

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002917.D
 Acq On : 18 Jun 2020 14:01
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:02:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	268444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	389720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	114875	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.72	113	117993	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.18	98	454820	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	164983	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34585	18.724	ug/l	100
3) Chloromethane	2.12	50	41288	20.209	ug/l	96
4) Vinyl Chloride	2.26	62	42681	19.764	ug/l	99
5) Bromomethane	2.65	94	32957	20.365	ug/l	98
6) Chloroethane	2.79	64	29381	20.988	ug/l	98
7) Trichlorofluoromethane	3.13	101	82275	21.512	ug/l	100
8) Diethyl Ether	3.54	74	29231	19.573	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	50281	22.142	ug/l	99
10) Methyl Iodide	4.10	142	64412	20.271	ug/l	99
11) Tert butyl alcohol	4.97	59	32388	122.786	ug/l	96
12) 1,1-Dichloroethene	3.88	96	49136	21.516	ug/l	98
13) Acrolein	3.74	56	18290	66.960	ug/l	97
14) Allyl chloride	4.49	41	68826	21.013	ug/l	98
15) Acrylonitrile	5.18	53	72459	107.549	ug/l	99
16) Acetone	3.96	43	61684	112.860	ug/l	94
17) Carbon Disulfide	4.20	76	130956	18.976	ug/l	98
18) Methyl Acetate	4.49	43	34776	24.871	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	134661	21.359	ug/l	99
20) Methylene Chloride	4.72	84	63374	23.727	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	53470	20.820	ug/l	97
22) Diisopropyl ether	6.13	45	144840	21.280	ug/l	93
23) Vinyl Acetate	6.07	43	464693	103.410	ug/l	100
24) 1,1-Dichloroethane	6.03	63	87006	21.852	ug/l	98
25) 2-Butanone	7.00	43	93123	109.360	ug/l	98
26) 2,2-Dichloropropane	6.99	77	85533	22.399	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	61432	21.367	ug/l	99
28) Bromochloromethane	7.35	49	35581	21.769	ug/l	97
29) Tetrahydrofuran	7.35	42	58706	105.989	ug/l	98
30) Chloroform	7.52	83	92374	21.864	ug/l	98
31) Cyclohexane	7.79	56	78500	19.858	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	85694	21.766	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71213	21.692	ug/l	99
37) Ethyl Acetate	7.08	43	39552	22.144	ug/l	99
38) Carbon Tetrachloride	7.91	117	80506	22.075	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	89426	20.666	ug/l	98
40) Benzene	8.17	78	209406	21.588	ug/l	98
41) Methacrylonitrile	7.35	41	53304	55.550	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	59687	21.955	ug/l	99
43) Isopropyl Acetate	8.28	43	73358	21.673	ug/l	100
44) Trichloroethene	8.94	130	65629	21.419	ug/l	100
45) 1,2-Dichloropropane	9.22	63	50988	21.919	ug/l	94
46) Dibromomethane	9.31	93	29995	21.711	ug/l	99
47) Bromodichloromethane	9.50	83	73849	22.675	ug/l	95
48) Methyl methacrylate	9.30	41	32304	21.142	ug/l	99
49) 1,4-Dioxane	9.31	88	9221	434.689	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	196383	109.569	ug/l	100
52) Toluene	10.24	92	137215	21.623	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	77727	21.850	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	88744	22.016	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	46373	21.925	ug/l	94
56) Ethyl methacrylate	10.51	69	60682	21.420	ug/l	98
57) 1,3-Dichloropropane	10.79	76	73939	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	151702	109.591	ug/l	99
59) 2-Hexanone	10.83	43	140909	110.804	ug/l	100
60) Dibromochloromethane	10.99	129	59443	22.168	ug/l	99
61) 1,2-Dibromoethane	11.09	107	45777	21.941	ug/l	100
64) Tetrachloroethene	10.72	164	68940	20.797	ug/l	99
65) Chlorobenzene	11.52	112	155864	21.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59651	21.971	ug/l	98
67) Ethyl Benzene	11.59	91	272155	21.777	ug/l	99
68) m/p-Xylenes	11.70	106	212543	43.864	ug/l	98
69) o-Xylene	12.03	106	100993	22.078	ug/l	99
70) Styrene	12.04	104	173022	21.820	ug/l	99
71) Bromoform	12.20	173	40894	22.510	ug/l #	99
73) Isopropylbenzene	12.33	105	273247	21.118	ug/l	99
74) N-amyl acetate	12.14	43	69163	20.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	50570	22.275	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	72366	39.776	ug/l #	100
77) Bromobenzene	12.61	156	71985	21.366	ug/l	97
78) n-propylbenzene	12.67	91	320247	21.427	ug/l	100
79) 2-Chlorotoluene	12.75	91	178005	21.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232875	21.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20368	21.092	ug/l #	78
82) 4-Chlorotoluene	12.85	91	188344	21.442	ug/l	100
83) tert-Butylbenzene	13.07	119	207526	21.535	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	233729	21.516	ug/l	99
85) sec-Butylbenzene	13.25	105	284377	21.582	ug/l	100
86) p-Isopropyltoluene	13.37	119	266271	21.717	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	138417	21.689	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	136134	21.324	ug/l	99
89) n-Butylbenzene	13.70	91	241211	21.669	ug/l	100
90) Hexachloroethane	13.96	117	49510	21.570	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	126115	21.790	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9292	21.274	ug/l	98

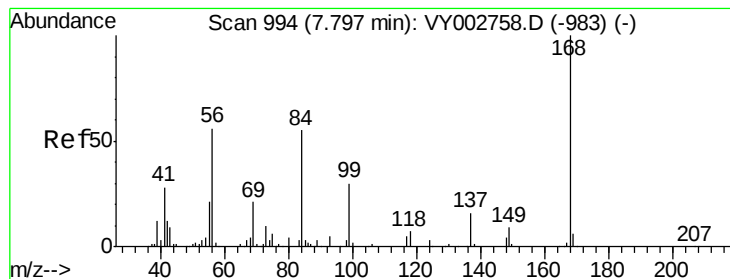
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95194	21.821	ug/l	99
94) Hexachlorobutadiene	15.11	225	55676	22.502	ug/l	99
95) Naphthalene	15.23	128	184701	21.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	84066	21.579	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: VY002917.D

Acq: 18 Jun 2020 14:01

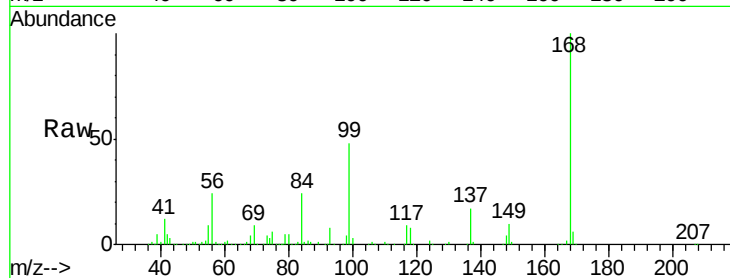
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 268444

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002917.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002917.D (-945) (-)

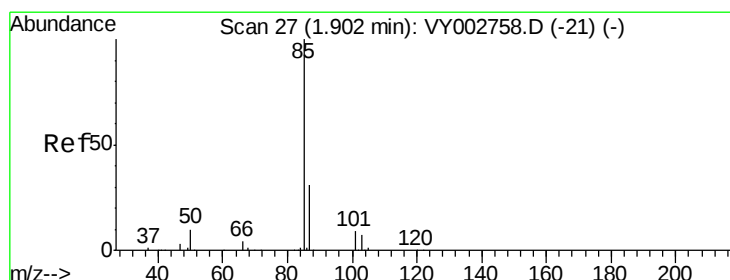
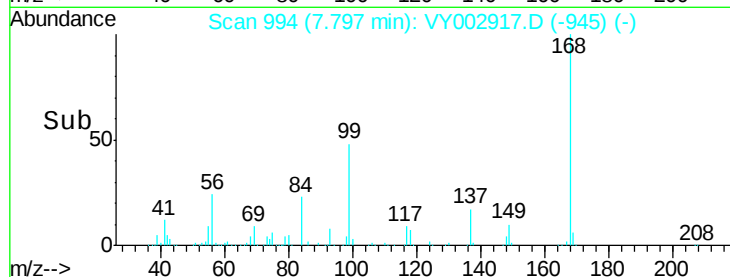
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.724 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002917.D

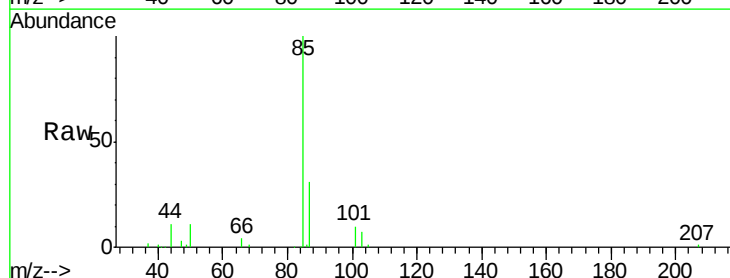
Acq: 18 Jun 2020 14:01

Tgt Ion: 85 Resp: 34585

Ion Ratio Lower Upper

85 100

87 31.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002917.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002917.D (-1) (-)

1.90

25000

20000

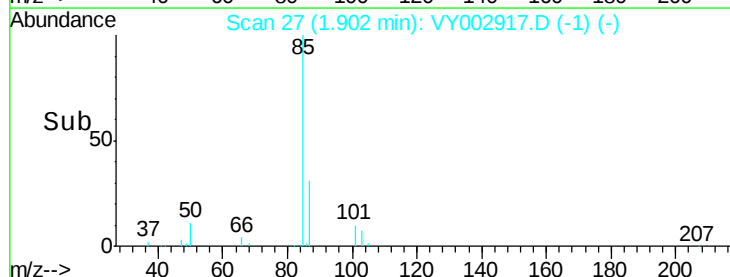
15000

10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.209 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

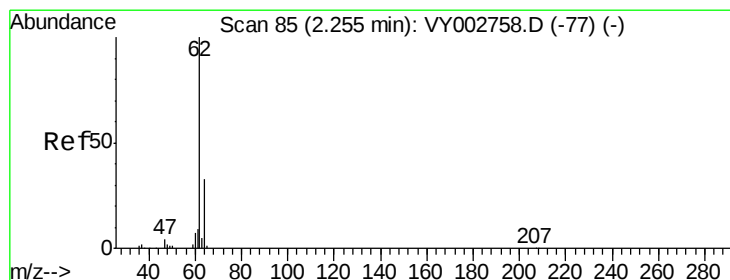
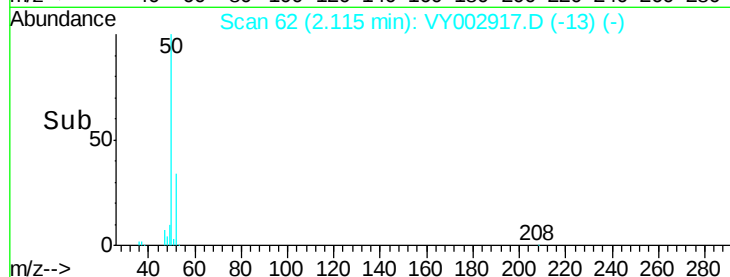
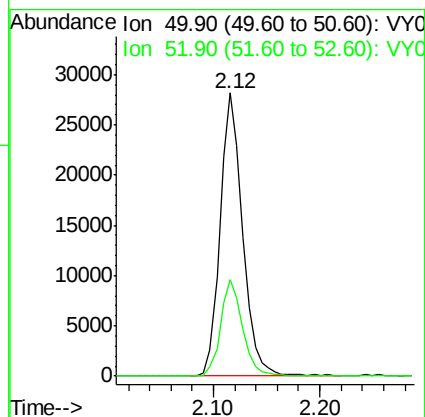
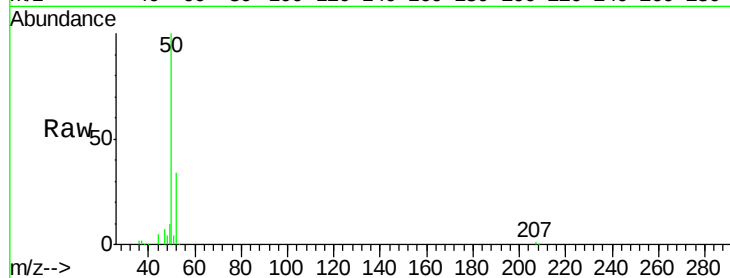
ClientSampleId :

Tot Ion: 50 Resp: 41288

Ion Ratio Lower Upper

50 100

52 34.3 25.8 38.6



#4

Vinyl Chloride

Concen: 19.764 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002917.D

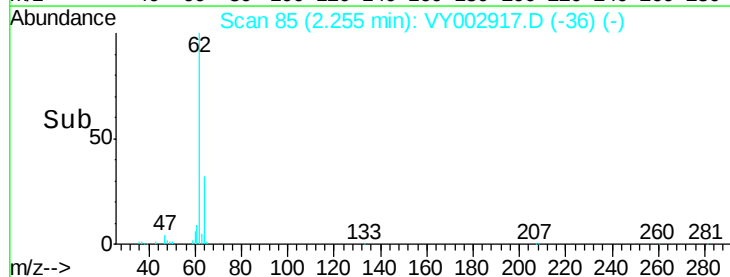
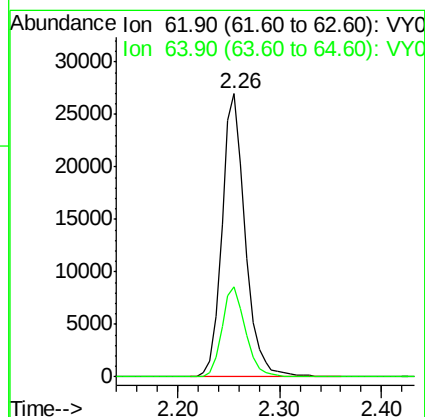
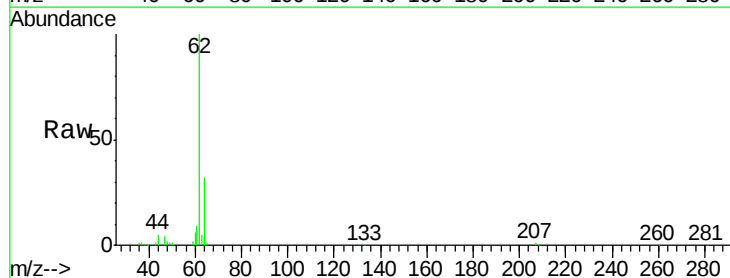
Acq: 18 Jun 2020 14:01

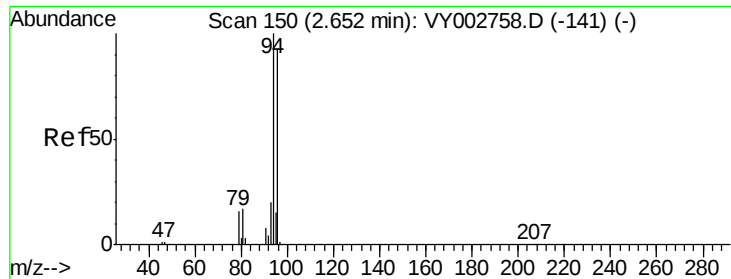
Tgt Ion: 62 Resp: 42681

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 20.365 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

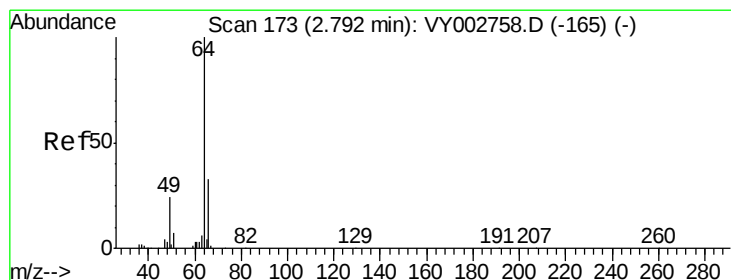
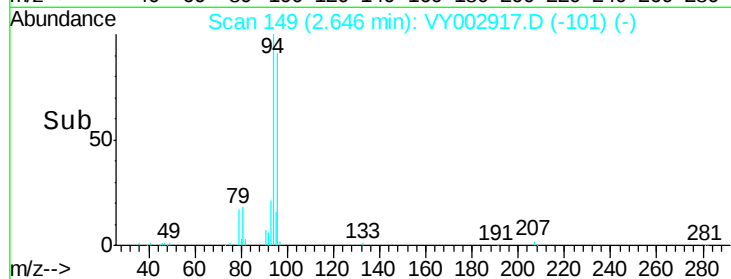
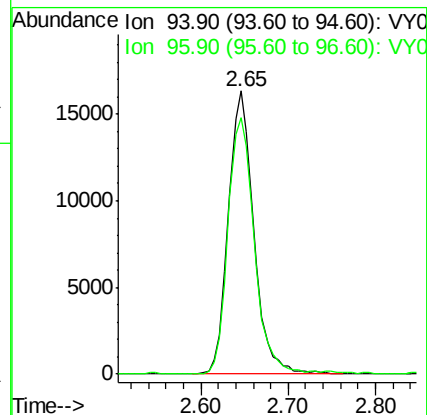
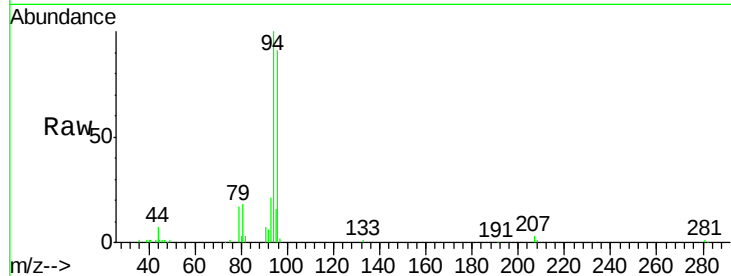
ClientSampleId :

Tot Ion: 94 Resp: 32957

Ion Ratio Lower Upper

94 100

96 90.6 73.7 110.5



#6

Chloroethane

Concen: 20.988 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002917.D

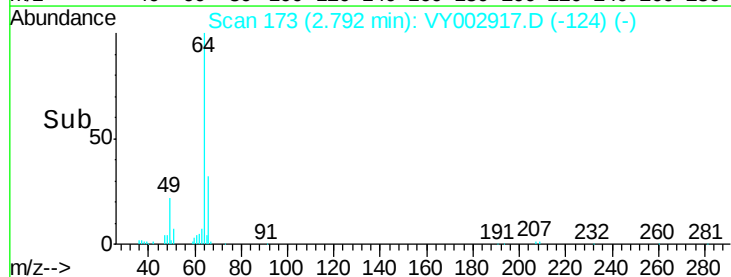
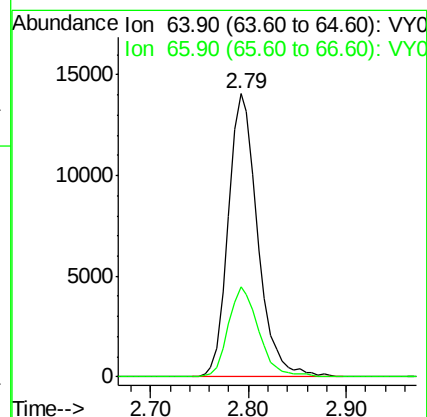
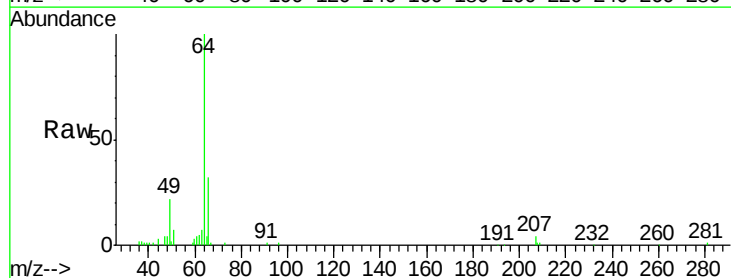
Acq: 18 Jun 2020 14:01

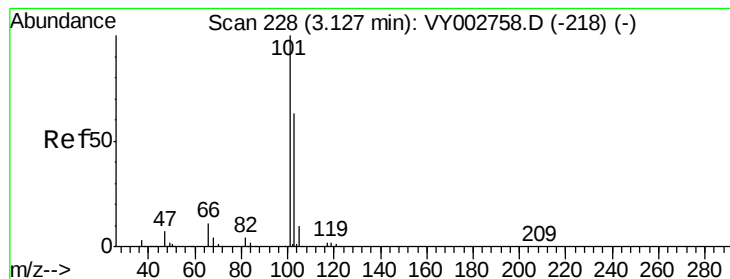
Tgt Ion: 64 Resp: 29381

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



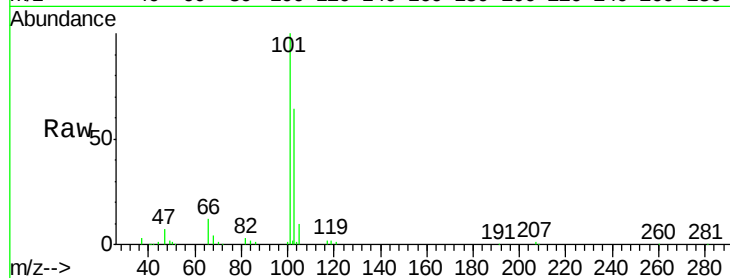


#7

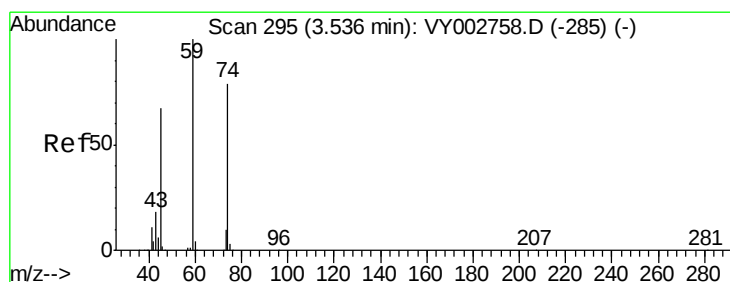
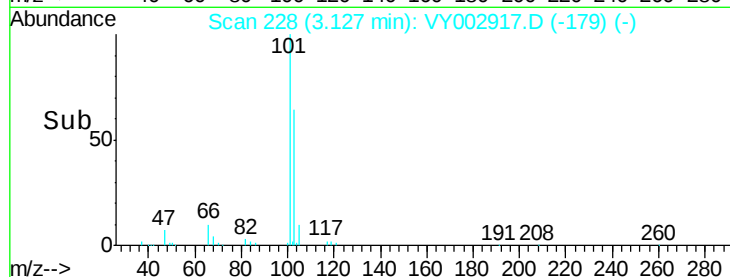
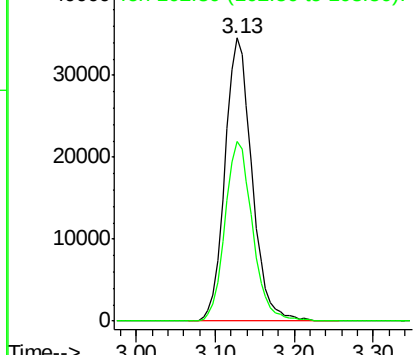
Trichlorofluoromethane
Concen: 21.512 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 82275
Ion Ratio Lower Upper
101 100
103 63.7 50.6 76.0



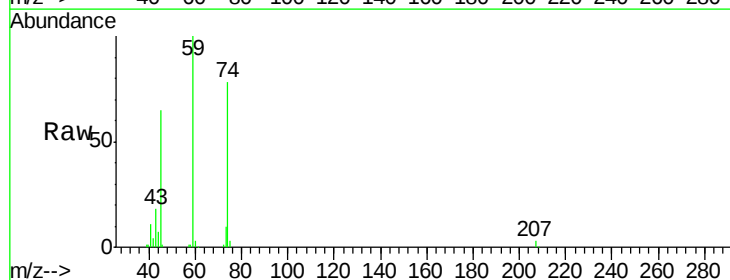
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



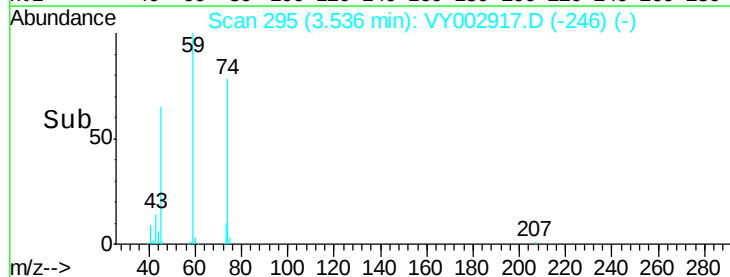
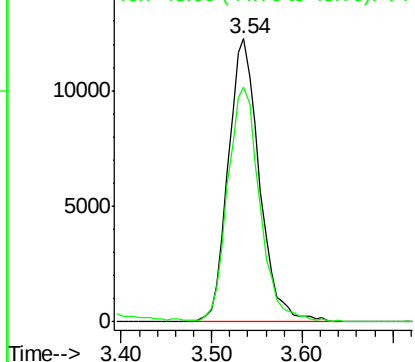
#8

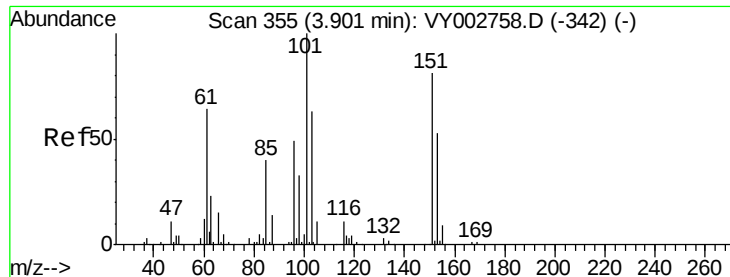
Diethyl Ether
Concen: 19.573 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 74 Resp: 29231
Ion Ratio Lower Upper
74 100
45 85.7 44.0 131.8



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0

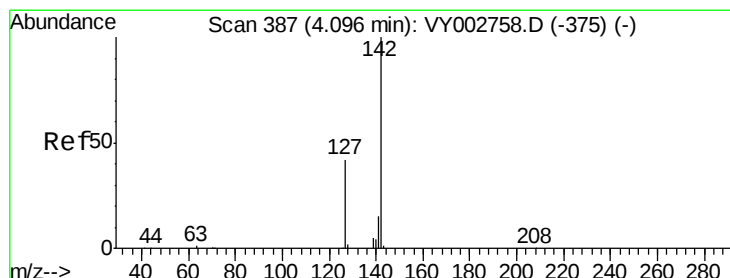
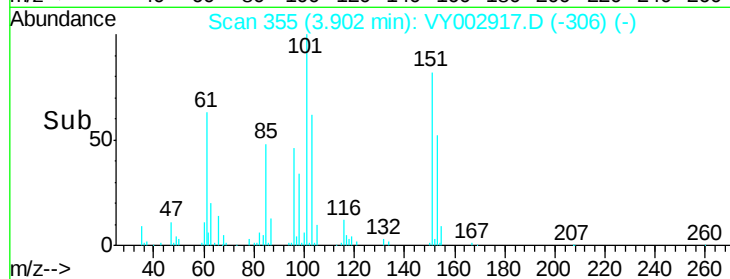
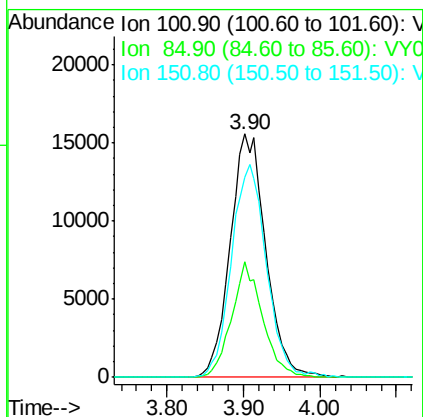
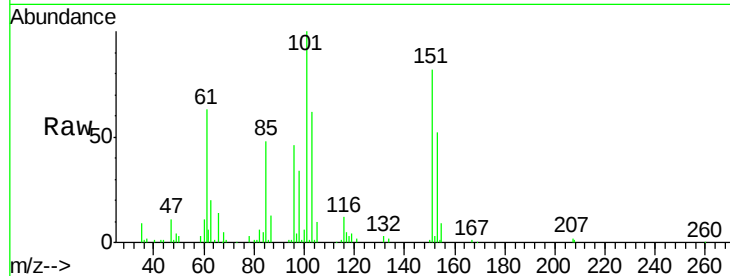




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.142 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

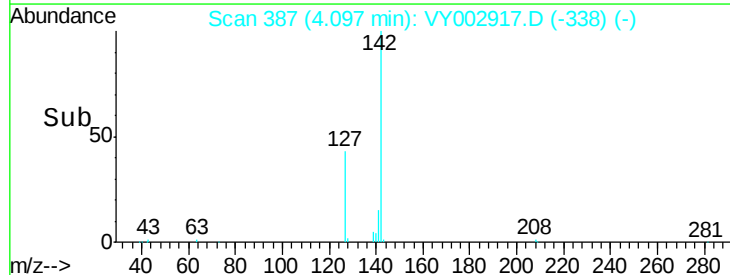
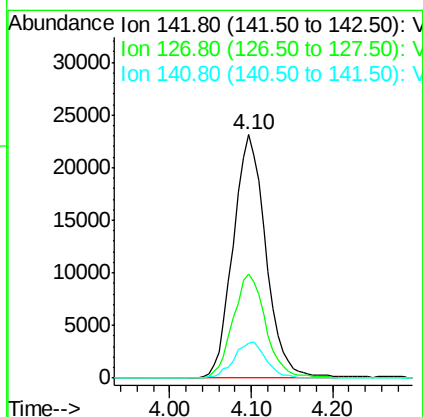
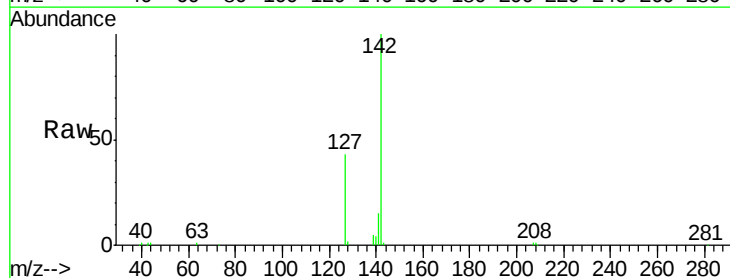
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:101 Resp: 50281
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.7 49.1
 151 85.9 68.0 102.0



#10
 Methyl Iodide
 Concen: 20.271 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion:142 Resp: 64412
 Ion Ratio Lower Upper
 142 100
 127 42.7 33.3 49.9
 141 14.5 11.5 17.3



