

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002654.D
 Acq On : 11 May 2020 11:38
 Operator : SY/MD
 Sample : VY0511SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 15:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	392166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	578616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	513450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	153388	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	7.74	113	172385	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.19	98	677704	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.49	95	229039	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	45524	15.332	ug/l	97
3) Chloromethane	2.12	50	56458	17.769	ug/l	99
4) Vinyl Chloride	2.26	62	65147	17.757	ug/l	99
5) Bromomethane	2.65	94	46491	18.376	ug/l	95
6) Chloroethane	2.80	64	40745	18.600	ug/l	93
7) Trichlorofluoromethane	3.14	101	109328	19.227	ug/l	98
8) Diethyl Ether	3.55	74	36409	19.054	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69378	19.964	ug/l	98
10) Methyl Iodide	4.11	142	88484	18.689	ug/l	99
11) Tert butyl alcohol	4.98	59	30189	88.988	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	67094	19.874	ug/l	96
13) Acrolein	3.75	56	15670	66.797	ug/l	98
14) Allyl chloride	4.50	41	99954	20.321	ug/l	98
15) Acrylonitrile	5.20	53	81817	90.798	ug/l	99
16) Acetone	3.97	43	56670	83.276	ug/l	96
17) Carbon Disulfide	4.22	76	177949	17.521	ug/l	99
18) Methyl Acetate	4.50	43	40589	17.851	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	168948	19.182	ug/l	97
20) Methylene Chloride	4.74	84	73969	19.437	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	74112	20.085	ug/l	98
22) Diisopropyl ether	6.15	45	205988	20.697	ug/l	95
23) Vinyl Acetate	6.09	43	593027	94.745	ug/l	100
24) 1,1-Dichloroethane	6.05	63	122358	20.781	ug/l	98
25) 2-Butanone	7.02	43	96720	86.826	ug/l	99
26) 2,2-Dichloropropane	7.01	77	114507	20.460	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	83467	20.444	ug/l	100
28) Bromochloromethane	7.36	49	48739	20.203	ug/l	99
29) Tetrahydrofuran	7.37	42	65965	89.503	ug/l	99
30) Chloroform	7.53	83	123905	20.239	ug/l	97
31) Cyclohexane	7.81	56	113448	19.142	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	115251	20.254	ug/l	100
36) 1,1-Dichloropropene	7.94	75	97428	20.086	ug/l	99
37) Ethyl Acetate	7.10	43	44320	17.781	ug/l	99
38) Carbon Tetrachloride	7.92	117	105753	19.970	ug/l	100

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 QLast Update : Mon May 04 12:22:08 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	127546	19.908	ug/l	99
40) Benzene	8.18	78	287597	20.529	ug/l	99
41) Methacrylonitrile	7.37	41	60868	45.417	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	74600	18.984	ug/l	99
43) Isopropyl Acetate	8.29	43	87682	18.764	ug/l	100
44) Trichloroethene	8.96	130	91733	20.952	ug/l	97
45) 1,2-Dichloropropane	9.23	63	69539	20.567	ug/l	100
46) Dibromomethane	9.32	93	37273	19.160	ug/l	98
47) Bromodichloromethane	9.51	83	94925	20.068	ug/l	99
48) Methyl methacrylate	9.31	41	38758	18.327	ug/l	99
49) 1,4-Dioxane	9.31	88	10334	401.206	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	227359	94.395	ug/l	99
52) Toluene	10.25	92	183381	20.368	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	97775	19.728	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114227	19.937	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	55747	19.651	ug/l	98
56) Ethyl methacrylate	10.52	69	72523	19.217	ug/l	97
57) 1,3-Dichloropropane	10.80	76	93888	19.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	196368	98.667	ug/l	100
59) 2-Hexanone	10.84	43	151333	91.287	ug/l	100
60) Dibromochloromethane	11.00	129	71598	19.843	ug/l	99
61) 1,2-Dibromoethane	11.10	107	53872	19.178	ug/l	98
64) Tetrachloroethene	10.73	164	103516	22.691	ug/l	98
65) Chlorobenzene	11.52	112	204401	20.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	75379	20.805	ug/l	98
67) Ethyl Benzene	11.60	91	360966	21.053	ug/l	100
68) m/p-Xylenes	11.71	106	280302	42.253	ug/l	100
69) o-Xylene	12.03	106	132012	21.253	ug/l	98
70) Styrene	12.05	104	224348	21.128	ug/l	99
71) Bromoform	12.22	173	44887	19.960	ug/l #	99
73) Isopropylbenzene	12.34	105	363271	21.196	ug/l	99
74) N-amyl acetate	12.15	43	80556	19.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48730	17.879	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	81988	34.889	ug/l #	100
77) Bromobenzene	12.61	156	89555	20.915	ug/l	99
78) n-propylbenzene	12.68	91	422128	21.225	ug/l	100
79) 2-Chlorotoluene	12.77	91	231726	21.034	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	302361	21.284	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	21863	18.655	ug/l	97
82) 4-Chlorotoluene	12.86	91	242604	20.964	ug/l	99
83) tert-Butylbenzene	13.08	119	270849	21.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	302635	21.375	ug/l	99
85) sec-Butylbenzene	13.26	105	372957	21.577	ug/l	99
86) p-Isopropyltoluene	13.38	119	347197	21.438	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	170254	21.009	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	168430	20.989	ug/l	99
89) n-Butylbenzene	13.70	91	317649	21.545	ug/l	100
90) Hexachloroethane	13.97	117	63122	21.402	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	151888	21.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9677	19.046	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

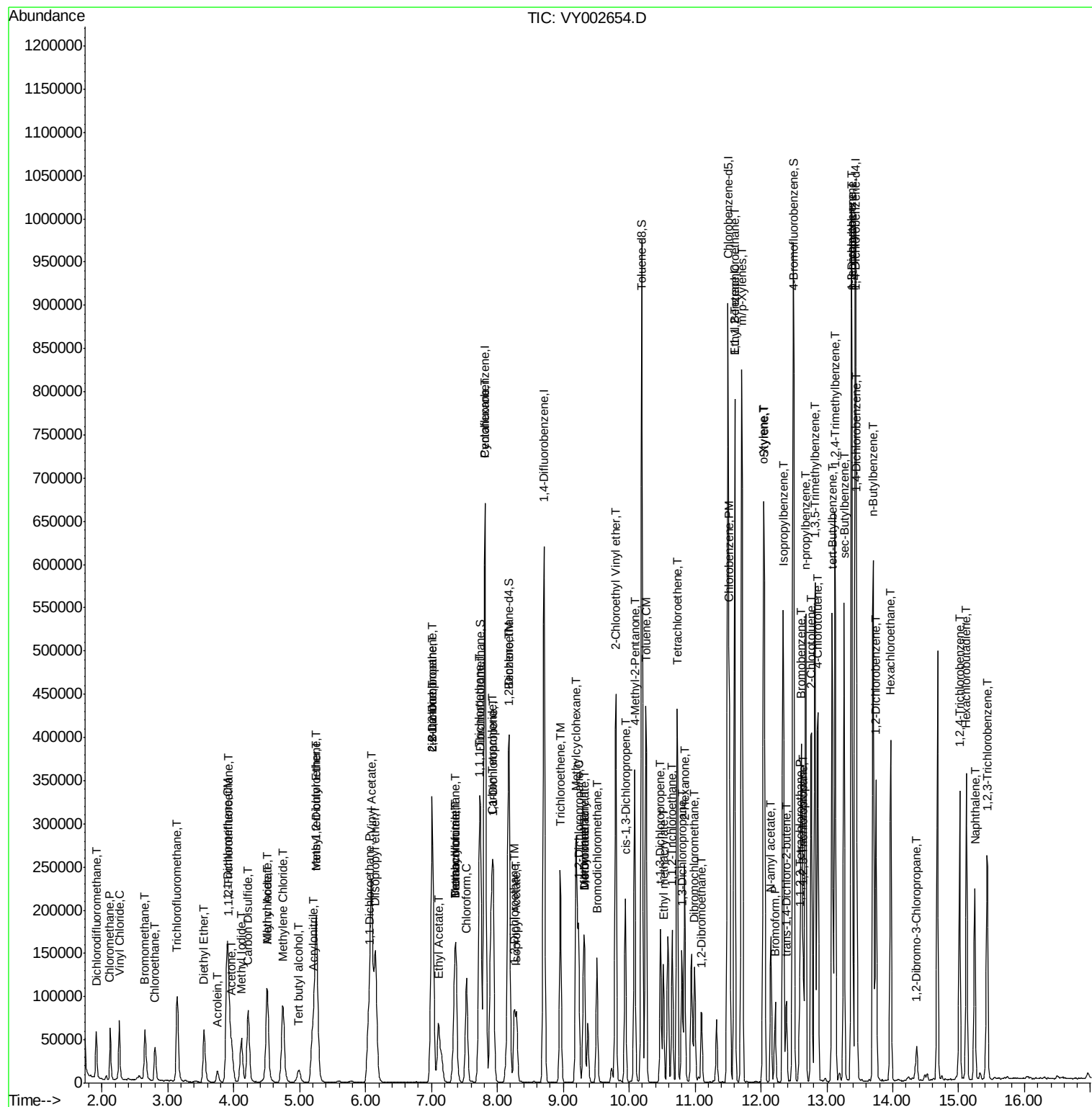
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111340	21.208	ug/l	100
94) Hexachlorobutadiene	15.12	225	70234	22.287	ug/l	98
95) Naphthalene	15.25	128	187253	19.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	92432	20.739	ug/l	99

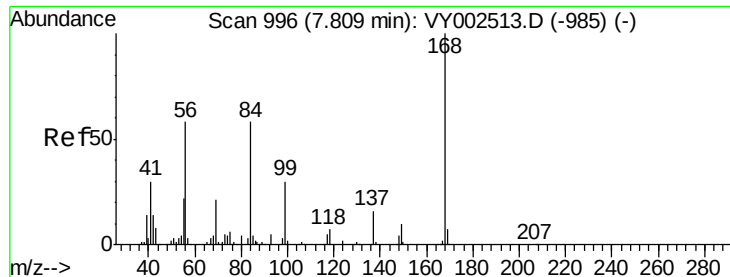
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

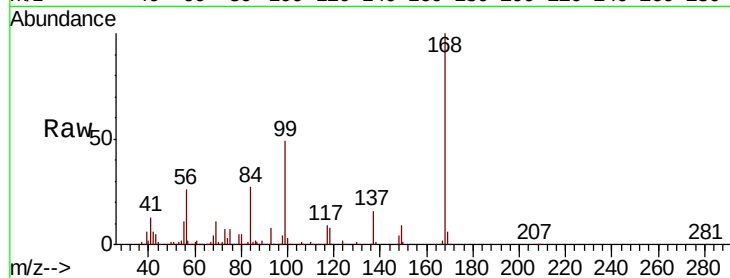
ClientSampleId :

Tot Ion:168 Resp: 392166

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002654.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002654.D (-985) (-)

7.81

150000

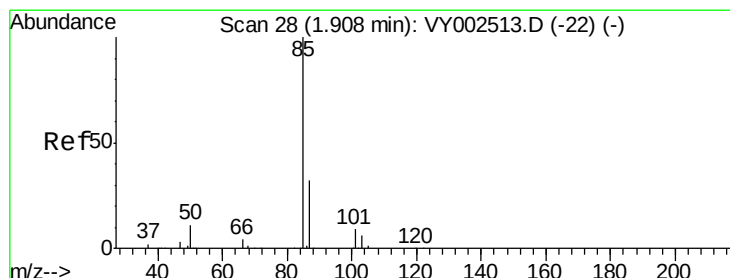
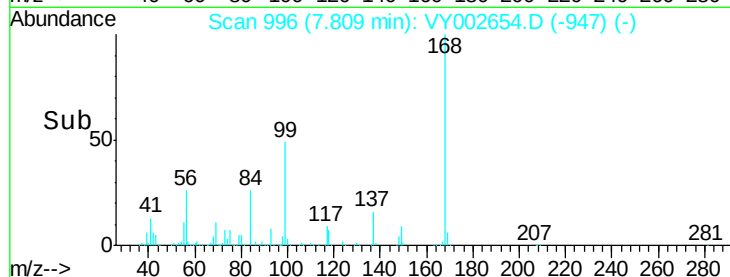
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 15.332 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002654.D

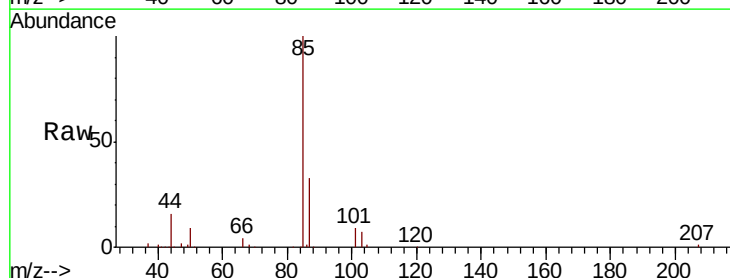
Acq: 11 May 2020 11:38

Tgt Ion: 85 Resp: 45524

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002654.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002654.D (-1) (-)

1.91

30000

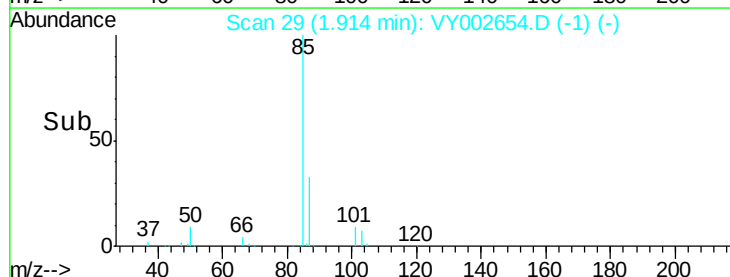
20000

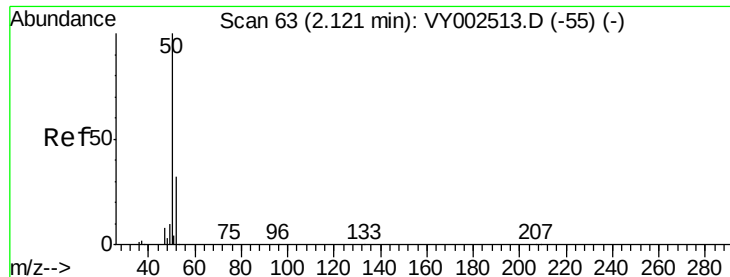
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.769 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

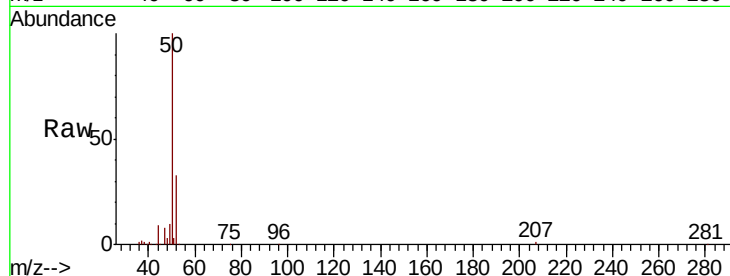
ClientSampleId :

Tot Ion: 50 Resp: 56458

Ion Ratio Lower Upper

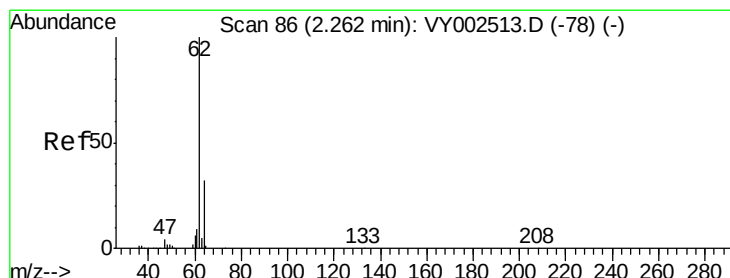
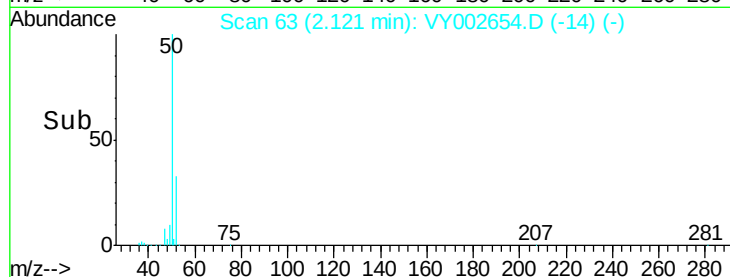
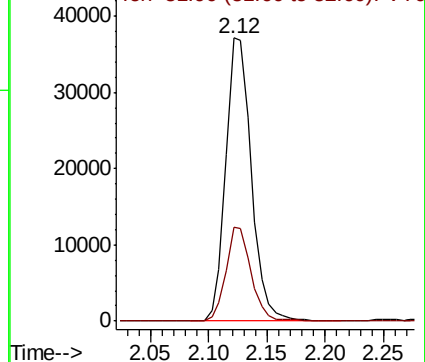
50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 17.757 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002654.D

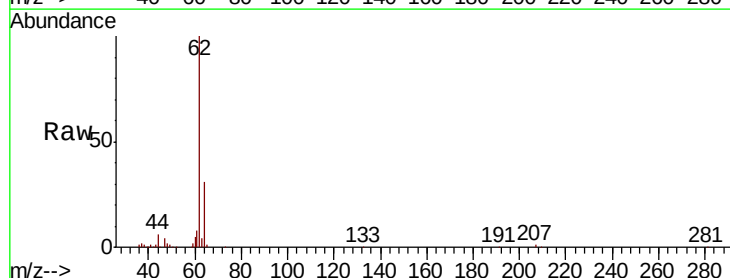
Acq: 11 May 2020 11:38

Tgt Ion: 62 Resp: 65147

Ion Ratio Lower Upper

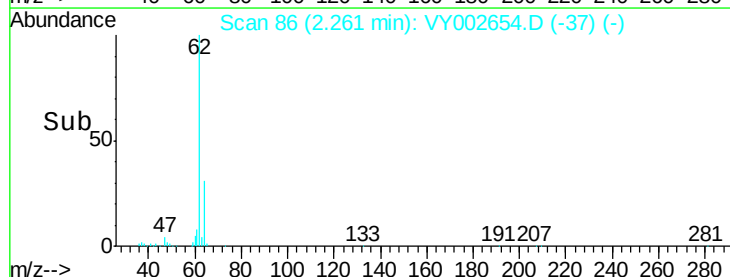
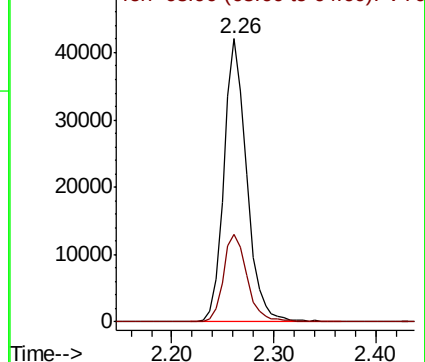
62 100

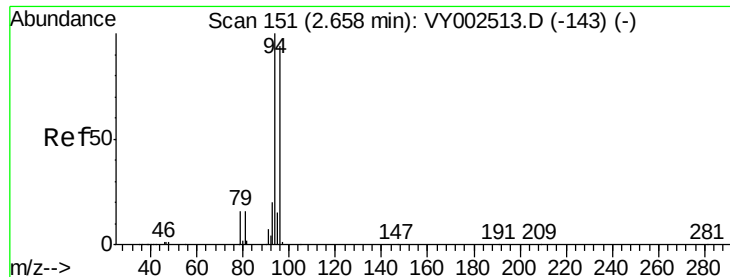
64 31.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.376 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

