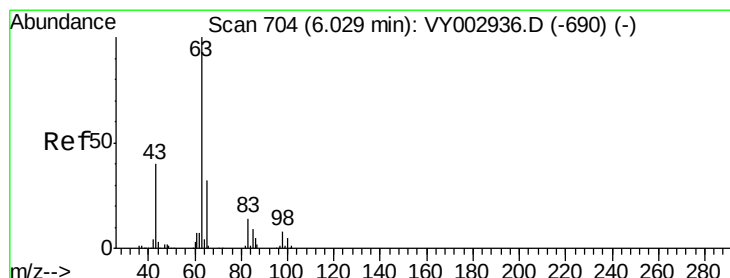
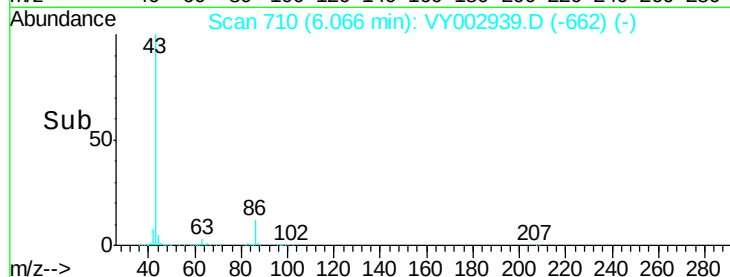
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.467 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

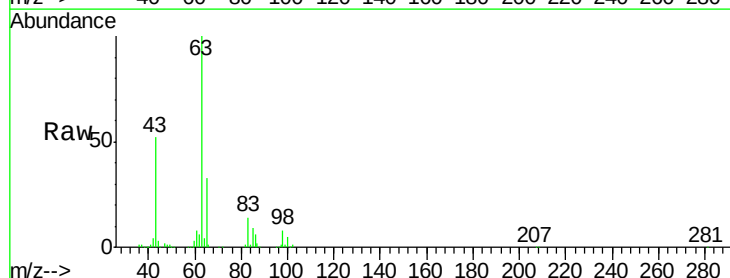
Tgt Ion: 63 Resp: 311415

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.0

100 5.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

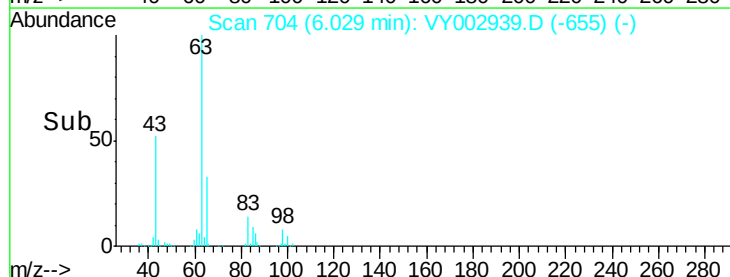
6.03

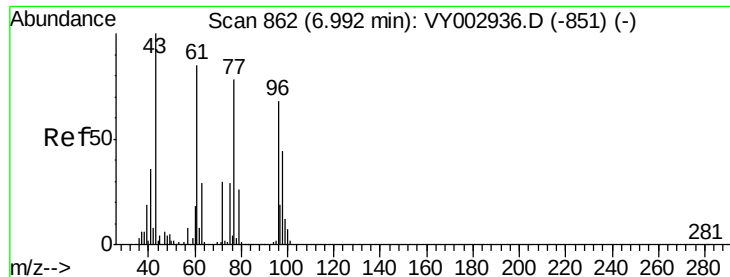
100000

50000

0

Time-->

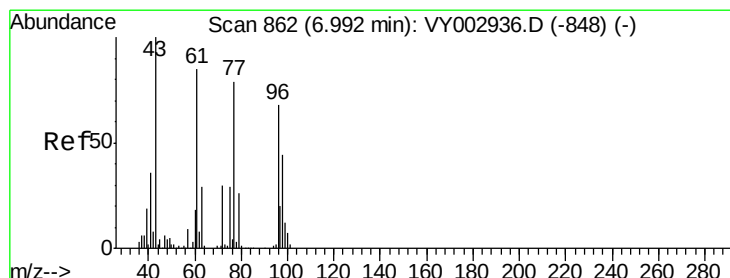
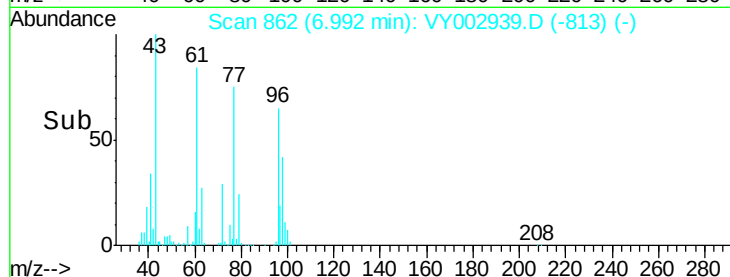
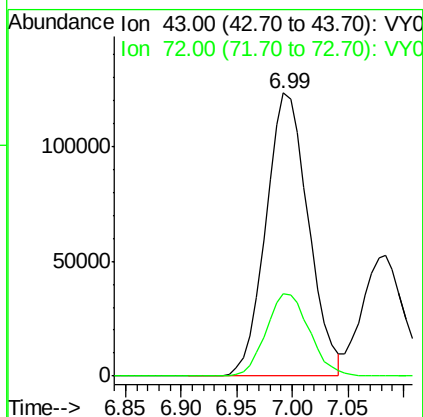
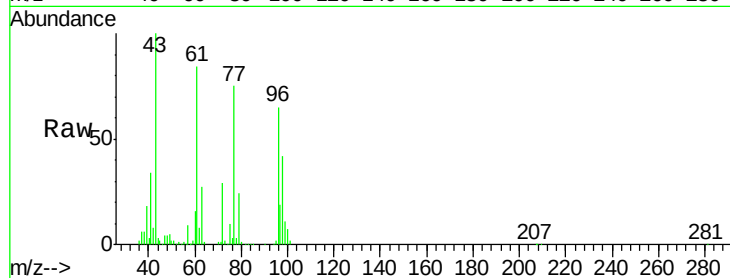




#25
2-Butanone
Concen: 256.195 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

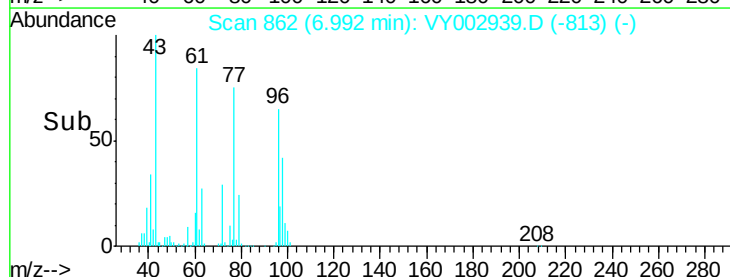
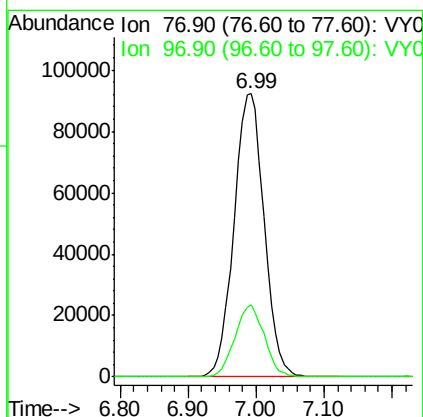
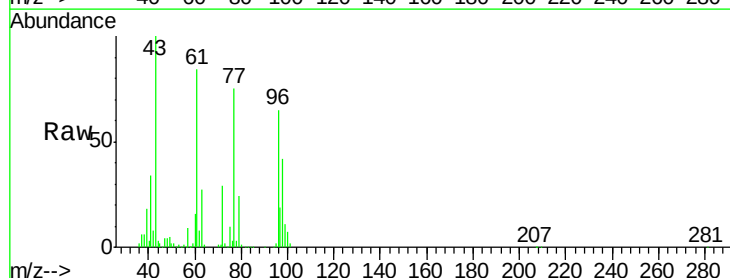
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