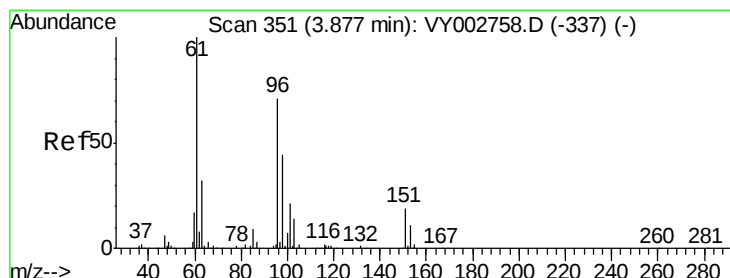
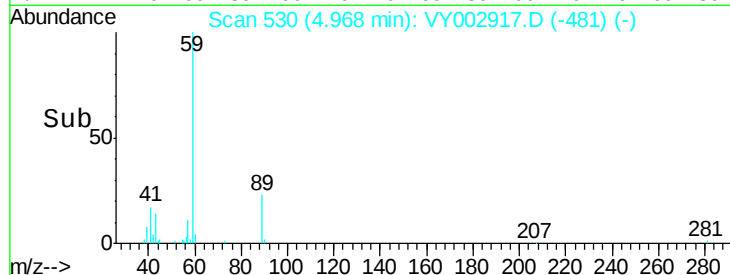
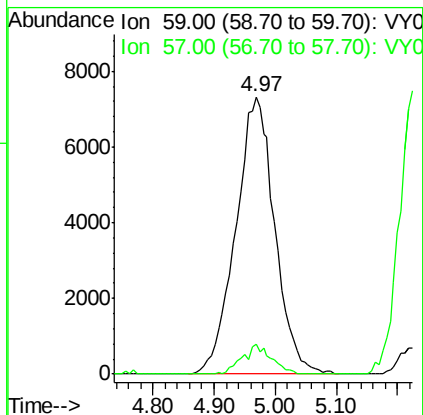
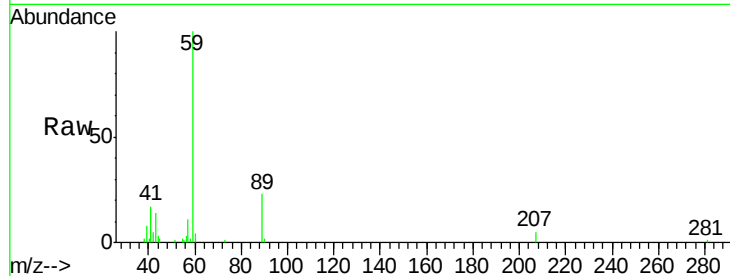


#11

Tert butyl alcohol
 Concen: 122.786 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :

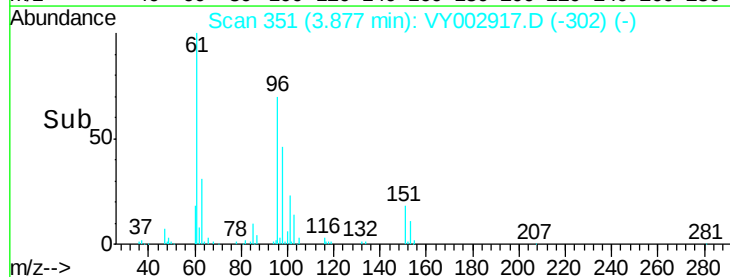
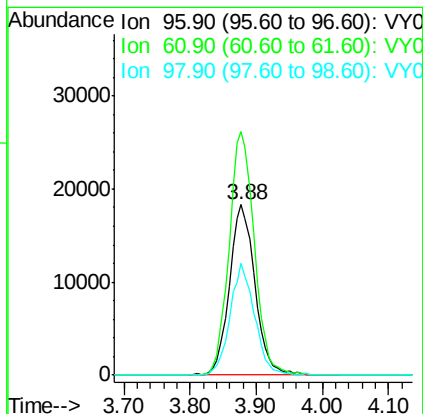
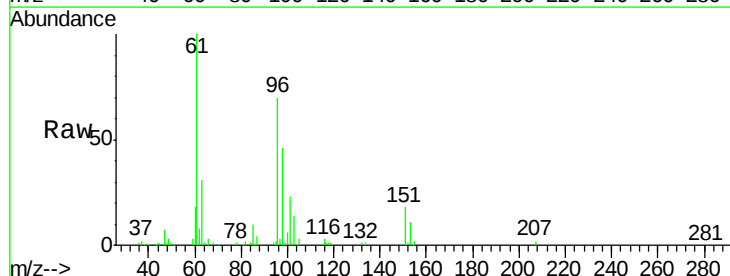
Tot Ion: 59 Resp: 32388
 Ion Ratio Lower Upper
 59 100
 57 8.0 7.7 11.5

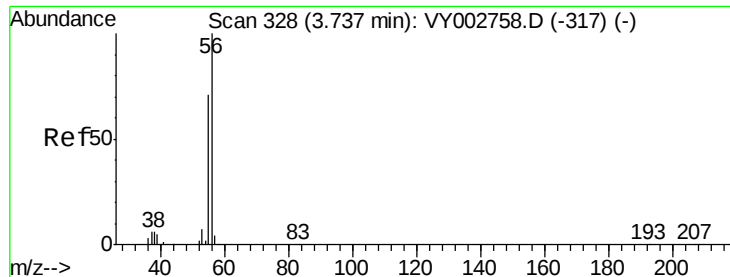


#12

1,1-Dichloroethene
 Concen: 21.516 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion: 96 Resp: 49136
 Ion Ratio Lower Upper
 96 100
 61 142.8 112.6 168.8
 98 65.3 50.0 75.0





#13

Acrolein

Concen: 66.960 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

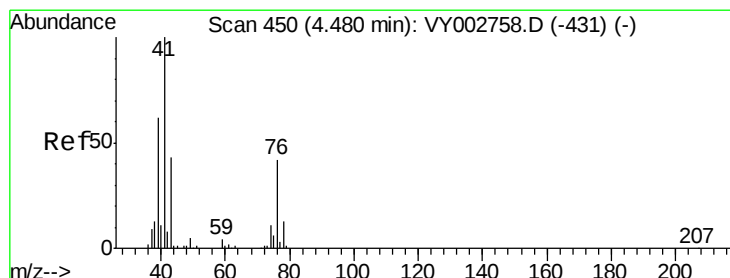
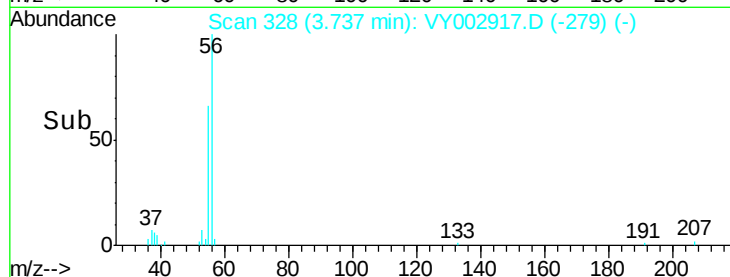
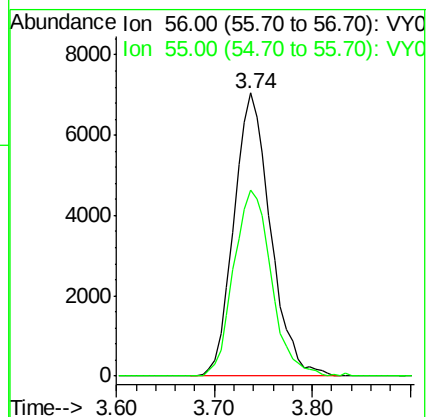
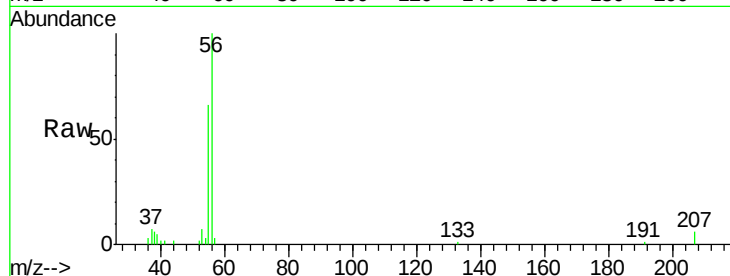
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 18290

Ion Ratio Lower Upper

56 100

55 67.6 56.0 84.0



#14

Allyl chloride

Concen: 21.013 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

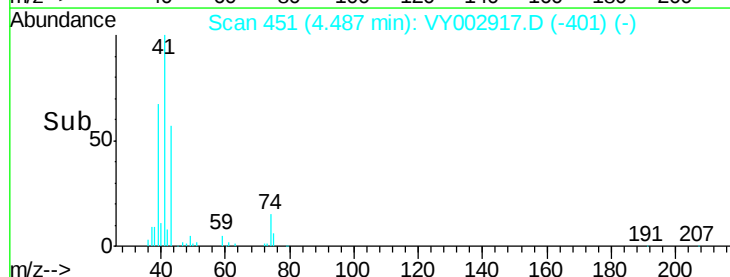
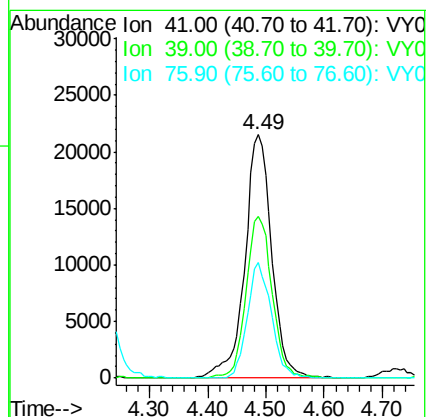
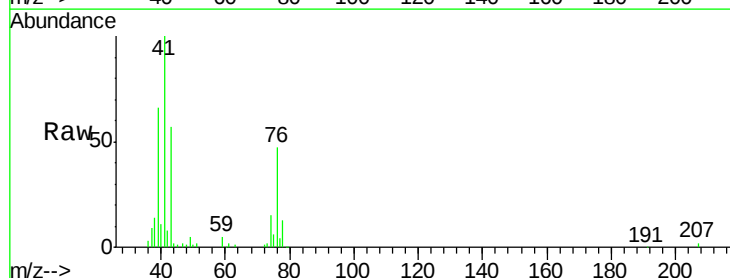
Tgt Ion: 41 Resp: 68826

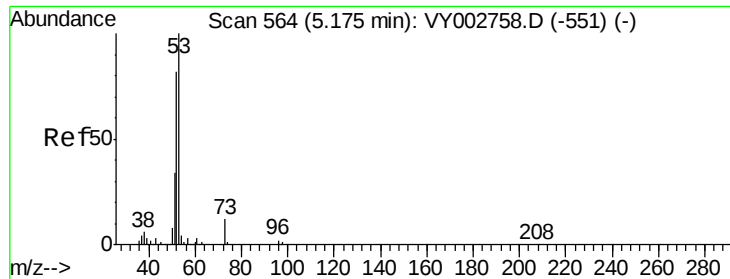
Ion Ratio Lower Upper

41 100

39 64.6 49.9 74.9

76 42.4 33.2 49.8





#15

Acrylonitrile

Concen: 107.549 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

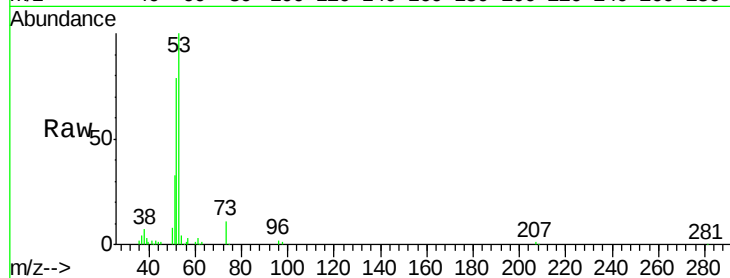
Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 72459

Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	36.2	28.0	42.0

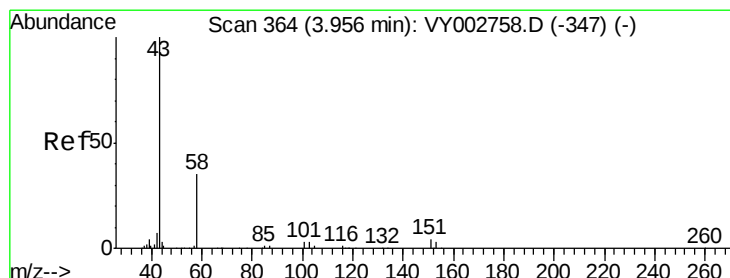
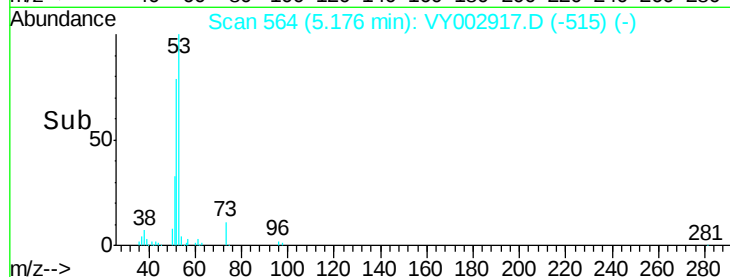
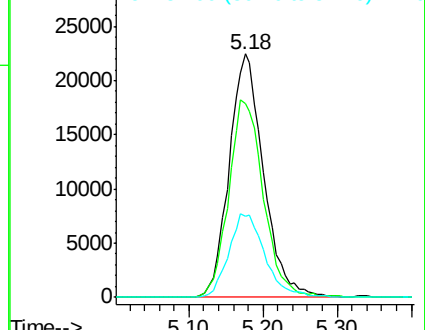


Abundance

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: 112.860 ug/l

RT: 3.96 min Scan# 364

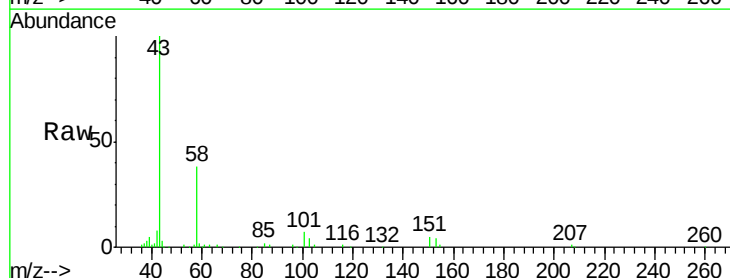
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion: 43 Resp: 61684

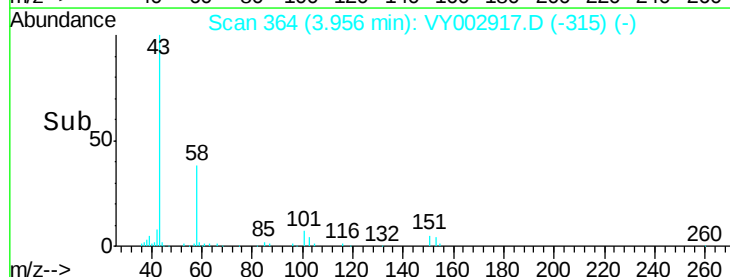
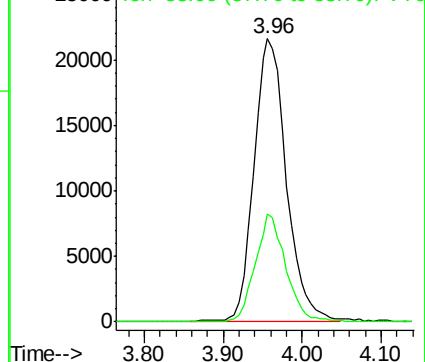
Ion	Ratio	Lower	Upper
43	100		
58	38.1	27.7	41.5

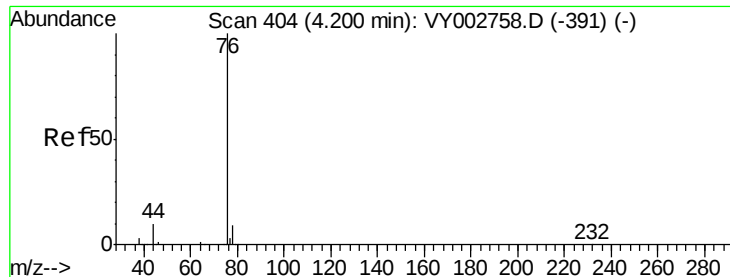


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 18.976 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

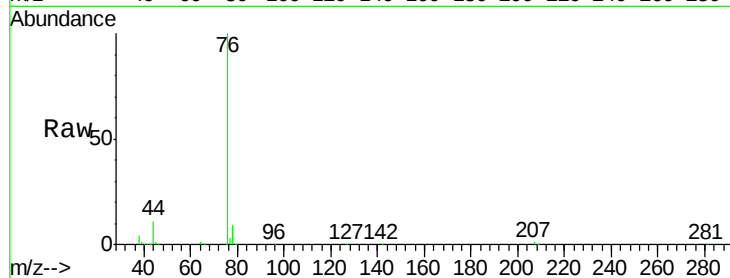
ClientSampleId :

Tot Ion: 76 Resp: 130956

Ion Ratio Lower Upper

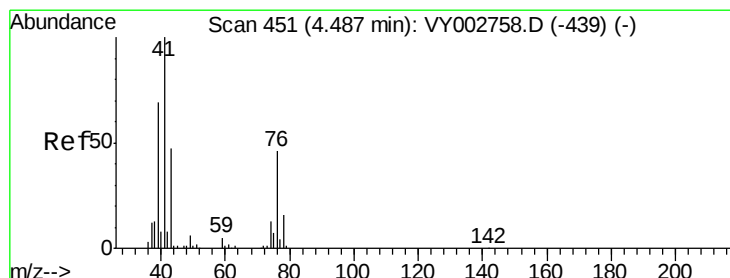
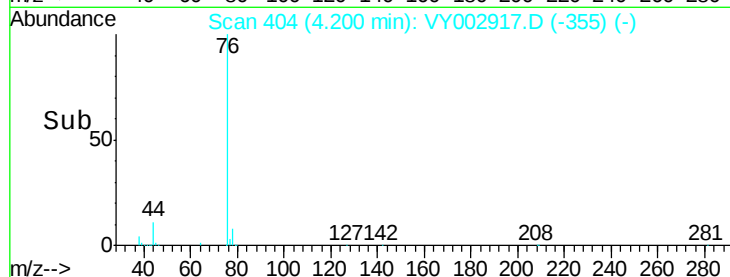
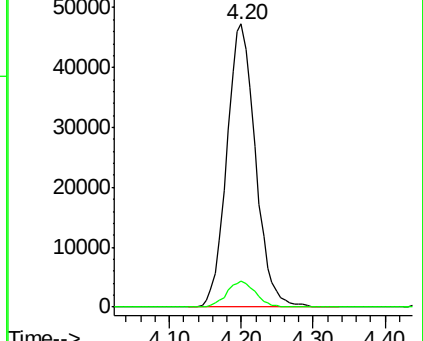
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 24.871 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002917.D

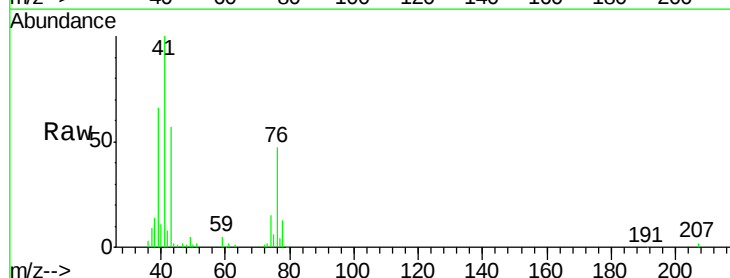
Acq: 18 Jun 2020 14:01

Tgt Ion: 43 Resp: 34776

Ion Ratio Lower Upper

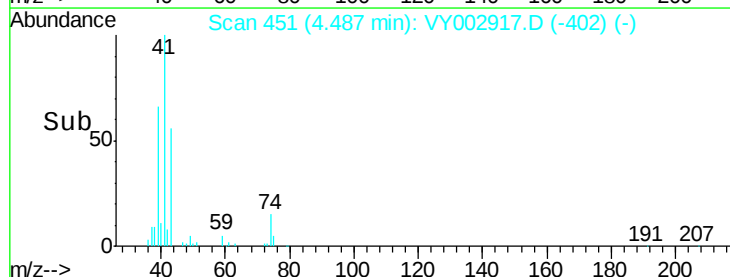
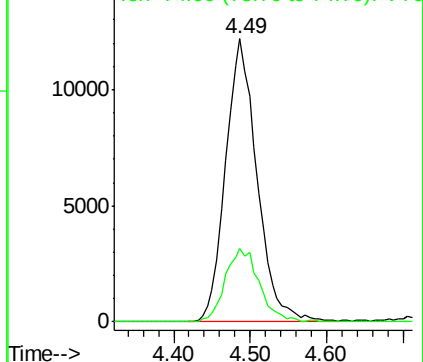
43 100

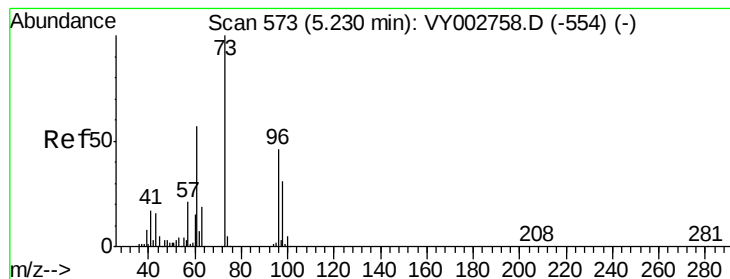
74 27.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



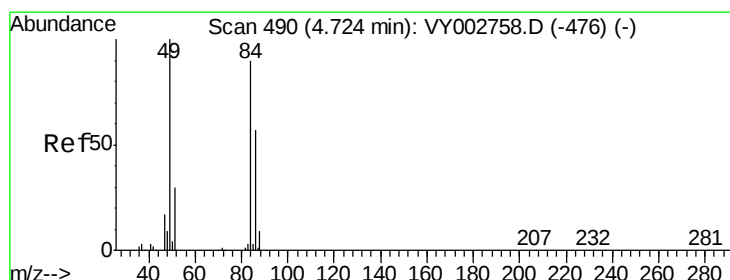
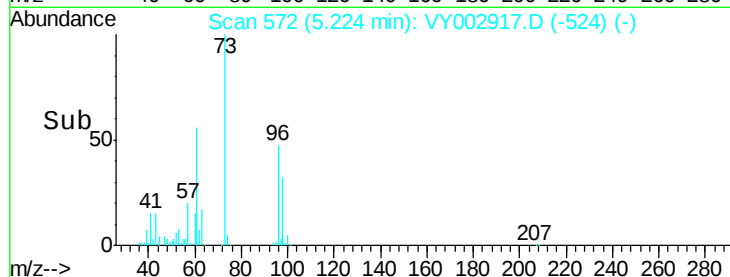
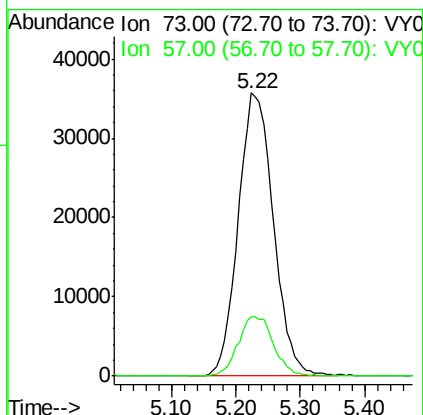
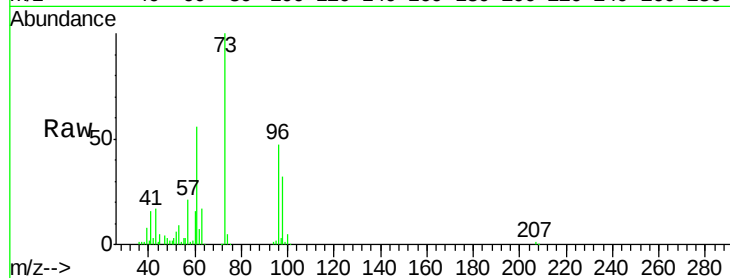


#19

Methyl tert-butyl Ether
 Concen: 21.359 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :

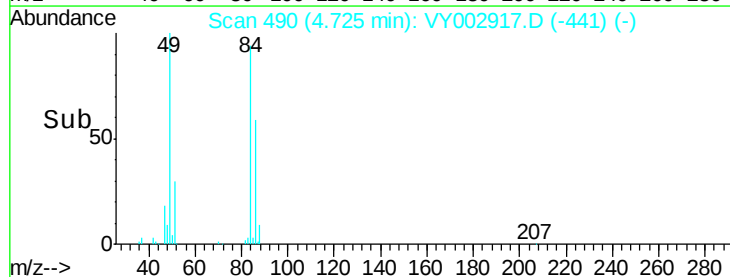
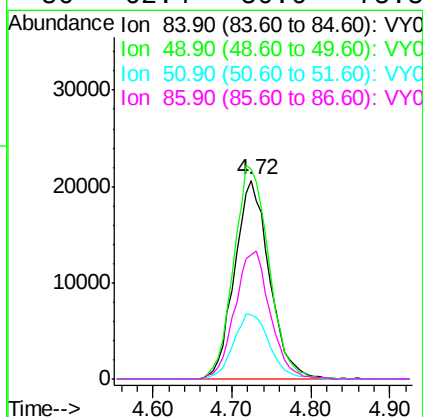
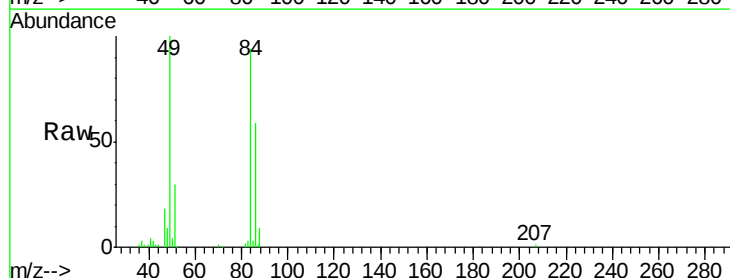
Tot Ion: 73 Resp: 134661
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.0 25.4

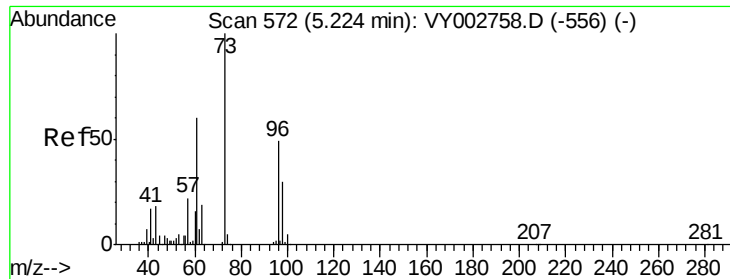


#20

Methylene Chloride
 Concen: 23.727 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion: 84 Resp: 63374
 Ion Ratio Lower Upper
 84 100
 49 105.9 88.5 132.7
 51 32.0 26.8 40.2
 86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.820 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

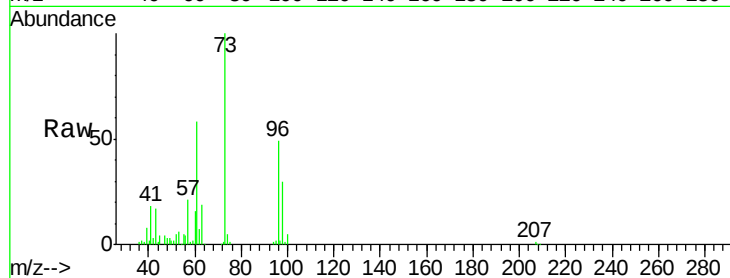
Tot Ion: 96 Resp: 53470

Ion Ratio Lower Upper

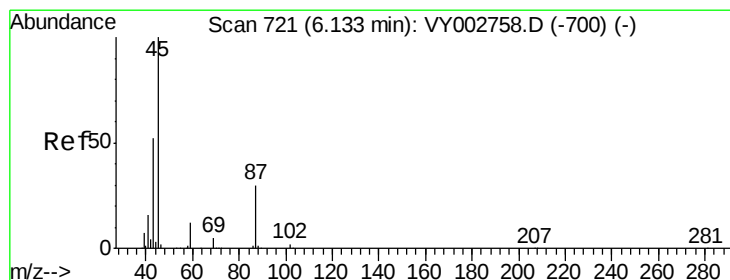
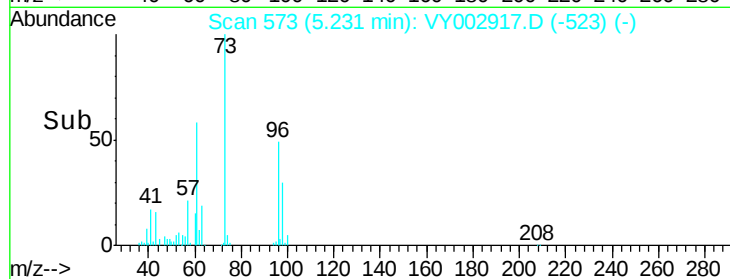
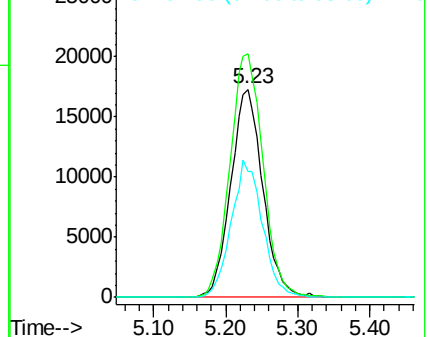
96 100

61 116.9 96.8 145.2

98 60.4 49.4 74.0



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



#22

Diisopropyl ether

Concen: 21.280 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion: 45 Resp: 144840