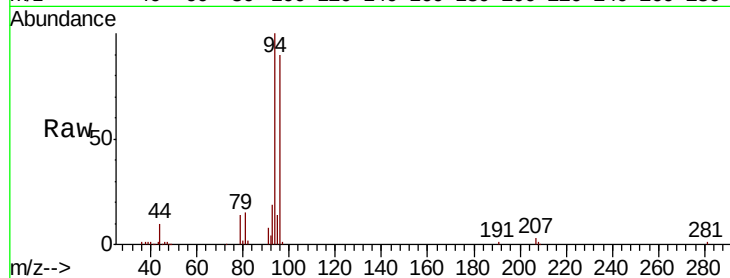
ClientSampleId :

Tot Ion: 94 Resp: 46491

Ion Ratio Lower Upper

94 100

96 88.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY002654.D (-150) (-)

Ion 95.90 (95.60 to 96.60): VY002654.D (-150) (-)

2.65

20000

15000

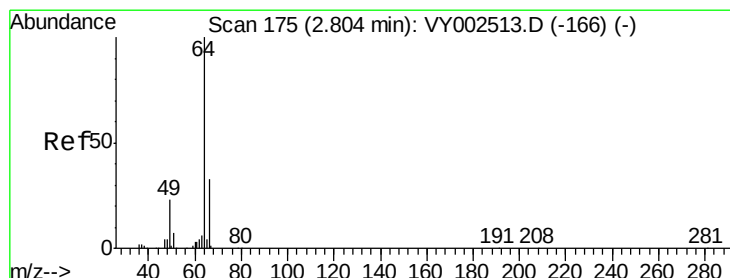
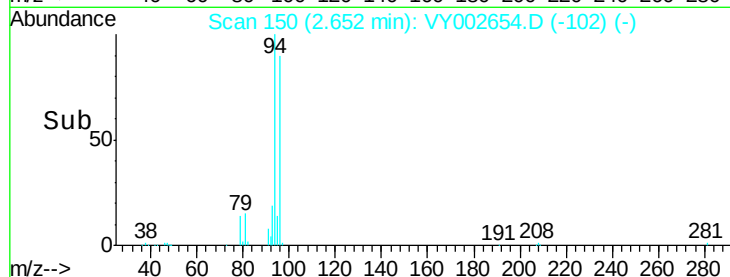
10000

5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 18.600 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002654.D

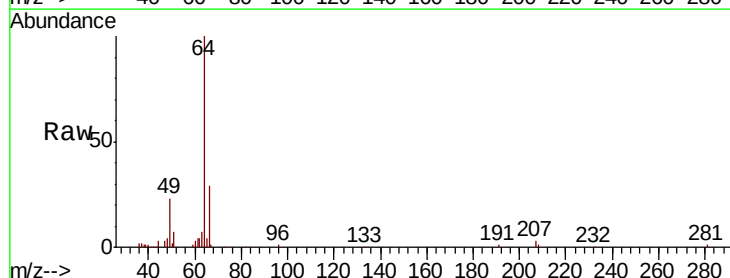
Acq: 11 May 2020 11:38

Tgt Ion: 64 Resp: 40745

Ion Ratio Lower Upper

64 100

66 28.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY002654.D (-126) (-)

Ion 65.90 (65.60 to 66.60): VY002654.D (-126) (-)

2.80

20000

15000

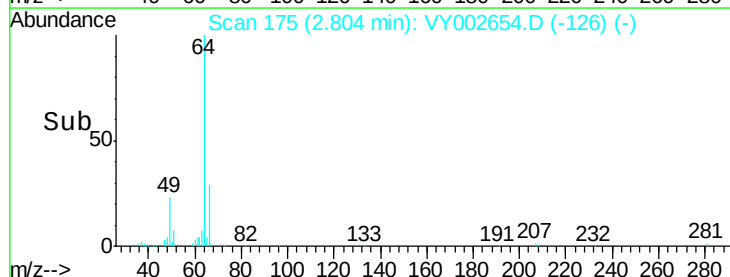
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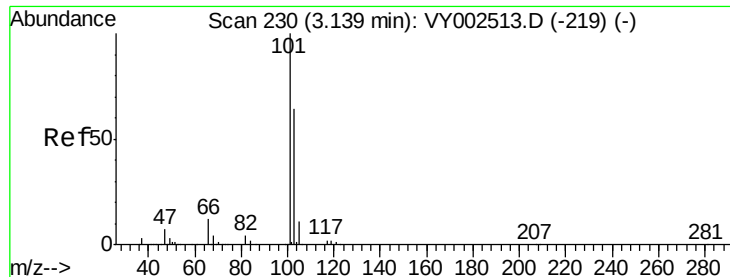
5000

0

2.70 2.80 2.90

Time-->



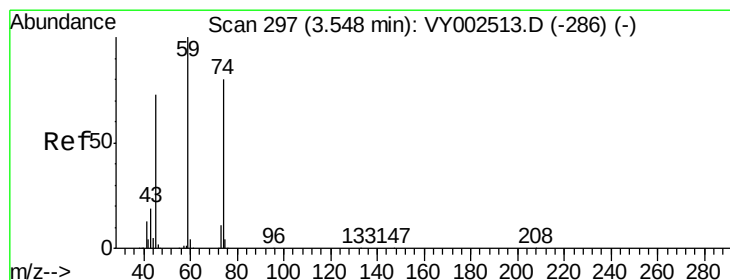
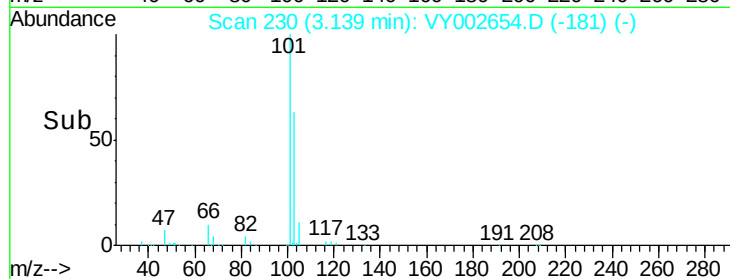
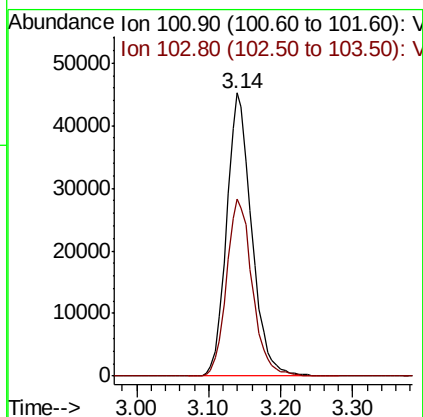
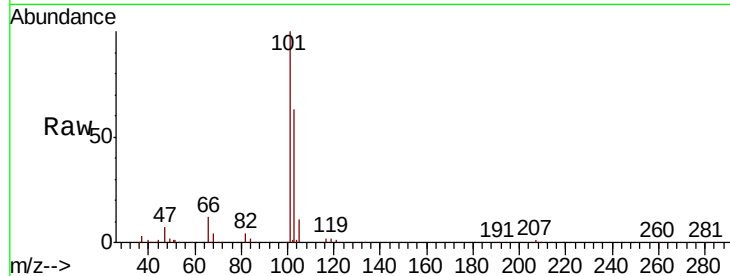


#7

Trichlorofluoromethane
Concen: 19.227 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

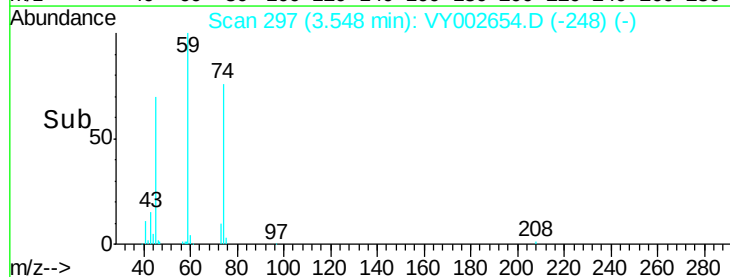
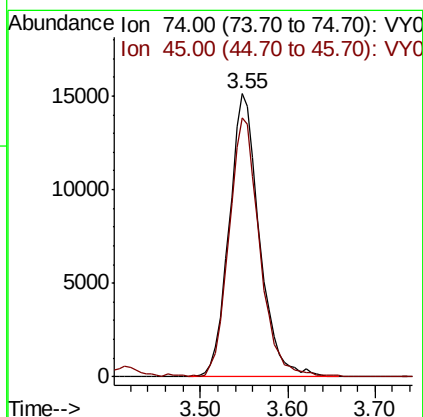
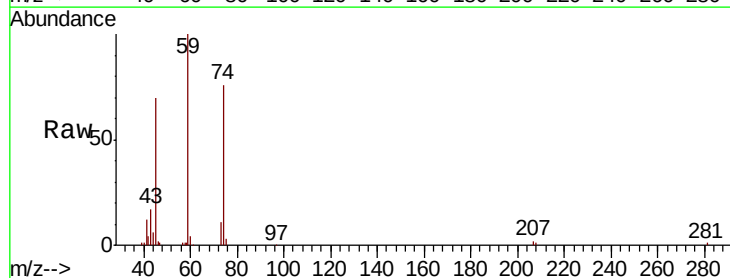
Tot Ion:101 Resp: 109328
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.0

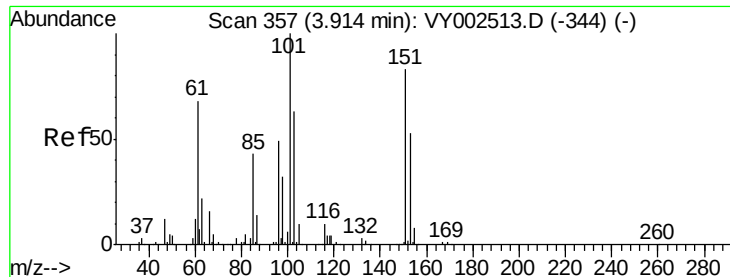


#8

Diethyl Ether
Concen: 19.054 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 74 Resp: 36409
Ion Ratio Lower Upper
74 100
45 92.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.964 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampled :

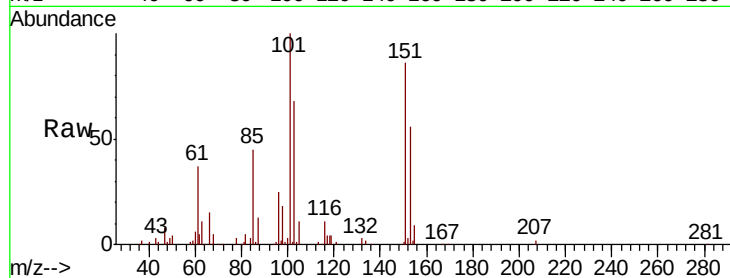
Tot Ion:101 Resp: 69378

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

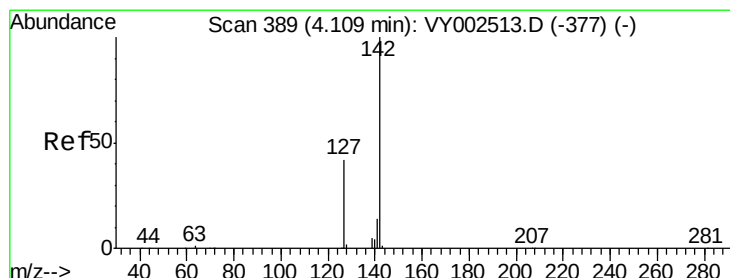
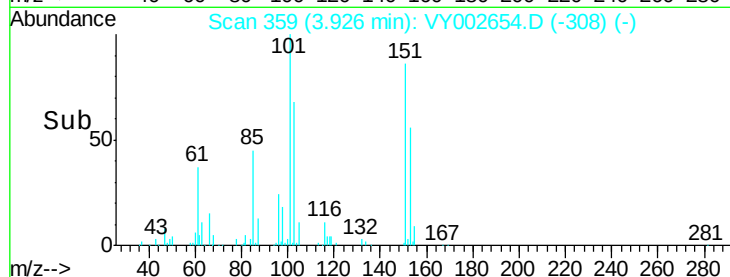
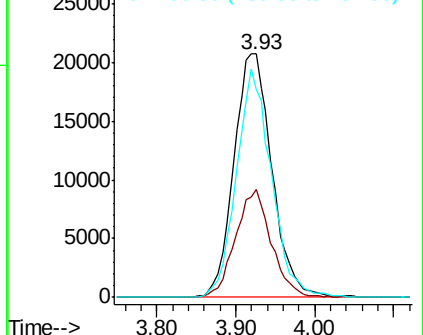
151 86.4 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.689 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

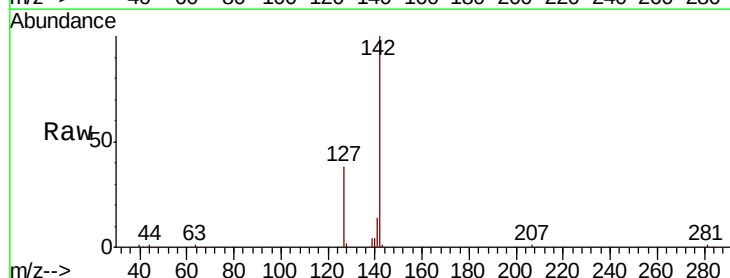
Tgt Ion:142 Resp: 88484

Ion Ratio Lower Upper

142 100

127 41.1 33.7 50.5

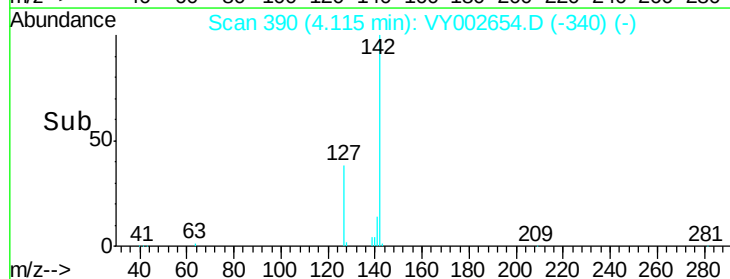
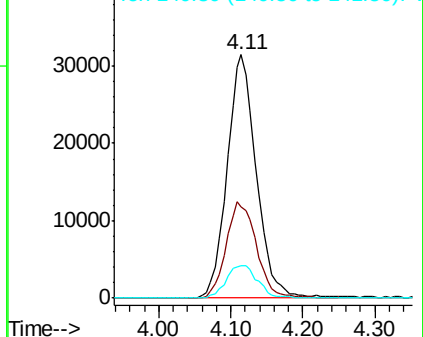
141 14.5 11.4 17.0

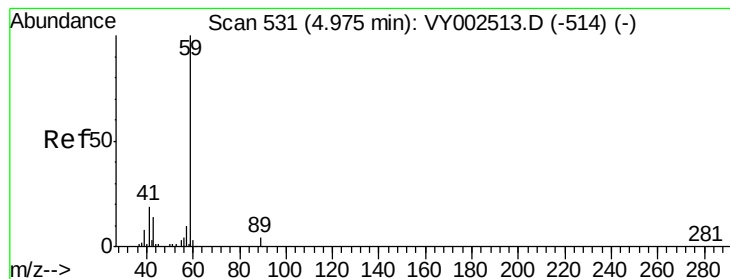


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



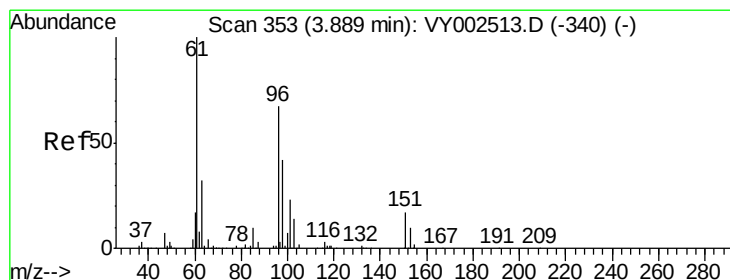
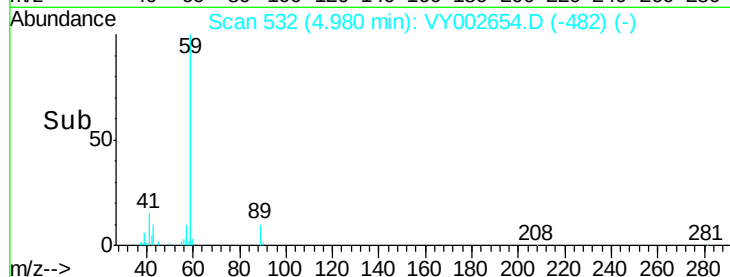
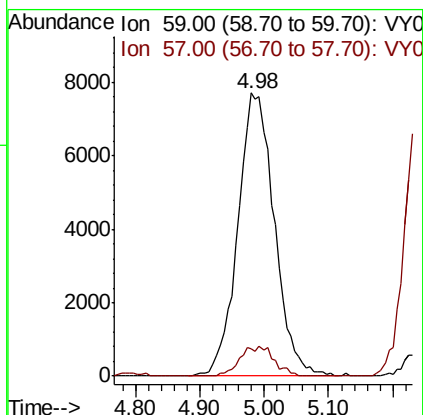
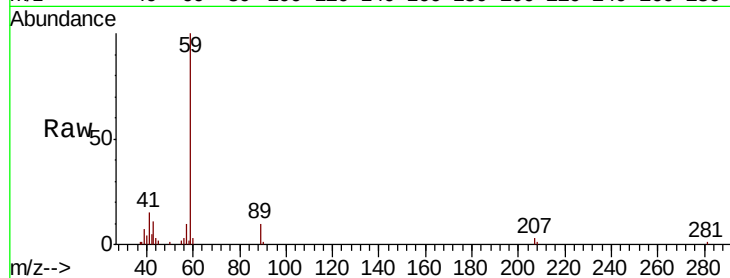


#11

Tert butyl alcohol
 Concen: 88.988 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :

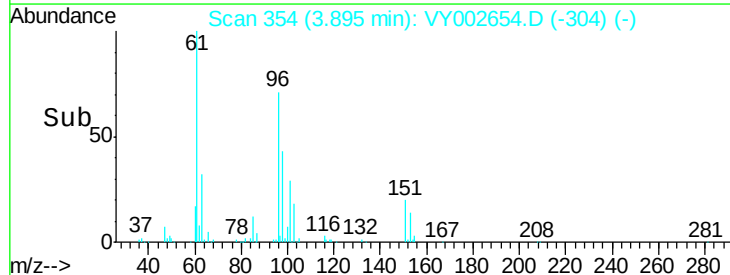
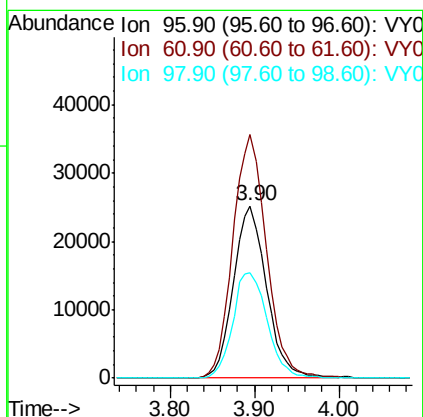
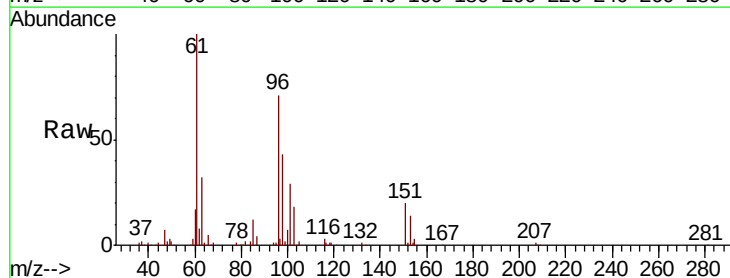
Tot Ion: 59 Resp: 30189
 Ion Ratio Lower Upper
 59 100
 57 5.0 7.8 11.6#