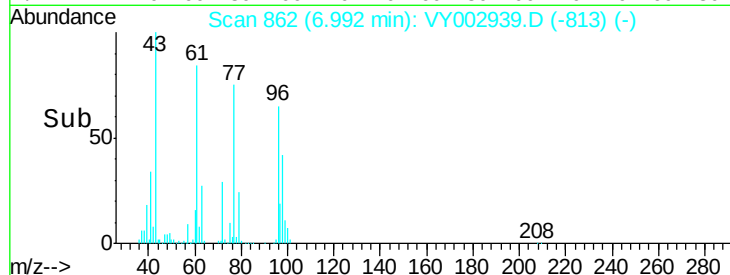
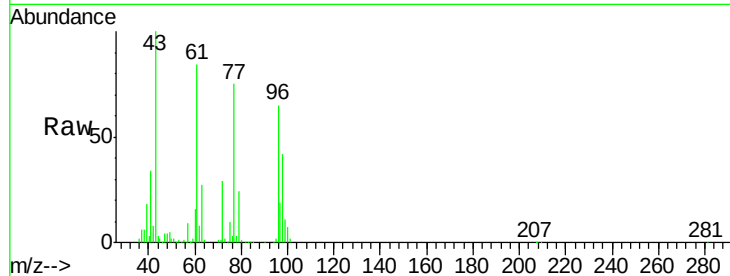
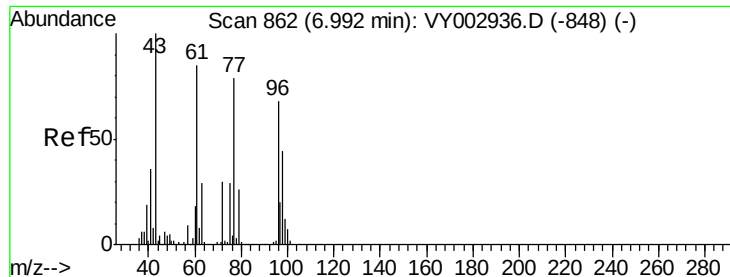
Tgt Ion: 43 Resp: 326829
Ion Ratio Lower Upper
43 100
72 29.0 24.2 36.4



#26
2,2-Dichloropropane
Concen: 50.101 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 77 Resp: 283136
Ion Ratio Lower Upper
77 100
97 24.8 12.3 36.9



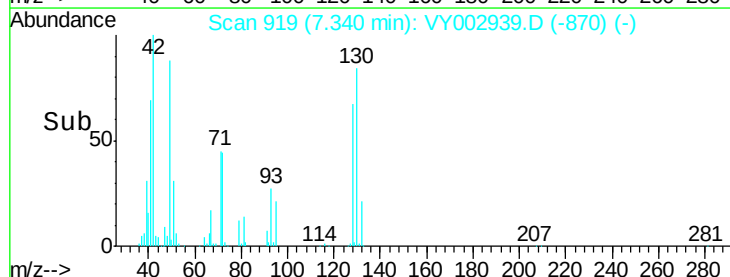
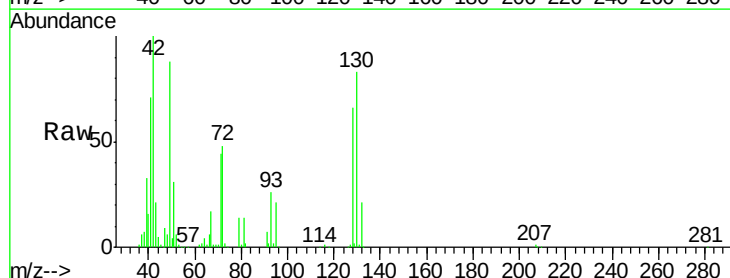
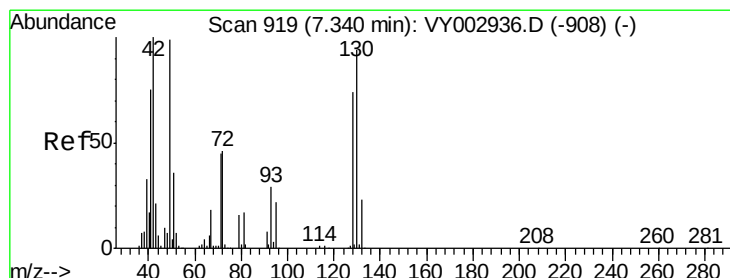
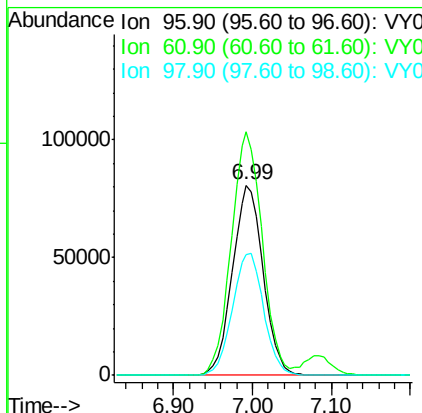


#27

cis-1,2-Dichloroethene
Concen: 50.694 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVY061920

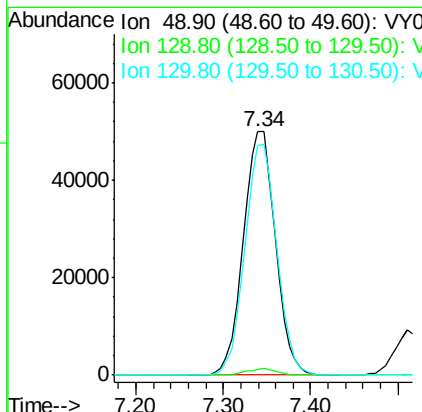
Tgt Ion: 96 Resp: 218193
Ion Ratio Lower Upper
96 100
61 129.0 0.0 257.0
98 65.2 0.0 129.8

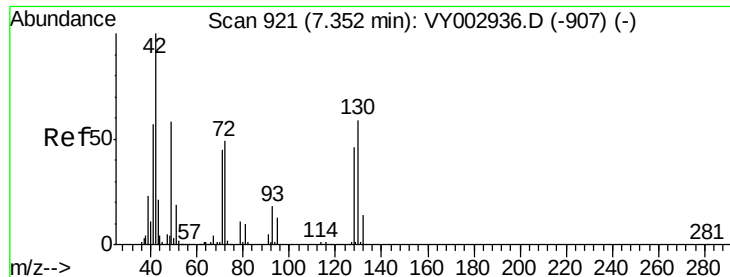


#28

Bromochloromethane
Concen: 50.487 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 49 Resp: 127725
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 94.3 78.4 117.6