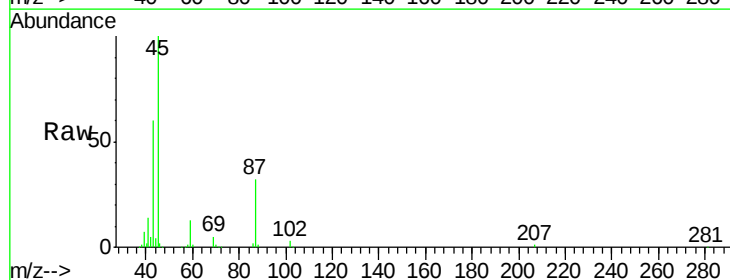
Ion Ratio Lower Upper

45 100

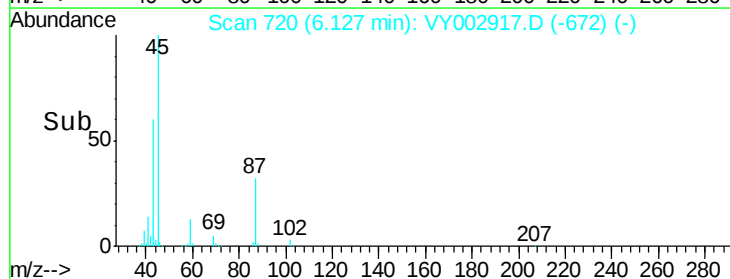
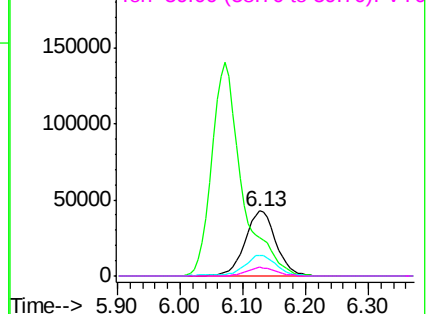
43 59.3 41.7 62.5

87 32.5 24.2 36.2

59 13.1 9.8 14.8



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





#23

Vinyl Acetate

Concen: 103.410 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

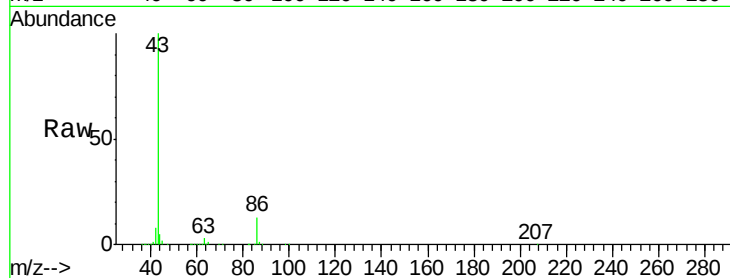
ClientSampled :

Tot Ion: 43 Resp: 464693

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

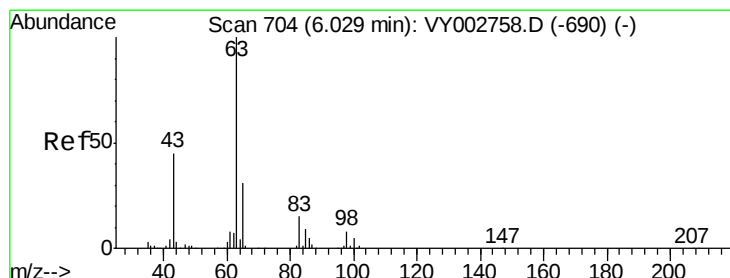
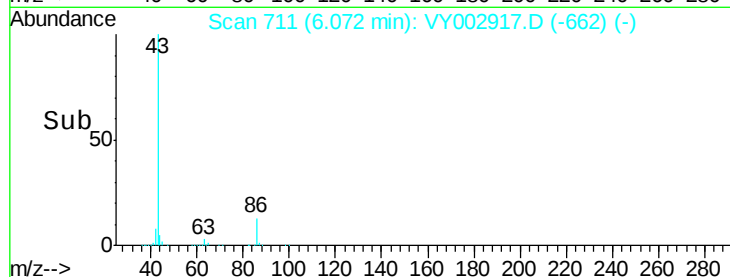
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.852 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

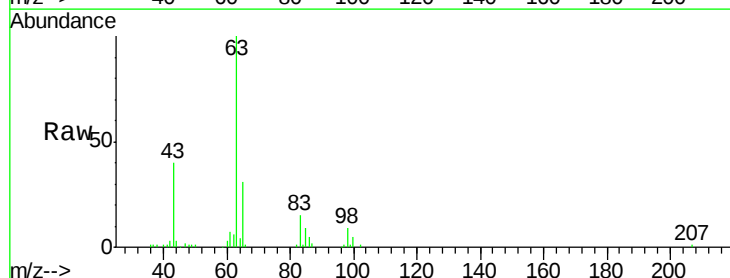
Tgt Ion: 63 Resp: 87006

Ion Ratio Lower Upper

63 100

98 8.6 4.0 12.2

100 5.4 2.4 7.1



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

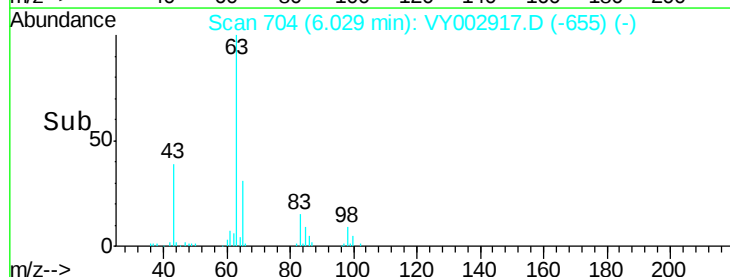
30000

20000

10000

0

Time-->

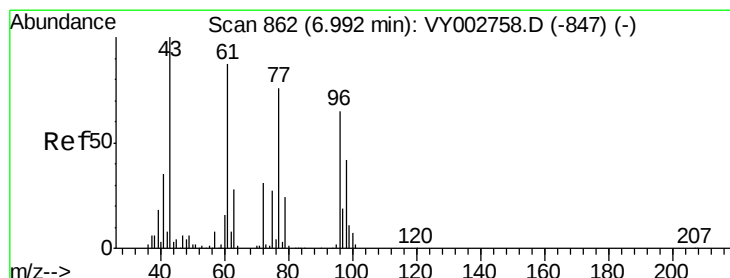
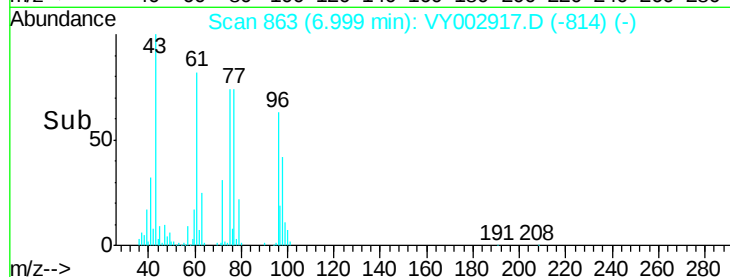
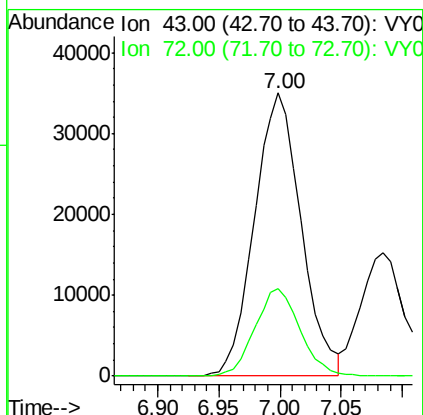
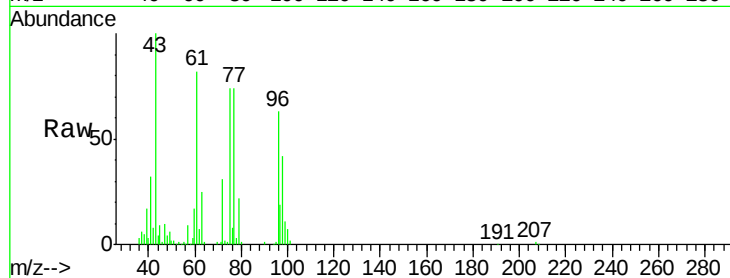




#25
2-Butanone
Concen: 109.360 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

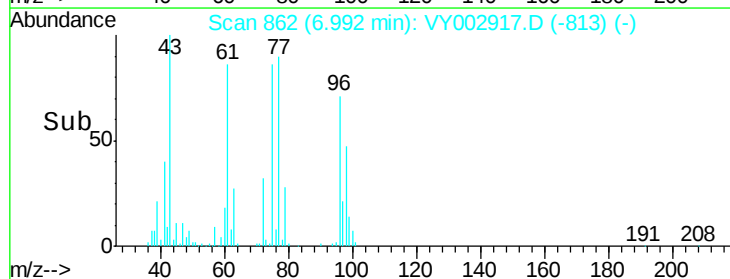
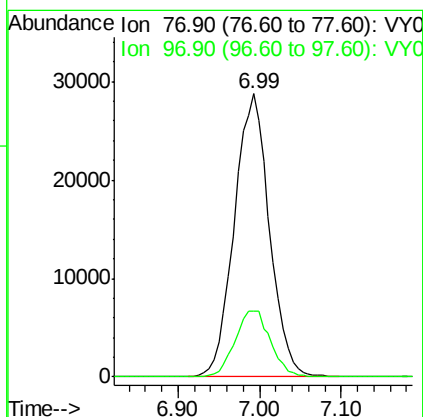
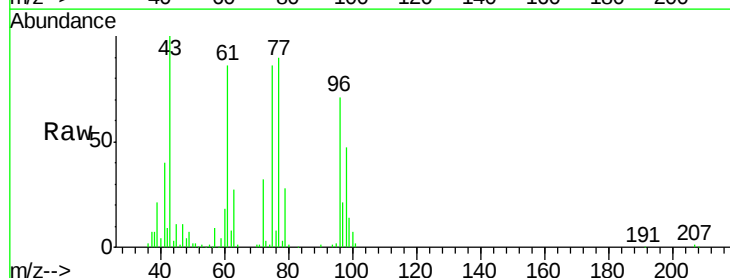
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 93123
Ion Ratio Lower Upper
43 100
72 30.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 22.399 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 77 Resp: 85533
Ion Ratio Lower Upper
77 100
97 23.7 12.2 36.6



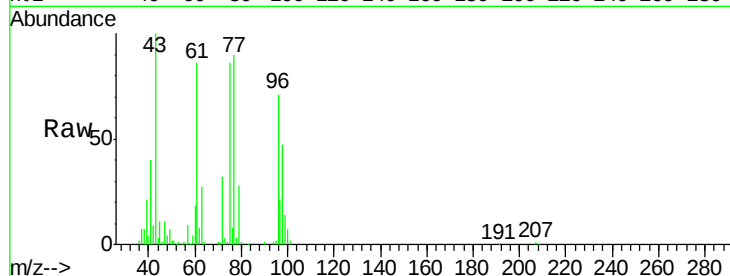


#27

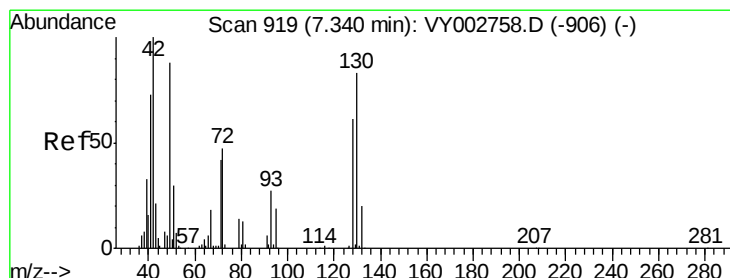
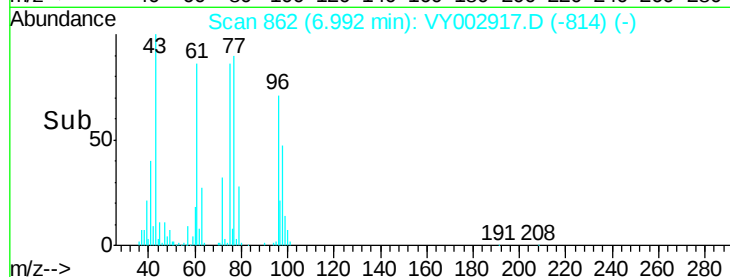
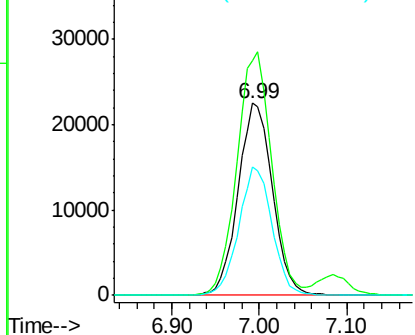
cis-1,2-Dichloroethene
Concen: 21.367 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 61432
Ion Ratio Lower Upper
96 100
61 128.5 0.0 260.2
98 64.4 0.0 128.2



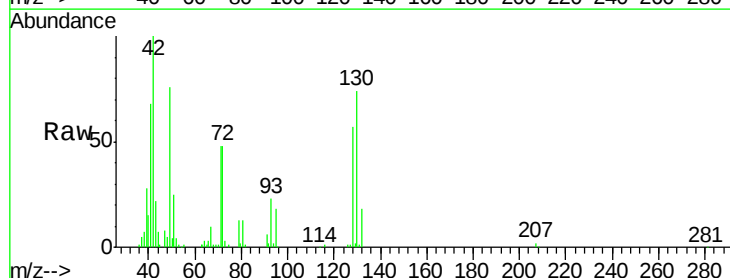
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



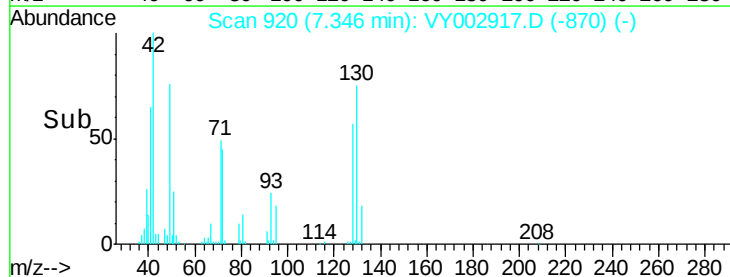
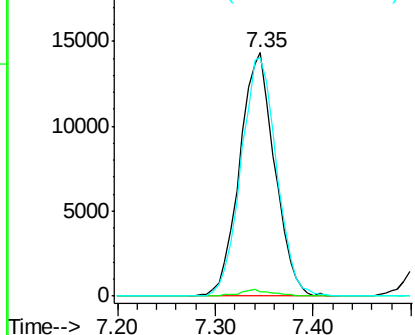
#28

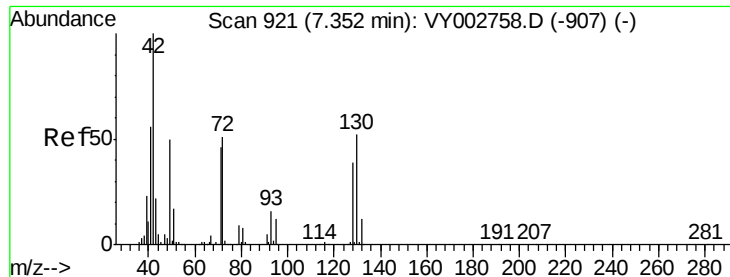
Bromochloromethane
Concen: 21.769 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 49 Resp: 35581
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.2
130 99.5 77.1 115.7



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

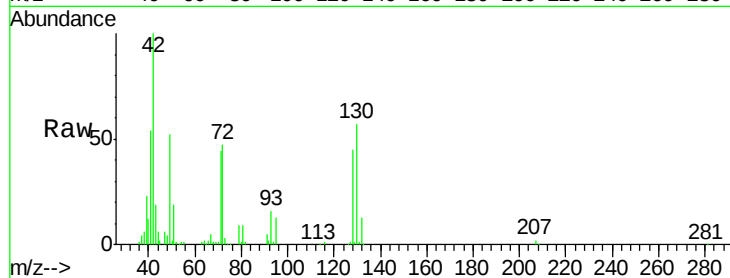




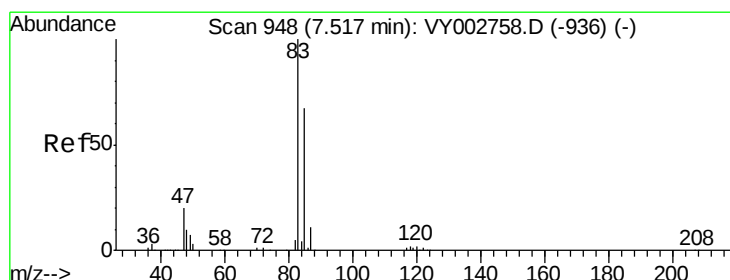
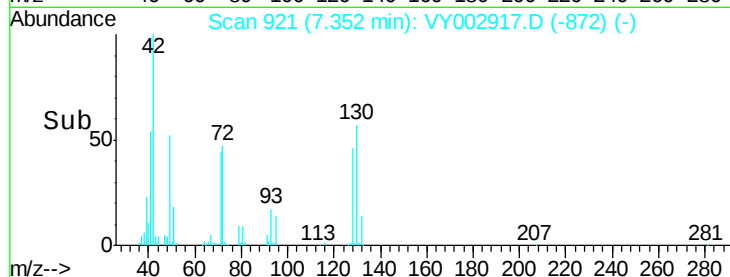
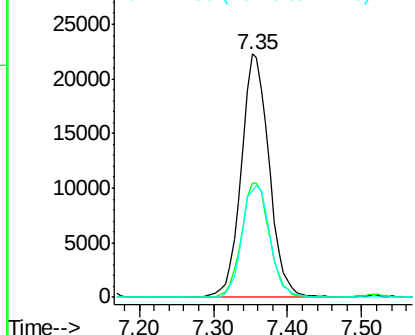
#29
Tetrahydrofuran
Concen: 105.989 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.6	58.0
71	46.0	35.8	53.8

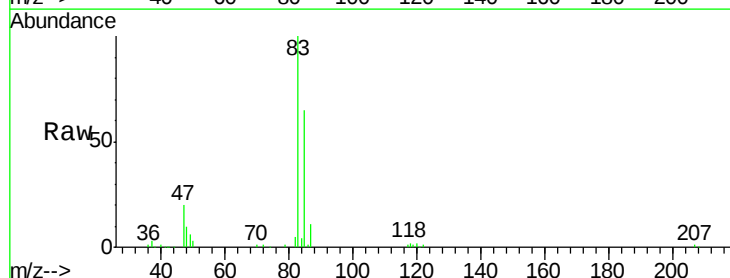


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

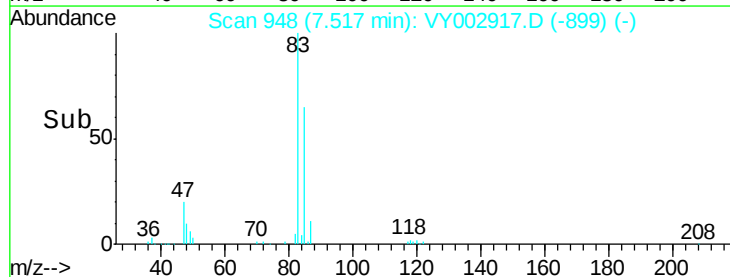
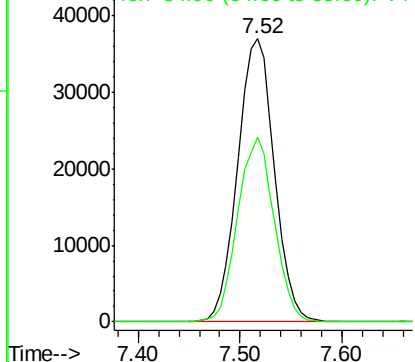


#30
Chloroform
Concen: 21.864 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.8	80.8



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





#31

Cyclohexane

Concen: 19.858 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampled :

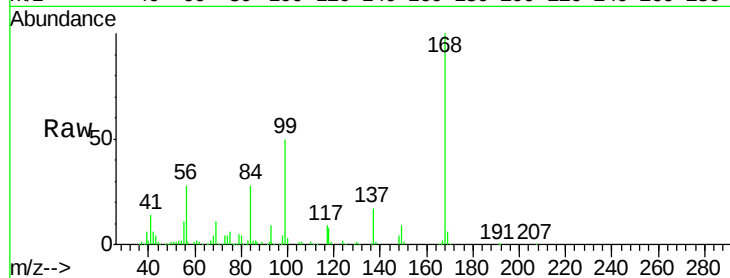
Tot Ion: 56 Resp: 78500

Ion Ratio Lower Upper

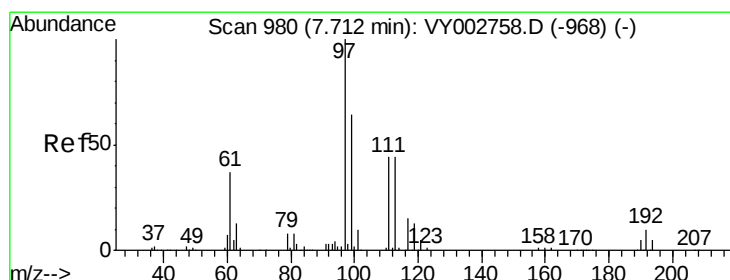
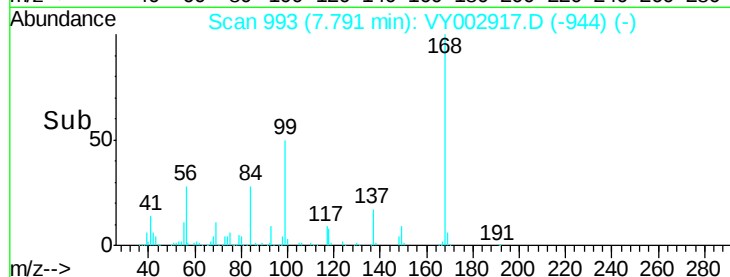
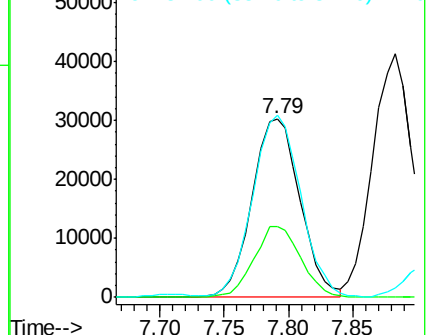
56 100

69 39.4 28.0 42.0

84 100.9 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.766 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

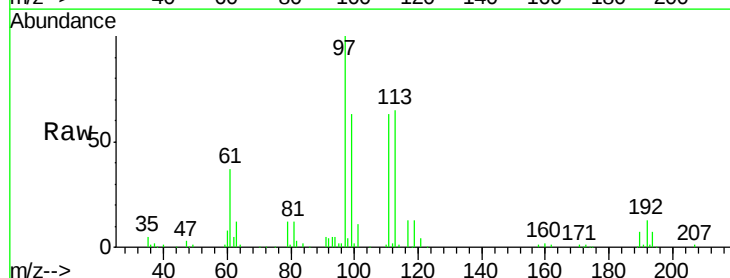
Tgt Ion: 97 Resp: 85694

Ion Ratio Lower Upper

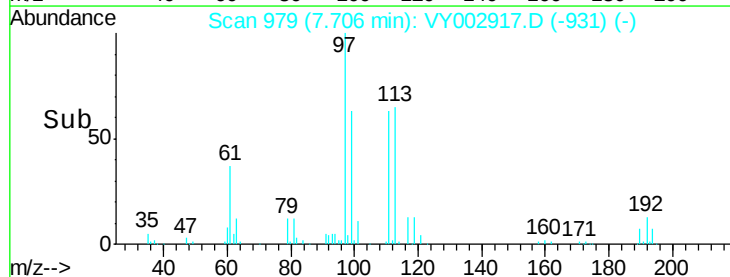
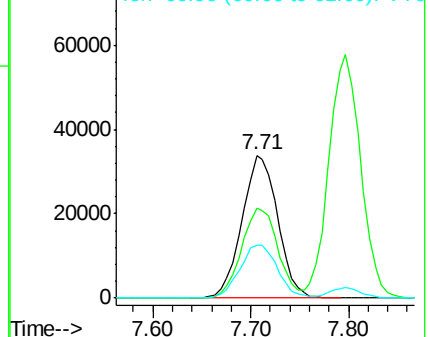
97 100

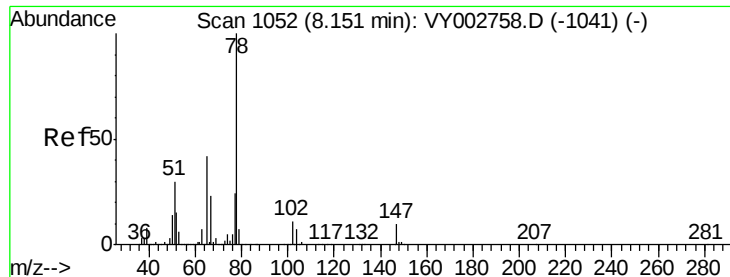
99 64.2 51.4 77.0

61 39.1 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

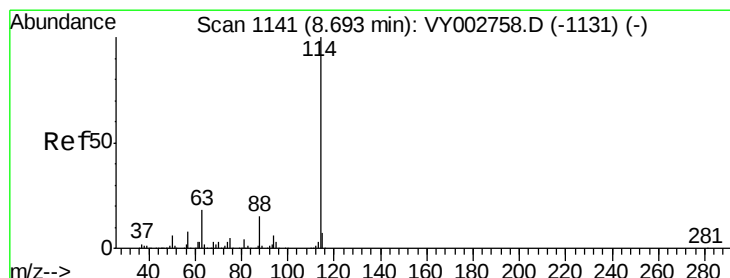
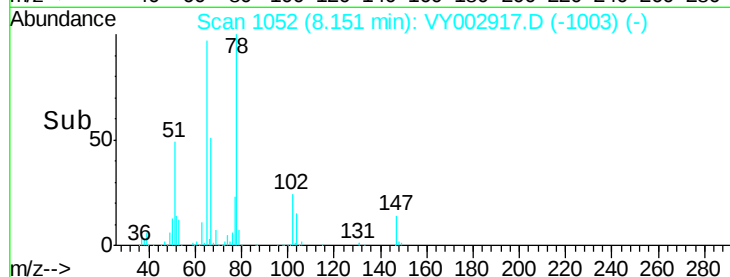
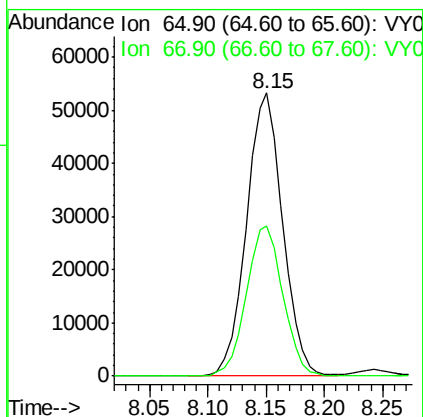
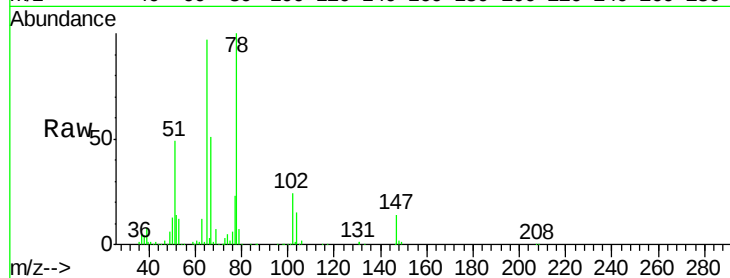




#33
 1,2-Dichloroethane-d4
 Concen: 49.285 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

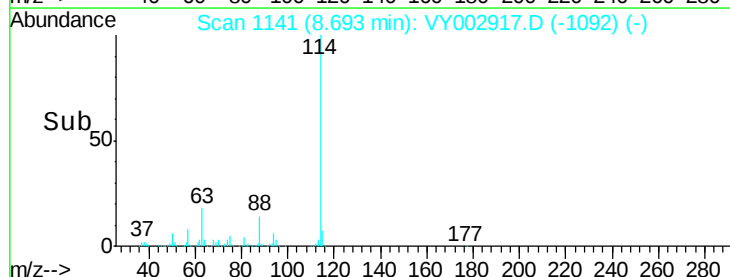
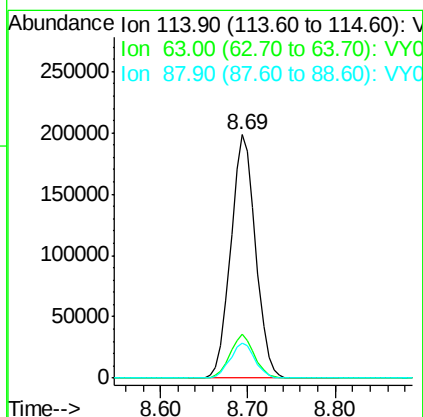
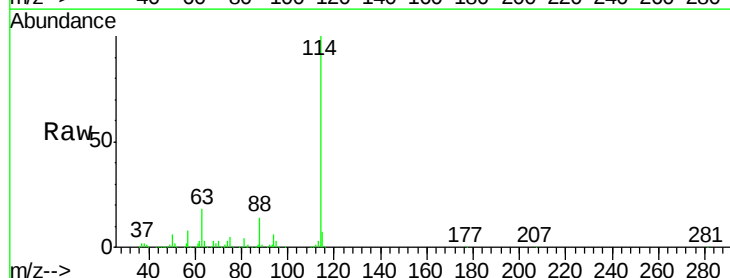
Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 65 Resp: 114875
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion: 114 Resp: 389720
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.2 0.0 29.2

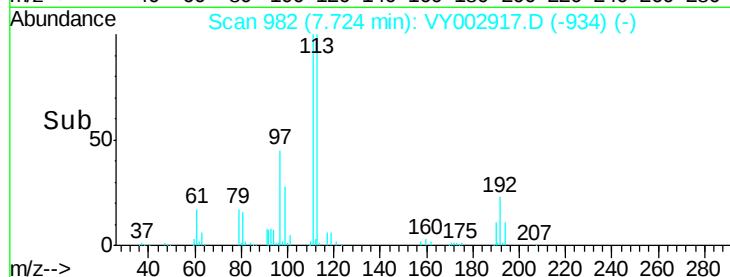
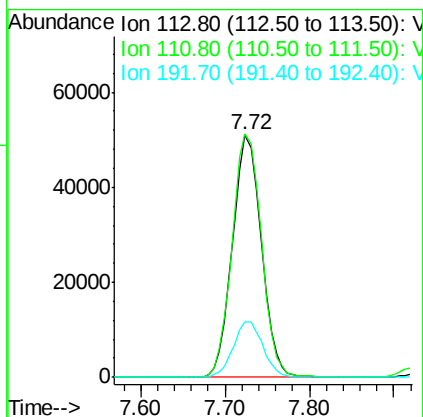
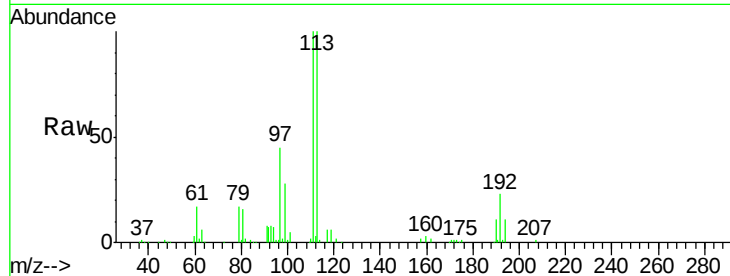