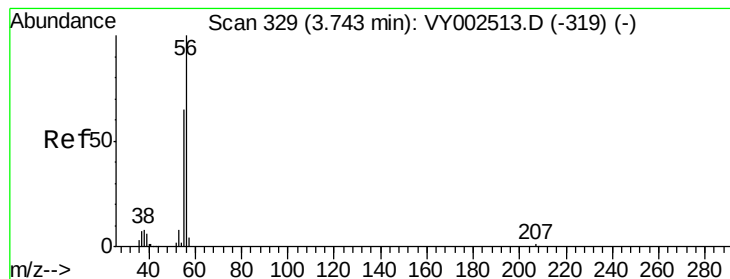


#12

1,1-Dichloroethene
 Concen: 19.874 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 96 Resp: 67094
 Ion Ratio Lower Upper
 96 100
 61 141.5 118.8 178.2
 98 61.3 49.6 74.4





#13

Acrolein

Concen: 66.797 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

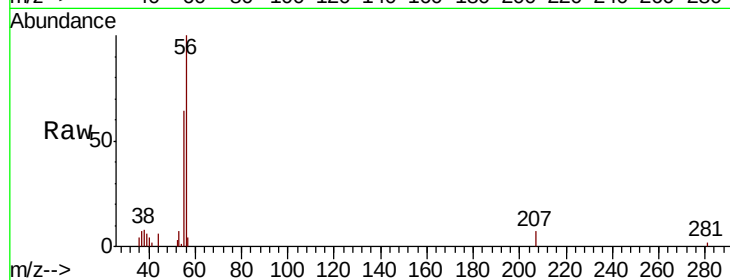
ClientSampleId :

Tot Ion: 56 Resp: 15670

Ion Ratio Lower Upper

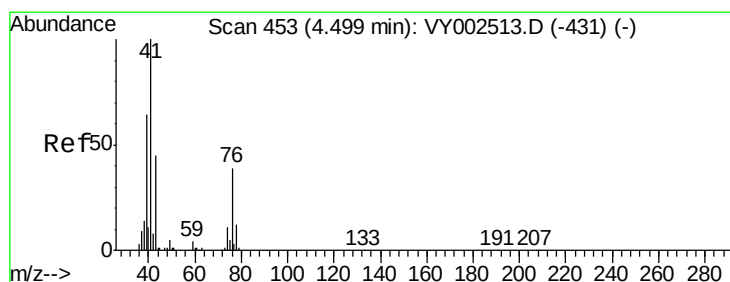
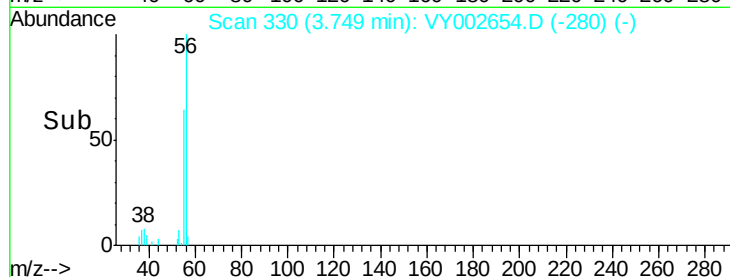
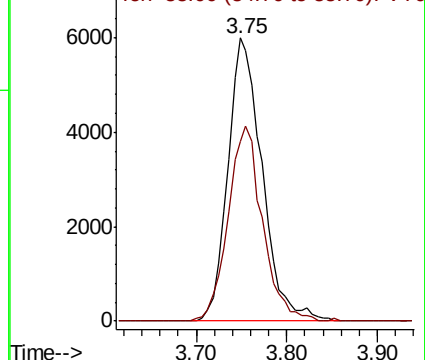
56 100

55 69.1 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.321 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

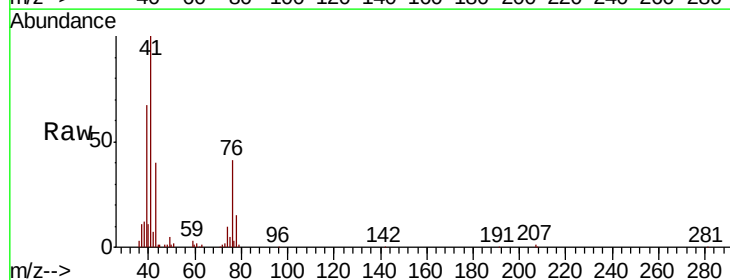
Tgt Ion: 41 Resp: 99954

Ion Ratio Lower Upper

41 100

39 62.5 51.8 77.6

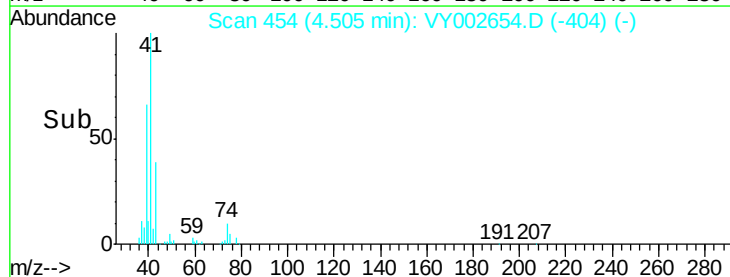
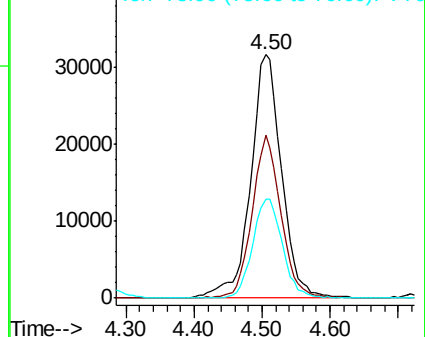
76 39.4 31.7 47.5

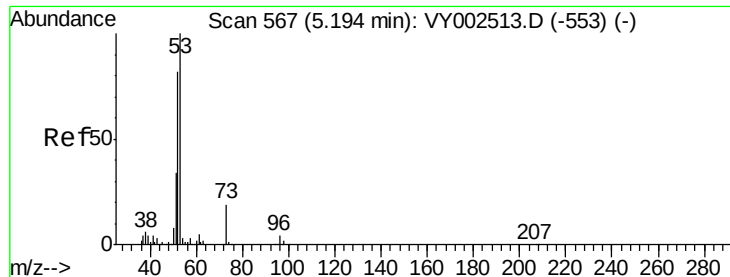


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 90.798 ug/l

RT: 5.20 min Scan# 568

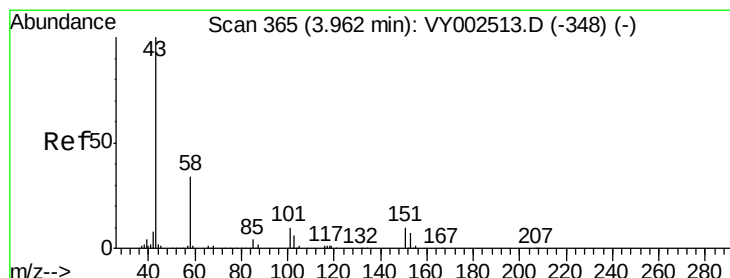
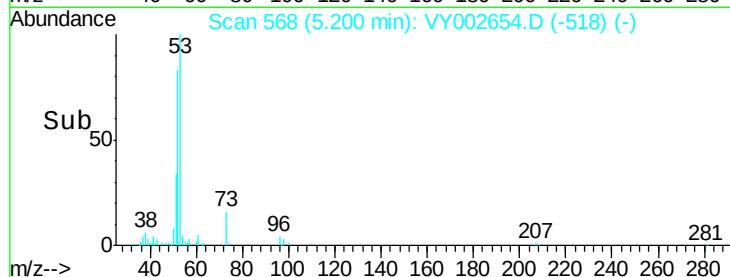
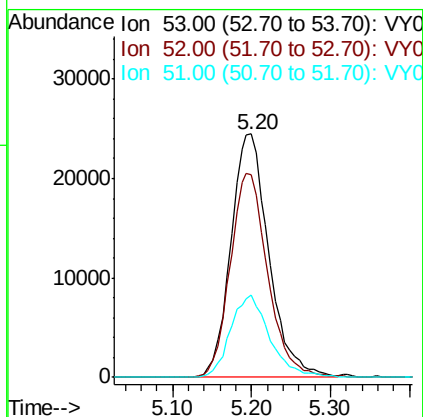
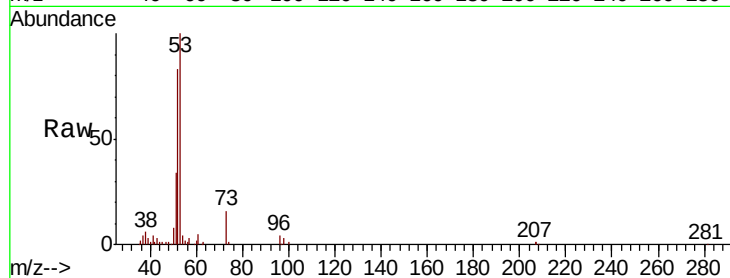
Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	81817
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.4	98.0
51	34.8	28.7	43.1



#16

Acetone

Concen: 83.276 ug/l

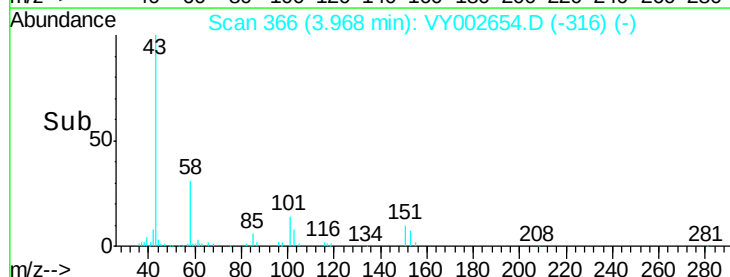
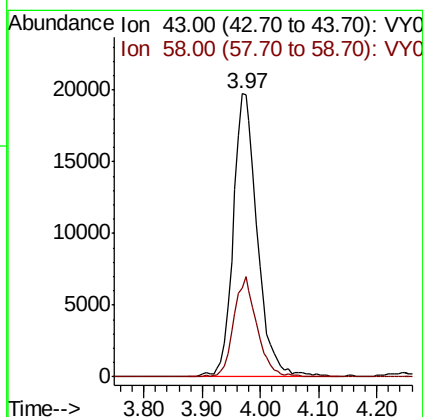
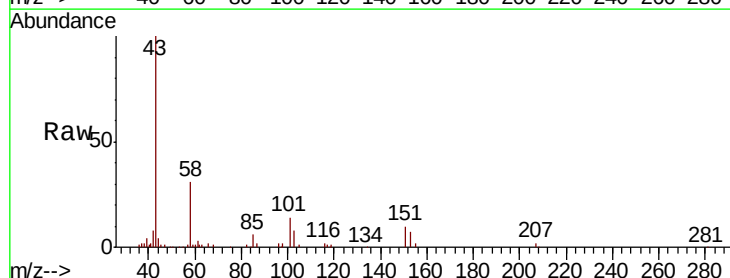
RT: 3.97 min Scan# 366

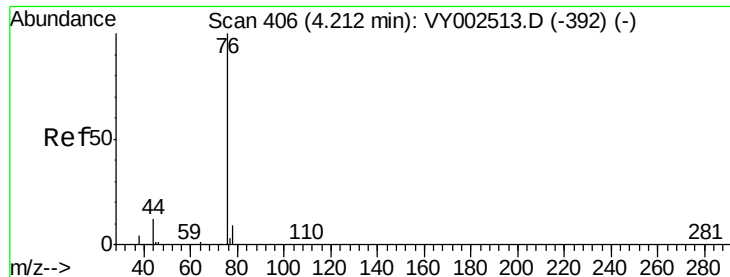
Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion:	43	Resp:	56670
Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.9	40.3

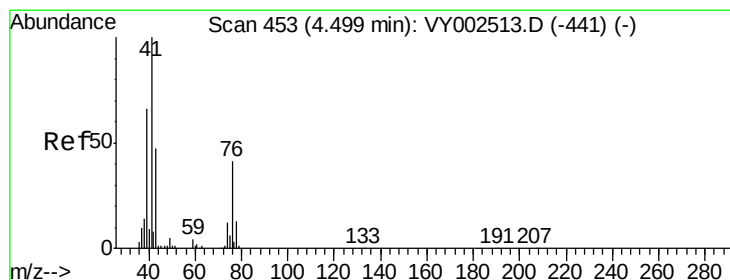
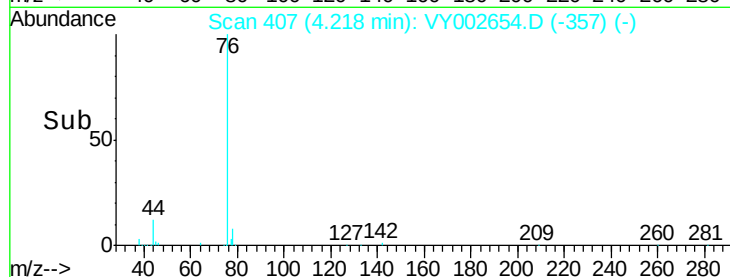
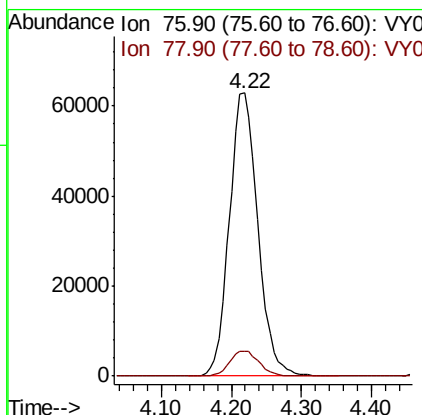
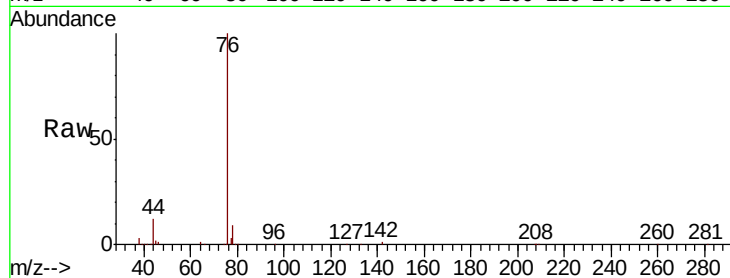




#17
Carbon Disulfide
Concen: 17.521 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

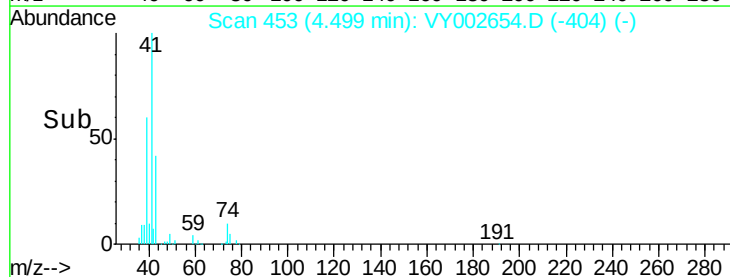
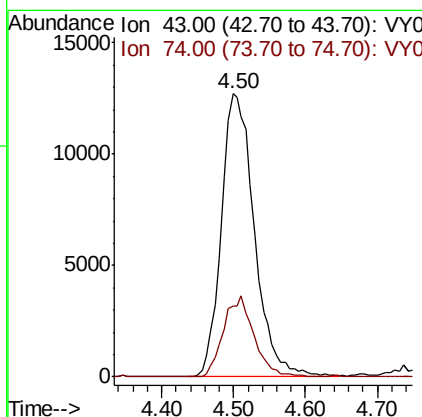
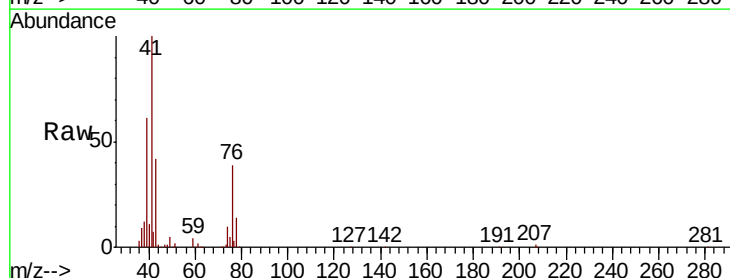
Instrument :
MSVOA_Y
ClientSampleId :

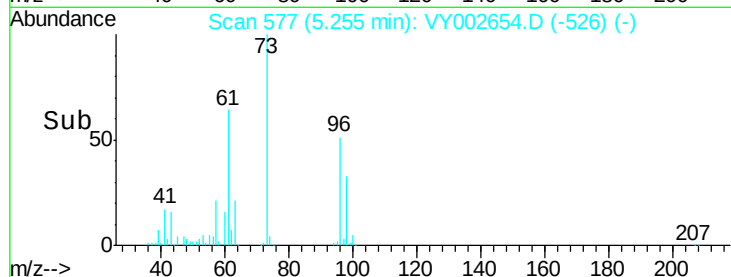
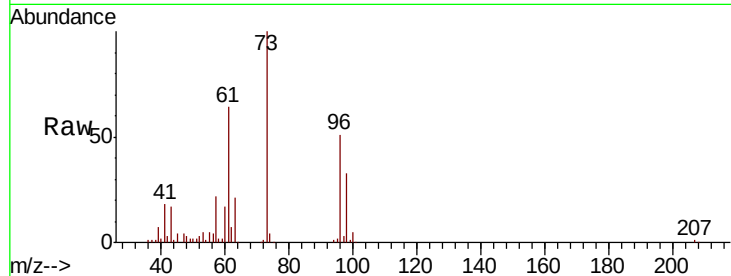
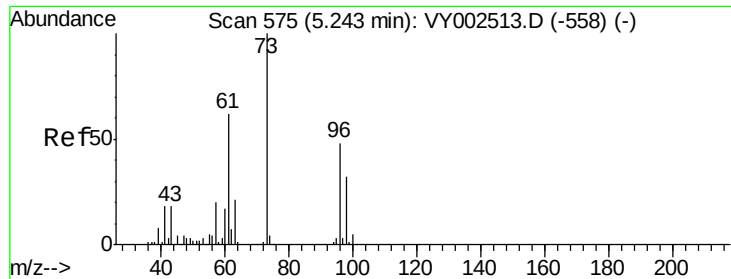
Tot Ion: 76 Resp: 177949
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 17.851 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 43 Resp: 40589
Ion Ratio Lower Upper
43 100
74 26.3 21.2 31.8