#29

Tetrahydrofuran

Concen: 254.410 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

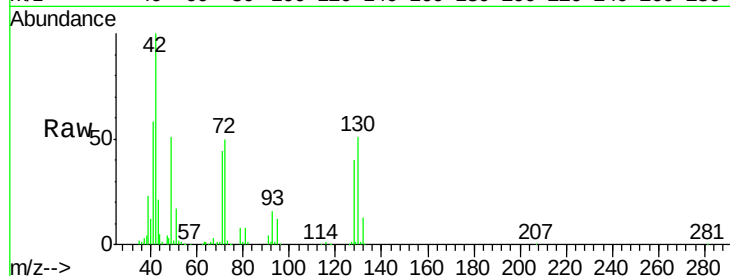
Tgt Ion: 42 Resp: 209644

Ion Ratio Lower Upper

42 100

72 48.6 39.1 58.7

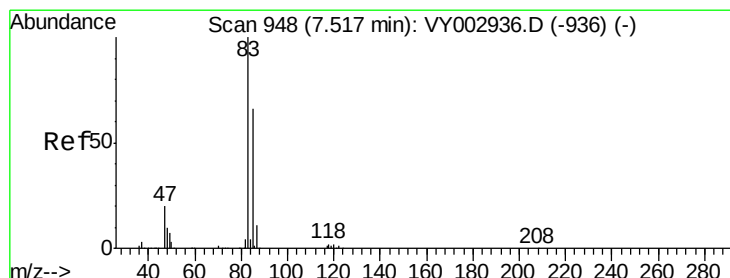
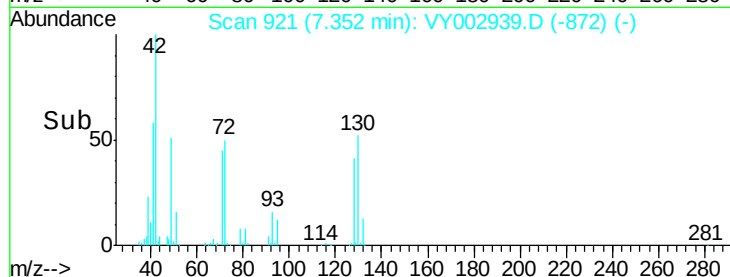
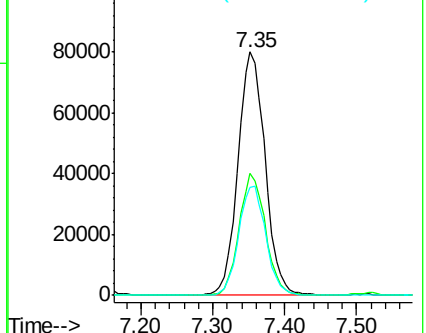
71 44.8 36.4 54.6



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.074 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002939.D

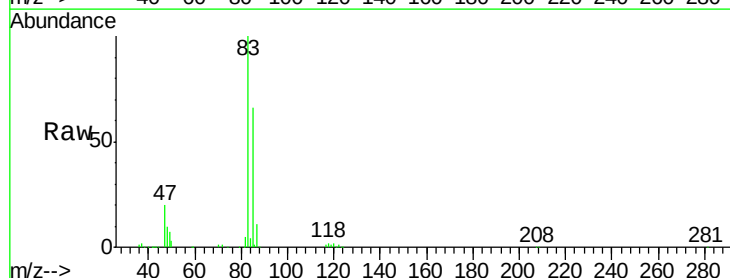
Acq: 19 Jun 2020 15:27

Tgt Ion: 83 Resp: 323672

Ion Ratio Lower Upper

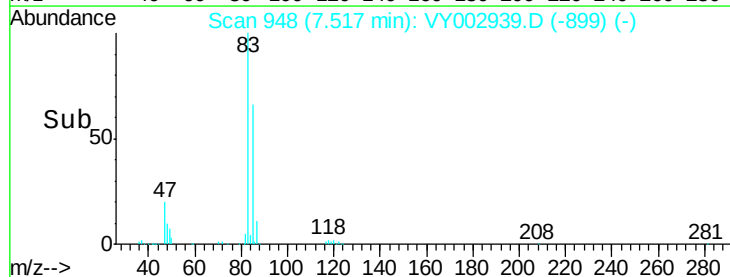
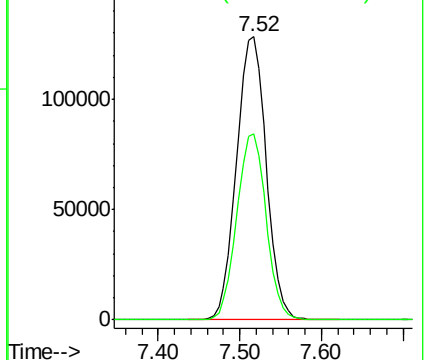
83 100

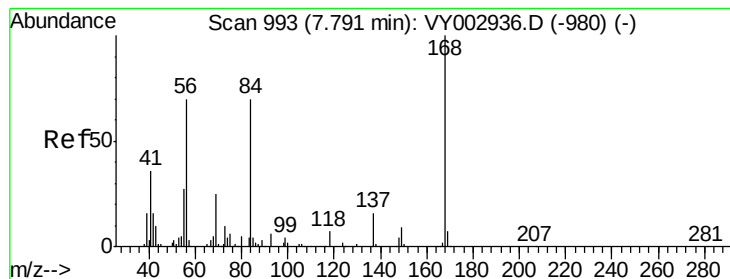
85 65.9 53.1 79.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.989 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVY061920

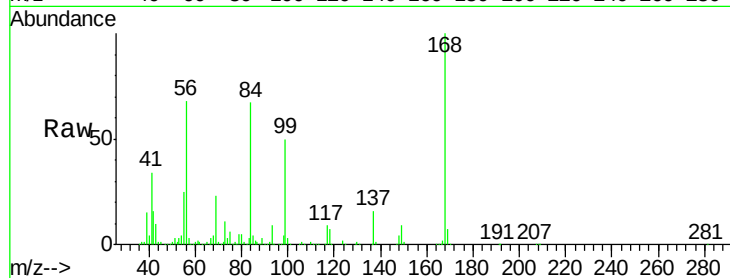
Tgt Ion: 56 Resp: 295045

Ion Ratio Lower Upper

56 100

69 34.6 28.9 43.3

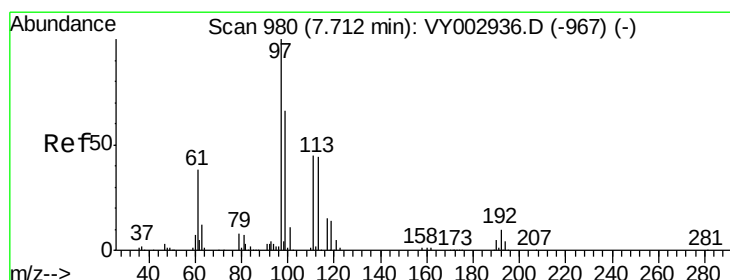
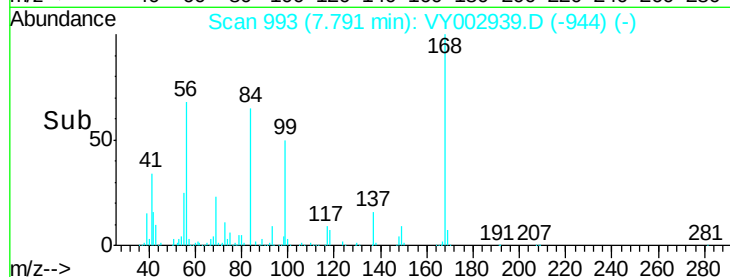
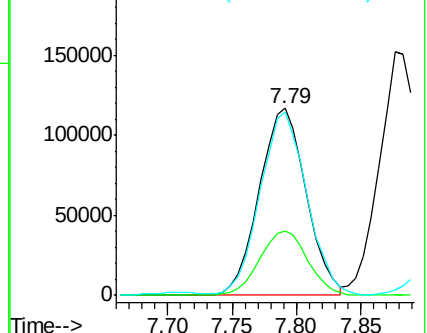
84 96.8 80.1 120.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.947 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