#35
Dibromofluoromethane
Concen: 51.662 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

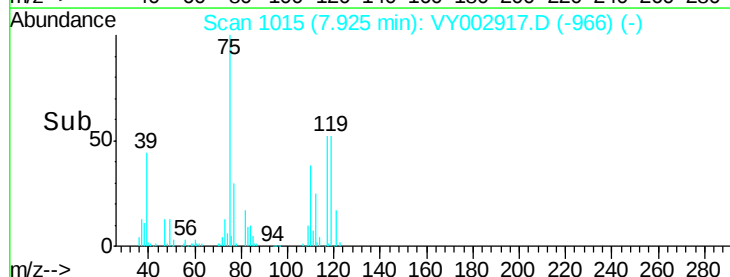
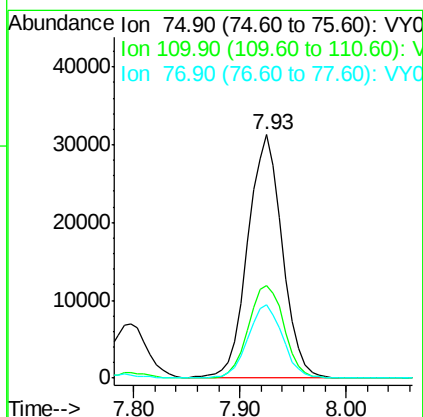
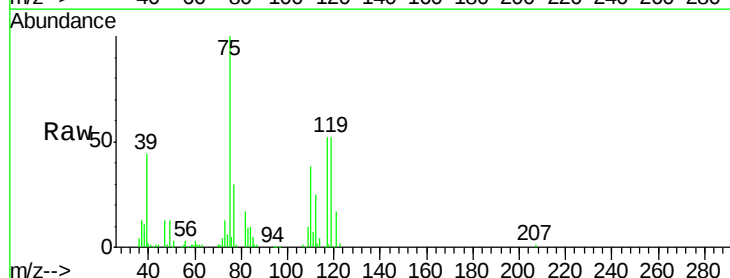
Instrument :
MSVOA_Y
ClientSampleId :

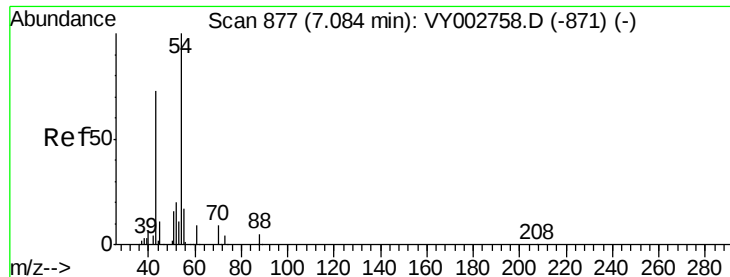
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.5	18.9	28.3



#36
1,1-Dichloropropene
Concen: 21.692 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.3	57.9
77	30.4	24.8	37.2

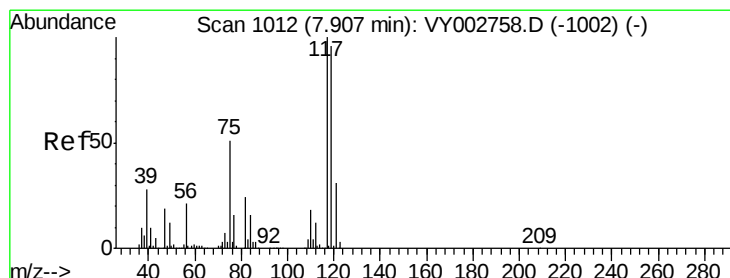
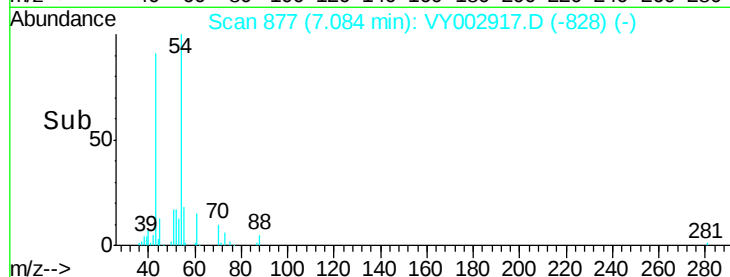
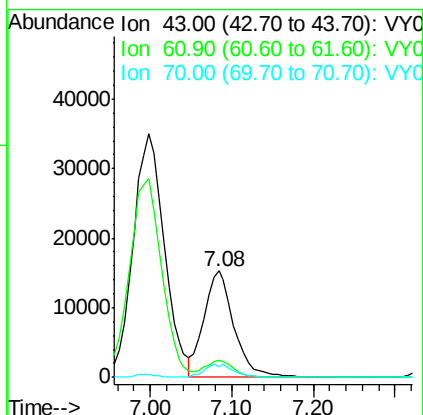
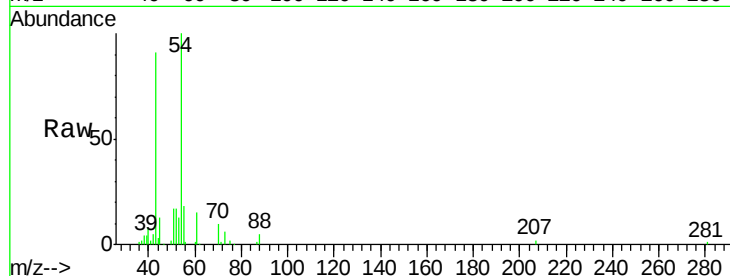




#37
Ethyl Acetate
Concen: 22.144 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

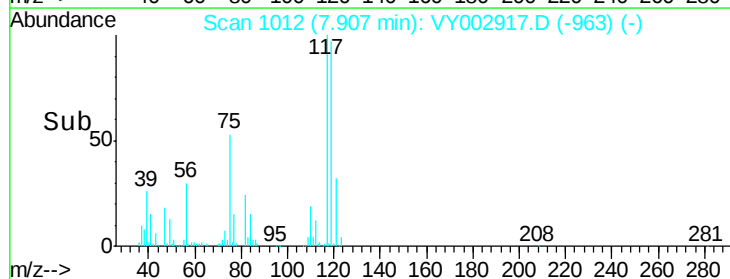
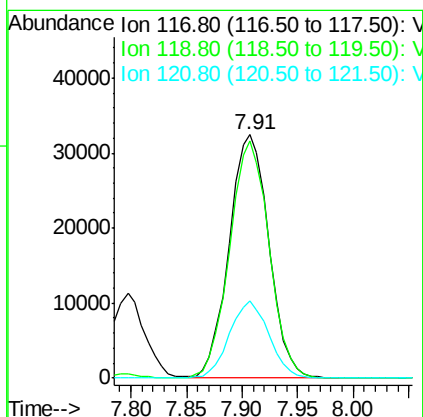
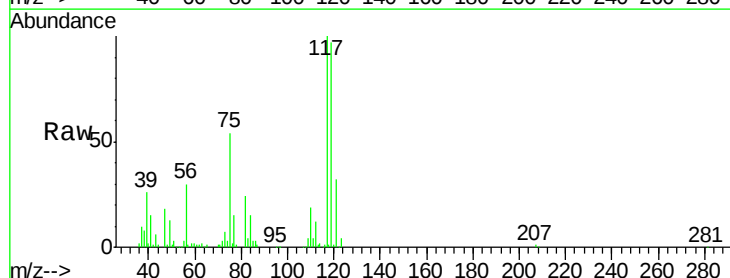
Instrument :
MSVOA_Y
ClientSampleId :

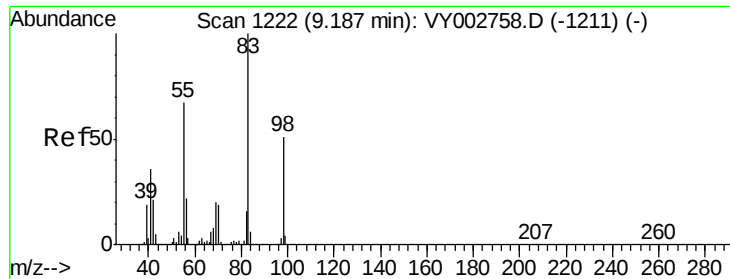
Tot Ion	43	Resp	39552
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.7	9.1	13.7



#38
Carbon Tetrachloride
Concen: 22.075 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion	117	Resp	80506
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
121	31.9	24.8	37.2

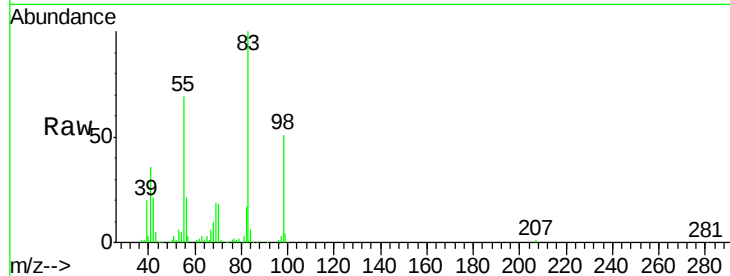




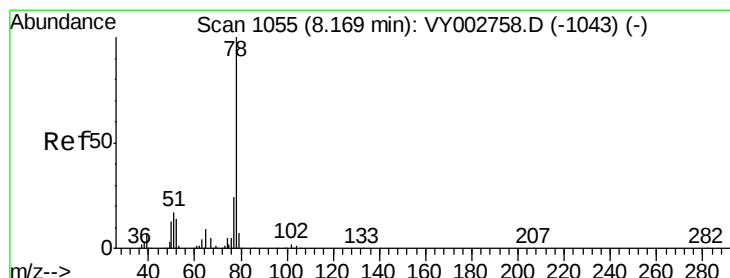
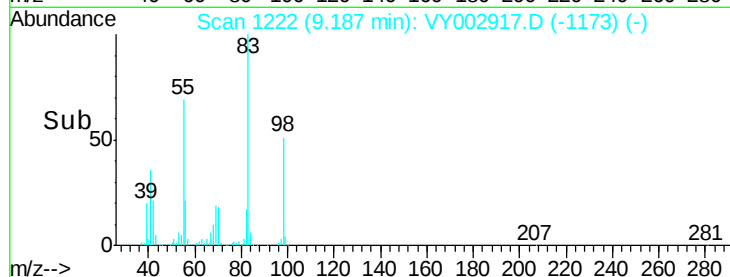
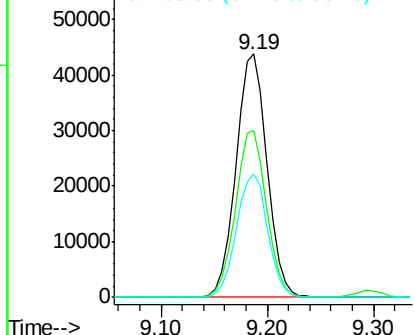
#39
Methylcyclohexane
Concen: 20.666 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 89426
Ion Ratio Lower Upper
83 100
55 68.6 53.3 79.9
98 50.5 41.1 61.7

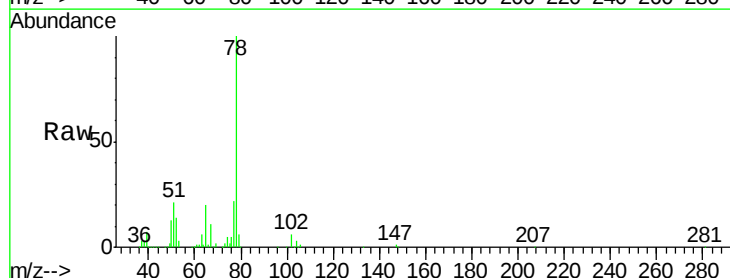


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

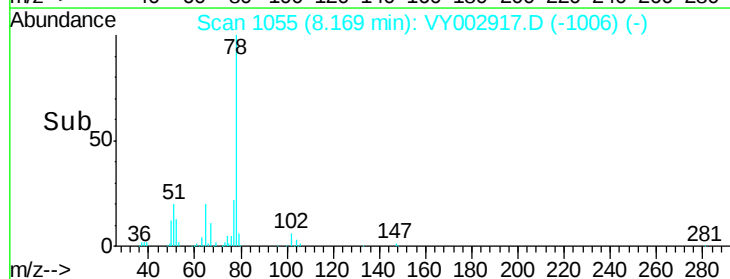
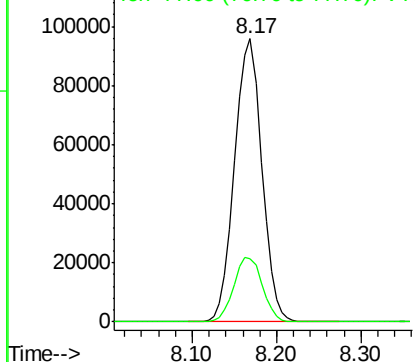


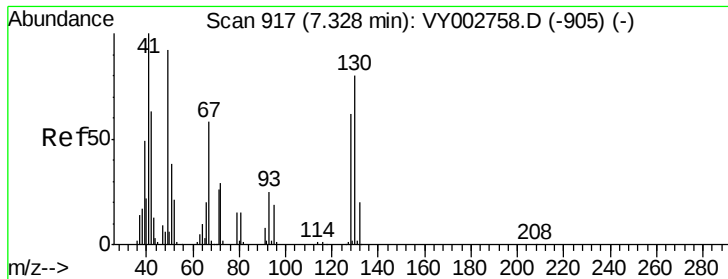
#40
Benzene
Concen: 21.588 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 78 Resp: 209406
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2



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





#41

Methacrylonitrile

Concen: 55.550 ug/l

RT: 7.35 min Scan# 920

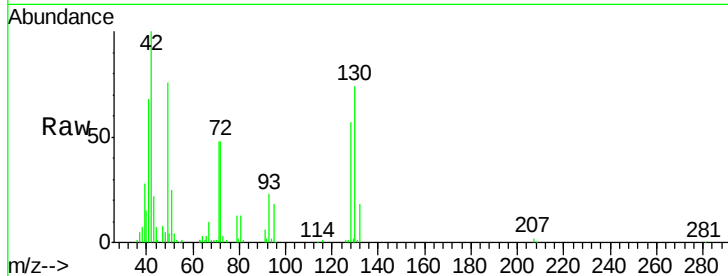
Delta R.T. 0.02 min

Lab File: VY002917.D

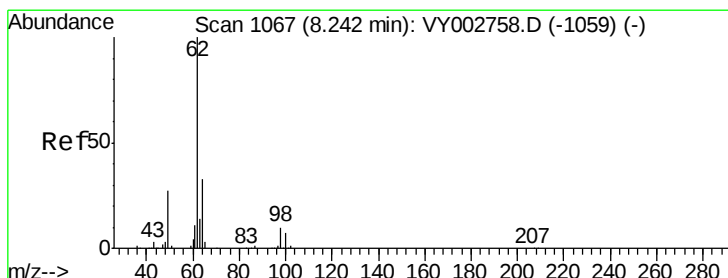
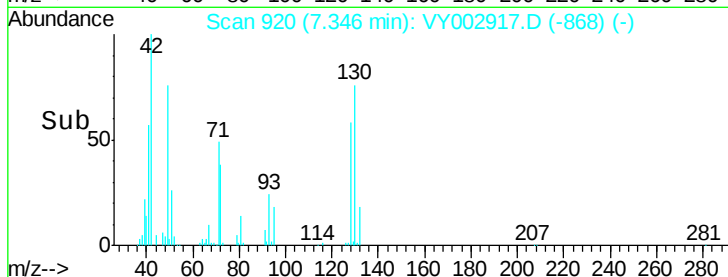
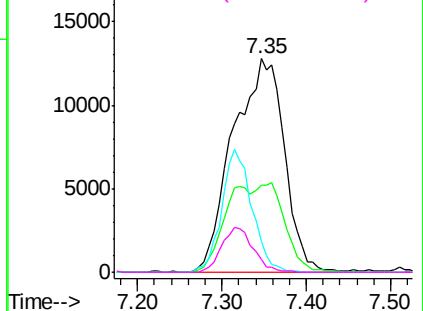
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	53304
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
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: 21.955 ug/l

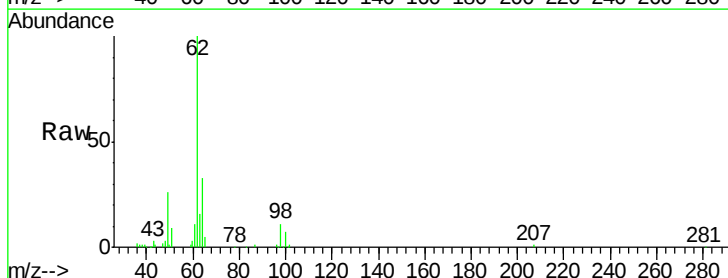
RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

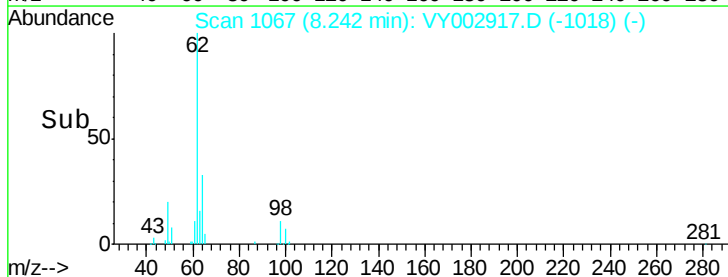
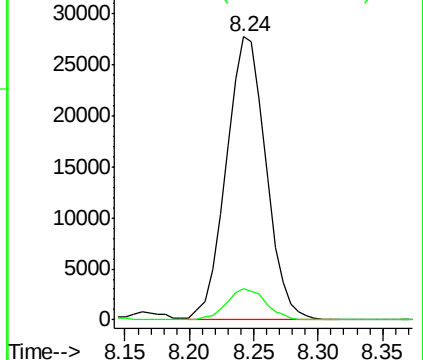
Lab File: VY002917.D

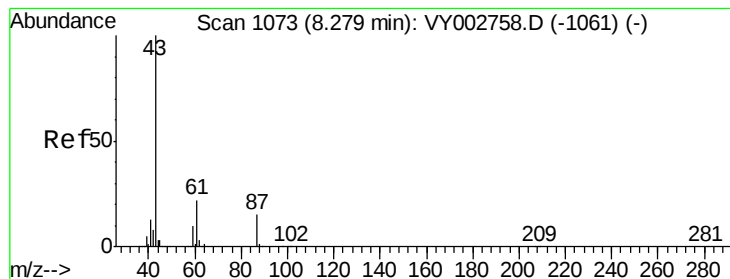
Acq: 18 Jun 2020 14:01

Tgt Ion:	62	Resp:	59687
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6



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



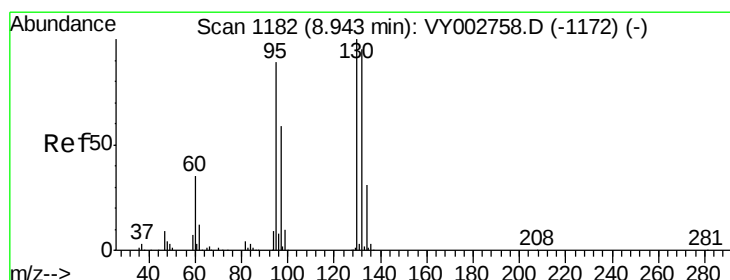
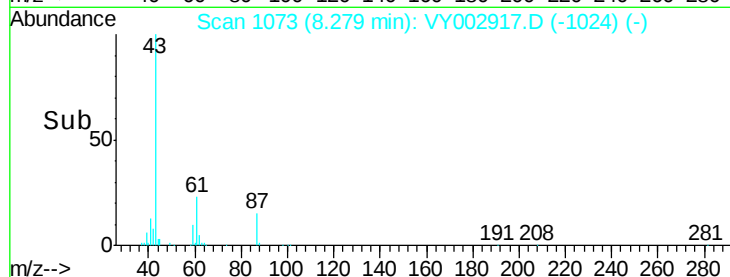
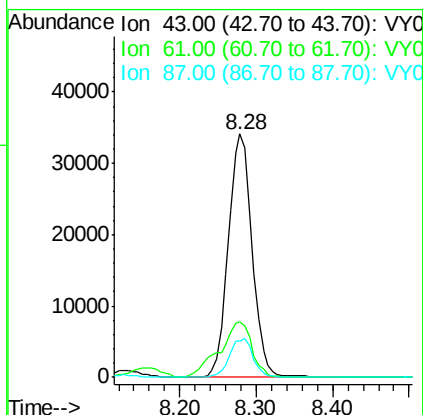
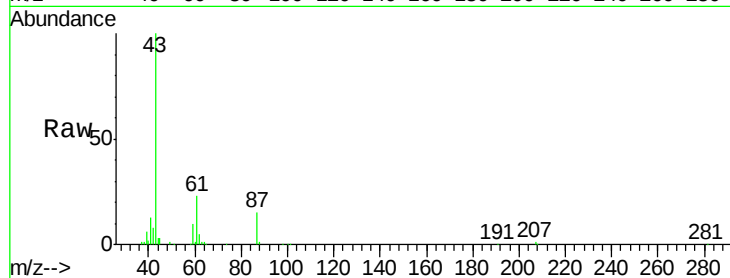


#43

Isopropyl Acetate
 Concen: 21.673 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :

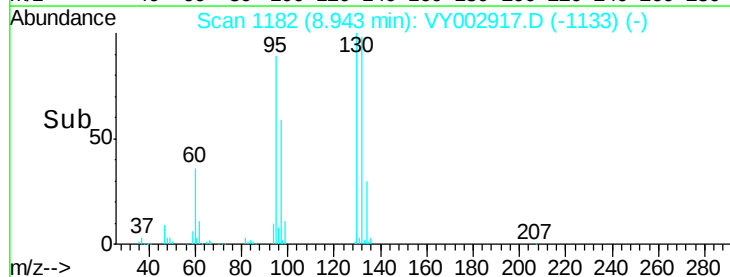
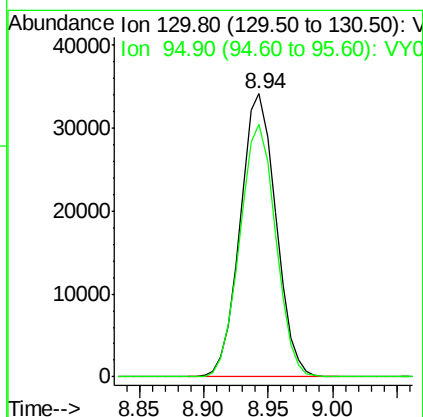
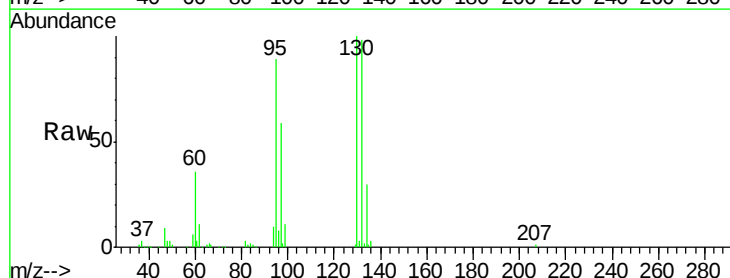
Tot Ion	43	Resp	73358
Ion Ratio	Lower	Upper	
43	100		
61	31.1	24.8	37.2
87	15.8	12.4	18.6

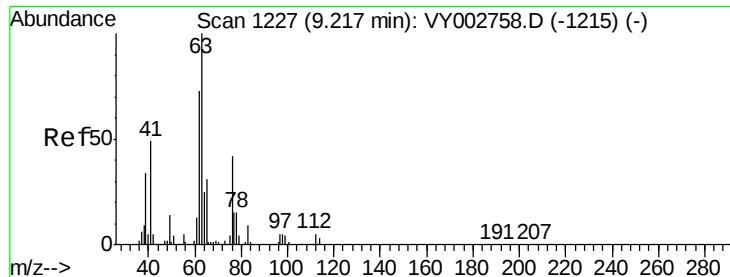


#44

Trichloroethene
 Concen: 21.419 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	130	Resp	65629
Ion Ratio	Lower	Upper	
130	100		
95	89.1	0.0	178.8





#45

1,2-Dichloropropane

Concen: 21.919 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

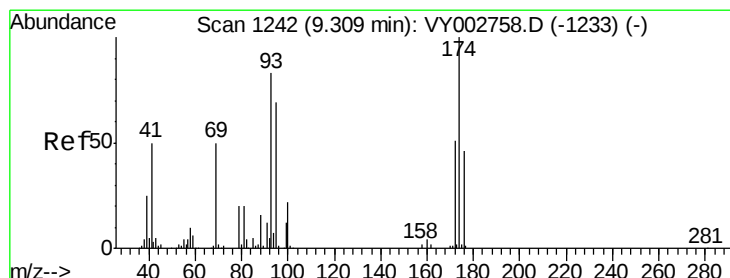
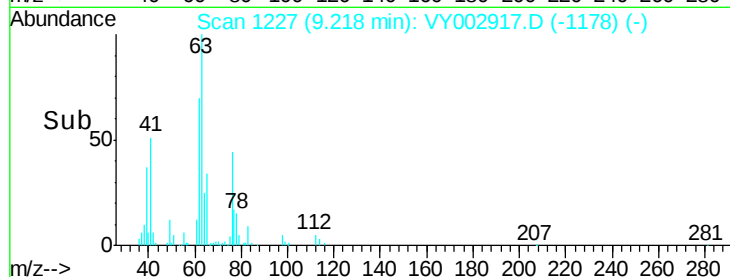
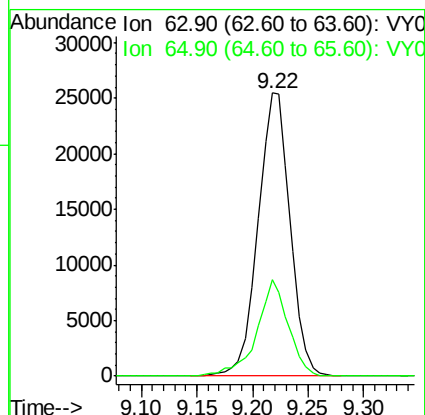
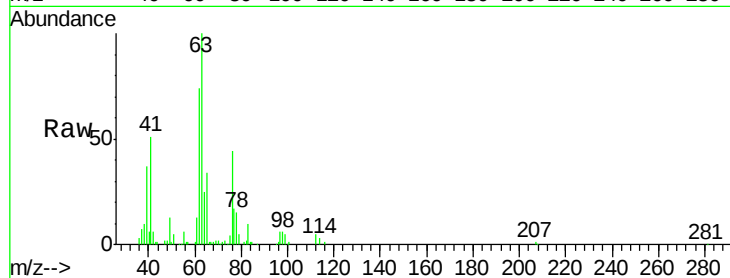
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 50988

Ion Ratio Lower Upper

63 100

65 34.2 24.8 37.2



#46

Dibromomethane

Concen: 21.711 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

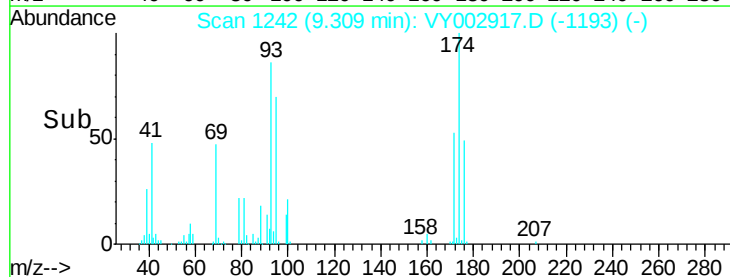
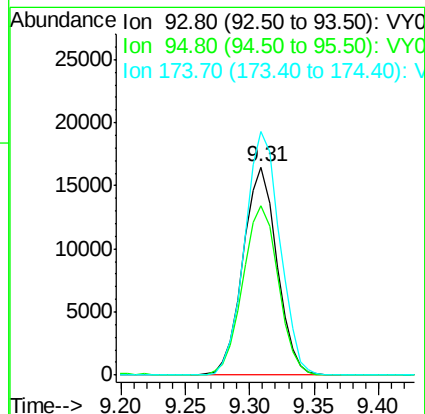
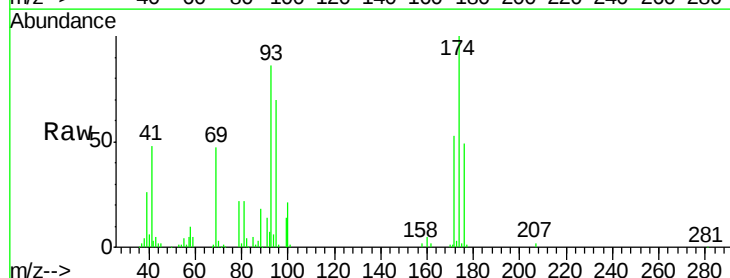
Tgt Ion: 93 Resp: 29995

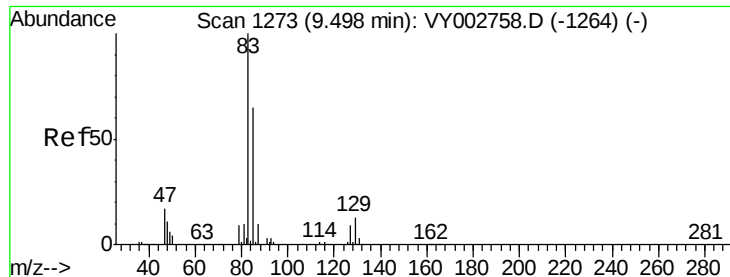
Ion Ratio Lower Upper

93 100

95 84.9 66.9 100.3

174 121.1 97.7 146.5





#47

Bromodichloromethane

Concen: 22.675 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampled :