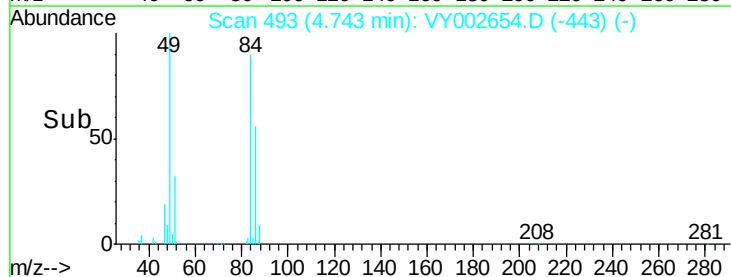
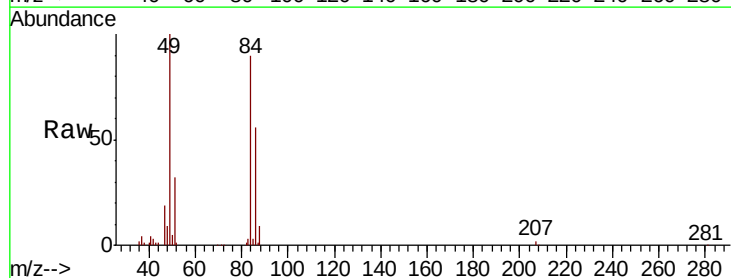
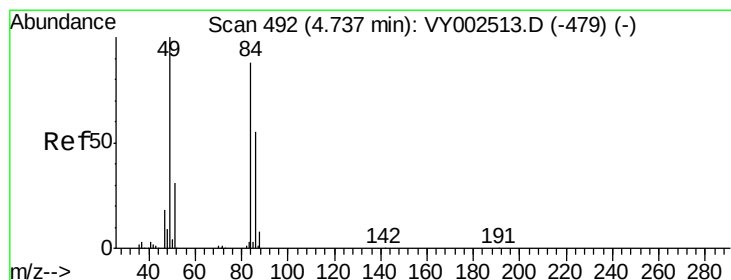
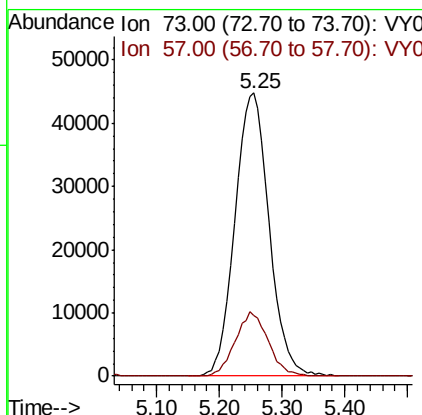


#19

Methyl tert-butyl Ether
 Concen: 19.182 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampled :

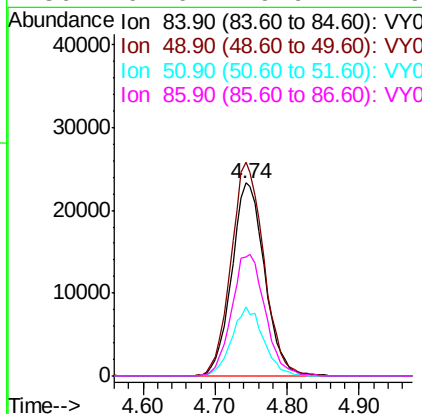
Tot Ion: 73 Resp: 168948
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.3 24.5

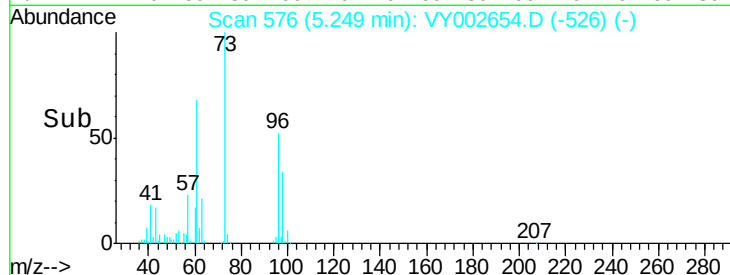
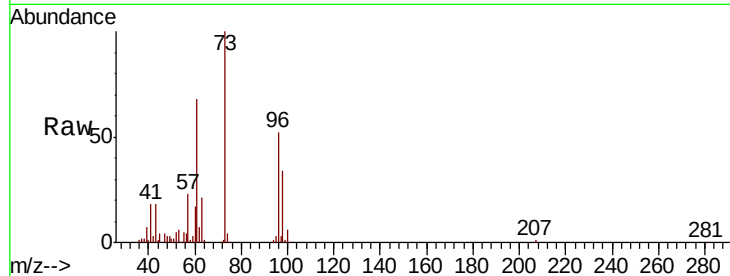
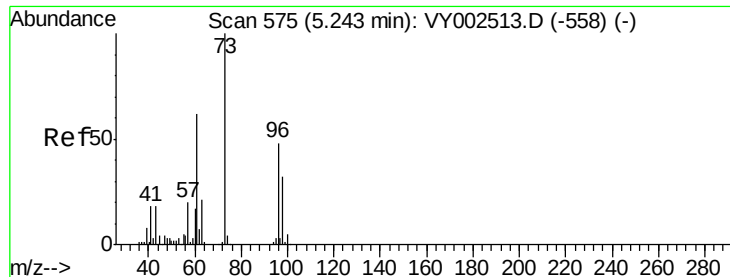


#20

Methylene Chloride
 Concen: 19.437 ug/l
 RT: 4.74 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 84 Resp: 73969
 Ion Ratio Lower Upper
 84 100
 49 110.7 90.5 135.7
 51 35.6 28.3 42.5
 86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.085 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

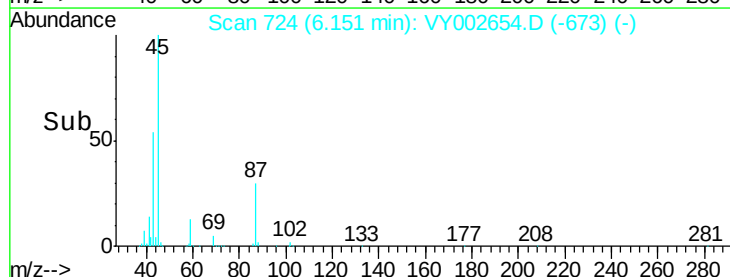
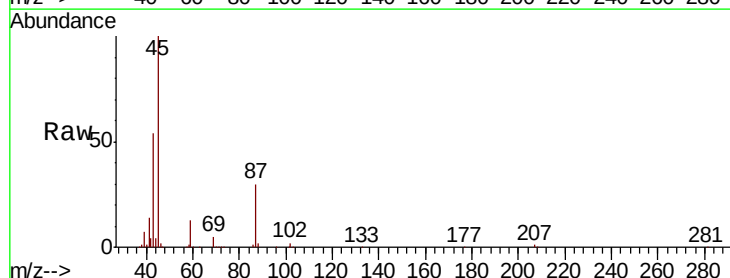
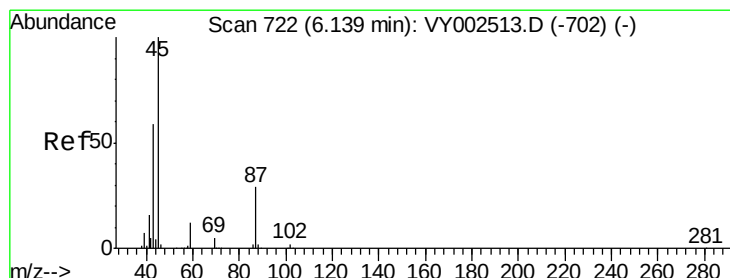
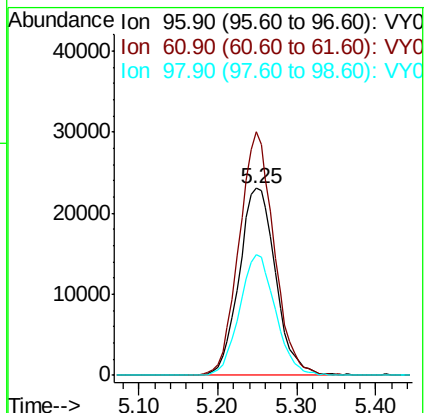
Tot Ion: 96 Resp: 74112

Ion Ratio Lower Upper

96 100

61 130.3 102.0 153.0

98 64.7 53.0 79.4



#22

Diisopropyl ether

Concen: 20.697 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion: 45 Resp: 205988

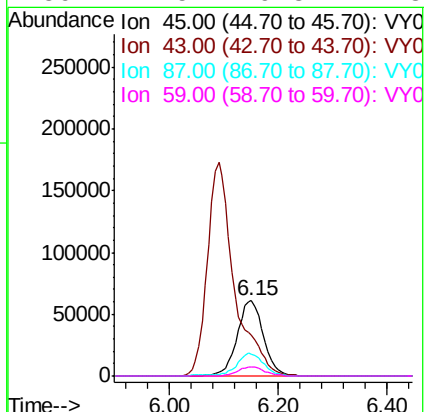
Ion Ratio Lower Upper

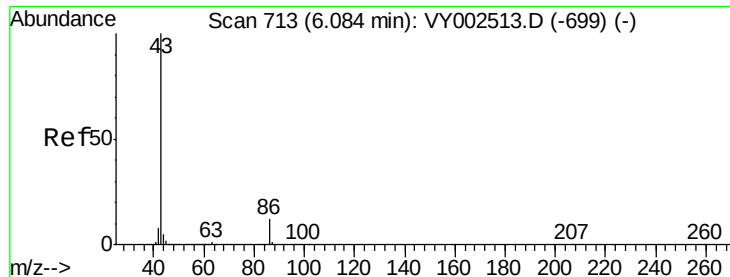
45 100

43 53.5 47.4 71.0

87 29.5 24.0 36.0

59 12.5 9.8 14.8





#23

Vinyl Acetate

Concen: 94.745 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

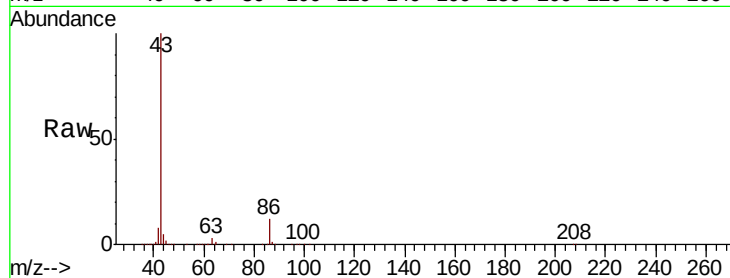
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 593027

Ion Ratio Lower Upper

43 100

86 12.1 9.8 14.6



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

6.09

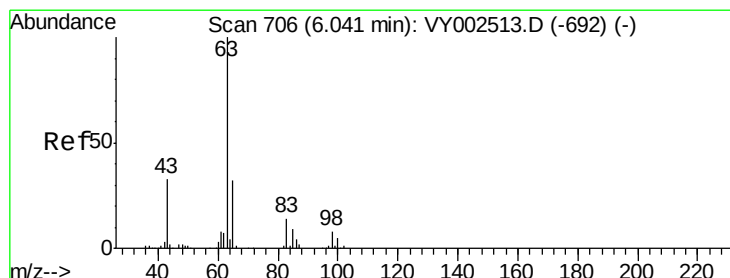
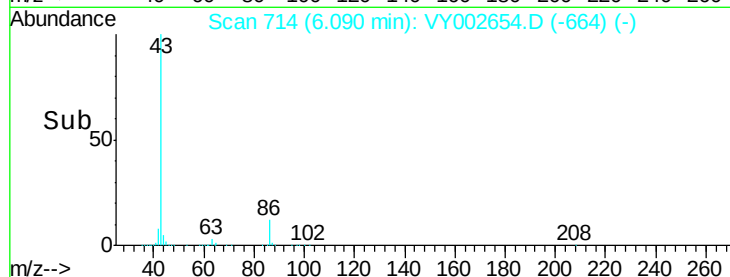
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.781 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

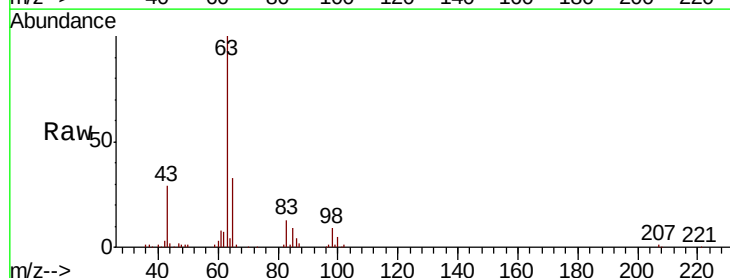
Tgt Ion: 63 Resp: 122358

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.7

100 5.2 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

40000

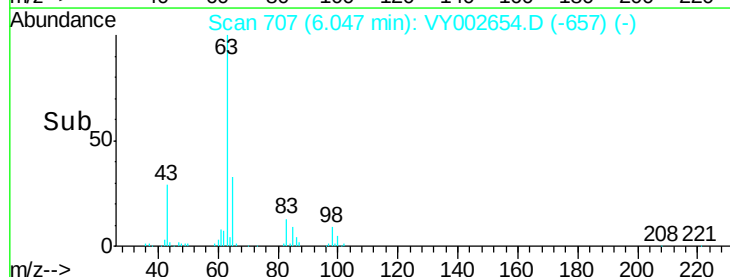
30000

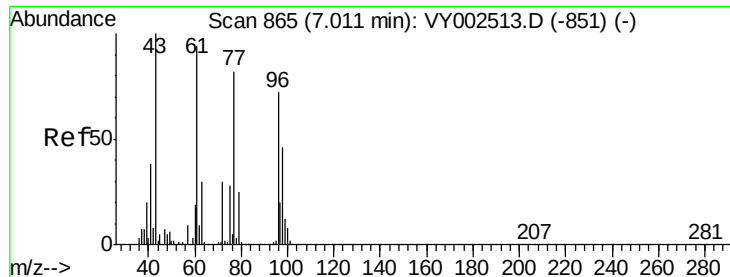
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

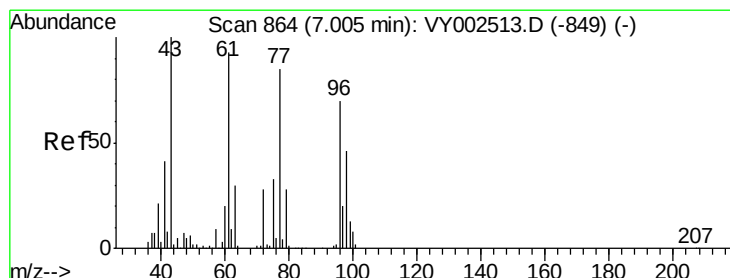
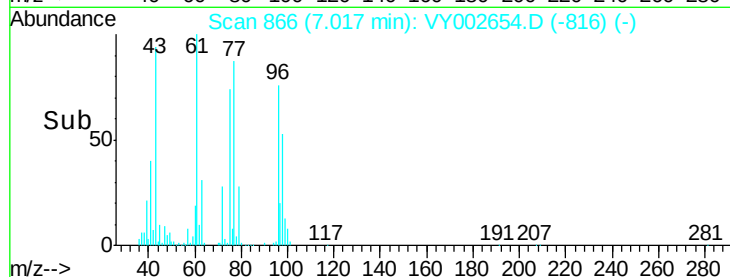
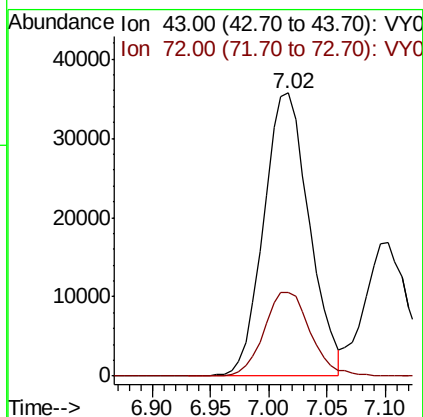
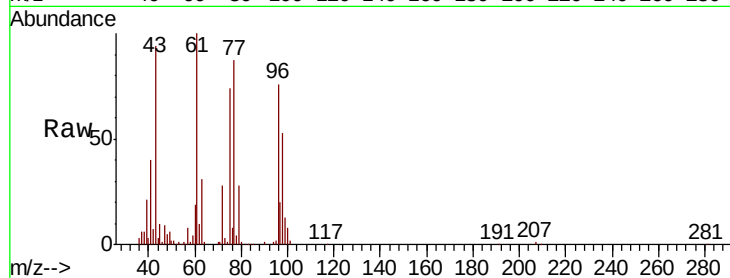




#25
2-Butanone
Concen: 86.826 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

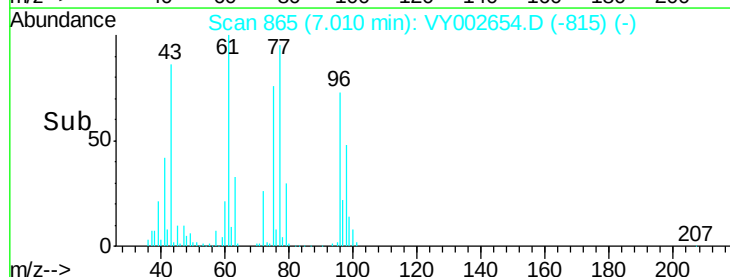
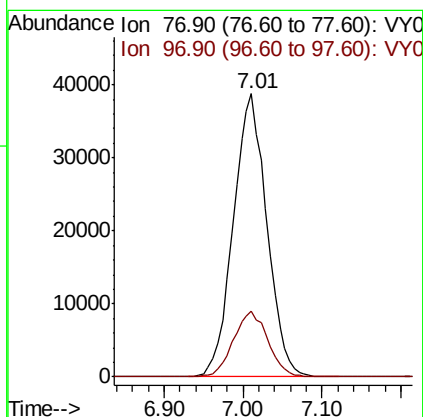
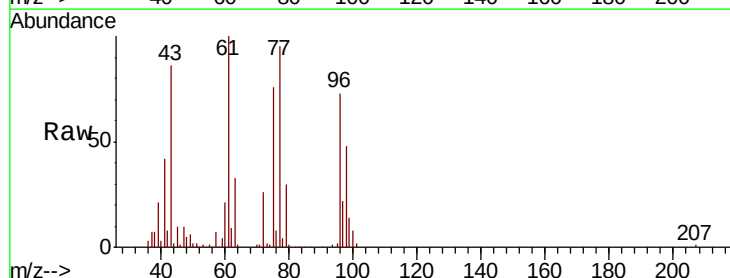
Instrument :
MSVOA_Y
ClientSampled :

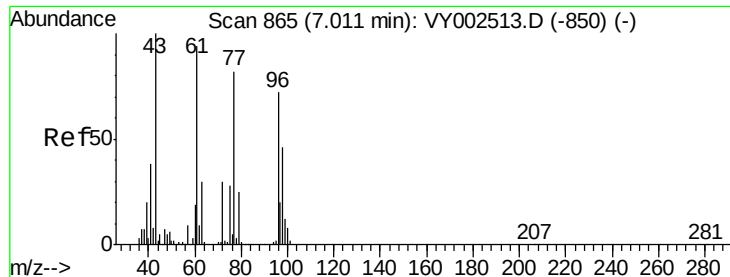
Tot Ion: 43 Resp: 96720
Ion Ratio Lower Upper
43 100
72 29.7 24.1 36.1



#26
2,2-Dichloropropane
Concen: 20.460 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 77 Resp: 114507
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5