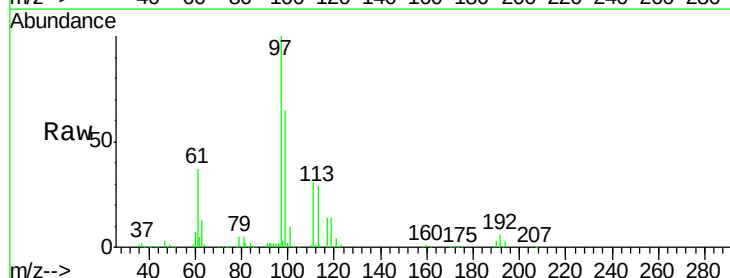
Tgt Ion: 97 Resp: 297504

Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.2

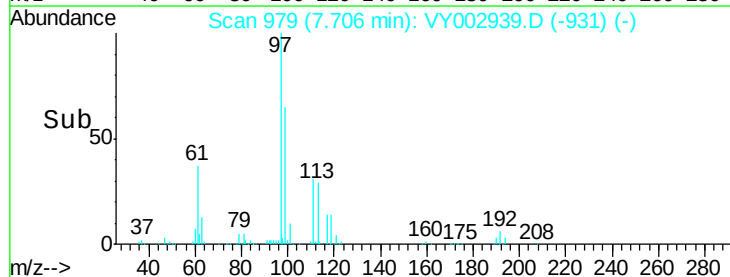
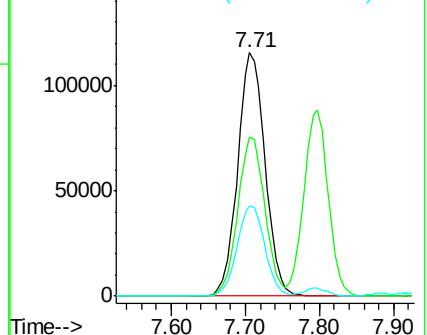
61 37.5 30.3 45.5

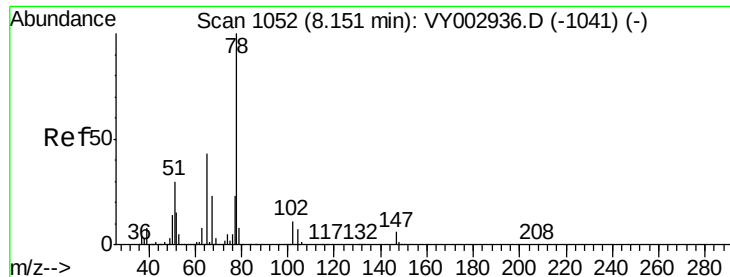


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

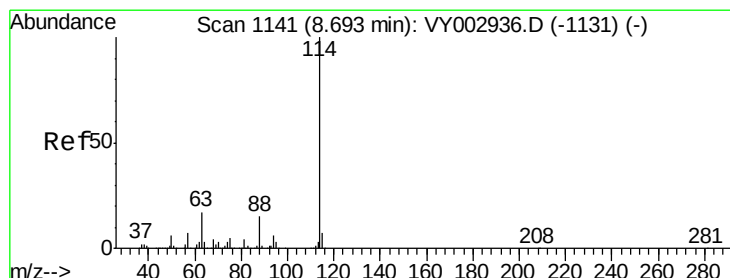
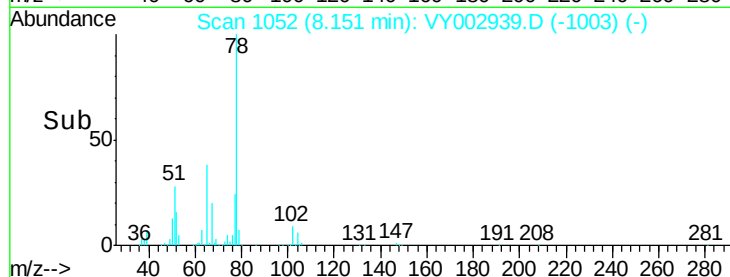
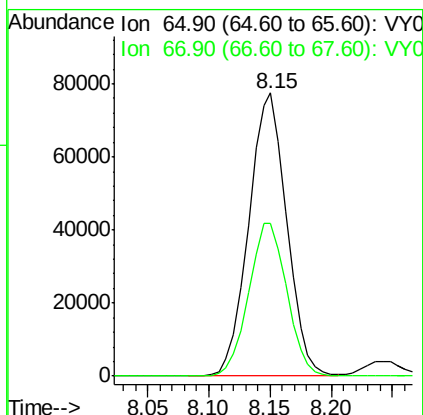
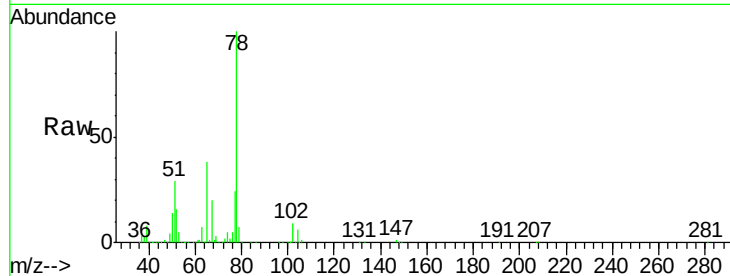




#33
 1,2-Dichloroethane-d4
 Concen: 48.670 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

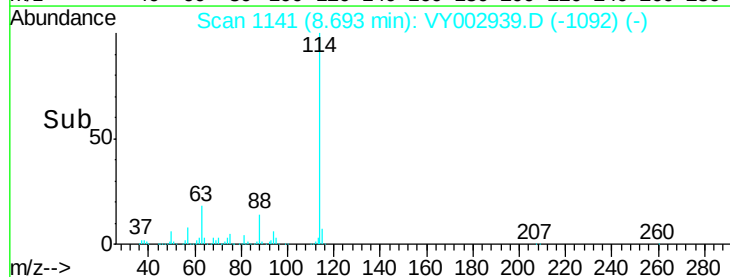
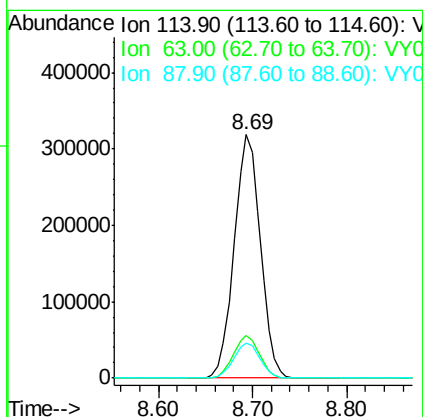
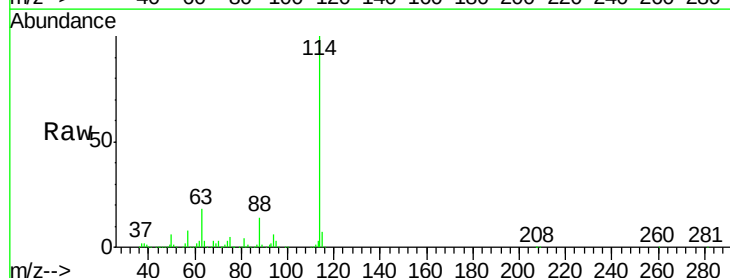
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

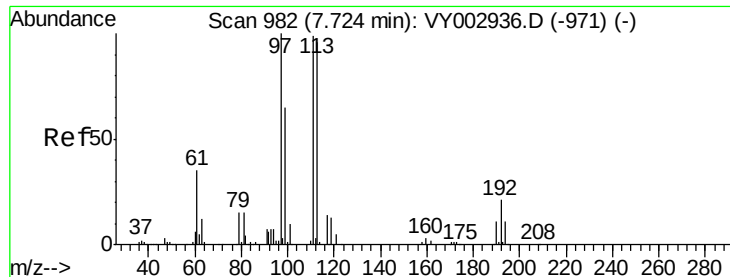
Tgt Ion: 65 Resp: 167291
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 114 Resp: 614881
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.6
 88 14.4 0.0 29.2