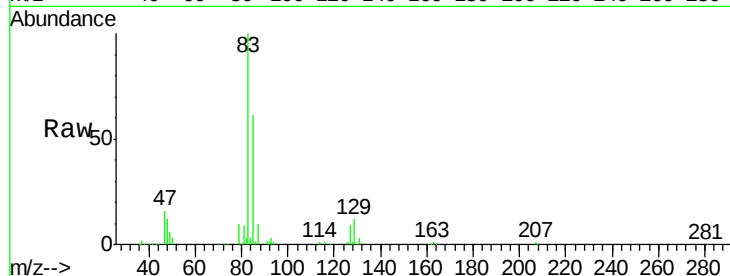
Tot Ion: 83 Resp: 73849

Ion Ratio Lower Upper

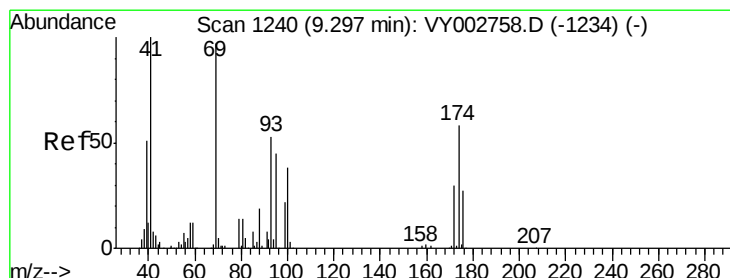
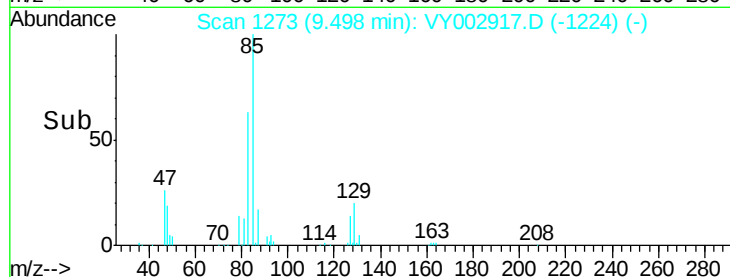
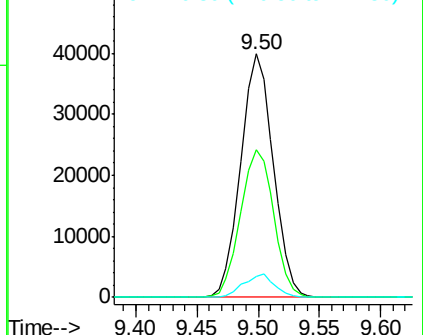
83 100

85 60.5 51.9 77.9

127 8.7 7.1 10.7



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



#48

Methyl methacrylate

Concen: 21.142 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

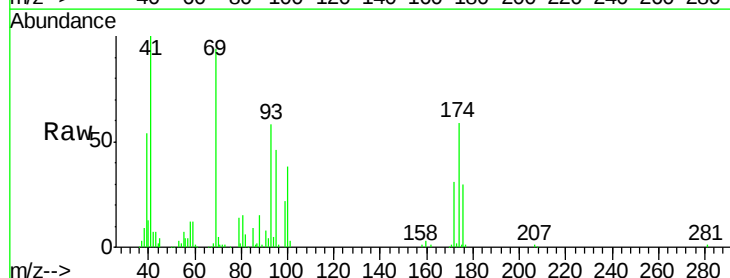
Tgt Ion: 41 Resp: 32304

Ion Ratio Lower Upper

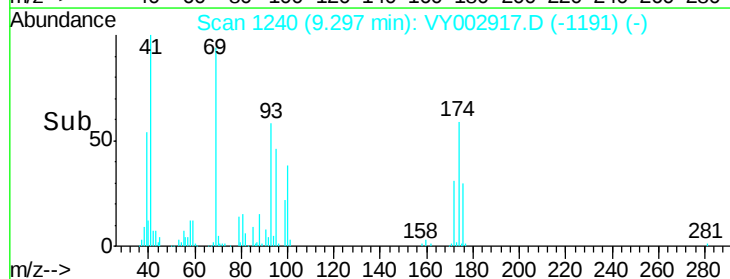
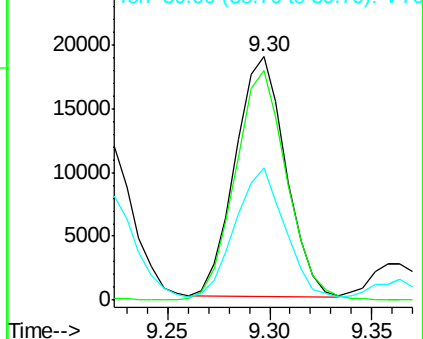
41 100

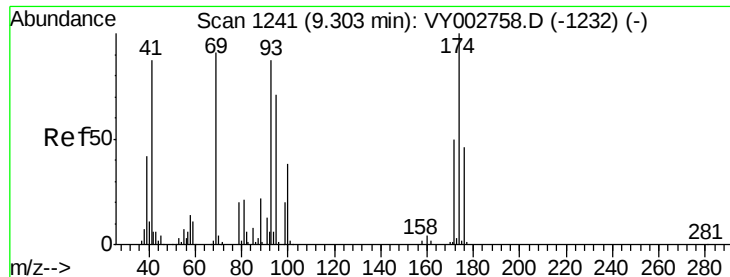
69 98.1 79.7 119.5

39 53.3 43.3 64.9



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

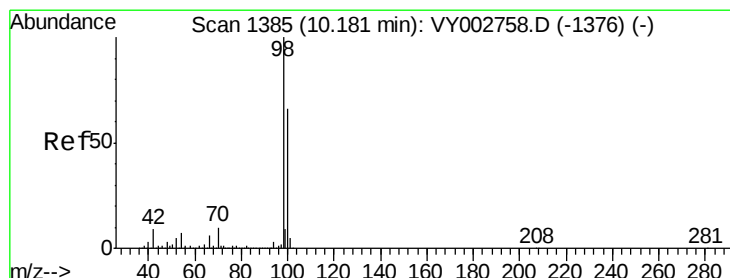
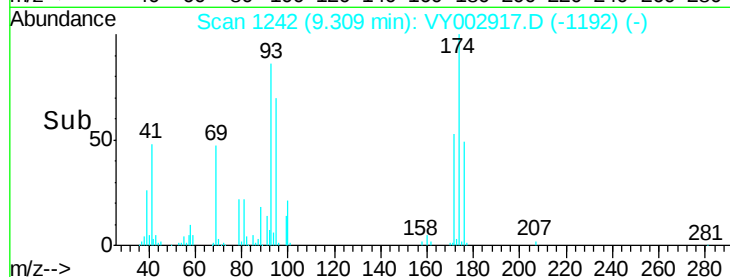
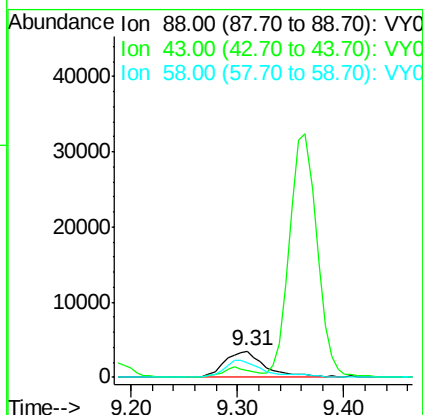
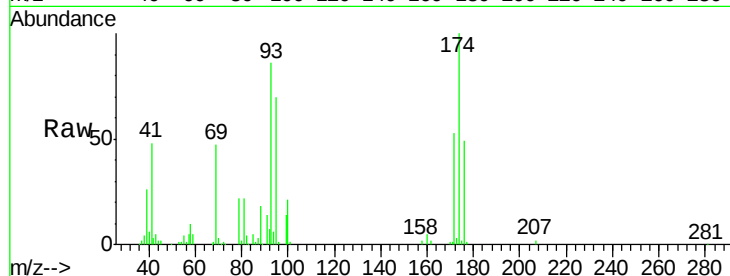




#49
1,4-Dioxane
Concen: 434.689 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

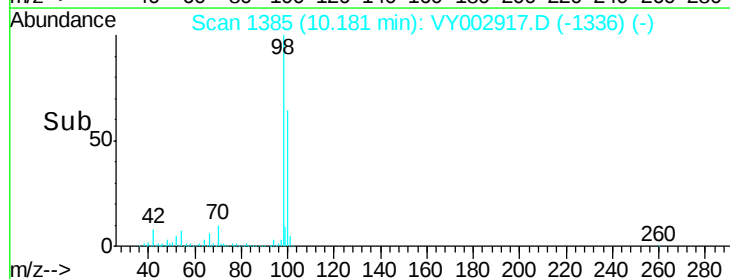
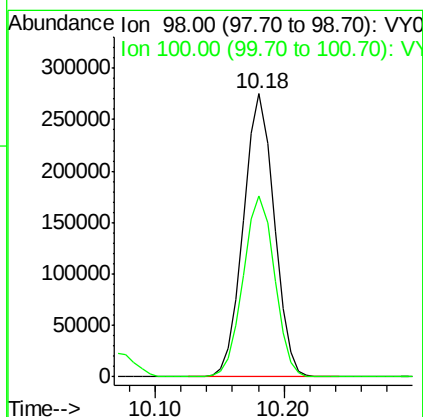
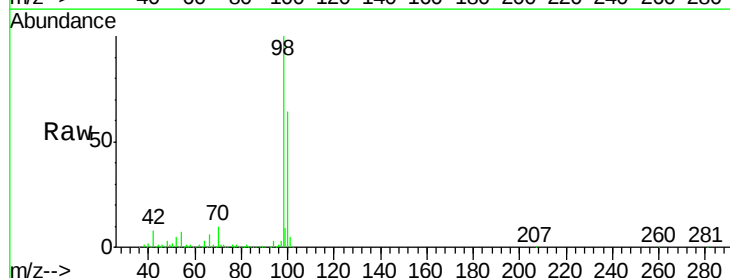
Instrument :
MSVOA_Y
ClientSampleId :

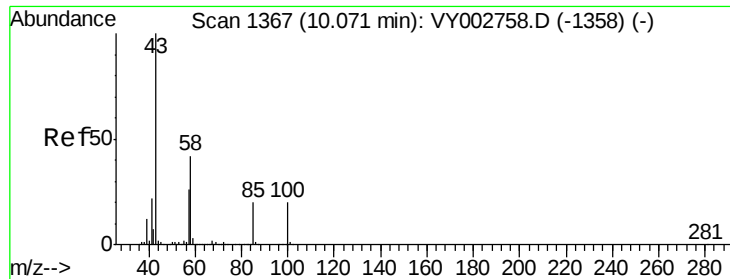
Tot Ion: 88 Resp: 9221
Ion Ratio Lower Upper
88 100
43 27.5 21.3 31.9
58 59.5 52.2 78.2



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 98 Resp: 454820
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

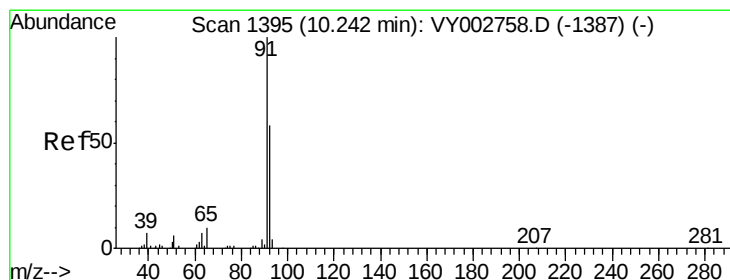
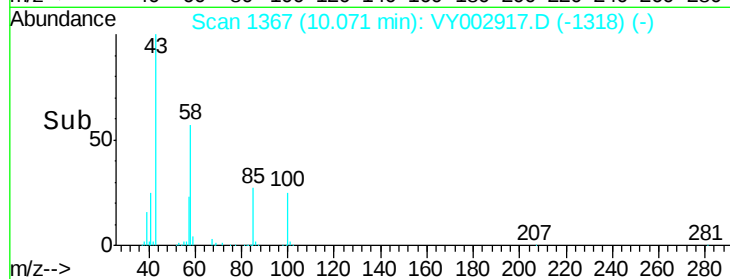
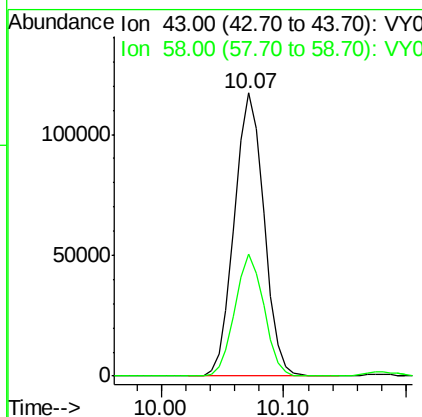
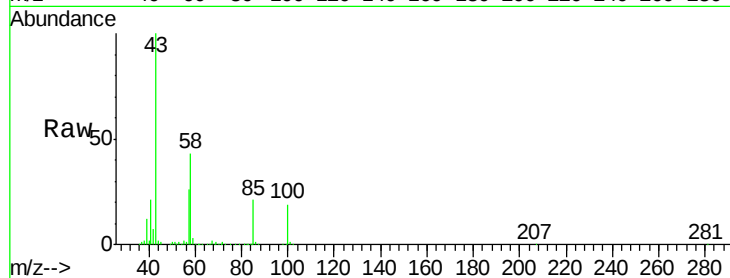




#51
4-Methyl-2-Pentanone
Concen: 109.569 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

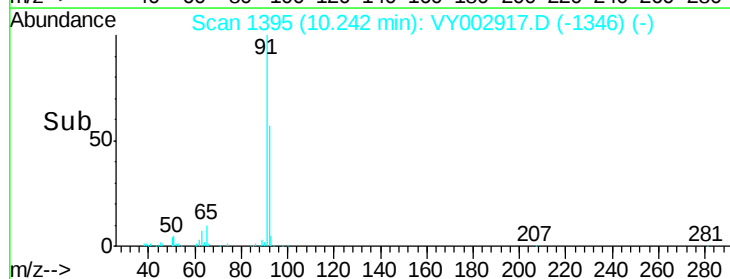
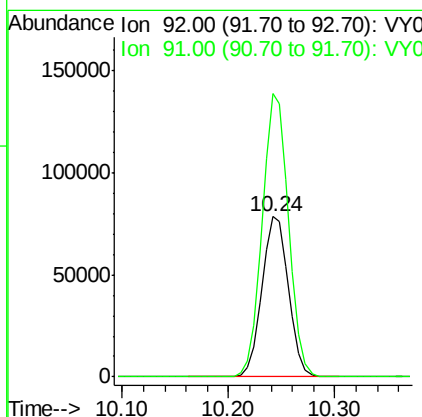
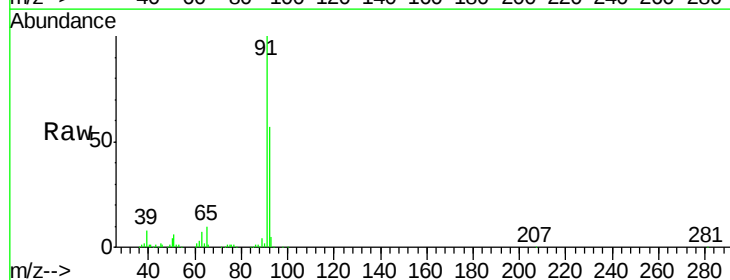
Instrument :
MSVOA_Y
ClientSampleId :

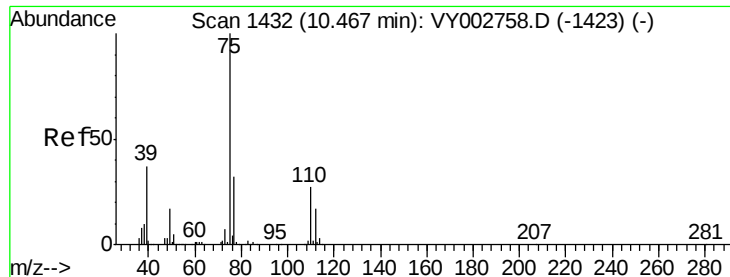
Tot Ion: 43 Resp: 196383
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.2



#52
Toluene
Concen: 21.623 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 92 Resp: 137215
Ion Ratio Lower Upper
92 100
91 174.7 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.850 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

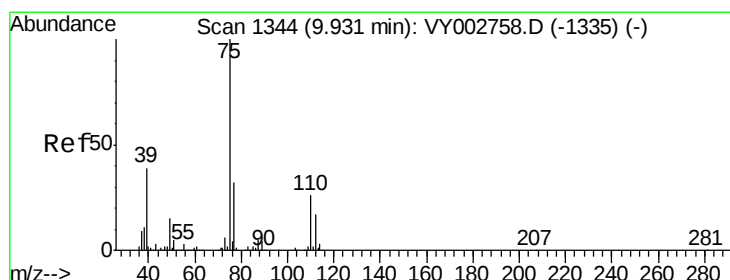
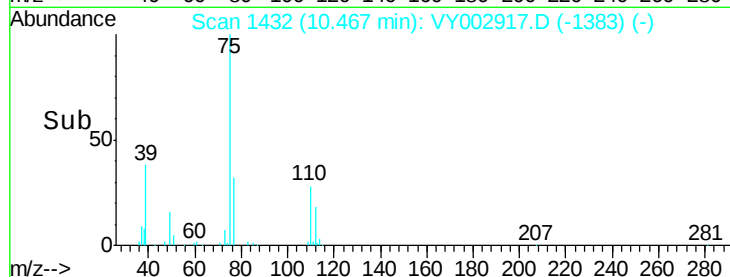
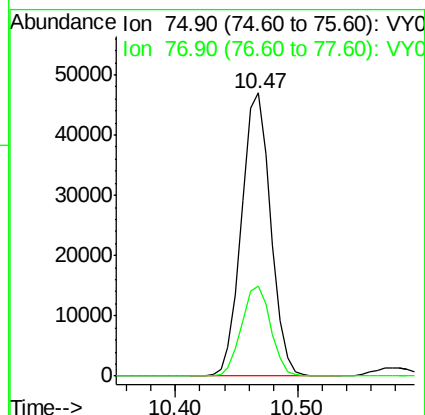
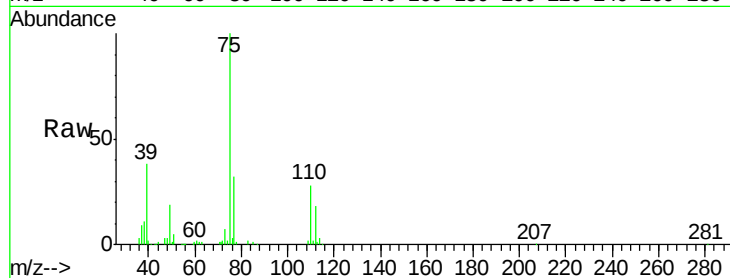
ClientSampleId :

Tot Ion: 75 Resp: 77727

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 22.016 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

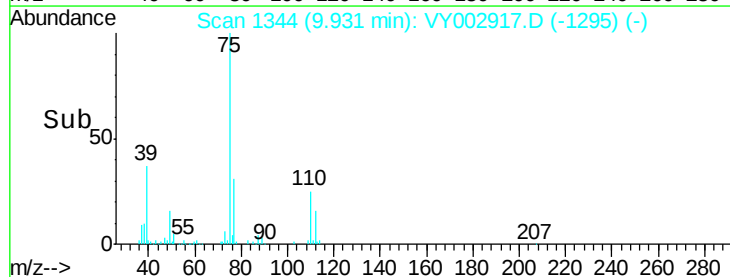
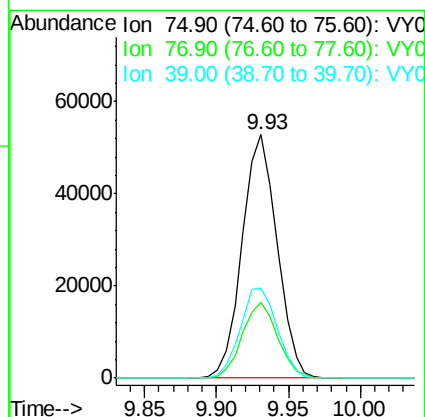
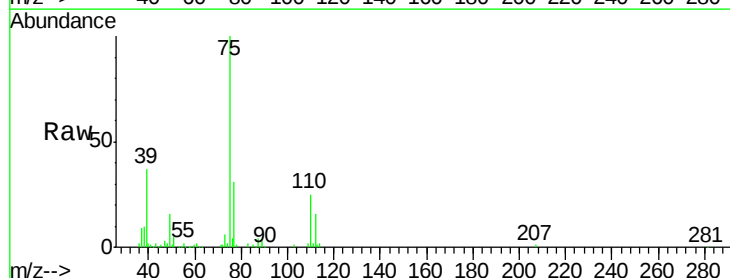
Tgt Ion: 75 Resp: 88744

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 37.2 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 21.925 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 46373

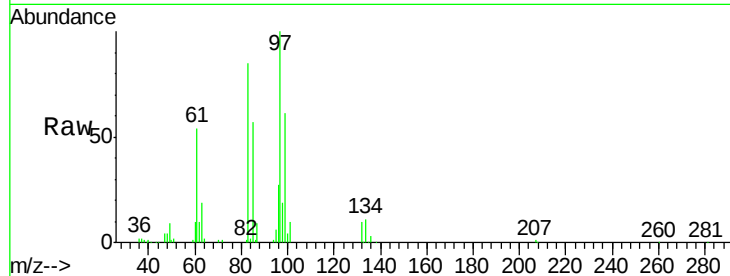
Ion Ratio Lower Upper

97 100

83 84.5 62.7 94.1

85 57.5 40.6 60.8

99 60.7 48.2 72.4

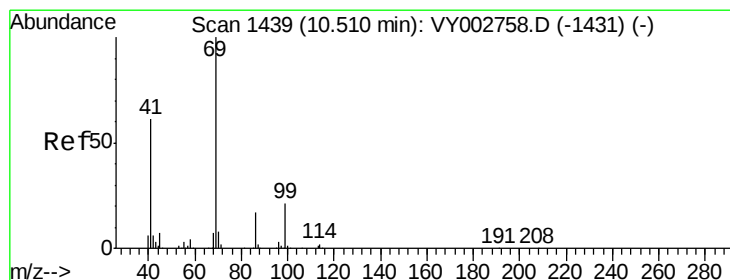
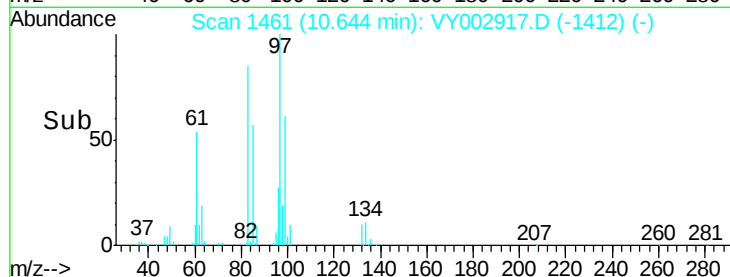
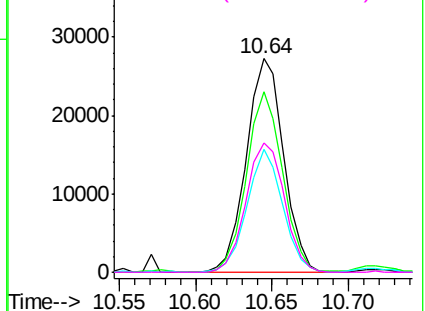


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.420 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

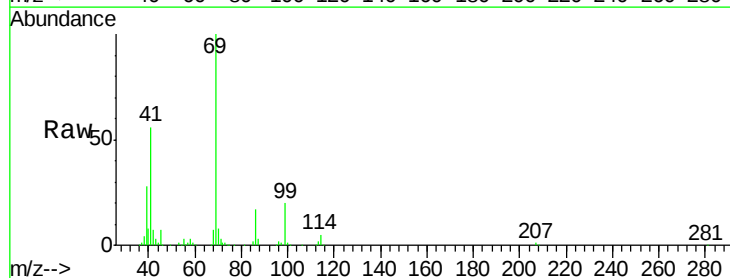
Tgt Ion: 69 Resp: 60682

Ion Ratio Lower Upper

69 100

41 57.6 47.0 70.4

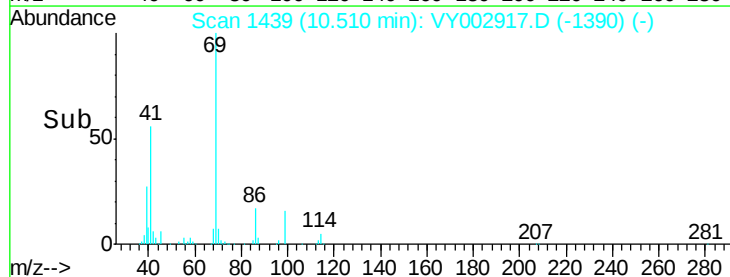
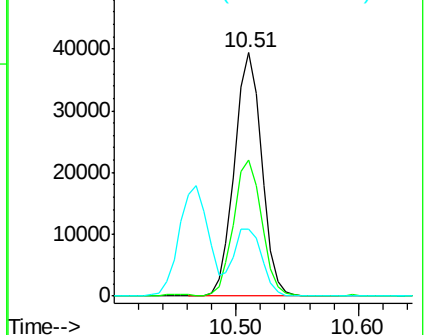
39 29.7 22.0 33.0



Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

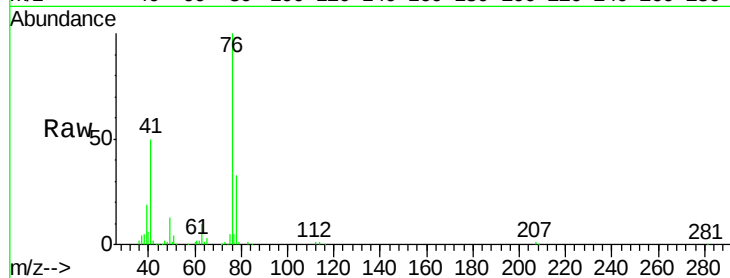
ClientSampleId :

Tot Ion: 76 Resp: 73939

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

50000

40000

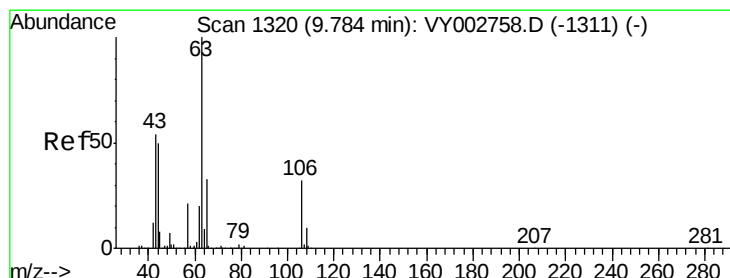
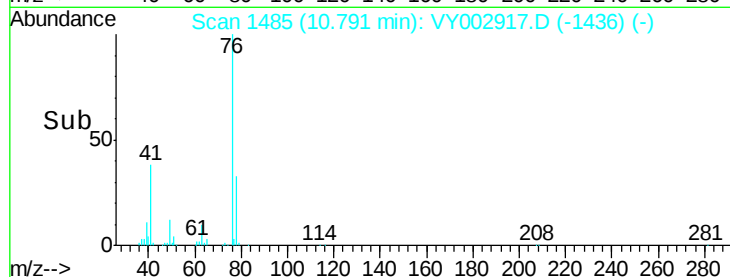
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 109.591 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002917.D

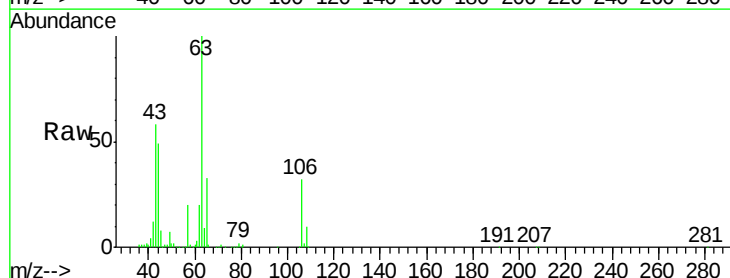
Acq: 18 Jun 2020 14:01

Tgt Ion: 63 Resp: 151702

Ion Ratio Lower Upper

63 100

106 32.5 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

100000

80000

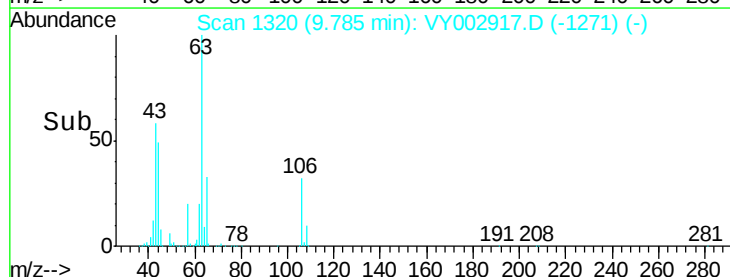
60000

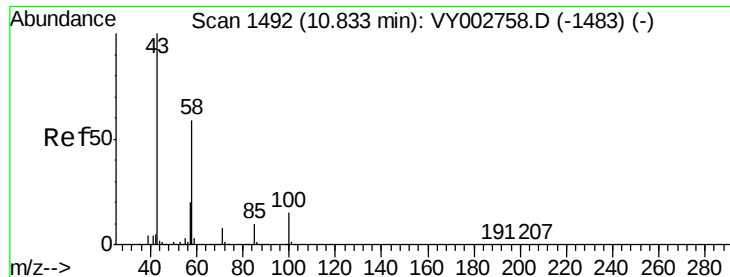
40000

20000

0

Time--> 9.70 9.75 9.80 9.85 9.90

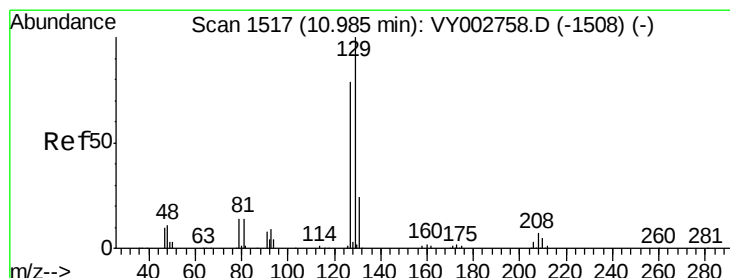
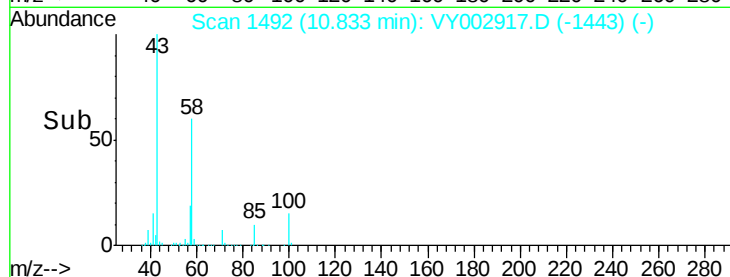
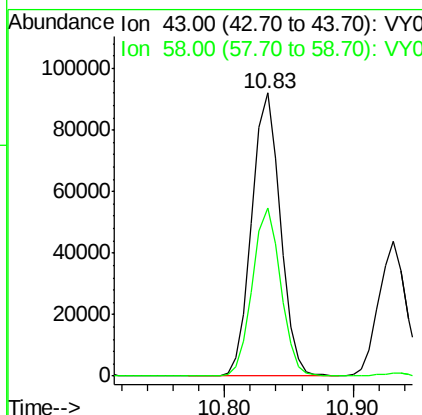
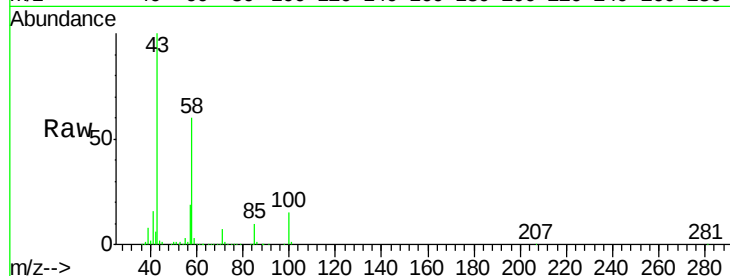