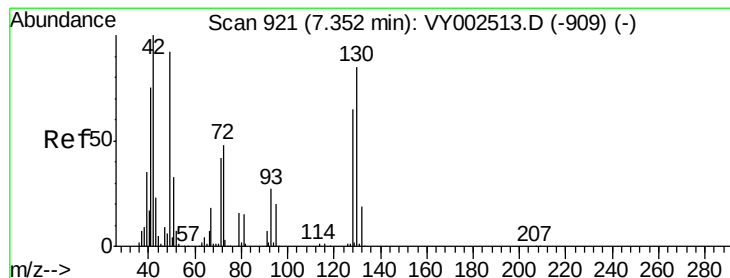
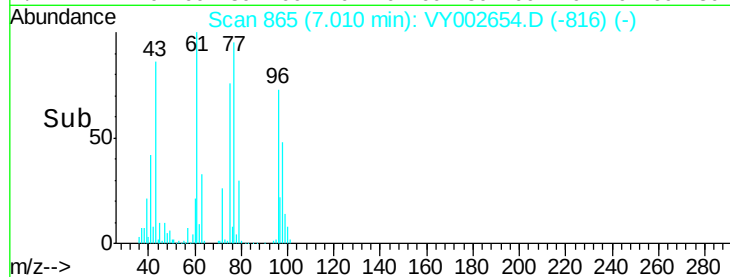
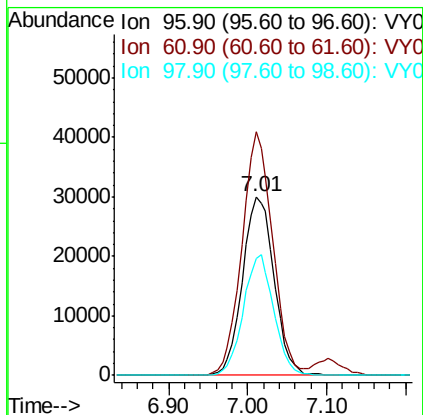
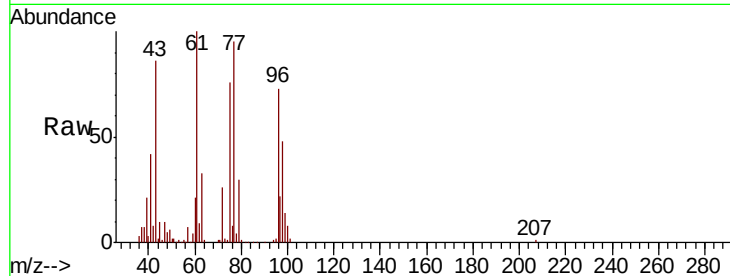


#27

cis-1,2-Dichloroethene
Concen: 20.444 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

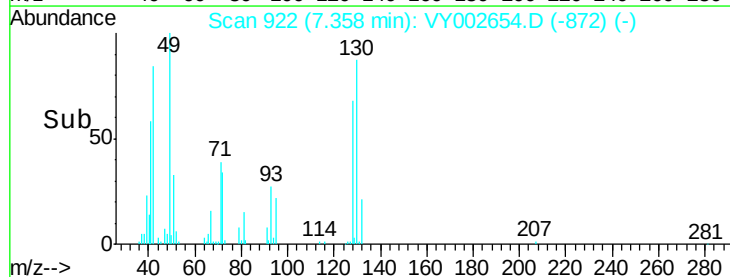
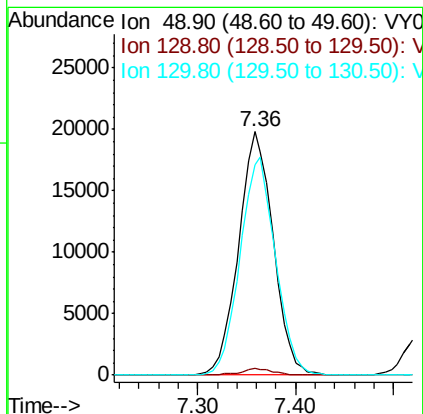
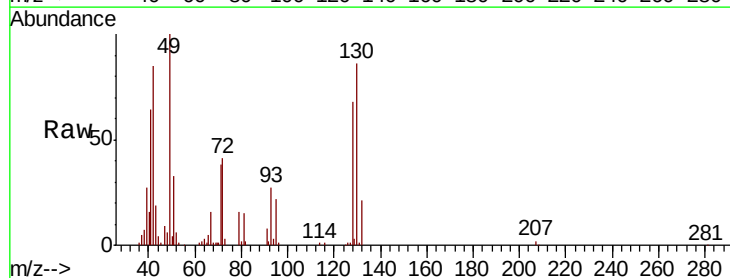
Tot Ion	96	Resp	83467
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	266.6
98	64.9	0.0	129.2

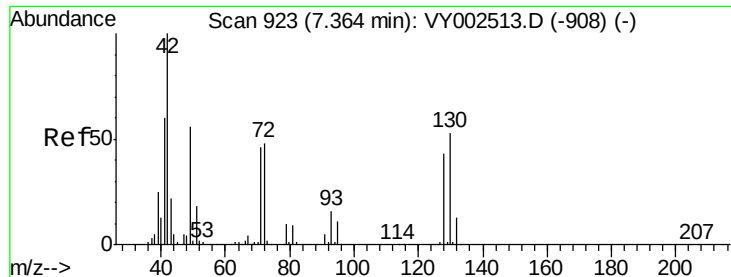


#28

Bromochloromethane
Concen: 20.203 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	49	Resp	48739
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	91.2	72.5	108.7





#29

Tetrahydrofuran

Concen: 89.503 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampled :

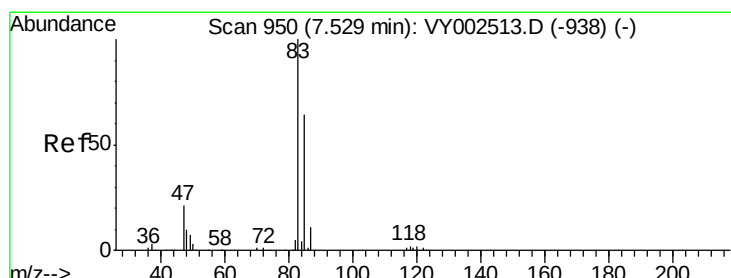
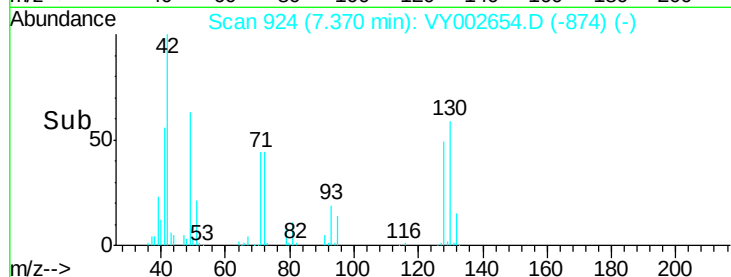
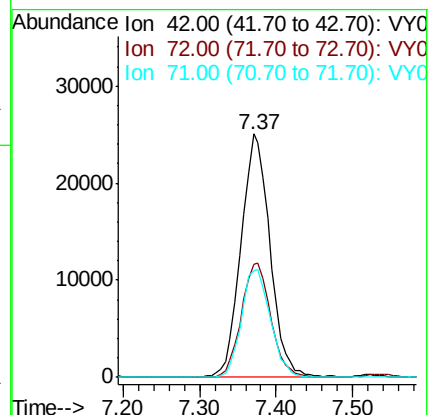
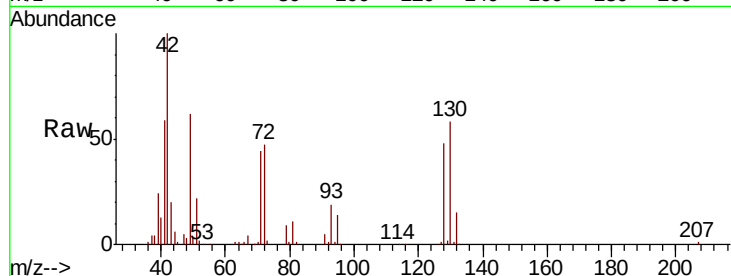
Tot Ion: 42 Resp: 65965

Ion Ratio Lower Upper

42 100

72 47.6 37.4 56.2

71 44.5 35.0 52.4



#30

Chloroform

Concen: 20.239 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002654.D

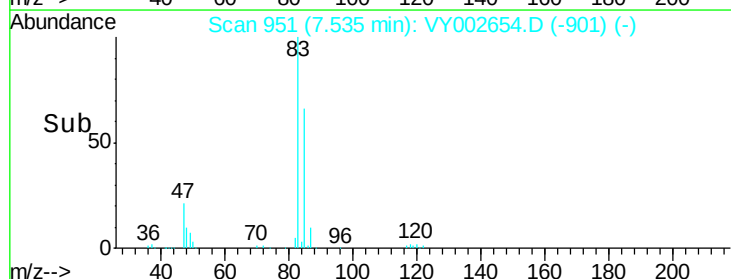
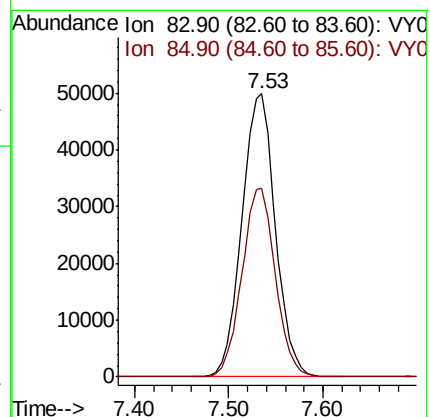
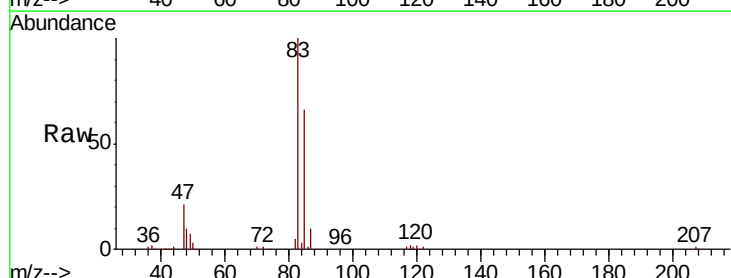
Acq: 11 May 2020 11:38

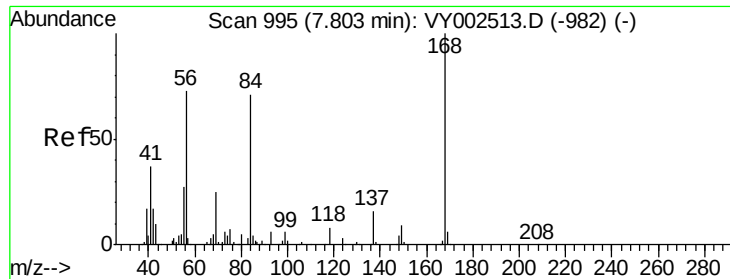
Tgt Ion: 83 Resp: 123905

Ion Ratio Lower Upper

83 100

85 66.4 51.5 77.3

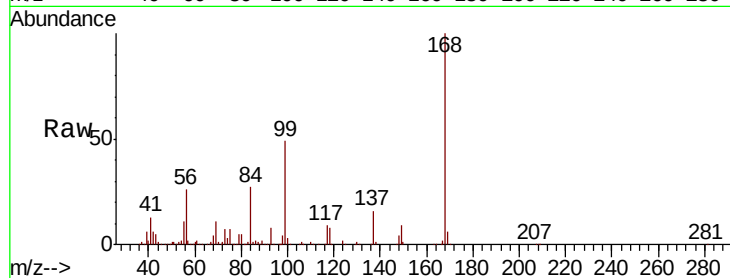




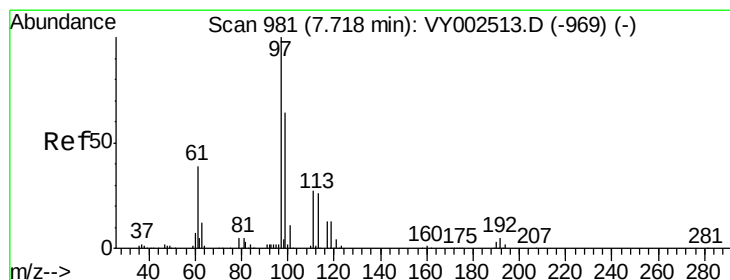
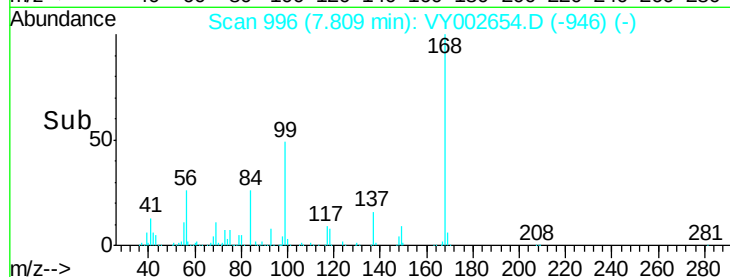
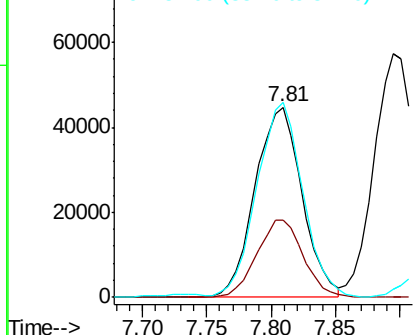
#31
Cyclohexane
Concen: 19.142 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 113448
Ion Ratio Lower Upper
56 100
69 40.5 27.6 41.4
84 100.7 77.7 116.5

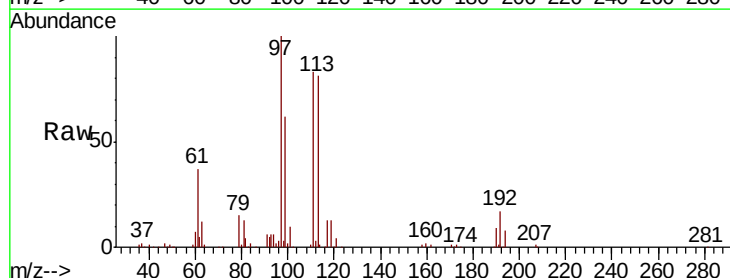


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

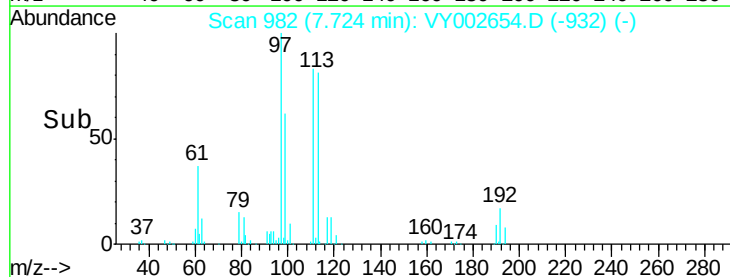
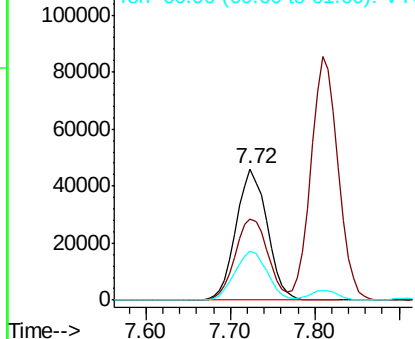


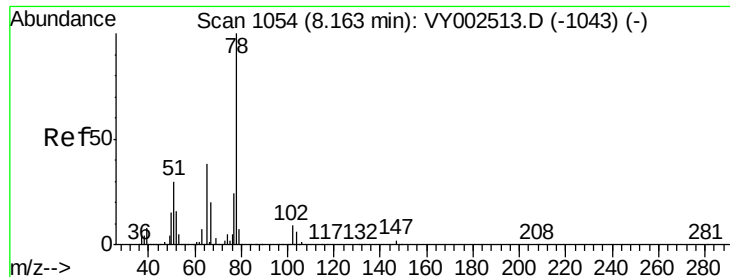
#32
1,1,1-Trichloroethane
Concen: 20.254 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 97 Resp: 115251
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 38.5 31.0 46.6



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

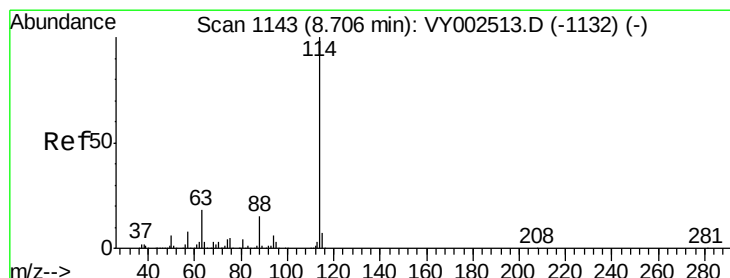
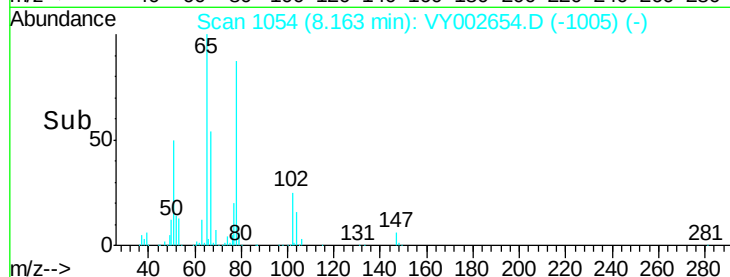
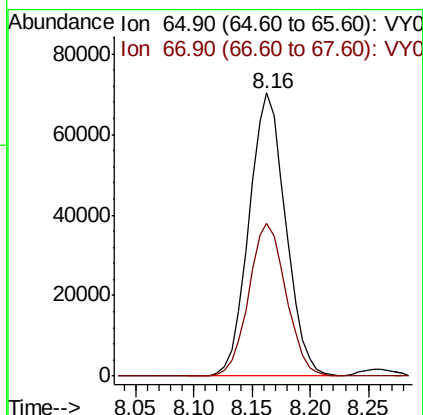
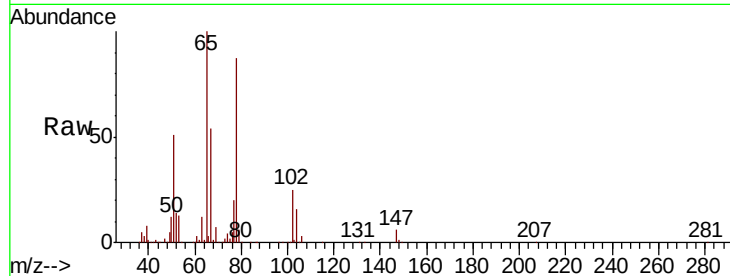




#33
 1,2-Dichloroethane-d4
 Concen: 46.518 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