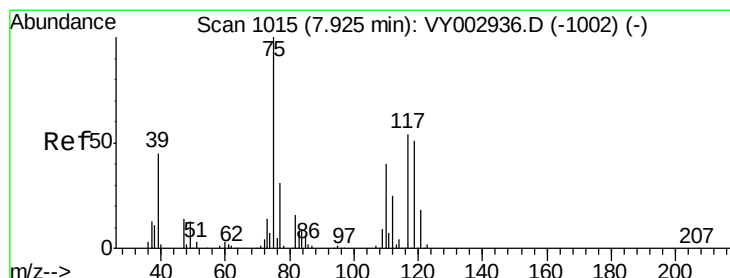
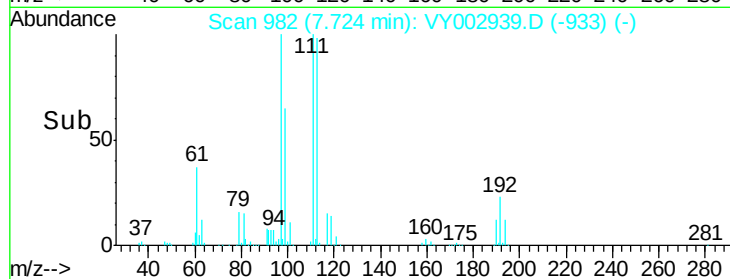
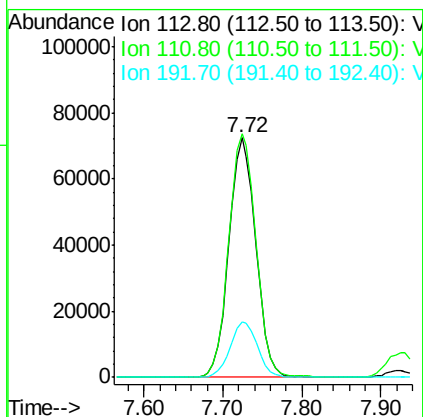
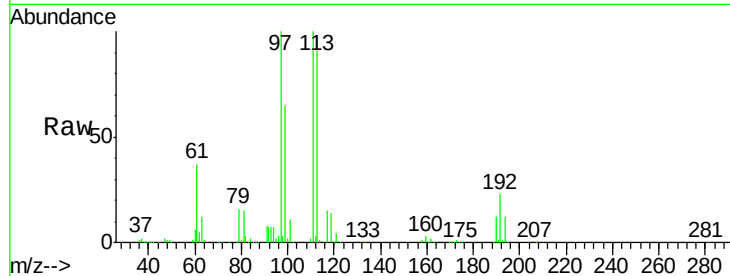




#35
 Dibromofluoromethane
 Concen: 49.453 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

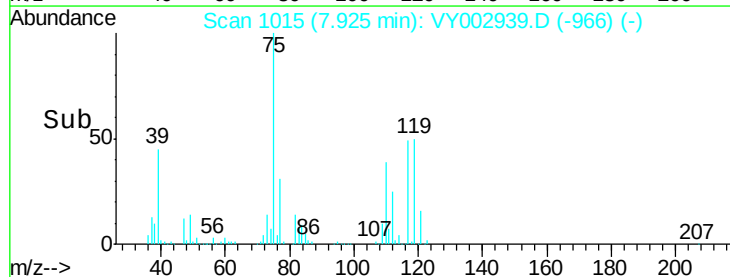
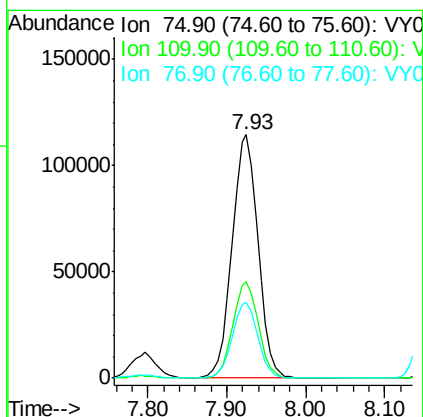
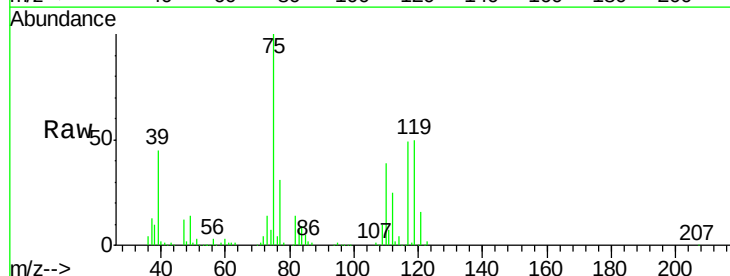
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

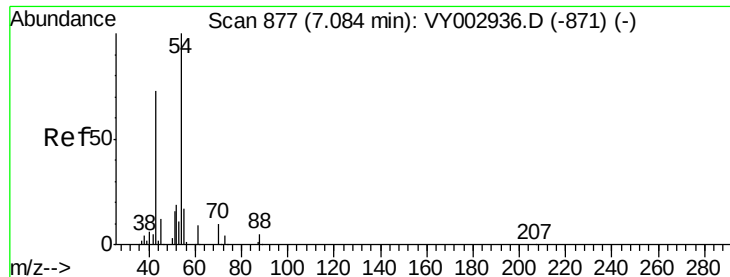
Tgt Ion:113 Resp: 172054
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 23.3 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 52.390 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 75 Resp: 261620
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.7 59.0
 77 30.9 25.0 37.4

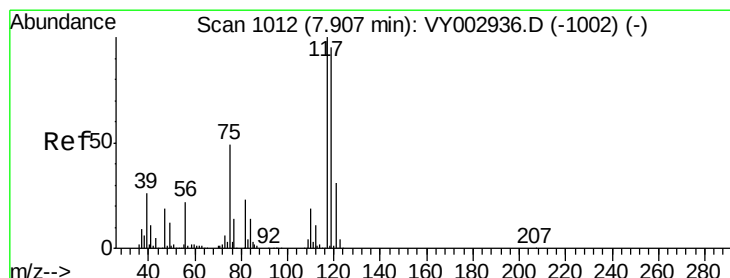
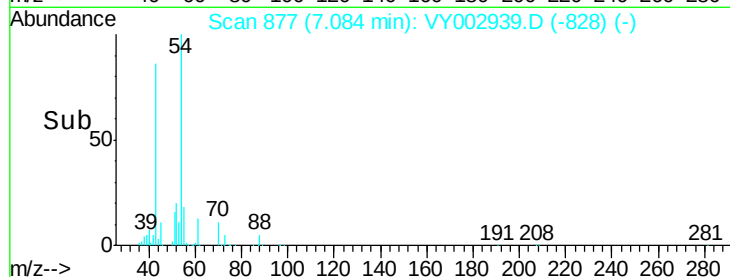
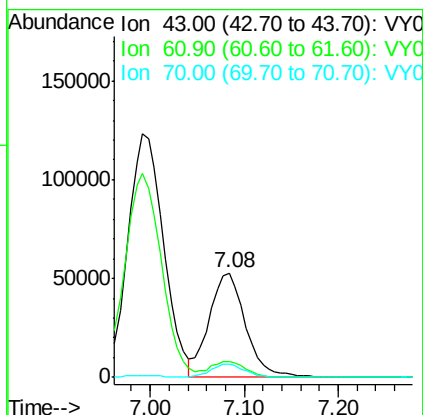
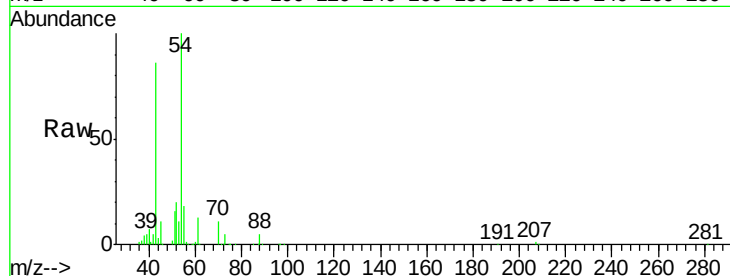