#59
2-Hexanone
Concen: 110.804 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

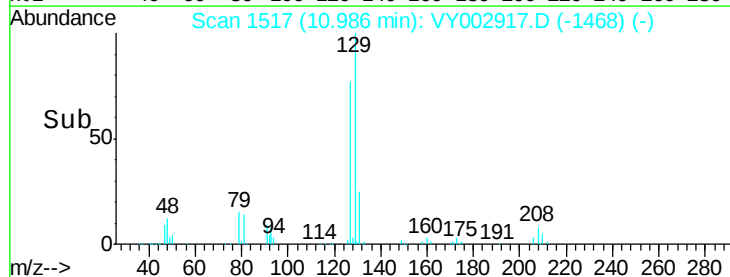
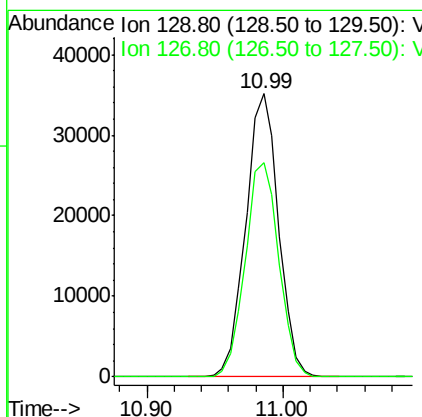
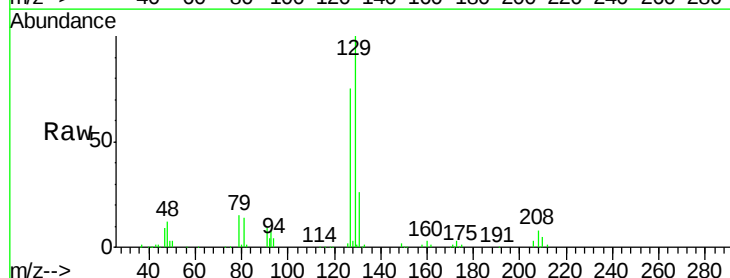
Instrument :
MSVOA_Y
ClientSampled :

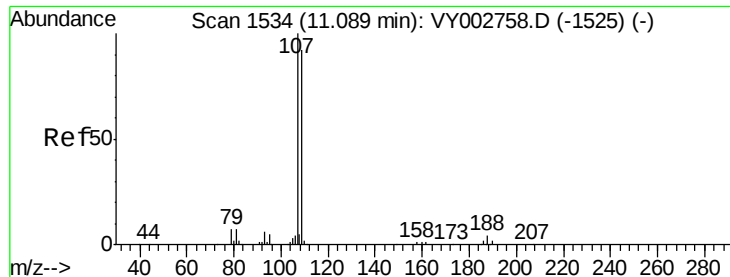
Tot Ion: 43 Resp: 140909
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5



#60
Dibromochloromethane
Concen: 22.168 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion: 129 Resp: 59443
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 21.941 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

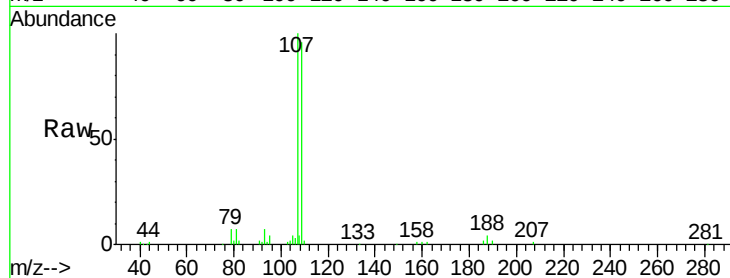
ClientSampleId :

Tot Ion: 107 Resp: 45777

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

25000

20000

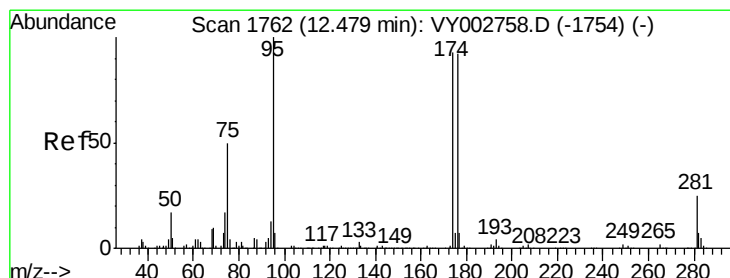
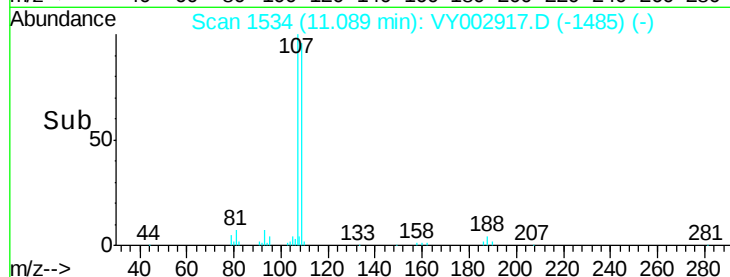
15000

10000

5000

0

Time--> 11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 52.277 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

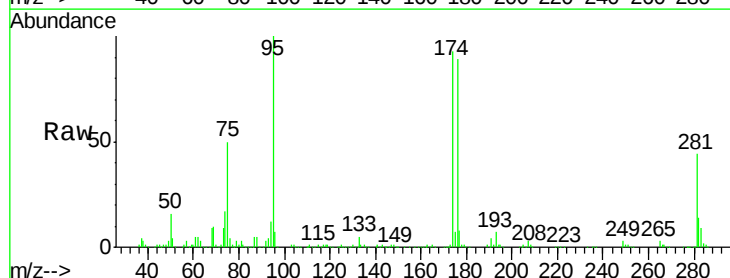
Tgt Ion: 95 Resp: 164983

Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.2

176 93.4 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

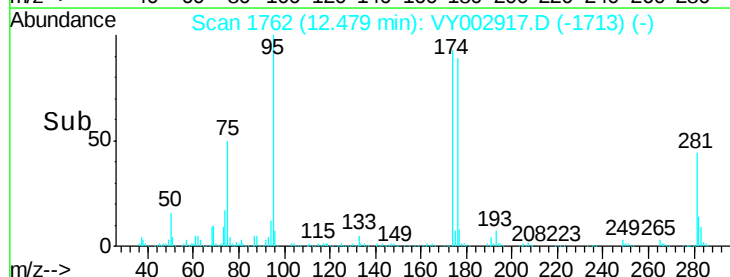
150000

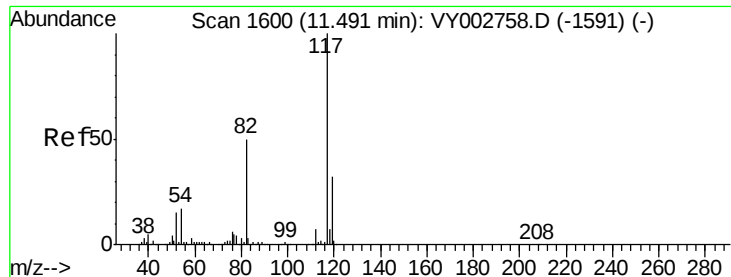
100000

50000

0

Time--> 12.40 12.45 12.50 12.55

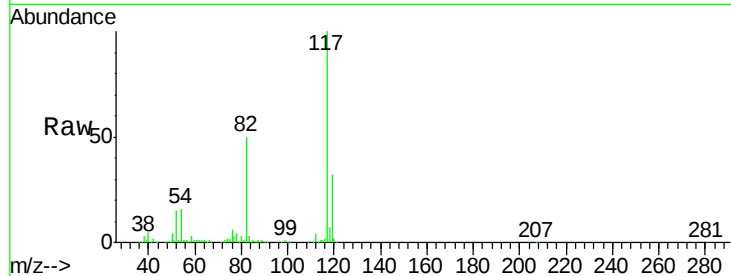




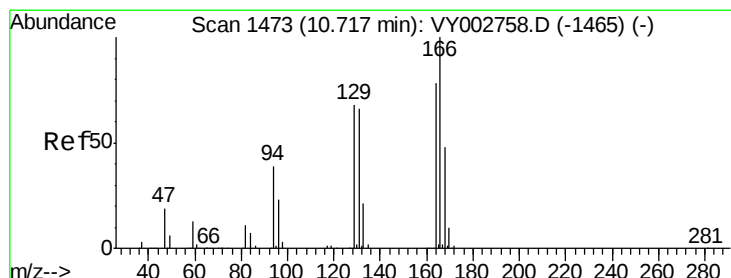
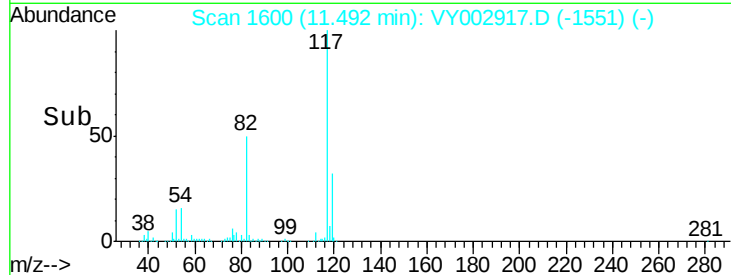
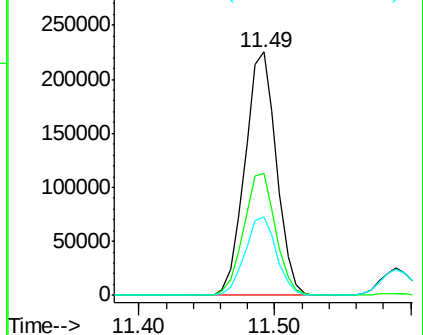
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 364726
Ion Ratio Lower Upper
117 100
82 50.0 40.2 60.4
119 32.4 25.8 38.8

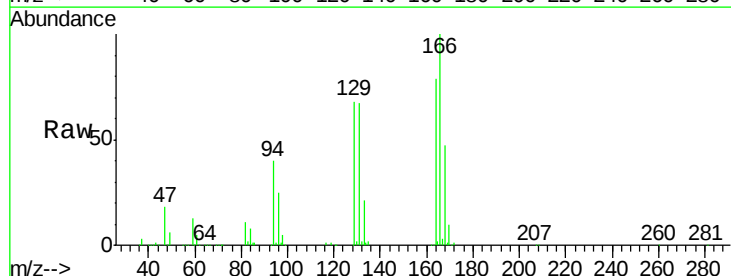


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

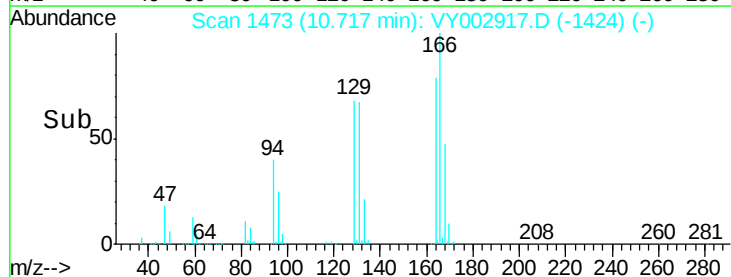
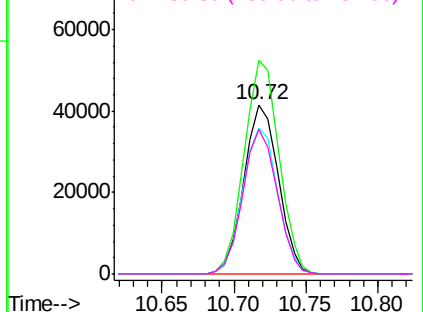


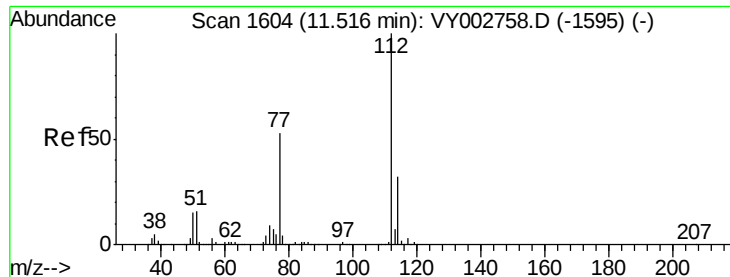
#64
Tetrachloroethene
Concen: 20.797 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion:164 Resp: 68940
Ion Ratio Lower Upper
164 100
166 126.4 102.3 153.5
129 86.3 69.4 104.2
131 85.3 67.8 101.6



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

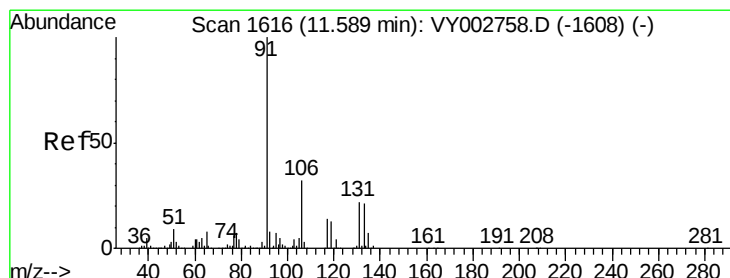
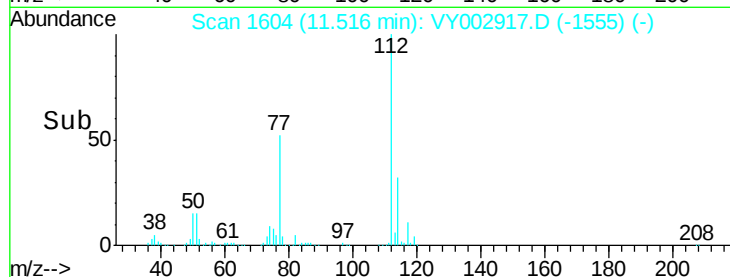
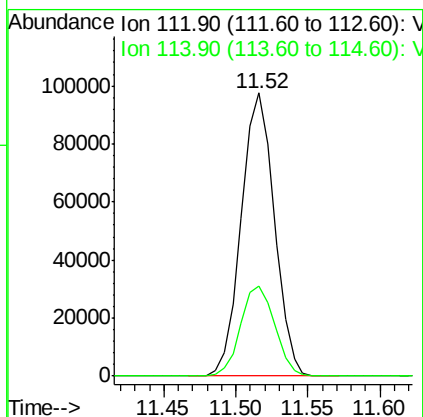
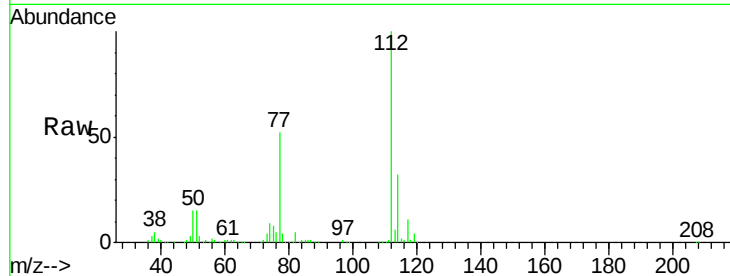




#65
Chlorobenzene
Concen: 21.621 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

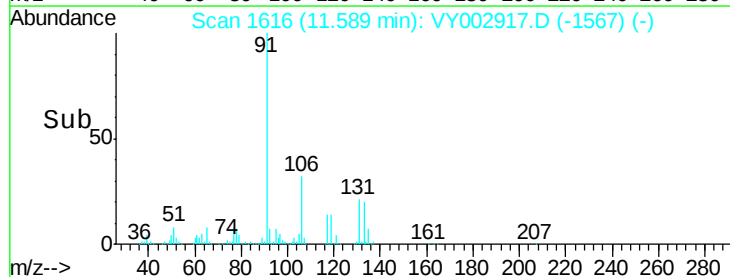
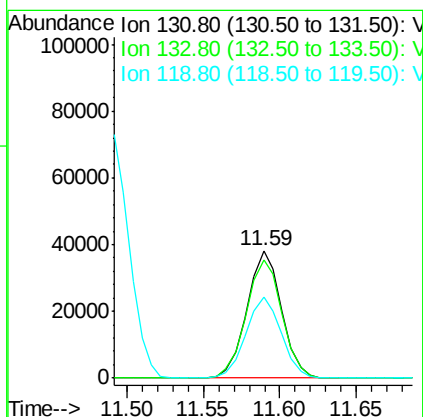
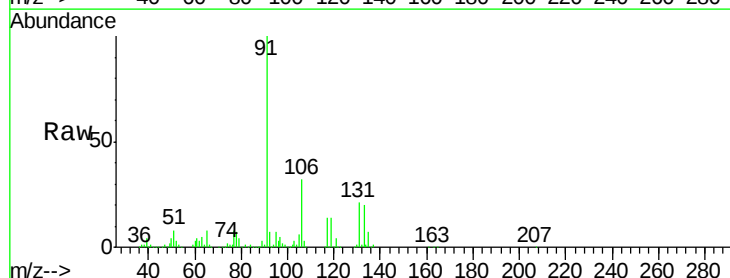
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:112 Resp: 155864
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.971 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion:131 Resp: 59651
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 65.1 31.7 95.1





#67

Ethyl Benzene

Concen: 21.777 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

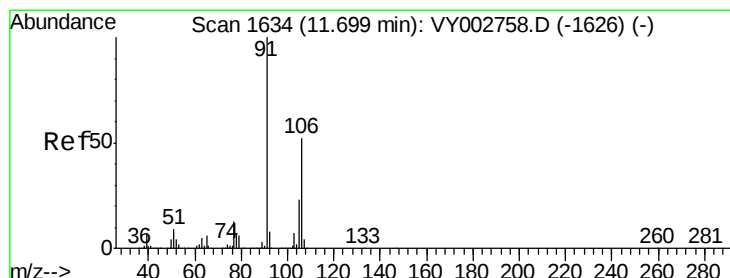
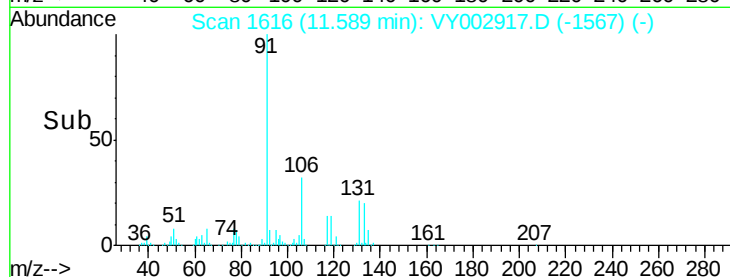
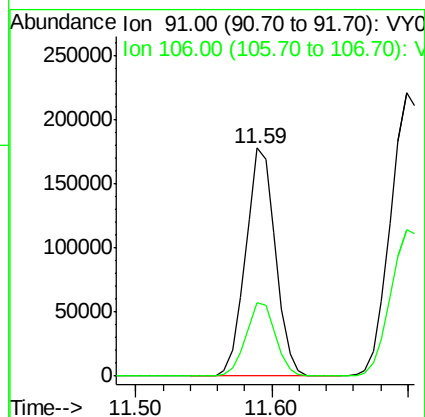
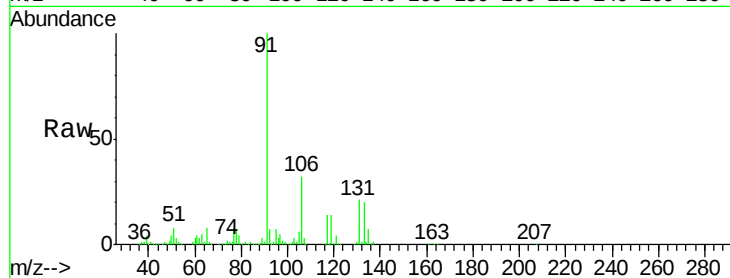
ClientSampleId :

Tot Ion: 91 Resp: 272155

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 43.864 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002917.D

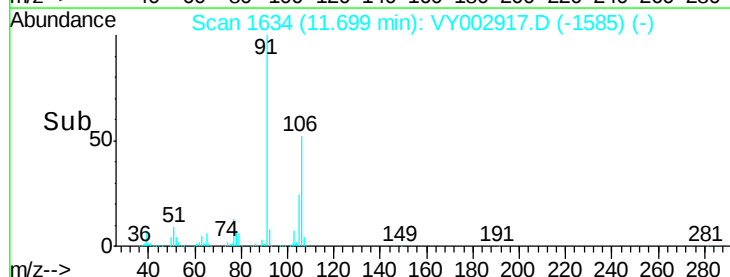
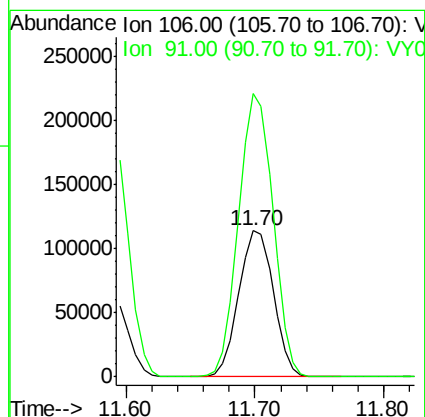
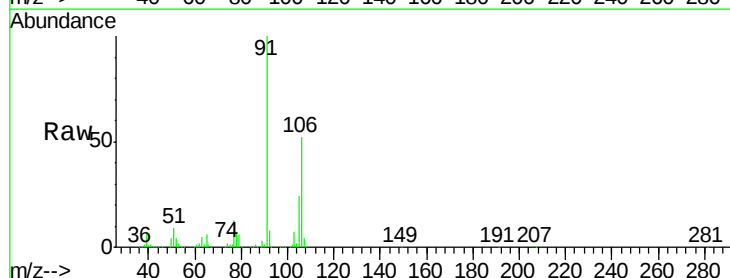
Acq: 18 Jun 2020 14:01

Tgt Ion: 106 Resp: 212543

Ion Ratio Lower Upper

106 100

91 192.7 156.0 234.0

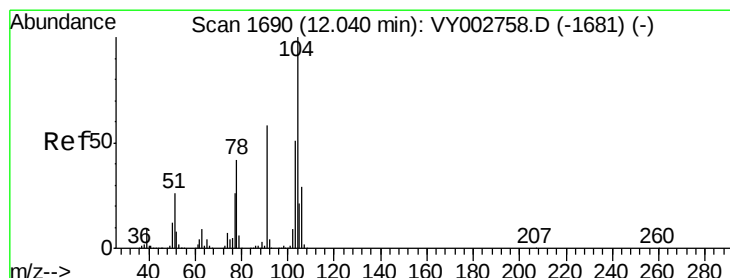
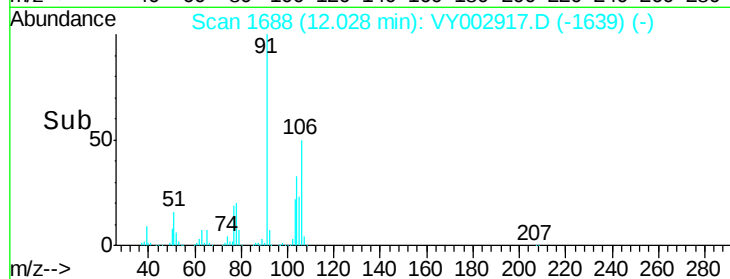
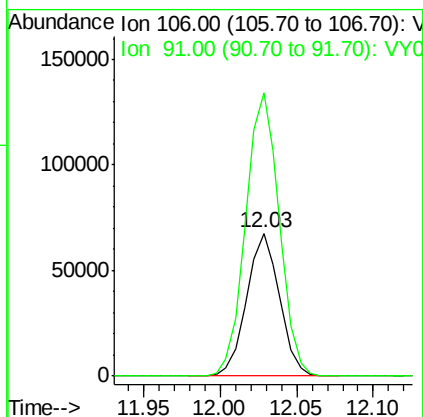
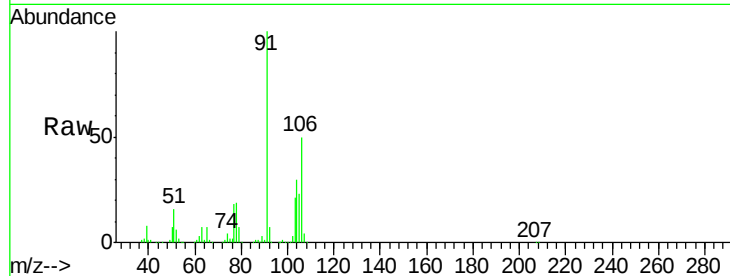




#69
o-Xylene
Concen: 22.078 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

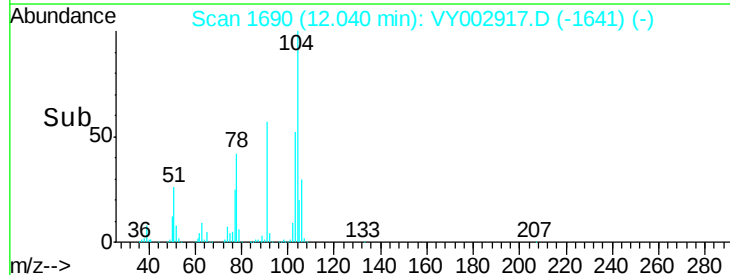
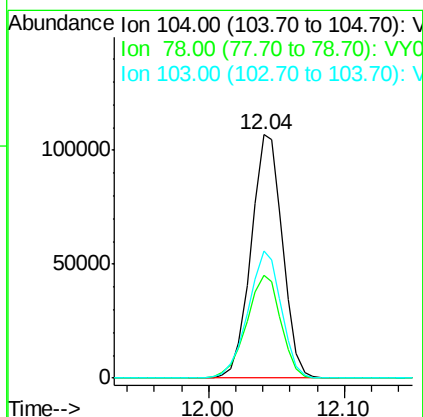
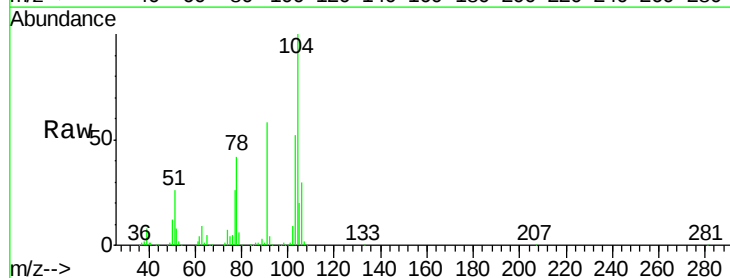
Instrument :
MSVOA_Y
ClientSampled :

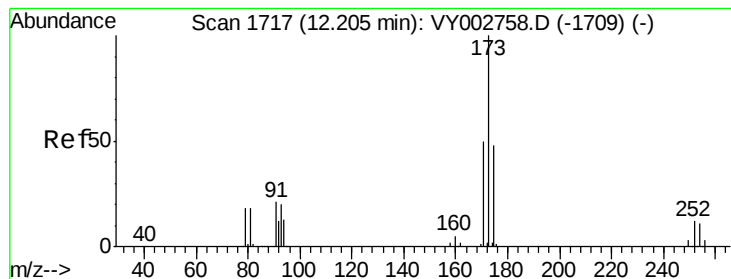
Tot Ion:106 Resp: 100993
Ion Ratio Lower Upper
106 100
91 202.7 102.4 307.1



#70
Styrene
Concen: 21.820 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002917.D
Acq: 18 Jun 2020 14:01

Tgt Ion:104 Resp: 173022
Ion Ratio Lower Upper
104 100
78 46.1 36.2 54.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 22.510 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

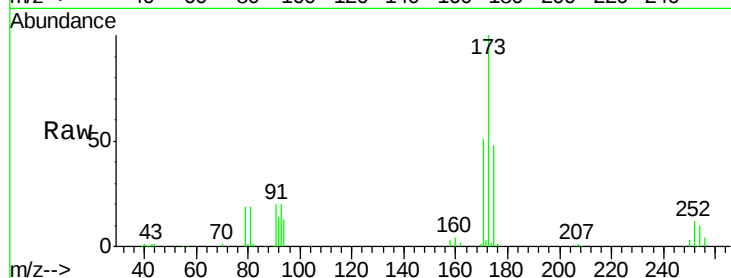
Tot Ion:173 Resp: 40894

Ion Ratio Lower Upper

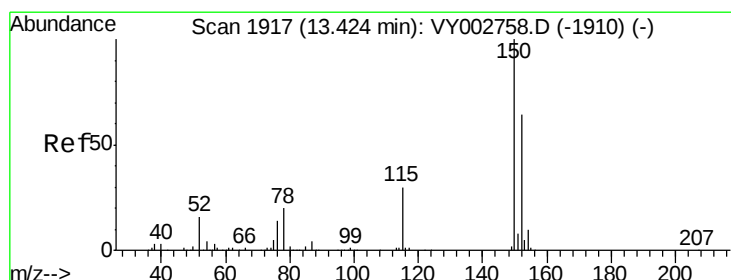
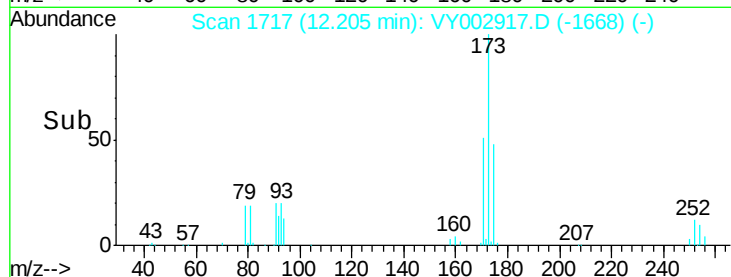
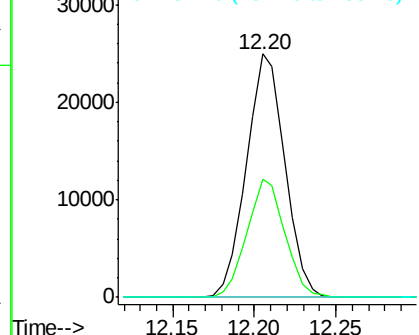
173 100