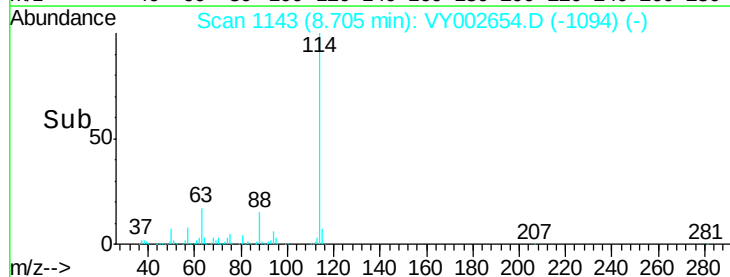
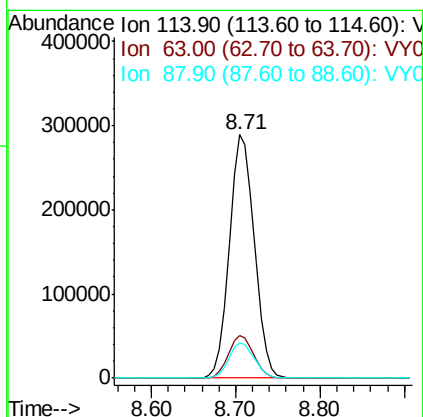
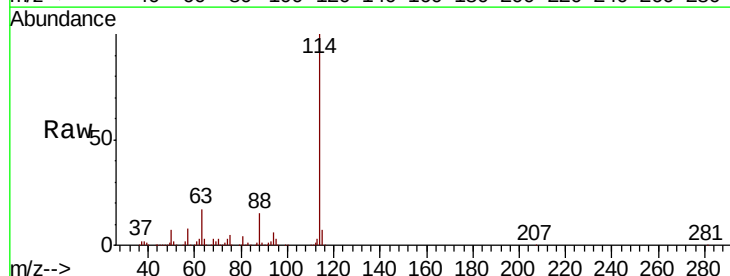
Instrument :
 MSVOA_Y
 ClientSampled :

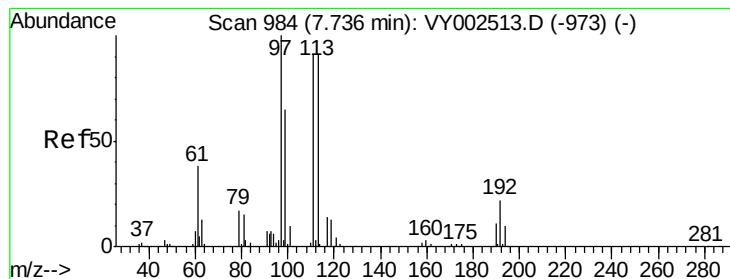
Tot Ion: 65 Resp: 153388
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 114 Resp: 578616
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.4
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.094 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

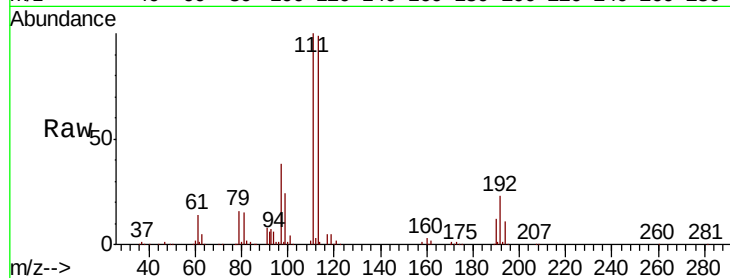
Tot Ion:113 Resp: 172385

Ion Ratio Lower Upper

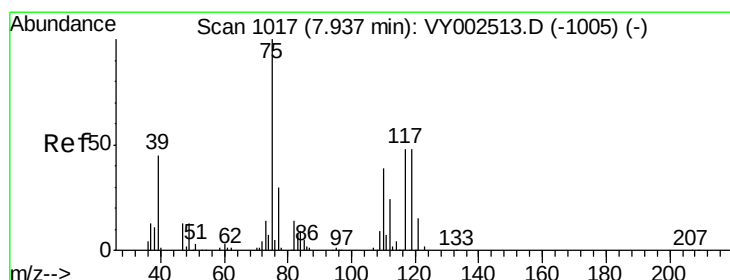
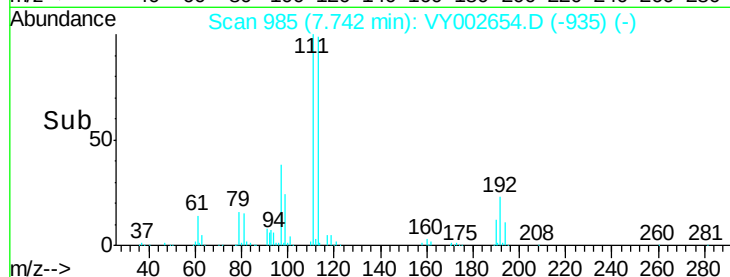
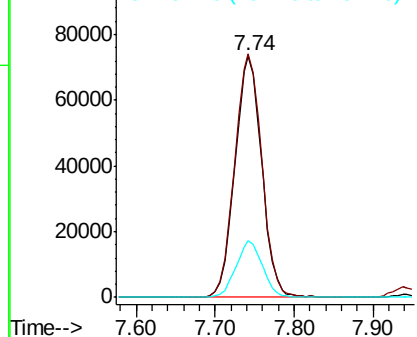
113 100

111 102.7 81.8 122.6

192 23.1 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.086 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

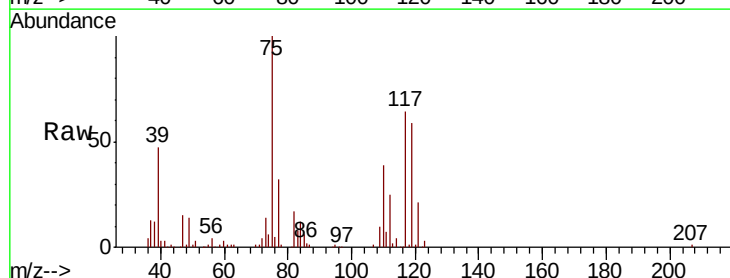
Tgt Ion: 75 Resp: 97428

Ion Ratio Lower Upper

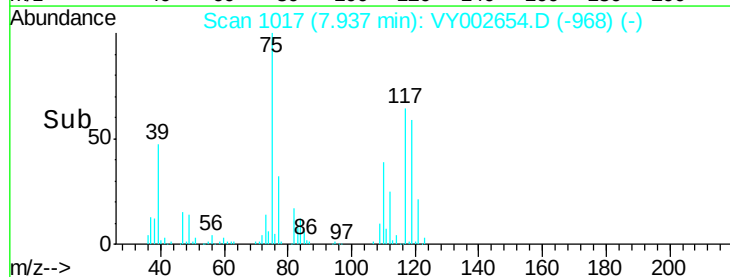
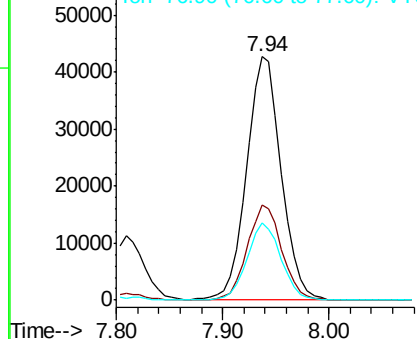
75 100

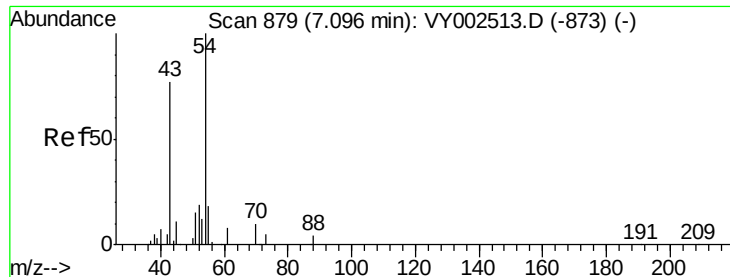
110 38.8 19.1 57.3

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

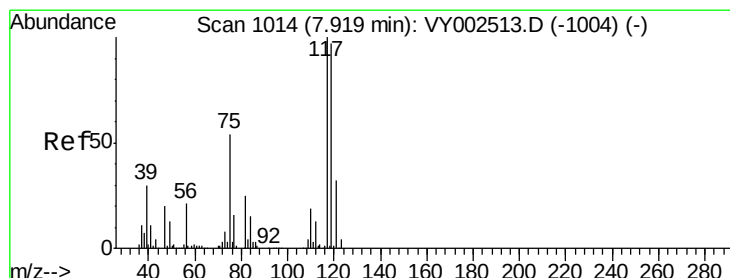
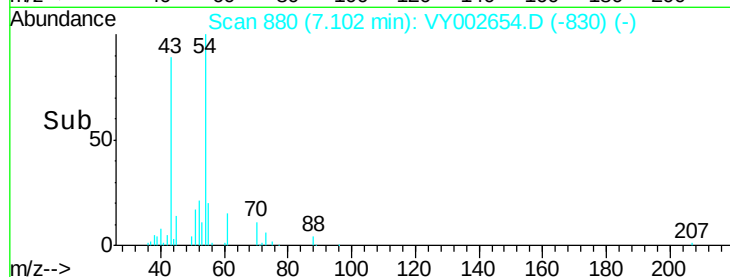
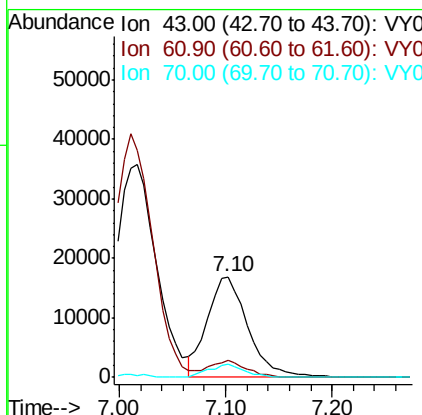
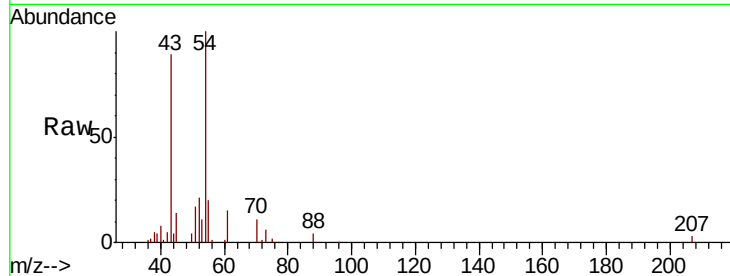




#37
Ethyl Acetate
Concen: 17.781 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

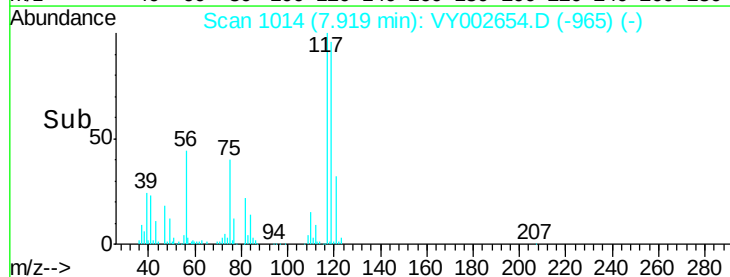
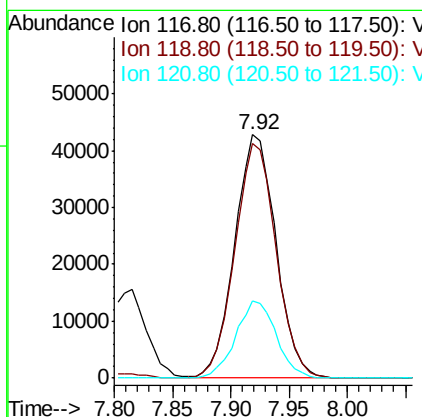
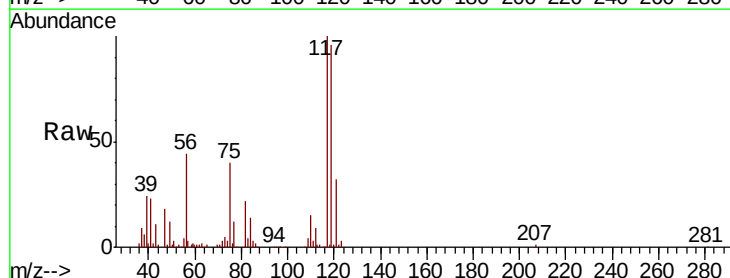
Instrument :
MSVOA_Y
ClientSampled :

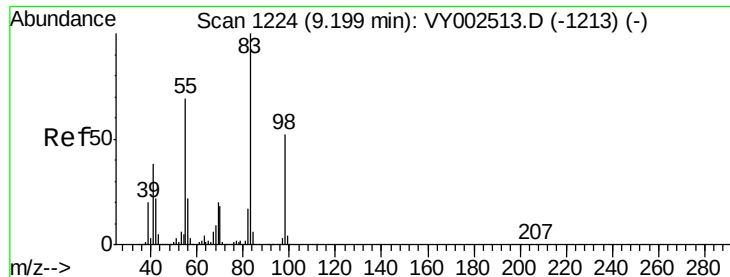
Tot Ion: 43 Resp: 44320
Ion Ratio Lower Upper
43 100
61 14.3 11.6 17.4
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.970 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 117 Resp: 105753
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
121 31.9 25.2 37.8

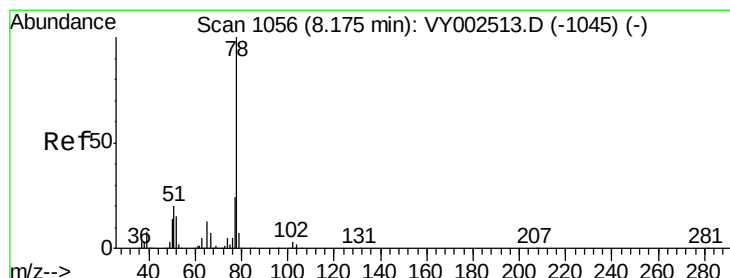
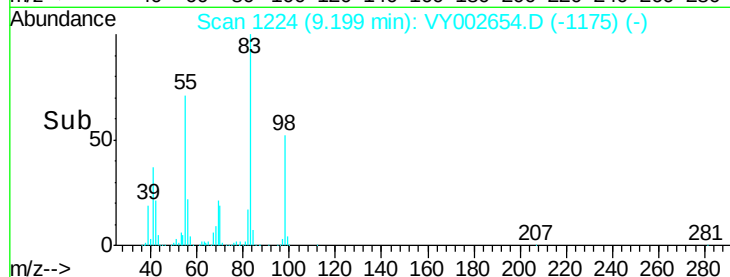
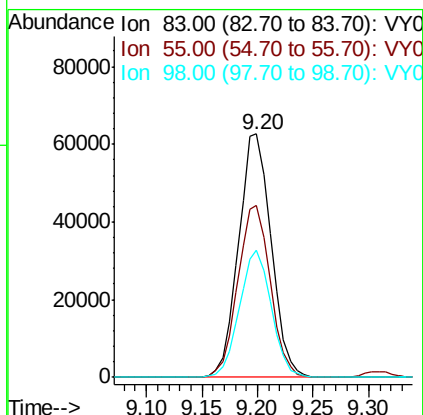
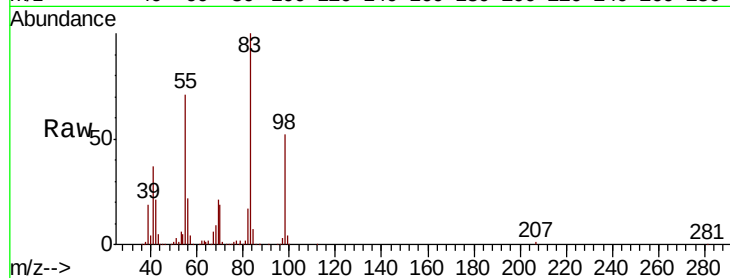




#39
Methylvlcyclohexane
Concen: 19.908 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

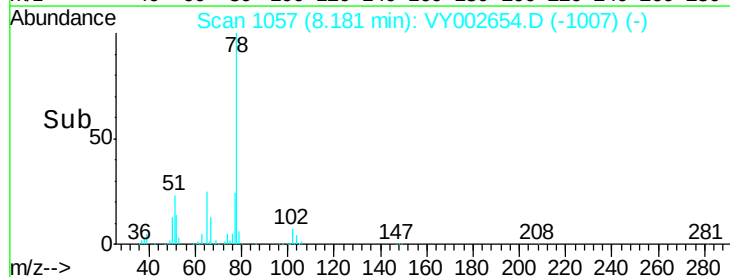
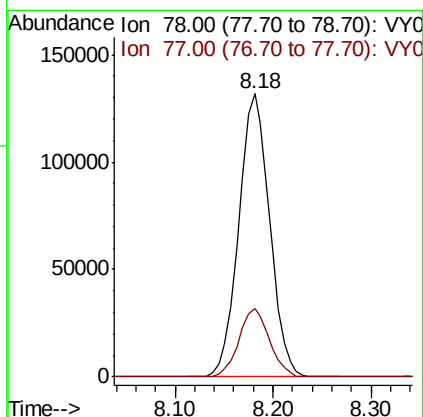
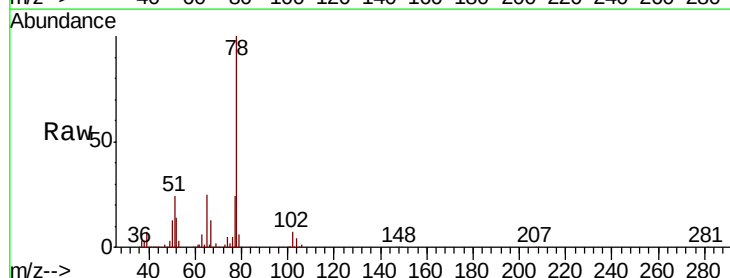
Instrument :
MSVOA_Y
ClientSampleId :

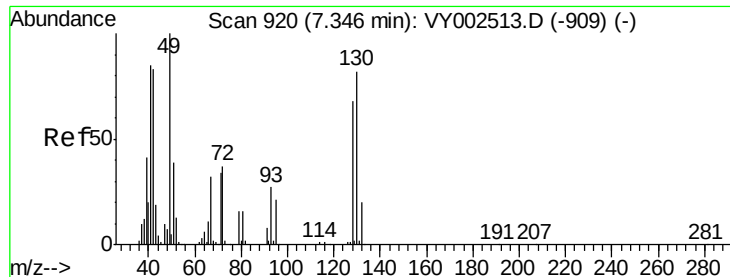
Tot Ion	83.00	Resp	127546
Ion Ratio	Lower	Upper	
83	100		
55	70.6	55.4	83.0
98	52.1	41.3	61.9



#40
Benzene
Concen: 20.529 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion	78	Resp	287597
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.2	28.8

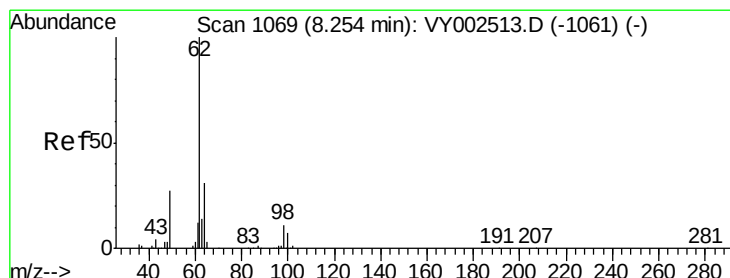
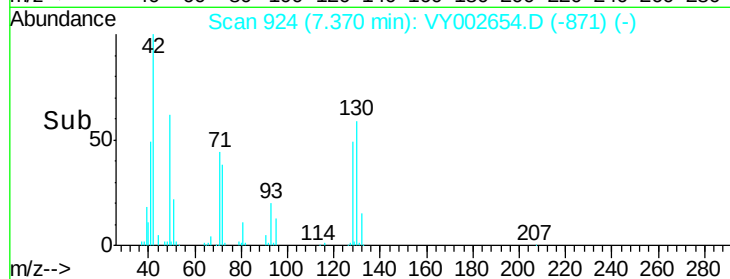
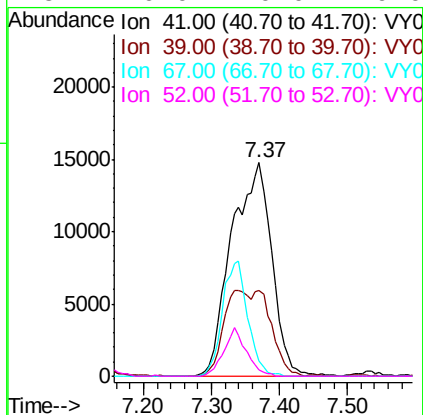
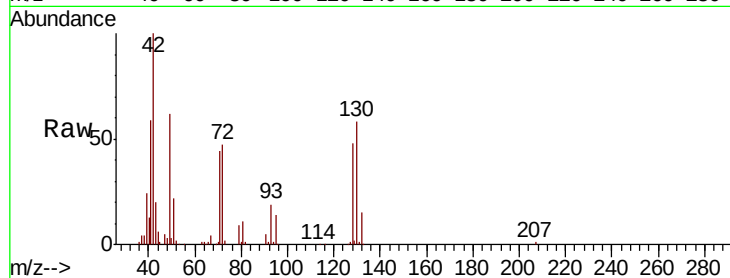