#37
Ethyl Acetate
Concen: 50.854 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

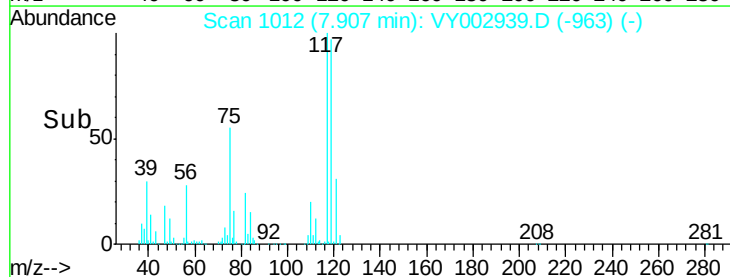
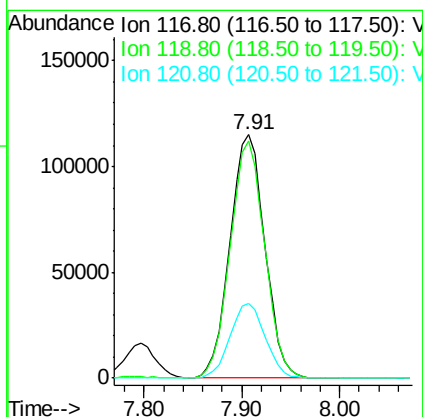
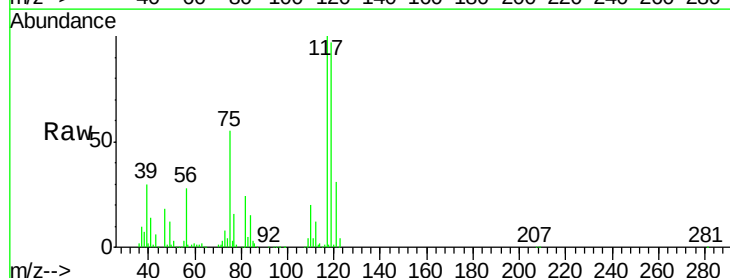
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

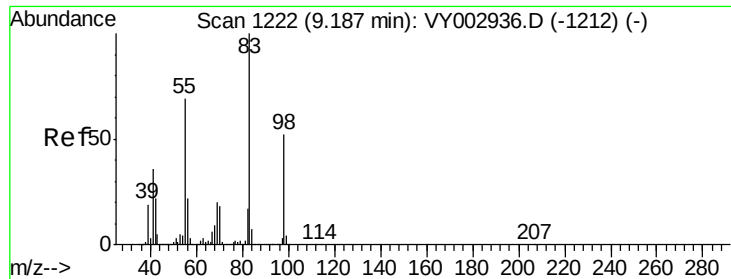
Tgt Ion: 43 Resp: 141010
Ion Ratio Lower Upper
43 100
61 14.6 12.3 18.5
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 51.698 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 117 Resp: 284513
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 30.8 24.8 37.2

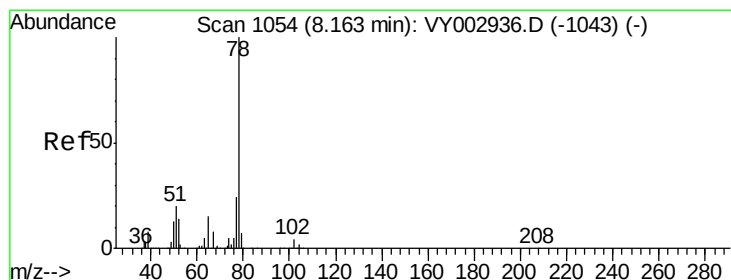
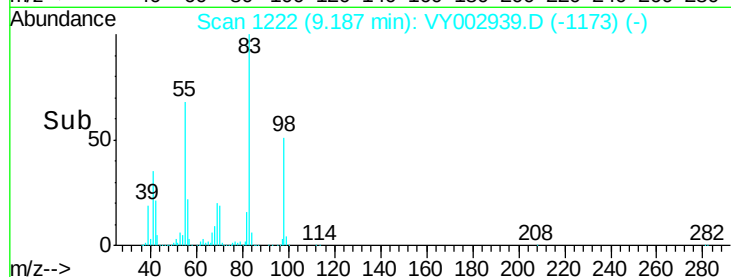
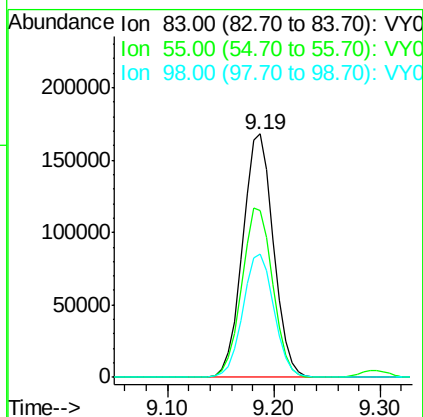
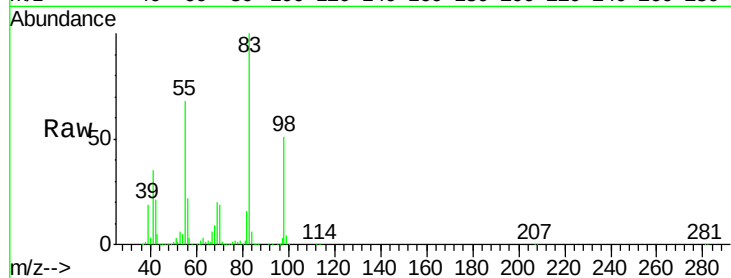




#39
Methylcyclohexane
Concen: 52.065 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

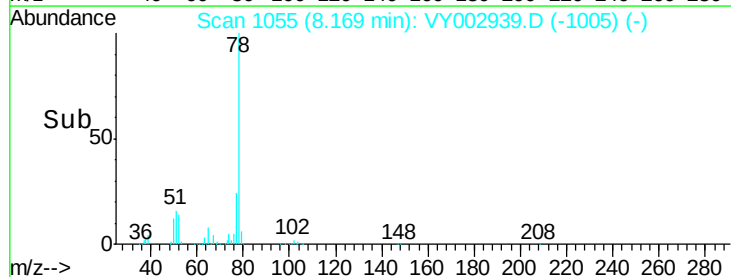
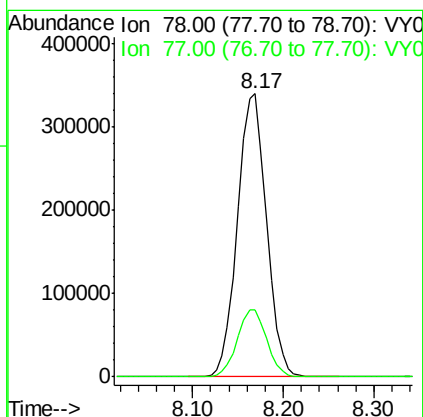
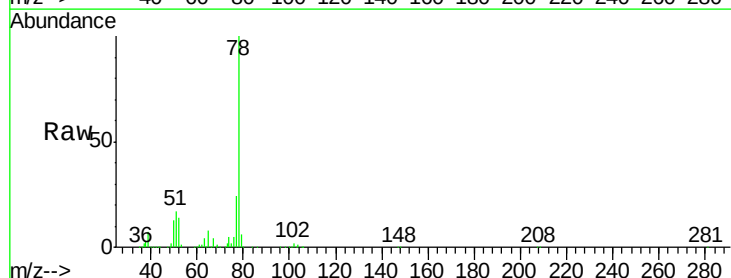
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