175 47.9 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

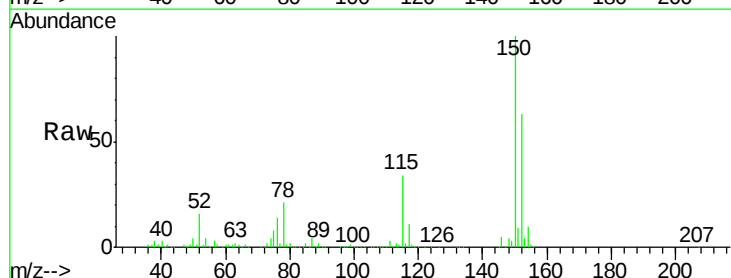
Tgt Ion:152 Resp: 201907

Ion Ratio Lower Upper

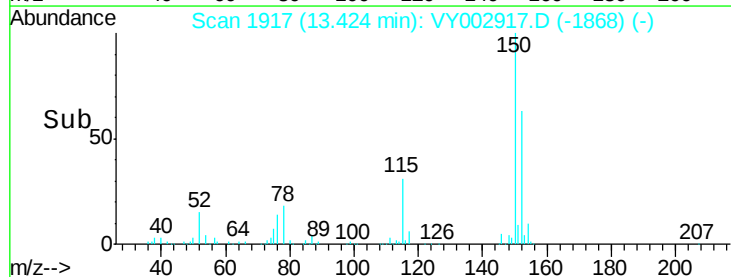
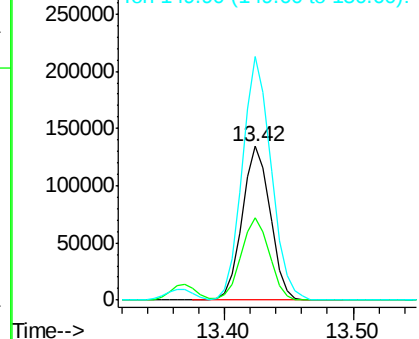
152 100

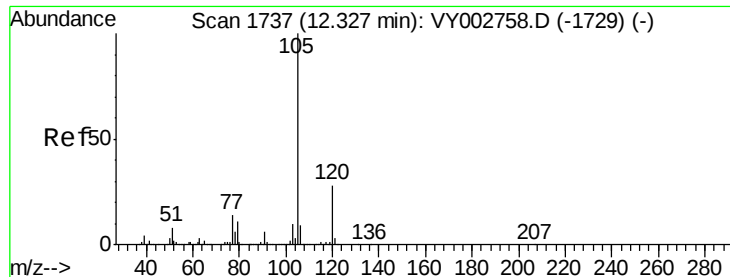
115 53.9 27.0 81.0

150 163.9 0.0 344.8



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: 21.118 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

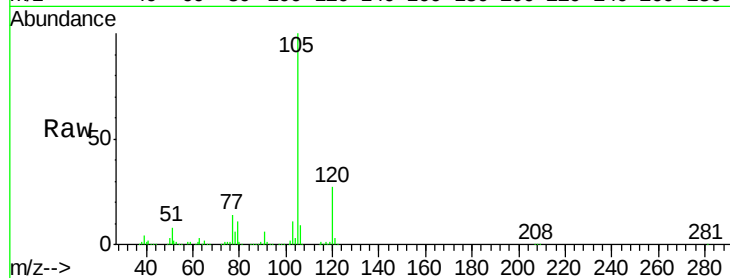
ClientSampleId :

Tot Ion: 105 Resp: 273247

Ion Ratio Lower Upper

105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

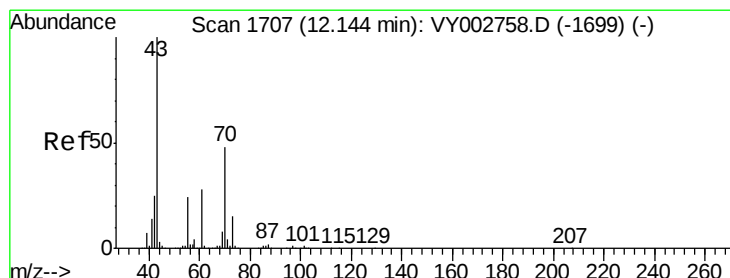
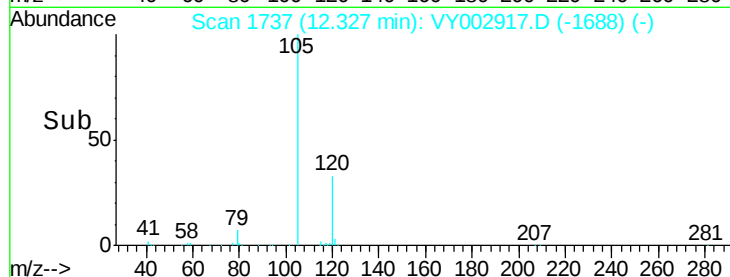
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.833 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion: 43 Resp: 69163

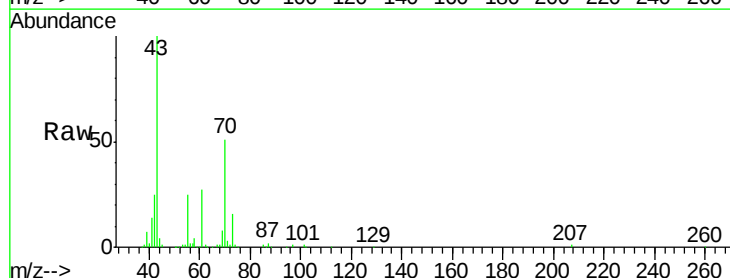
Ion Ratio Lower Upper

43 100

70 48.2 37.7 56.5

55 25.2 19.8 29.6

61 26.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

60000

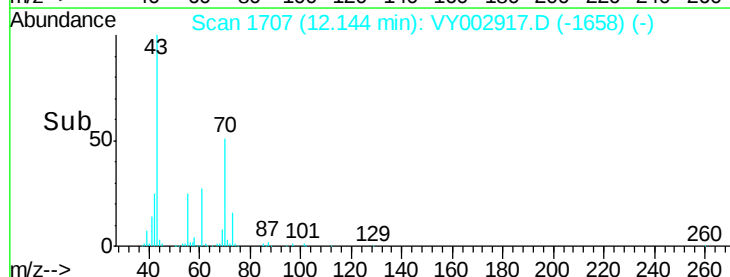
40000

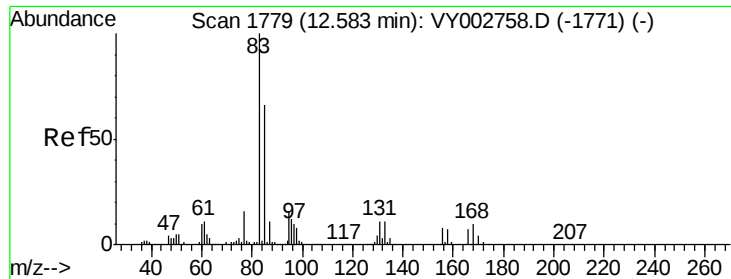
20000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.275 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

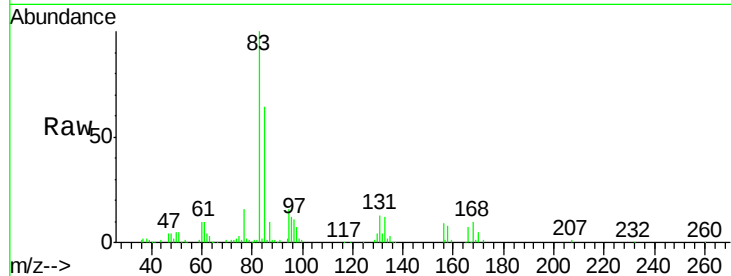
Tot Ion: 83 Resp: 50570

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.4

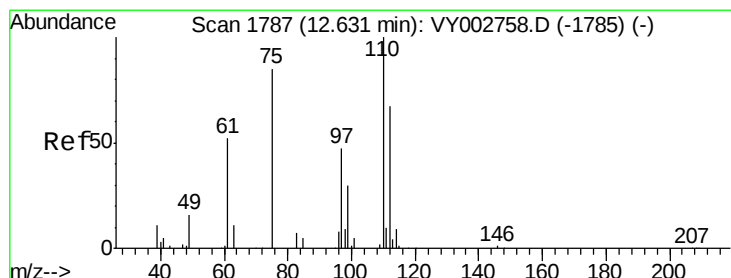
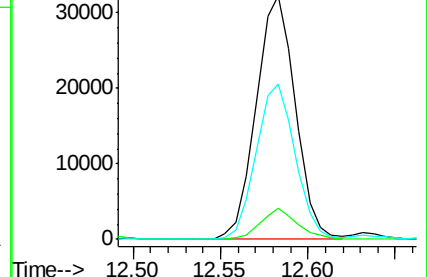
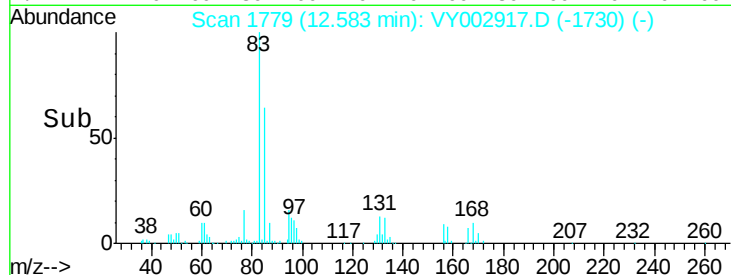
85 63.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002917.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002917.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002917.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 39.776 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002917.D

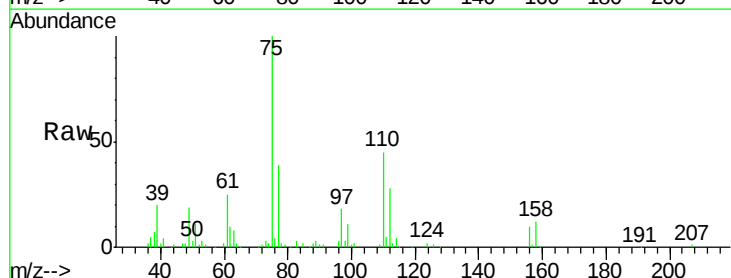
Acq: 18 Jun 2020 14:01

Tgt Ion: 75 Resp: 72366

Ion Ratio Lower Upper

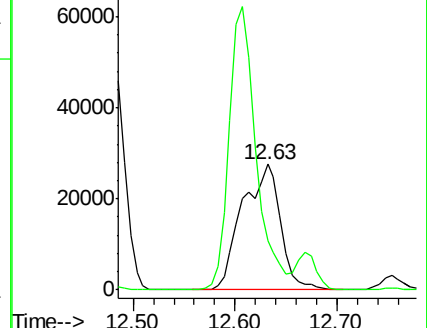
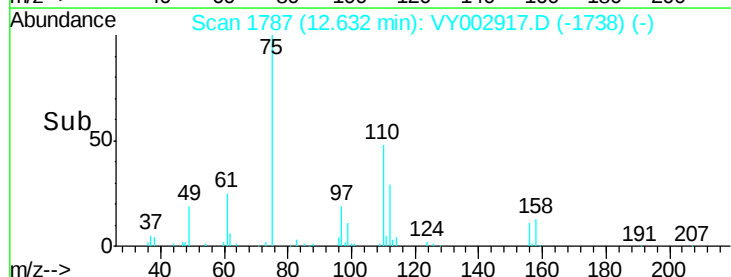
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002917.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002917.D (-1738) (-)





#77

Bromobenzene

Concen: 21.366 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

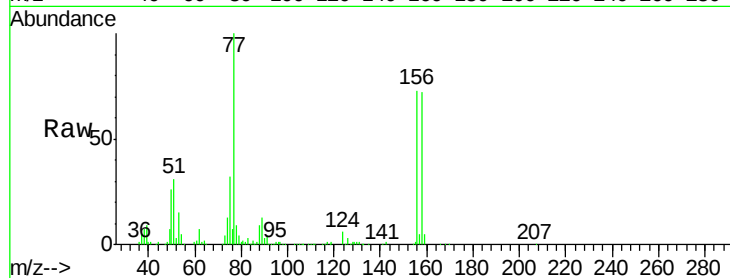
Tot Ion:156 Resp: 71985

Ion Ratio Lower Upper

156 100

77 157.6 81.4 244.2

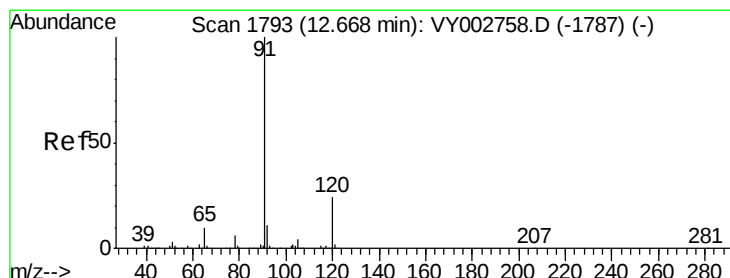
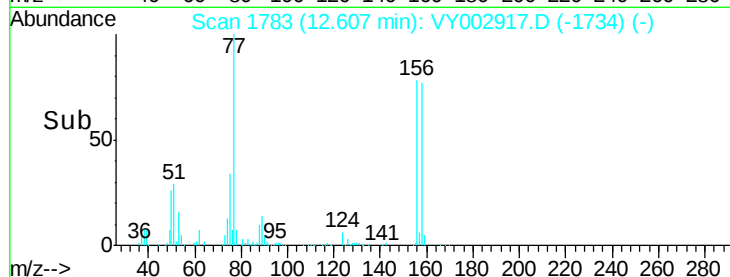
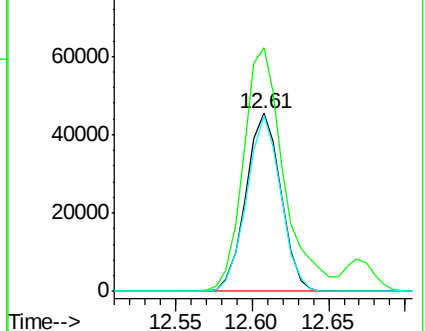
158 96.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.427 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002917.D

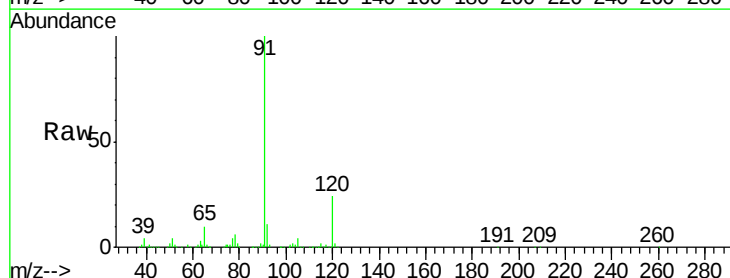
Acq: 18 Jun 2020 14:01

Tgt Ion: 91 Resp: 320247

Ion Ratio Lower Upper

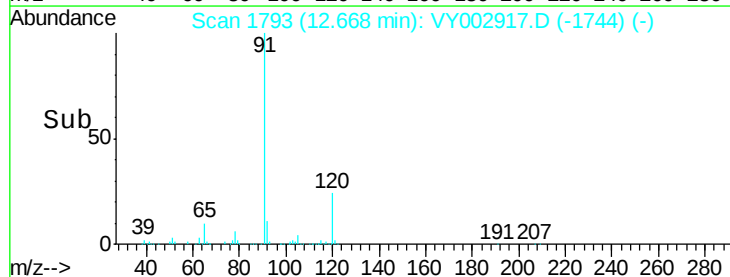
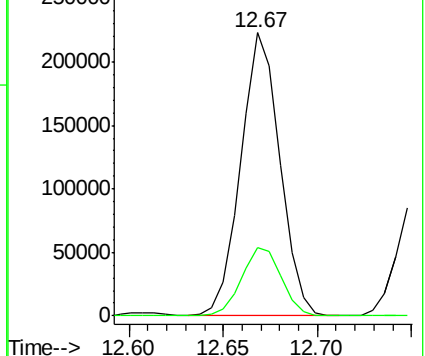
91 100

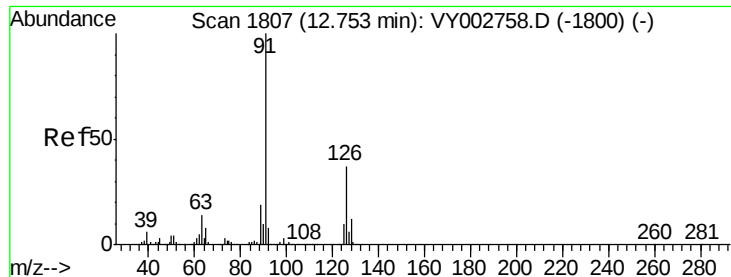
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.232 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

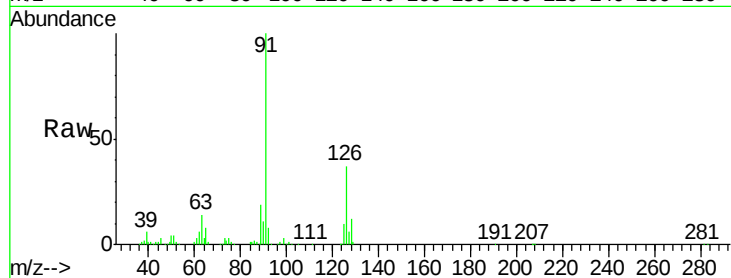
ClientSampleId :

Tot Ion: 91 Resp: 178005

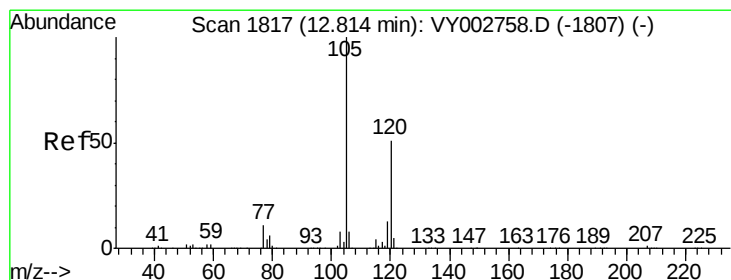
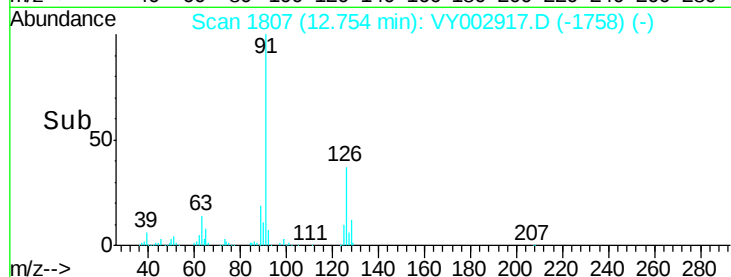
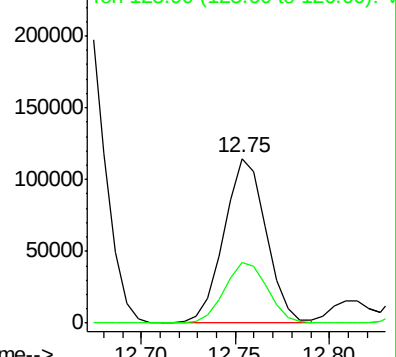
Ion Ratio Lower Upper

91 100

126 37.4 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002917.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.555 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002917.D

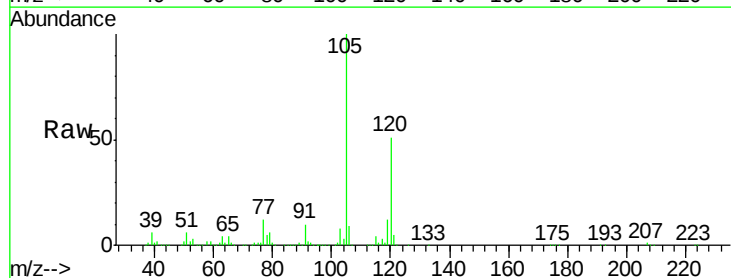
Acq: 18 Jun 2020 14:01

Tgt Ion: 105 Resp: 232875

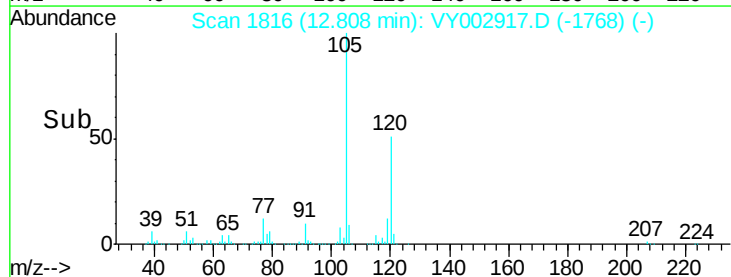
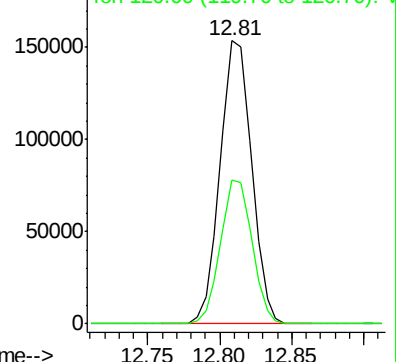
Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002917.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.092 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

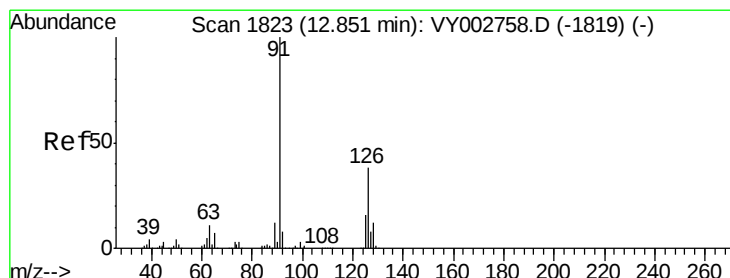
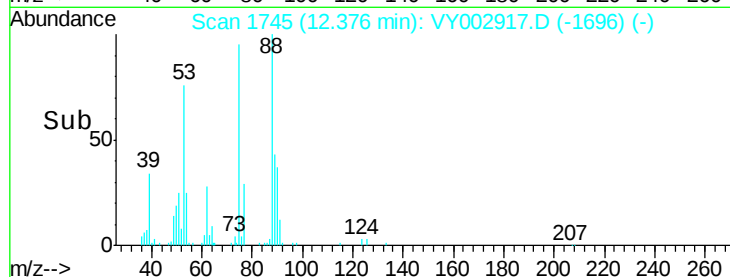
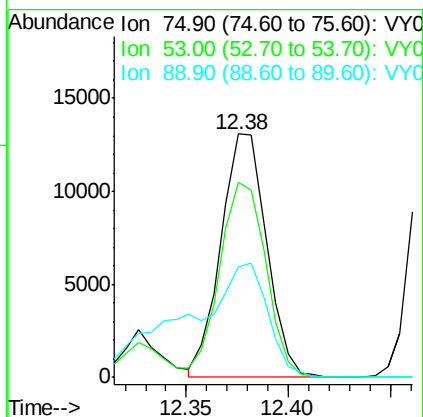
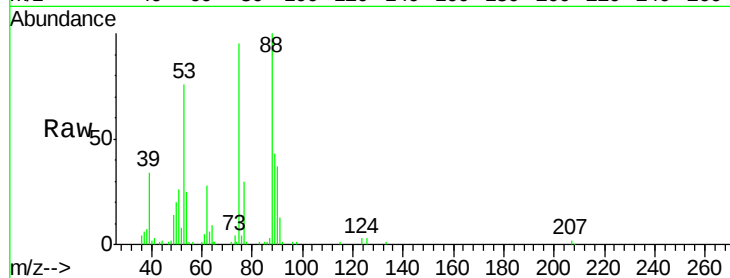
Tot Ion: 75 Resp: 20368

Ion Ratio Lower Upper

75 100

53 80.5 64.0 96.0

89 86.4 37.4 56.2#



#82

4-Chlorotoluene

Concen: 21.442 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002917.D

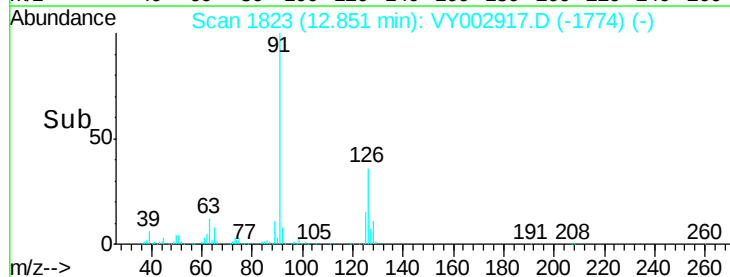
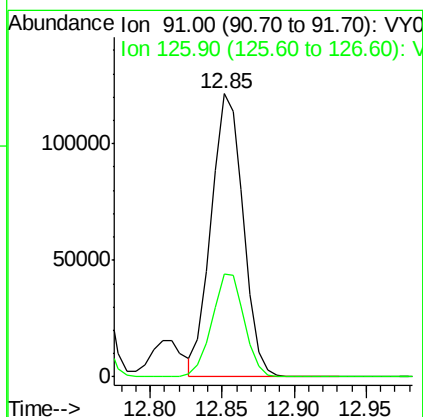
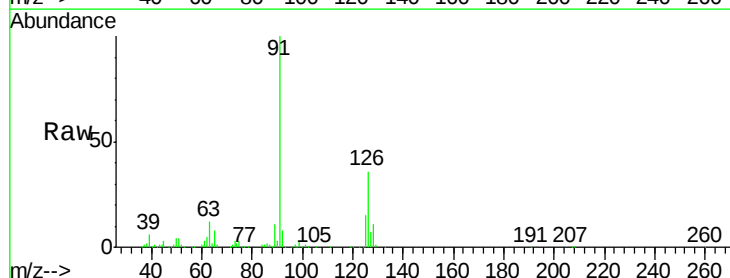
Acq: 18 Jun 2020 14:01

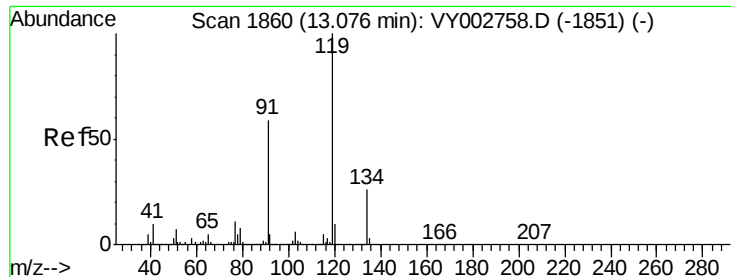
Tgt Ion: 91 Resp: 188344

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5





#83

tert-Butylbenzene

Concen: 21.535 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

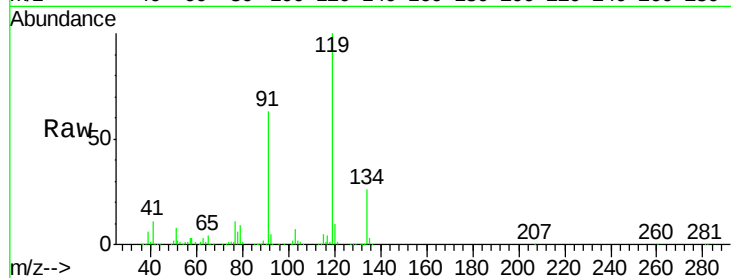
Tot Ion:119 Resp: 207526

Ion Ratio Lower Upper

119 100

91 59.2 29.8 89.4

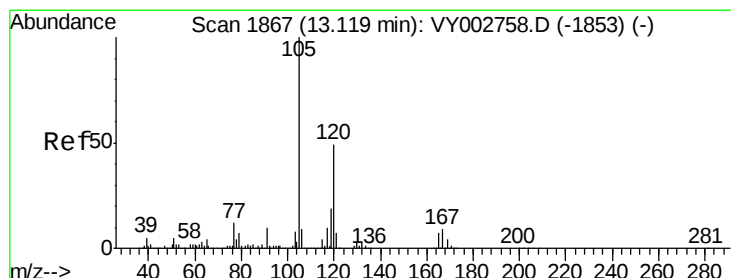
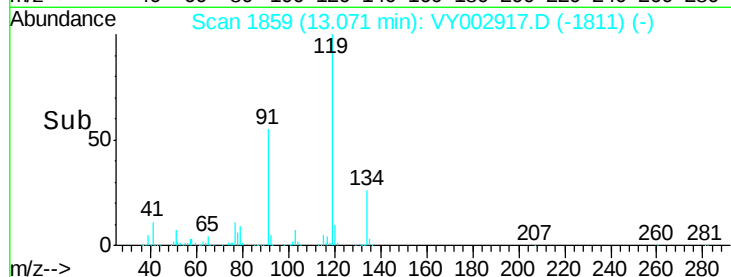
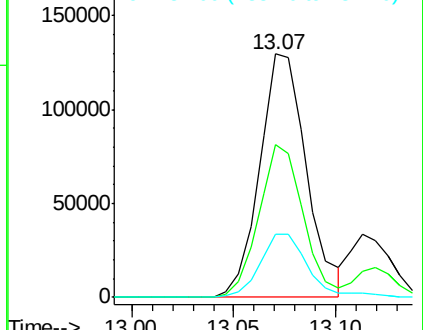
134 26.7 13.3 39.8



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: 21.516 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002917.D

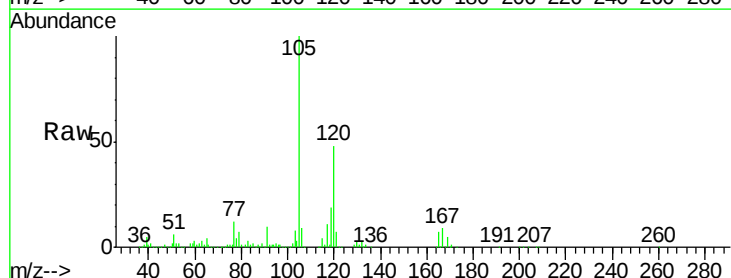
Acq: 18 Jun 2020 14:01

Tgt Ion:105 Resp: 233729

Ion Ratio Lower Upper

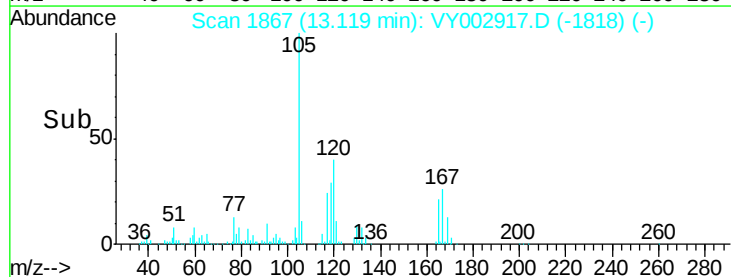
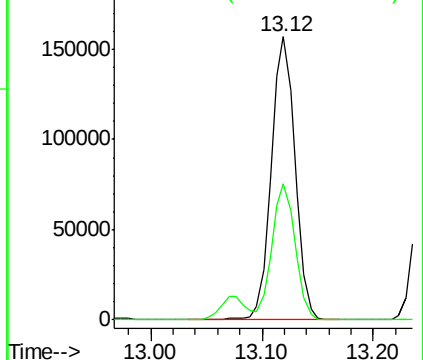
105 100