#41
Methacrylonitrile
Concen: 45.417 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

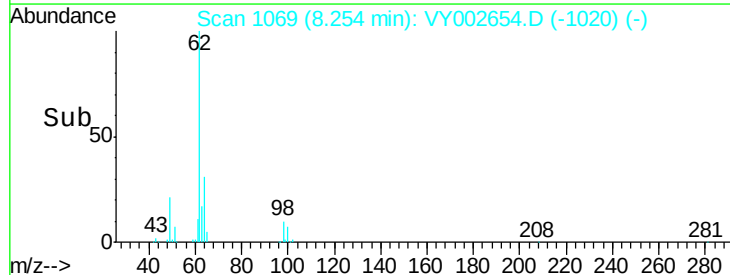
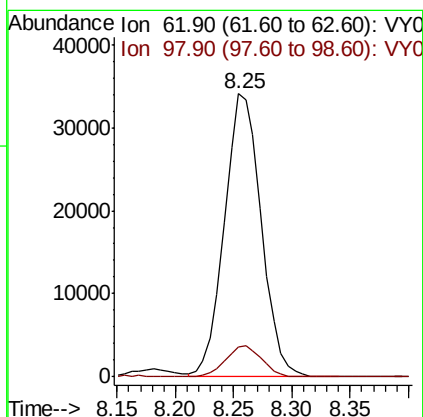
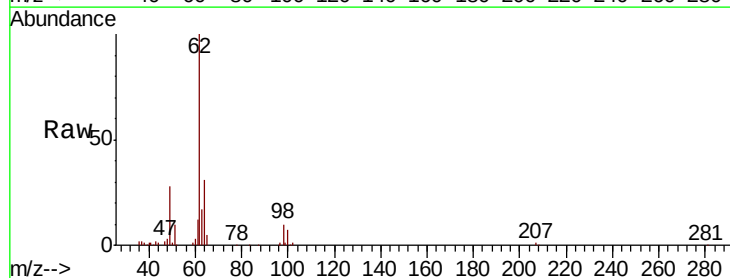
Instrument :
MSVOA_Y
ClientSampleId :

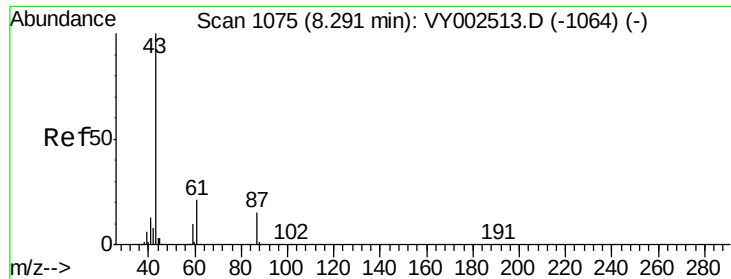
Tot Ion:	41	Resp:	60868
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 18.984 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion:	62	Resp:	74600
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 18.764 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampled :

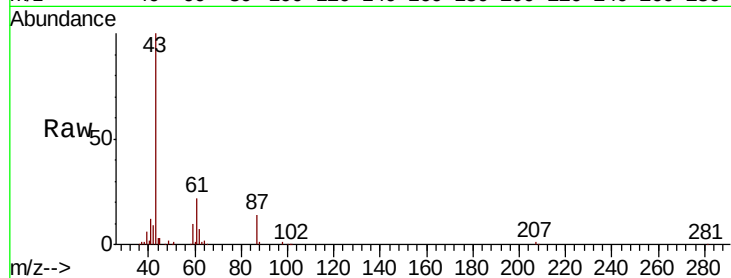
Tot Ion: 43 Resp: 87682

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

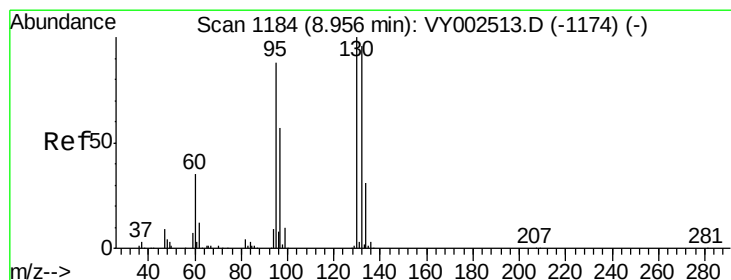
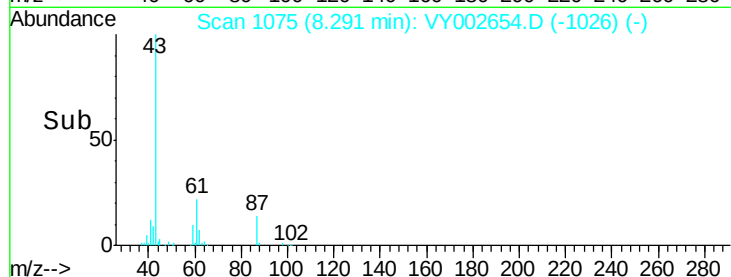
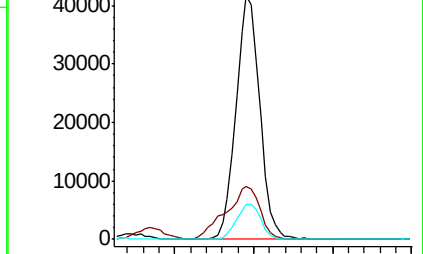
87 14.9 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002654.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY002654.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY002654.D (-1064) (-)



#44

Trichloroethene

Concen: 20.952 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY002654.D

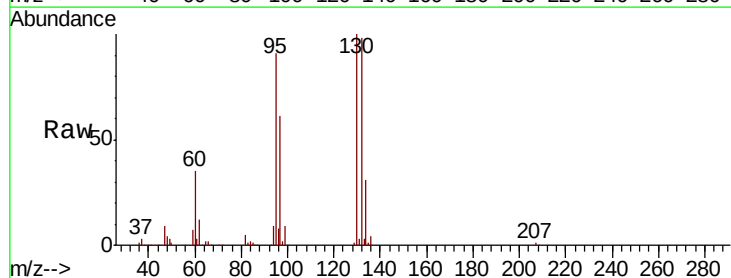
Acq: 11 May 2020 11:38

Tgt Ion:130 Resp: 91733

Ion Ratio Lower Upper

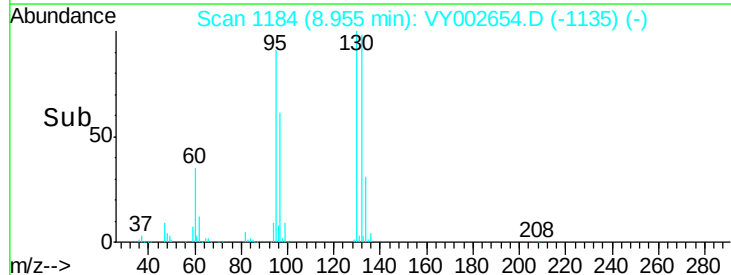
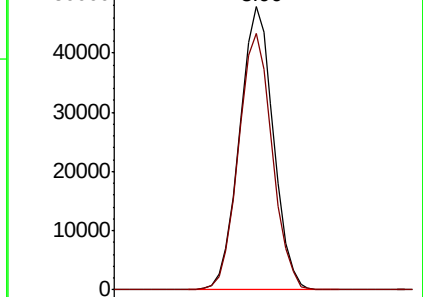
130 100

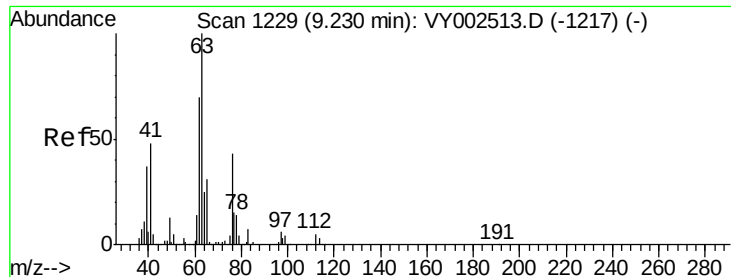
95 90.5 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002654.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002654.D (-1135) (-)

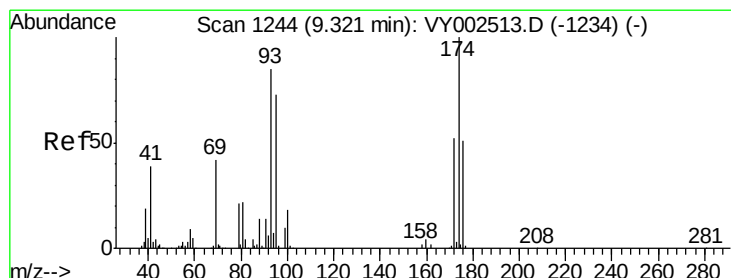
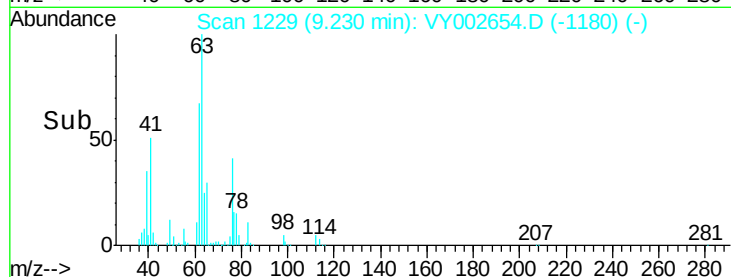
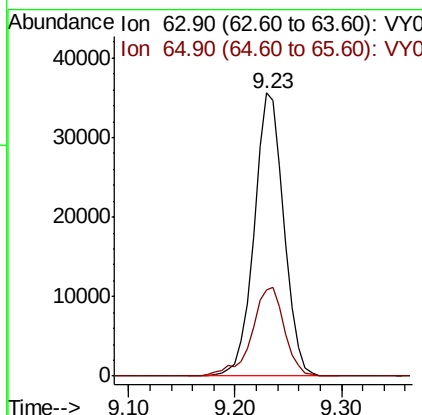
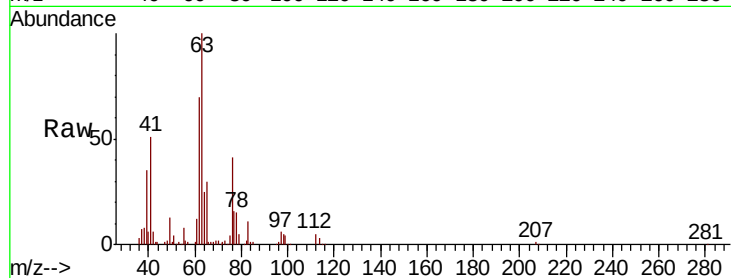




#45
 1,2-Dichloropropane
 Concen: 20.567 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

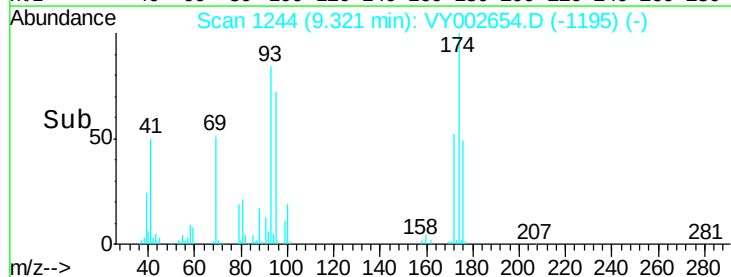
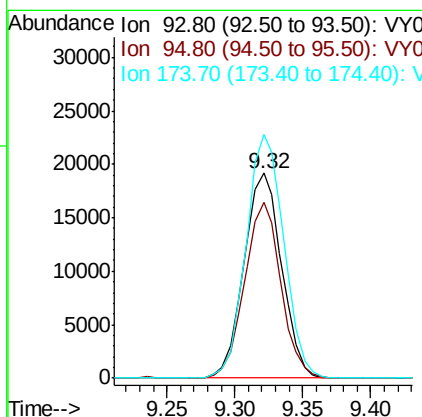
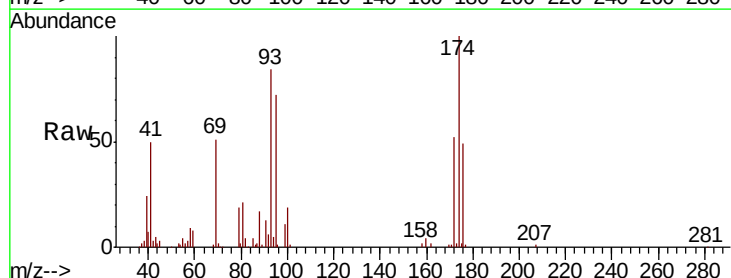
Instrument :
 MSVOA_Y
 ClientSampleId :

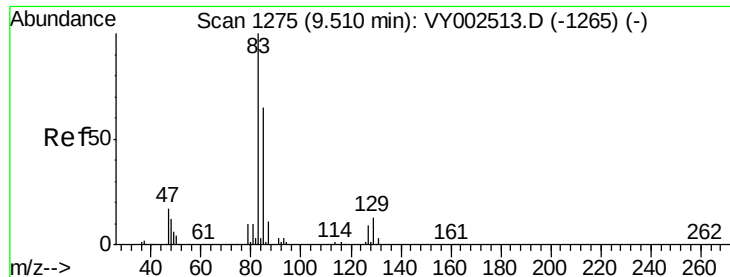
Tot Ion: 63 Resp: 69539
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7



#46
 Dibromomethane
 Concen: 19.160 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 93 Resp: 37273
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.0 100.4
 174 118.7 92.7 139.1





#47

Bromodichloromethane

Concen: 20.068 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :

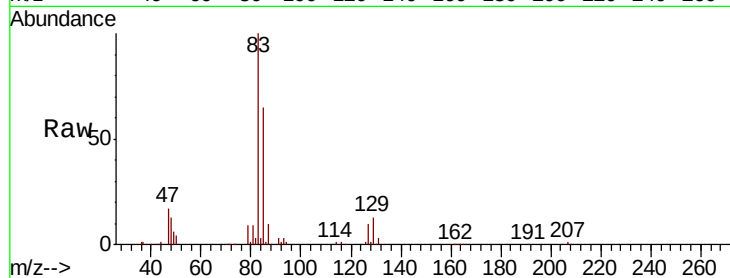
Tot Ion: 83 Resp: 94925

Ion Ratio Lower Upper

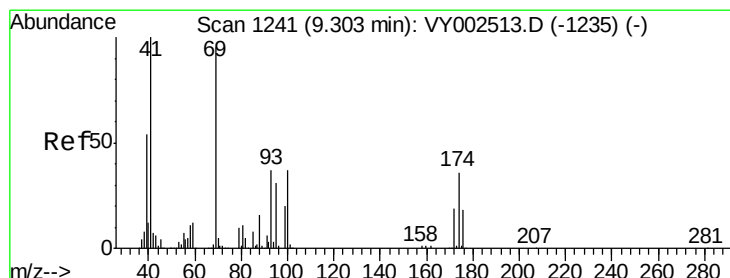
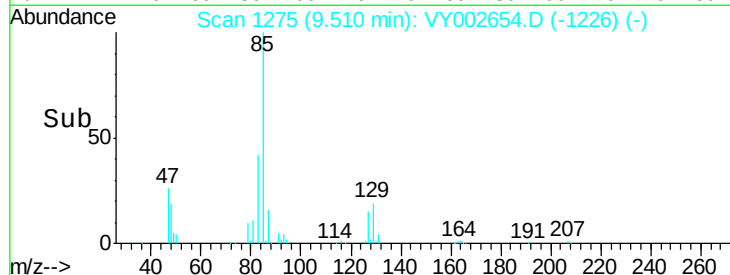
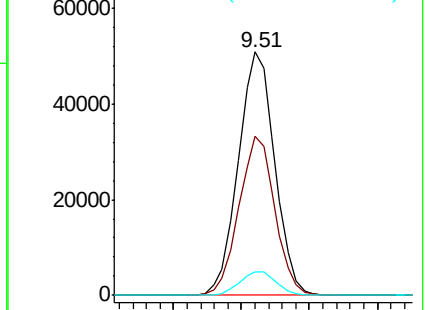
83 100

85 65.3 51.8 77.8

127 9.7 7.4 11.0



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



#48

Methyl methacrylate

Concen: 18.327 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

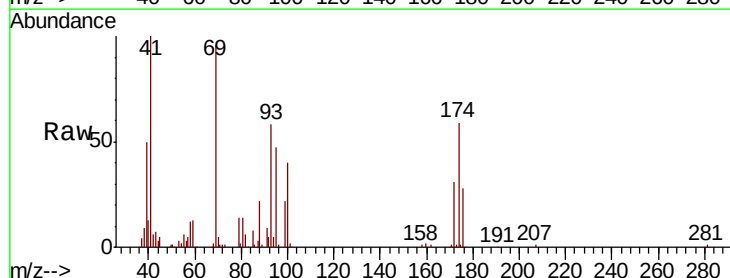
Tgt Ion: 41 Resp: 38758

Ion Ratio Lower Upper

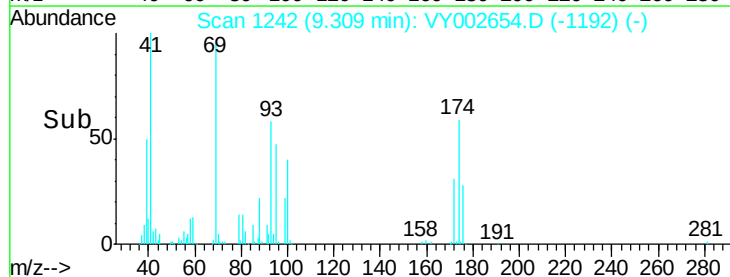
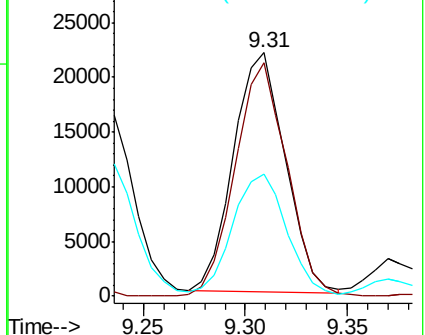
41 100