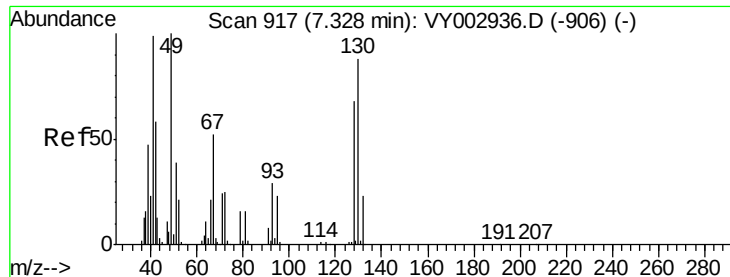
Tgt Ion: 83 Resp: 342728
Ion Ratio Lower Upper
83 100
55 68.4 55.0 82.4
98 50.5 41.4 62.2



#40
Benzene
Concen: 50.747 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion: 78 Resp: 754457
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

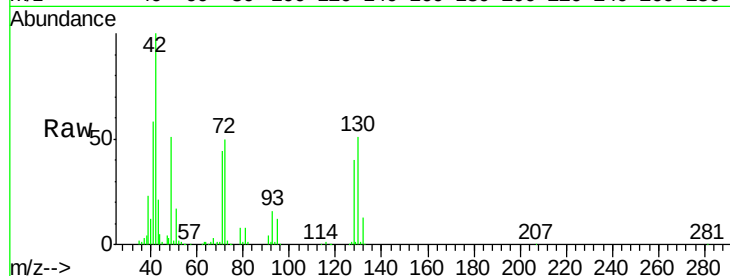




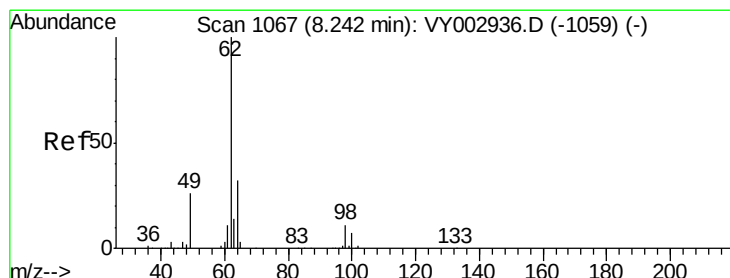
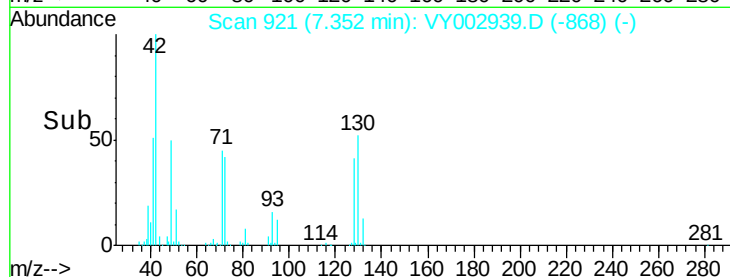
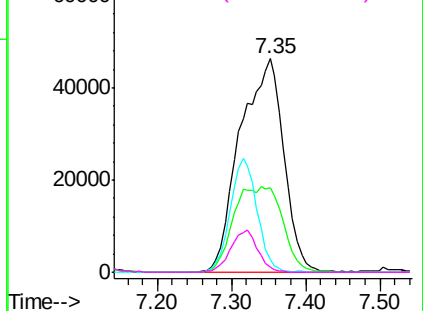
#41
Methacrylonitrile
Concen: 136.659 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY061920

Tgt Ion:	41	Resp:	189713
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

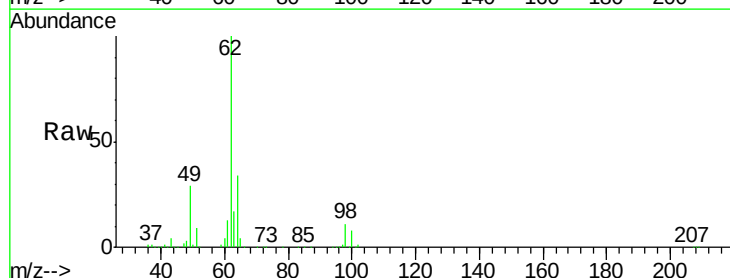


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

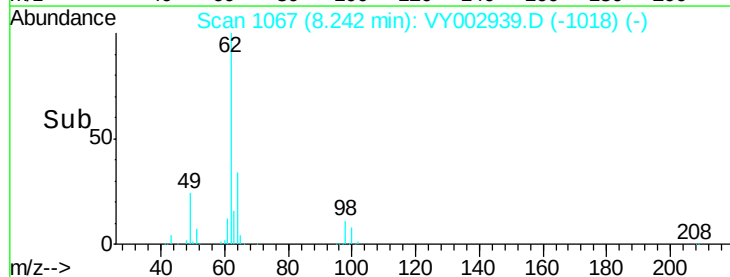
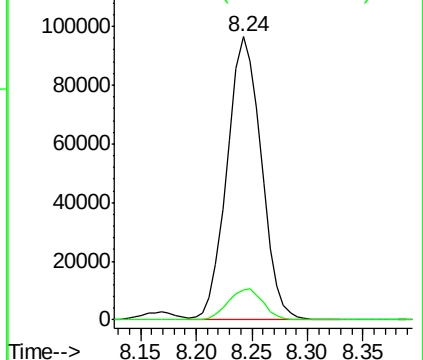


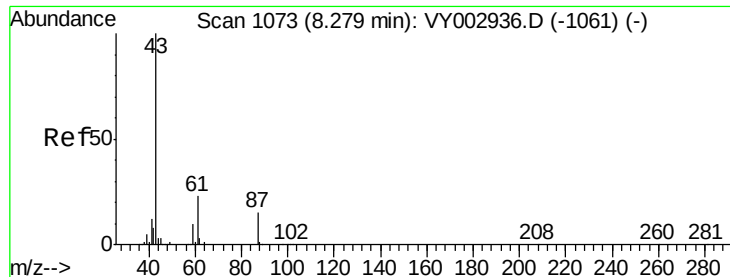
#42
1,2-Dichloroethane
Concen: 49.967 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002939.D
Acq: 19 Jun 2020 15:27

Tgt Ion:	62	Resp:	206181
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 51.245 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002939.D