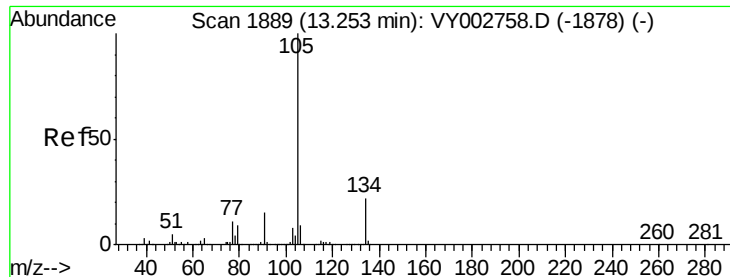
120 46.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.582 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

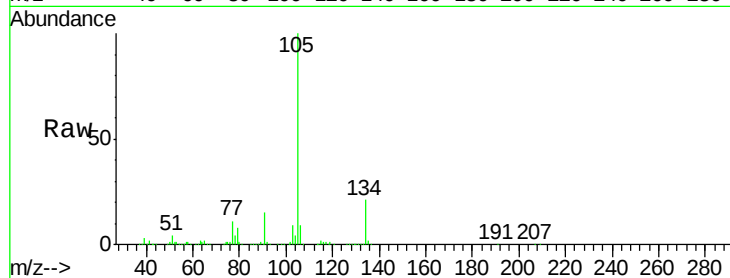
ClientSampleId :

Tot Ion:105 Resp: 284377

Ion Ratio Lower Upper

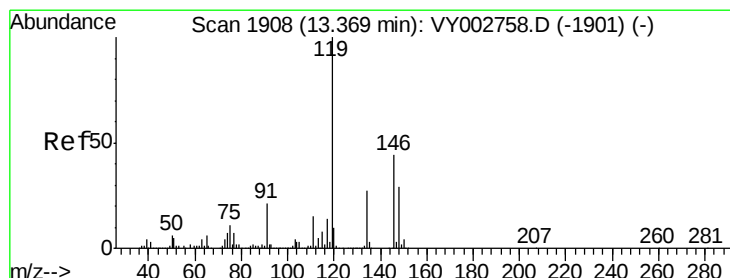
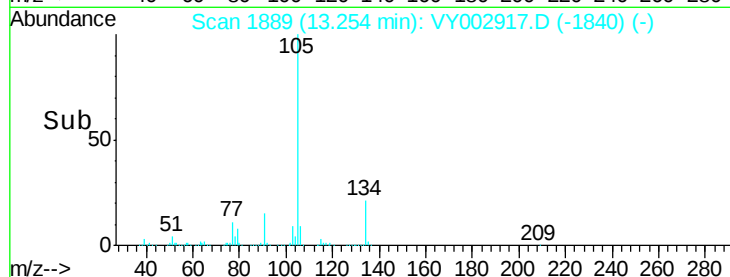
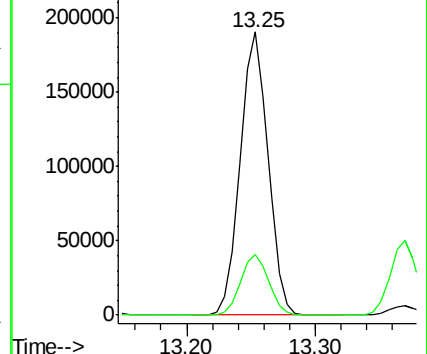
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.717 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

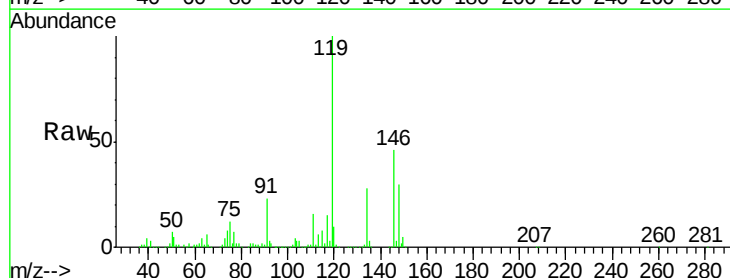
Tgt Ion:119 Resp: 266271

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

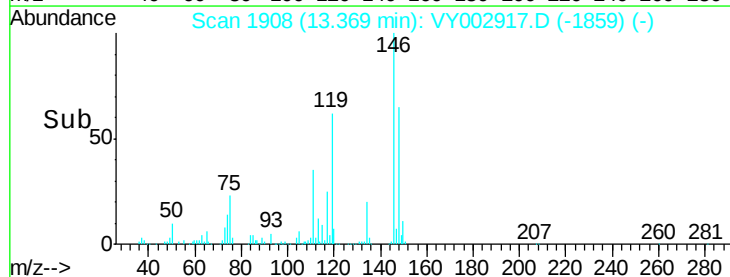
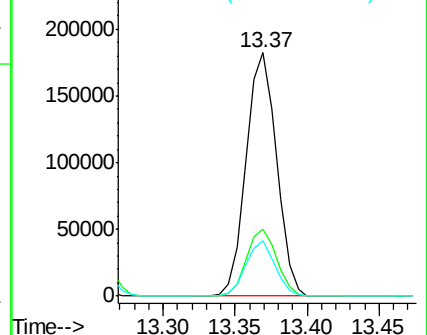
91 21.7 10.8 32.4

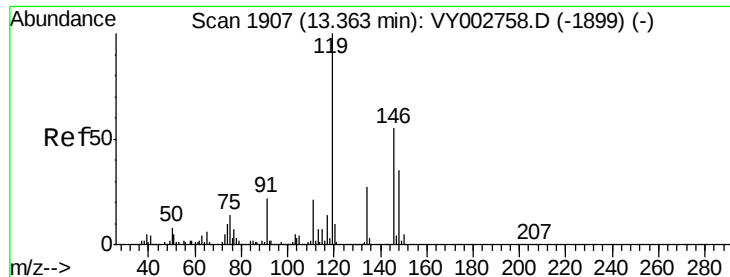


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.689 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

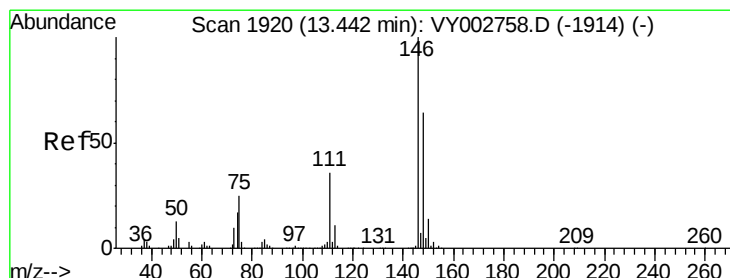
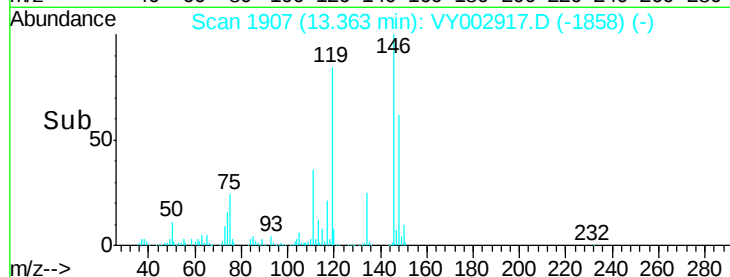
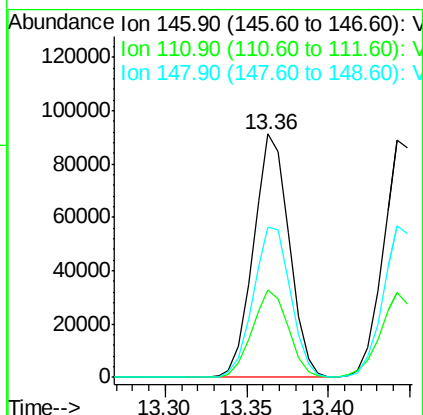
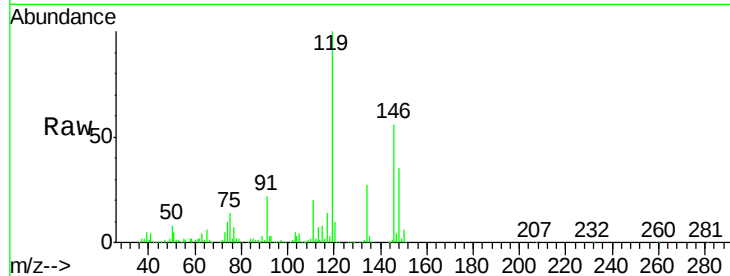
Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:146 Resp: 138417

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 21.324 ug/l

RT: 13.44 min Scan# 1920

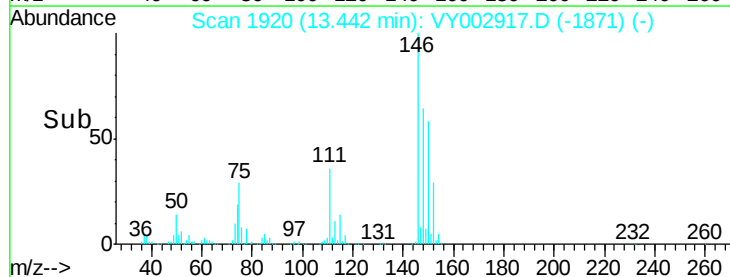
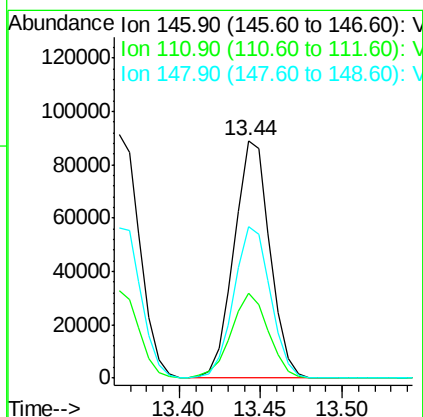
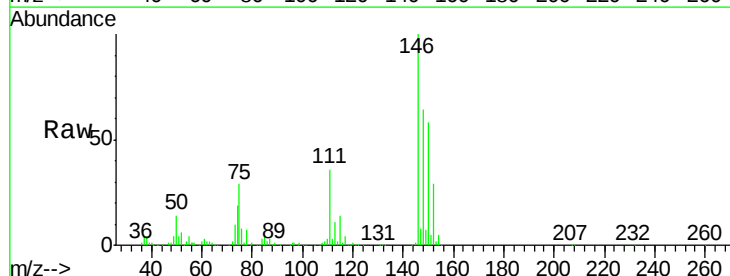
Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Tgt Ion:146 Resp: 136134

Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	65.0	32.1	96.3





#89

n-Butylbenzene

Concen: 21.669 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampleId :

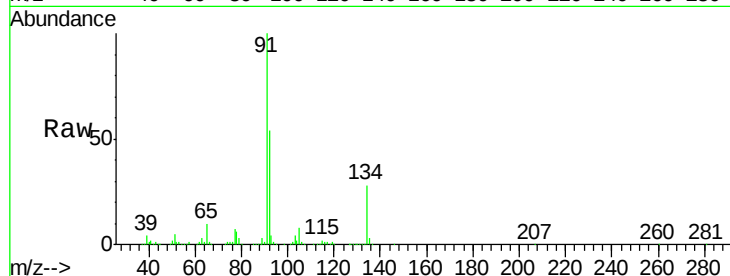
Tot Ion: 91 Resp: 241211

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

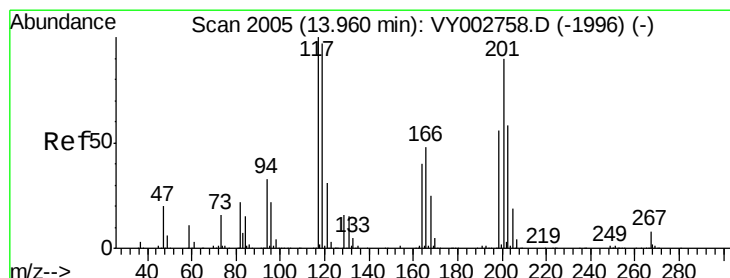
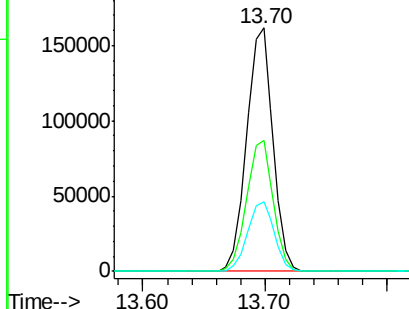
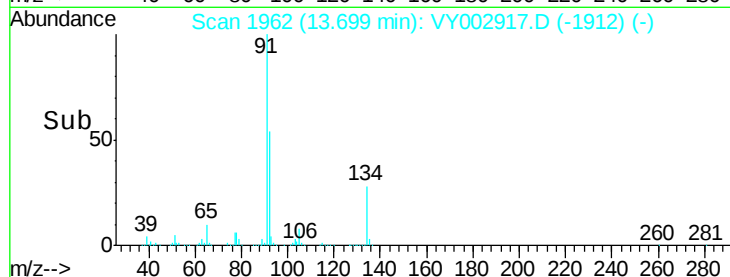
134 29.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002917.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002917.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002917.D (-1912) (-)



#90

Hexachloroethane

Concen: 21.570 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002917.D

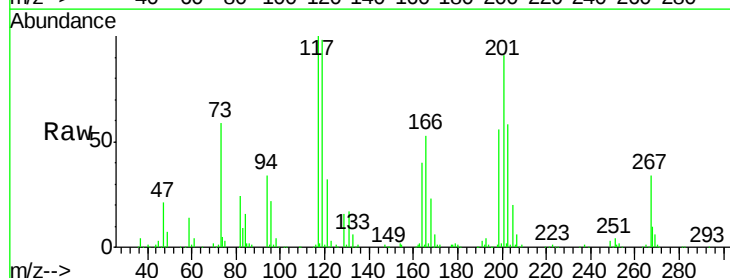
Acq: 18 Jun 2020 14:01

Tgt Ion: 117 Resp: 49510

Ion Ratio Lower Upper

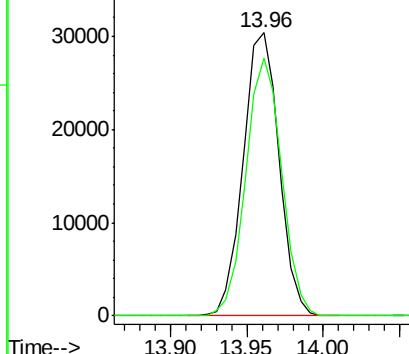
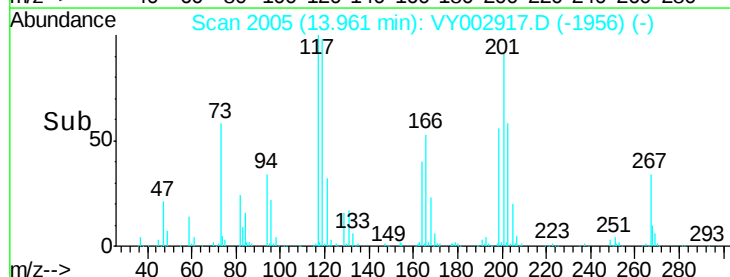
117 100

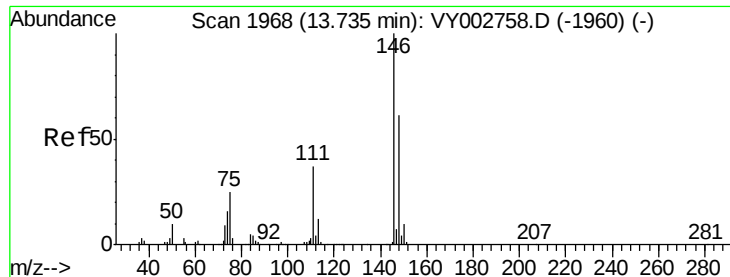
201 90.7 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002917.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002917.D (-1956) (-)

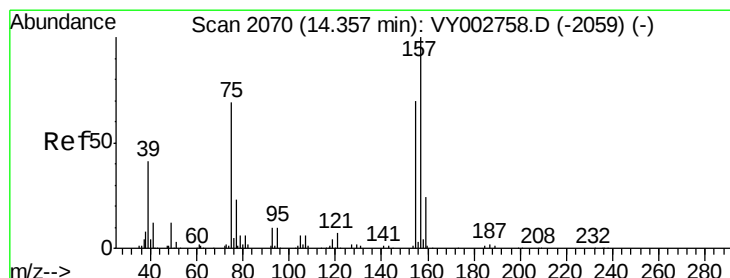
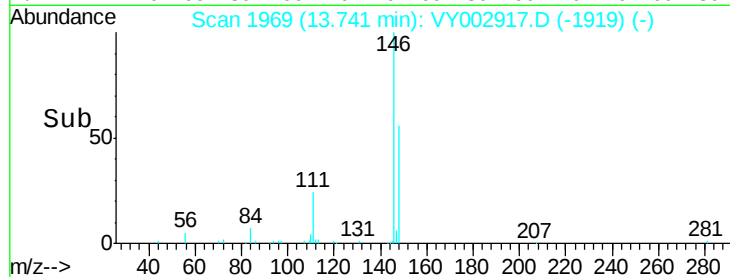
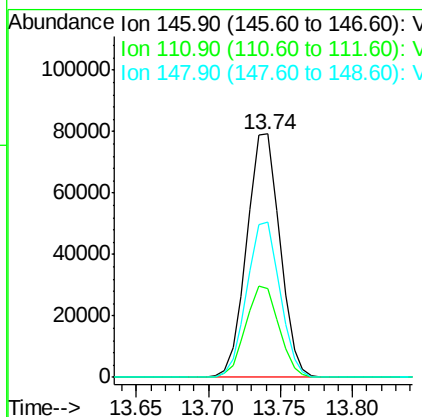
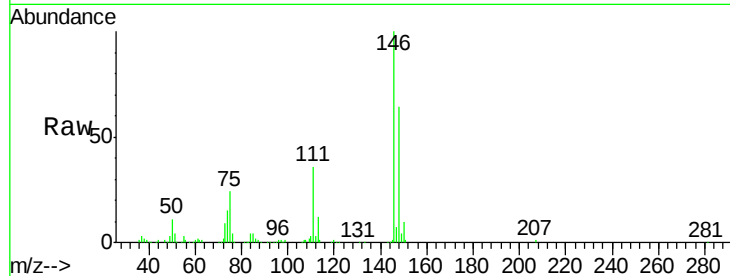




#91
 1,2-Dichlorobenzene
 Concen: 21.790 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

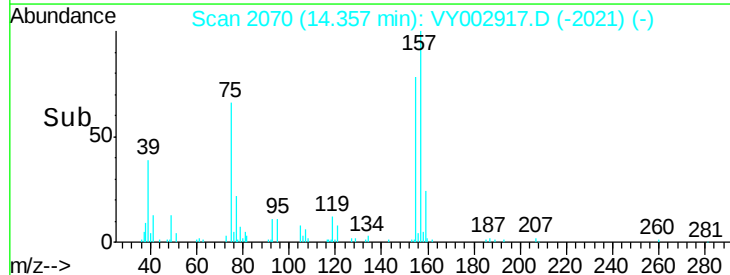
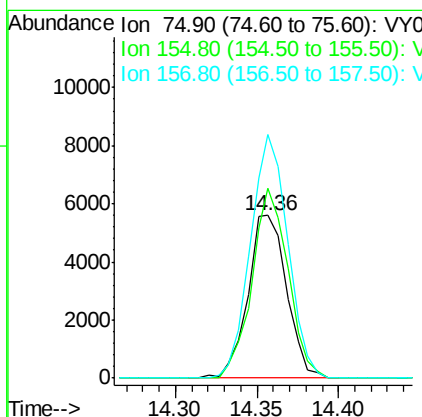
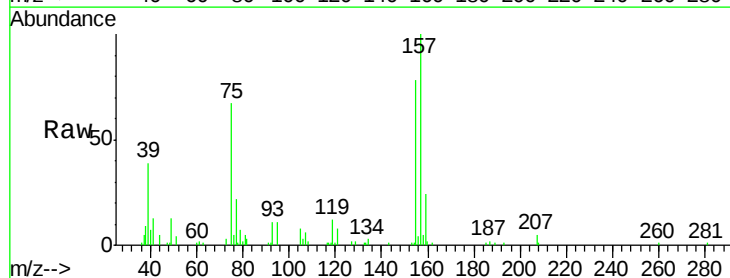
Instrument :
 MSVOA_Y
 ClientSampleId :

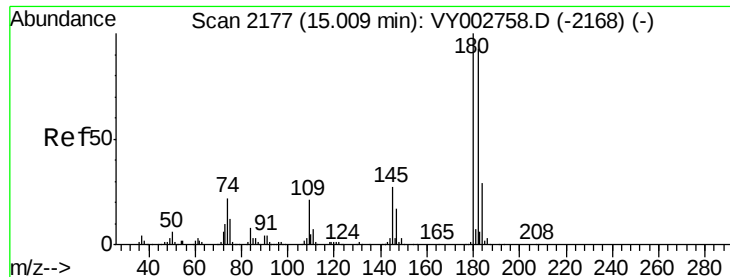
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.274 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.3	53.5	160.5
157	143.8	69.9	209.7

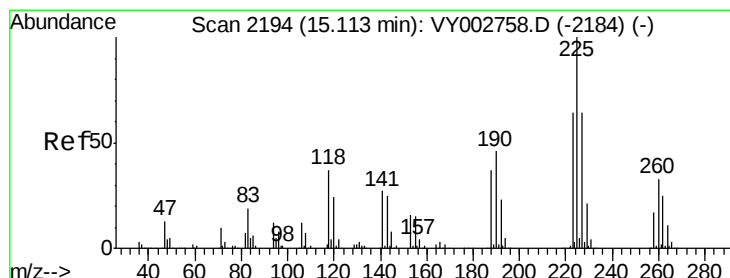
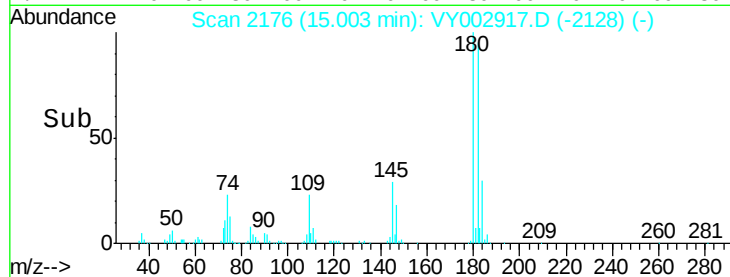
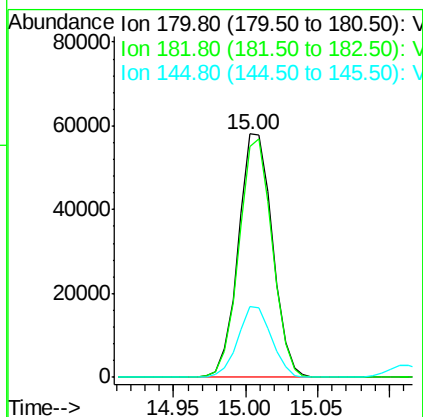
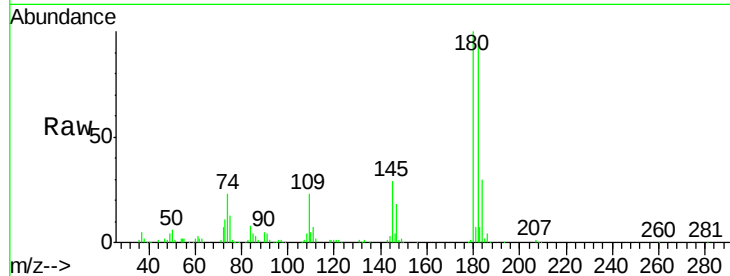




#93
 1,2,4-Trichlorobenzene
 Concen: 21.821 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

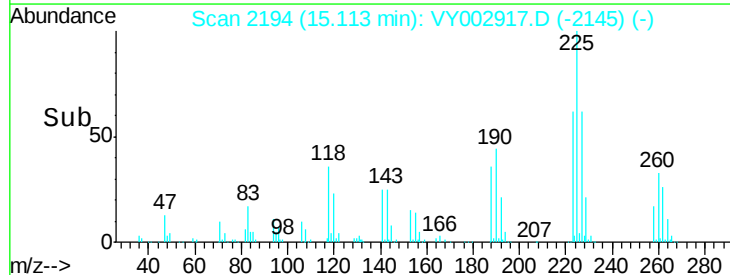
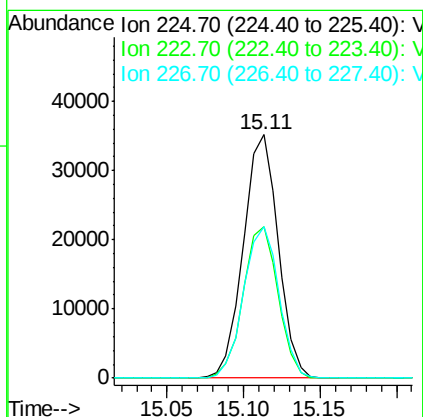
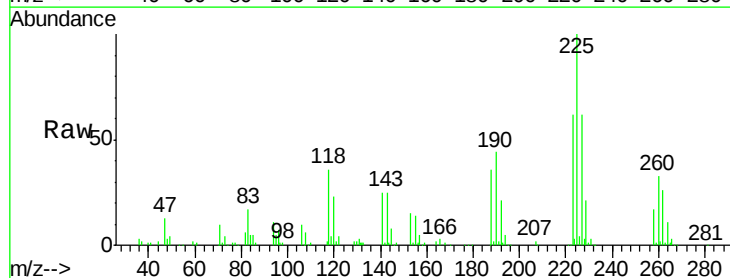
Instrument :
 MSVOA_Y
 ClientSampleId :

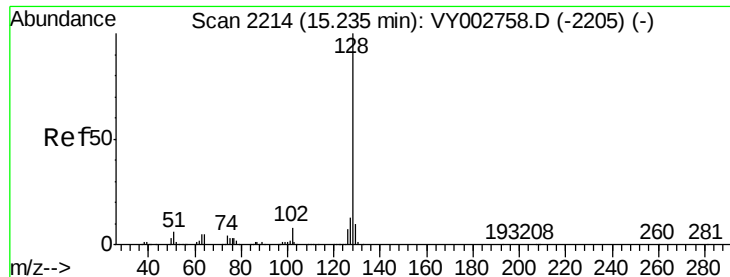
Tot Ion:180 Resp: 95194
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 141.9
 145 28.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 22.502 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002917.D
 Acq: 18 Jun 2020 14:01

Tgt Ion:225 Resp: 55676
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.2 32.3 96.9





#95

Naphthalene

Concen: 21.116 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

Instrument :

MSVOA_Y

ClientSampled :

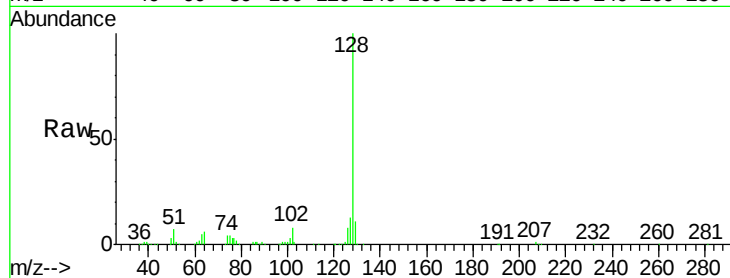
Tot Ion:128 Resp: 184701

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

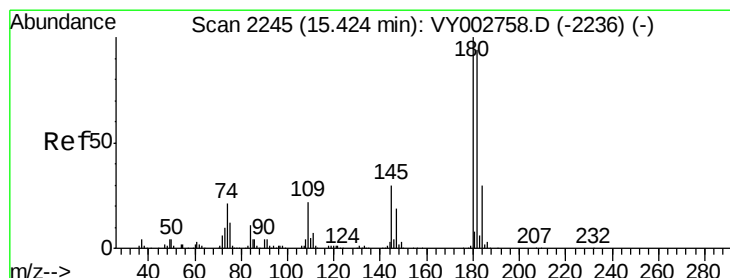
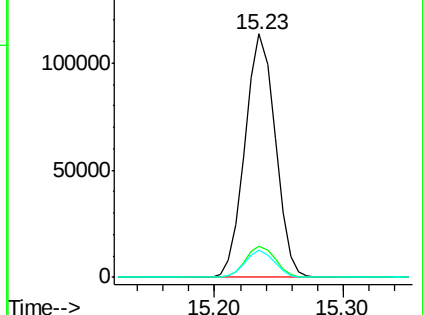
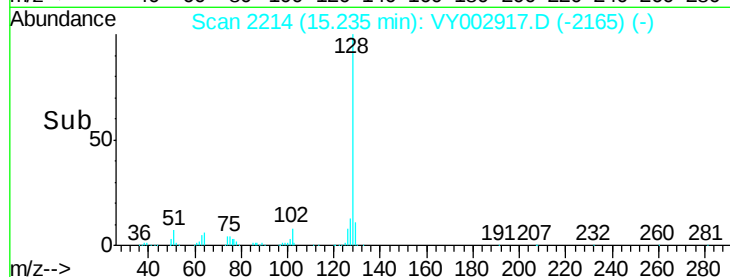
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.579 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002917.D

Acq: 18 Jun 2020 14:01

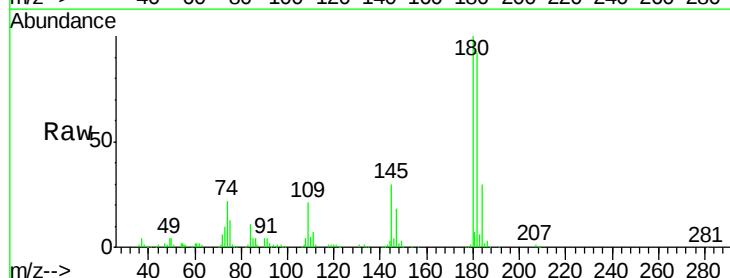
Tgt Ion:180 Resp: 84066

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.4

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