Acq: 19 Jun 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY061920

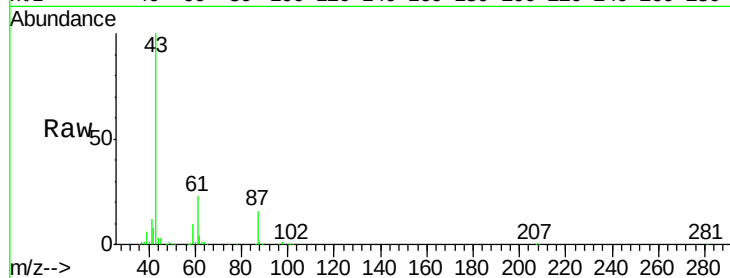
Tgt Ion: 43 Resp: 264602

Ion Ratio Lower Upper

43 100

61 31.1 25.0 37.4

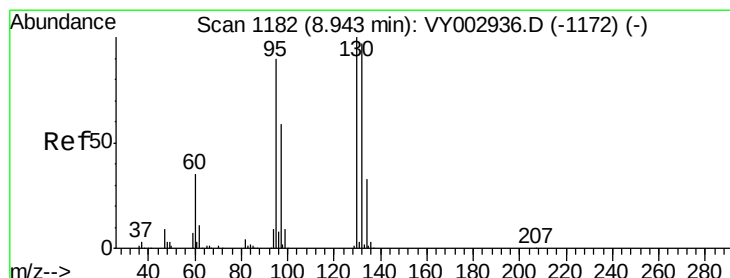
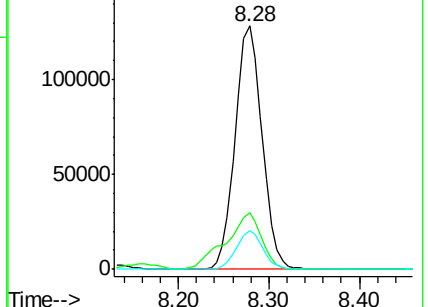
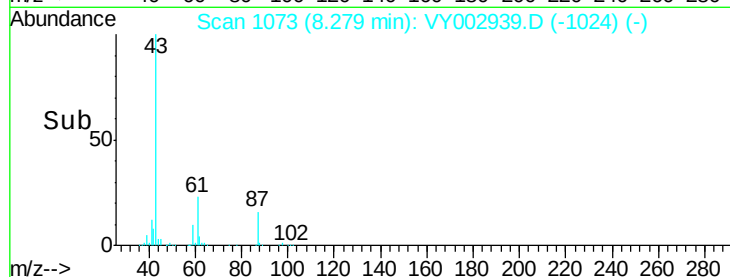
87 15.4 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VY002939.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002939.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002939.D (-1024) (-)



#44

Trichloroethene

Concen: 50.523 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002939.D

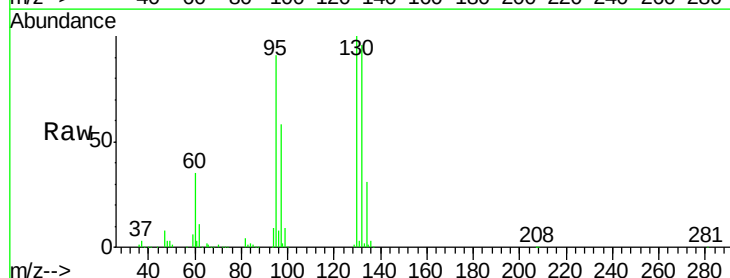
Acq: 19 Jun 2020 15:27

Tgt Ion: 130 Resp: 232665

Ion Ratio Lower Upper

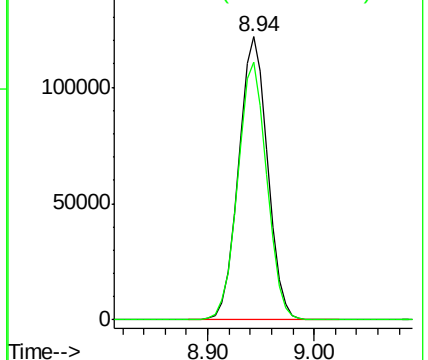
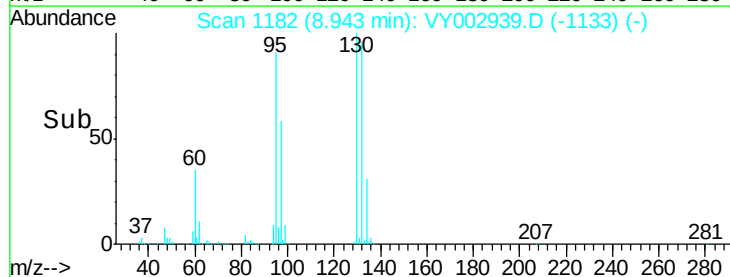
130 100

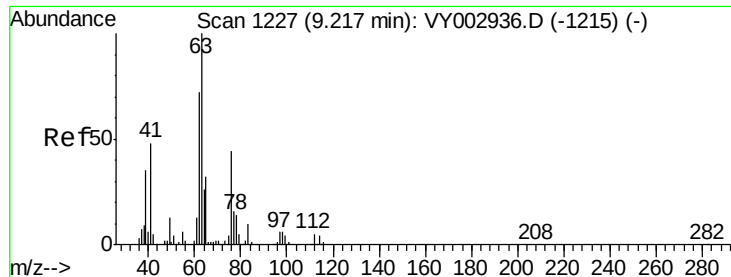
95 91.0 0.0 179.6



Abundance Ion 129.80 (129.50 to 130.50): VY002939.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002939.D (-1133) (-)

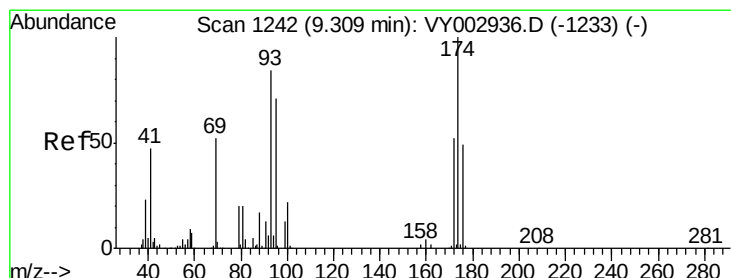
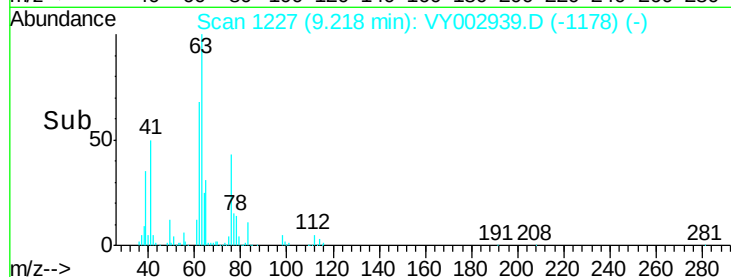
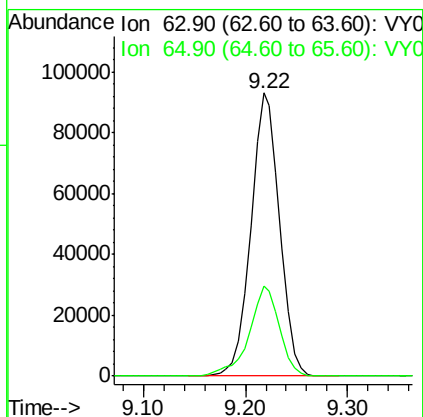
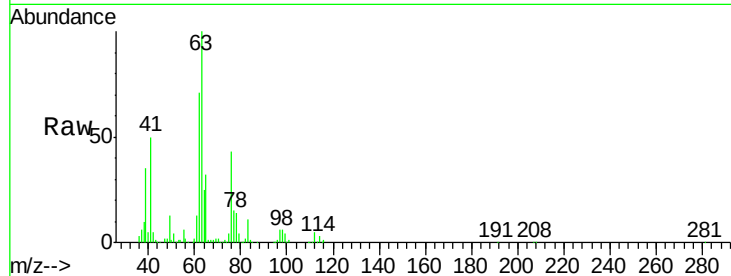




#45
 1,2-Dichloropropane
 Concen: 50.820 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY061920

Tgt Ion: 63 Resp: 181697
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.5 38.3



#46
 Dibromomethane
 Concen: 50.865 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002939.D
 Acq: 19 Jun 2020 15:27

Tgt Ion: 93 Resp: 108584
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 120.0 95.1 142.7