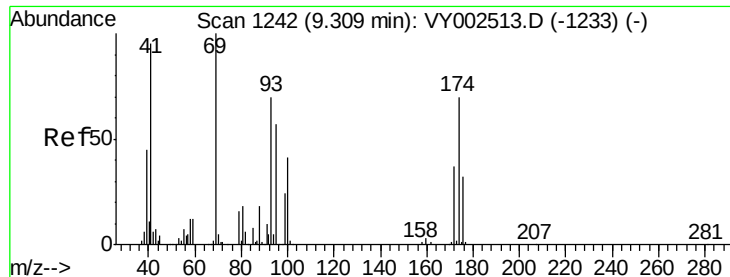
69 97.4 76.2 114.4

39 53.4 42.7 64.1



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

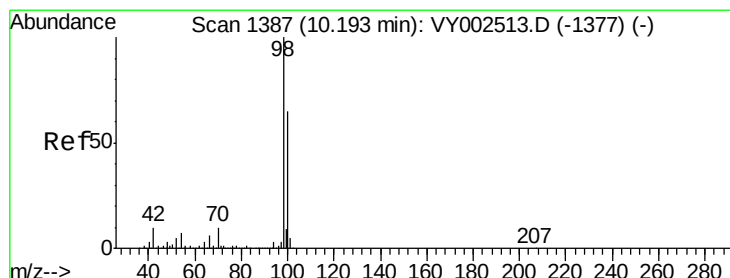
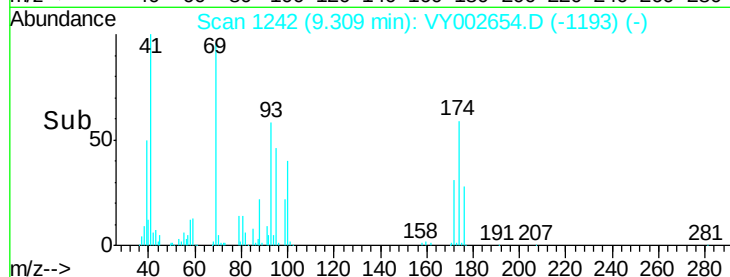
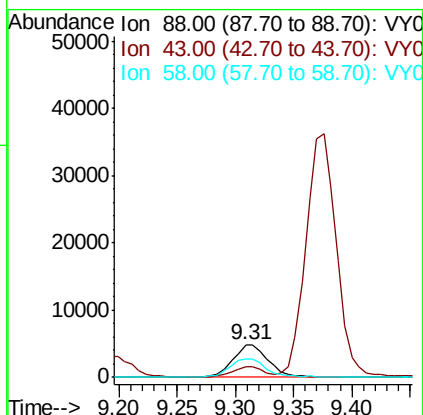
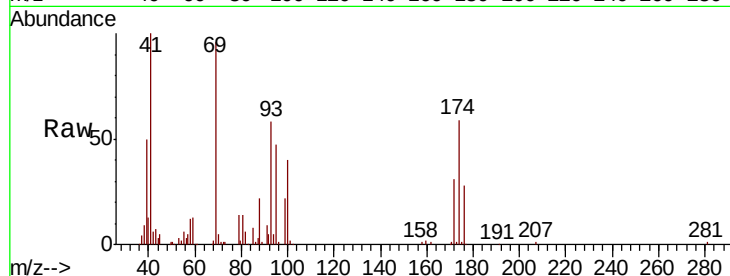




#49
1,4-Dioxane
Concen: 401.206 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

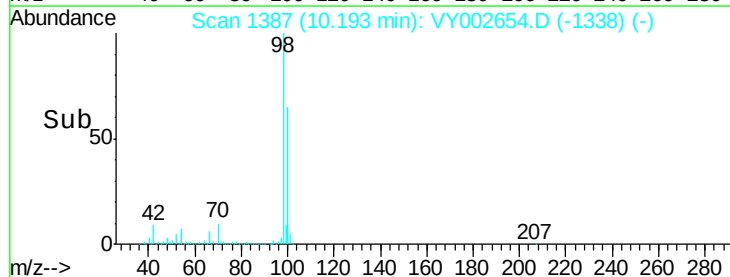
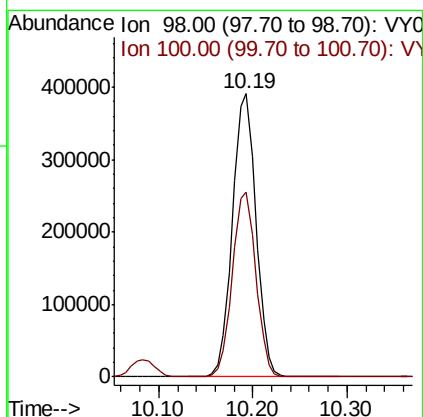
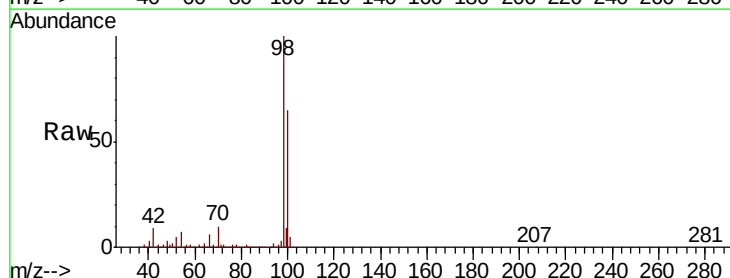
Instrument :
MSVOA_Y
ClientSampleId :

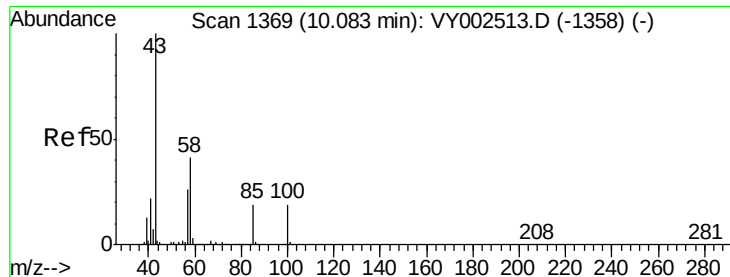
Tot Ion: 88 Resp: 10334
Ion Ratio Lower Upper
88 100
43 29.8 22.8 34.2
58 58.1 51.4 77.2



#50
Toluene-d8
Concen: 52.443 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 98 Resp: 677704
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

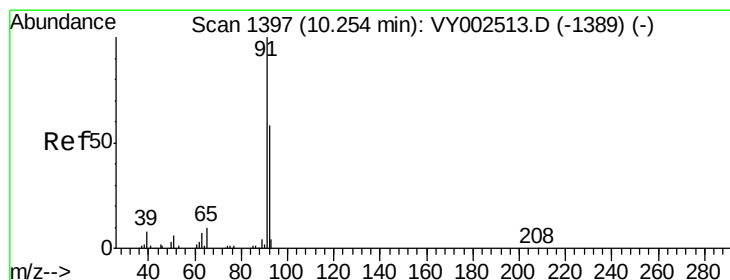
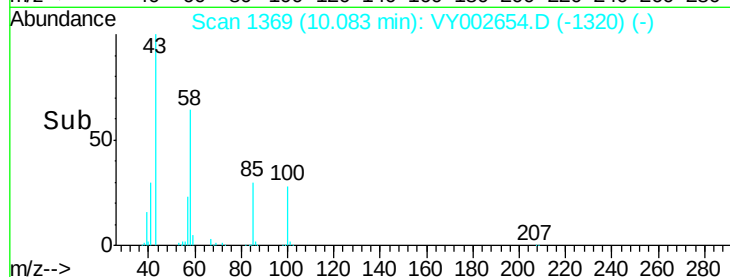
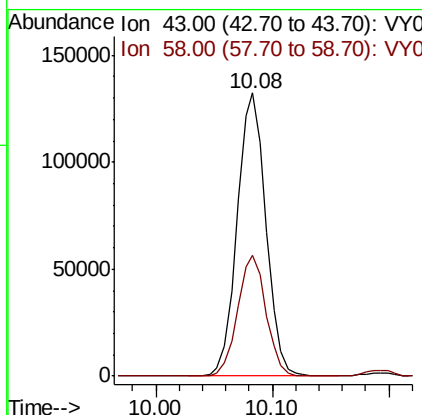
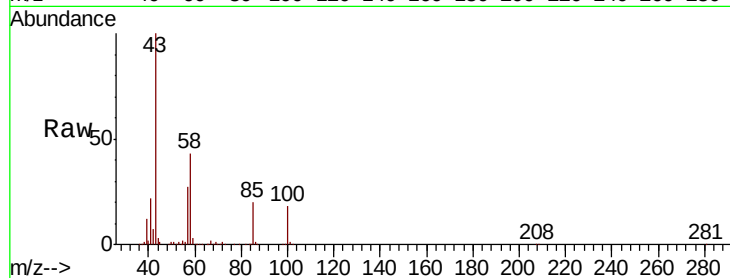




#51
4-Methyl-2-Pentanone
Concen: 94.395 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

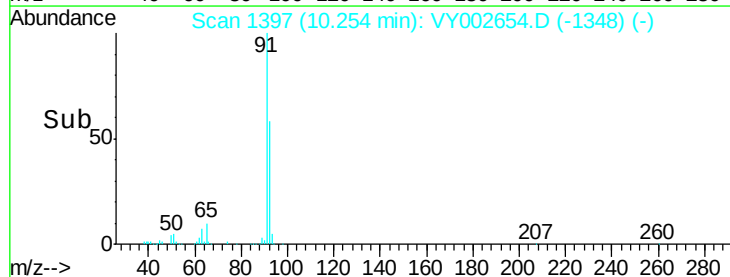
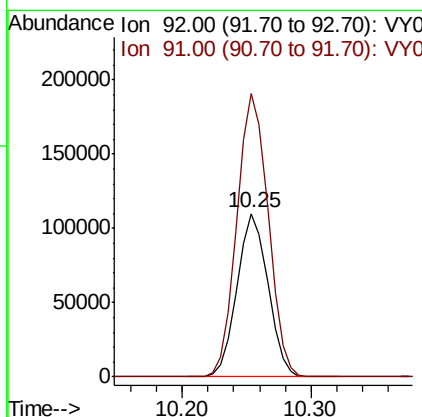
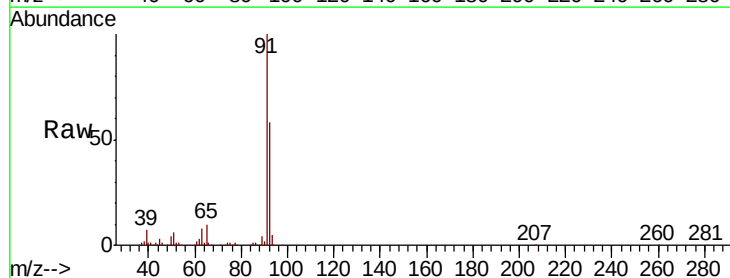
Instrument :
MSVOA_Y
ClientSampled :

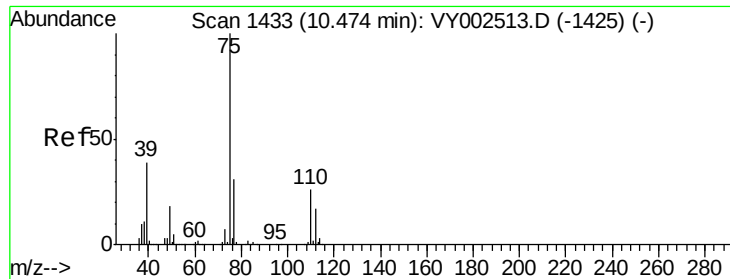
Tot Ion: 43 Resp: 227359
Ion Ratio Lower Upper
43 100
58 42.2 33.2 49.8



#52
Toluene
Concen: 20.368 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 92 Resp: 183381
Ion Ratio Lower Upper
92 100
91 175.5 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 19.728 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

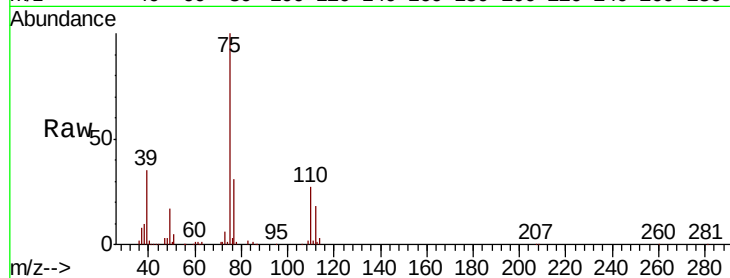
ClientSampleId :

Tot Ion: 75 Resp: 97775

Ion Ratio Lower Upper

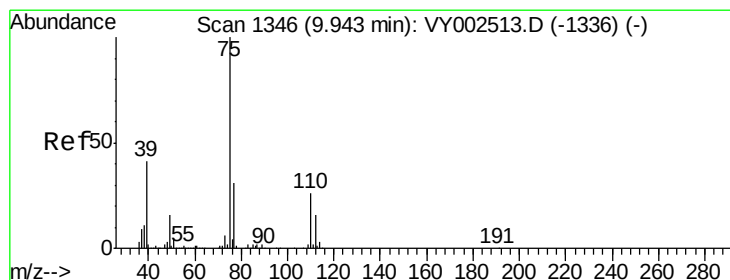
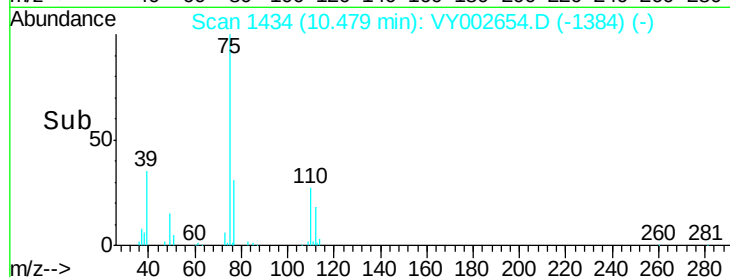
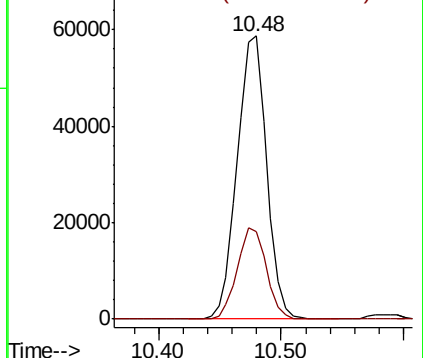
75 100

77 30.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.937 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

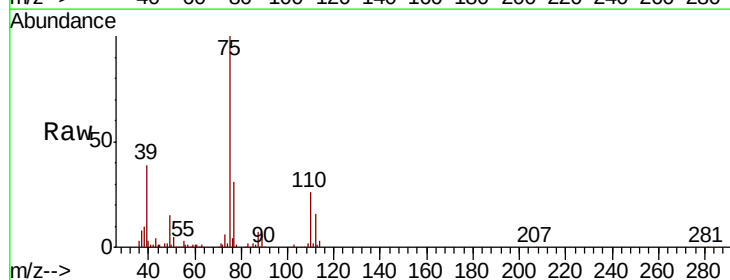
Tgt Ion: 75 Resp: 114227

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

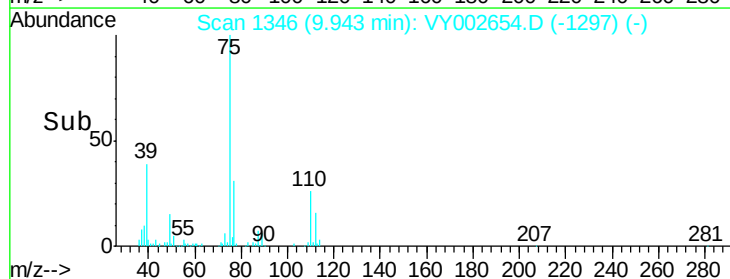
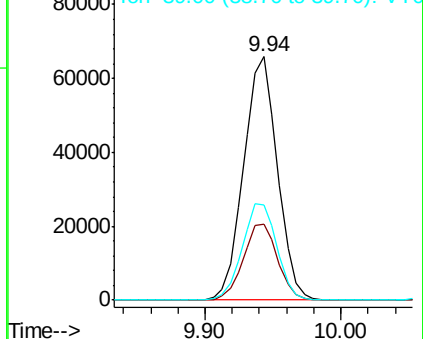
39 39.0 32.7 49.1

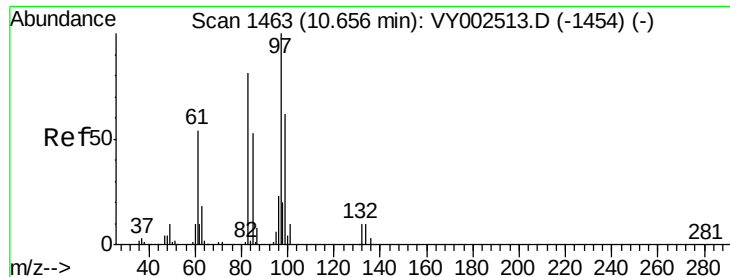


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

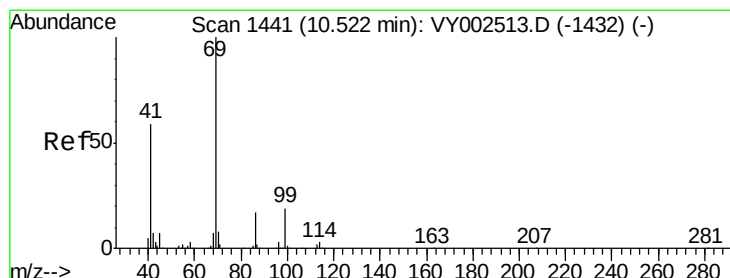
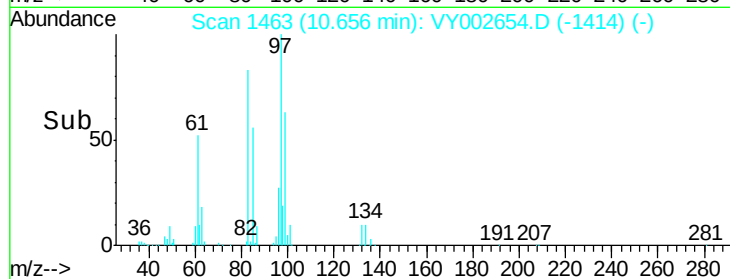
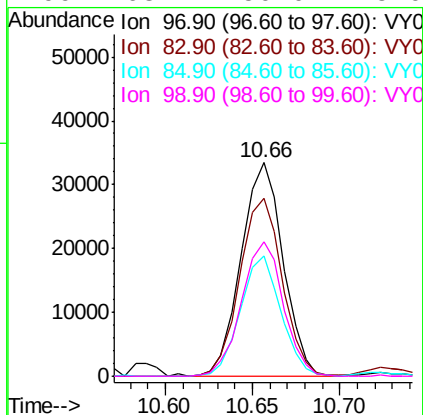
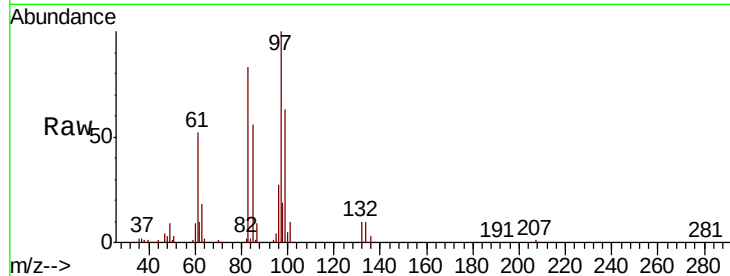




#55
 1,1,2-Trichloroethane
 Concen: 19.651 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

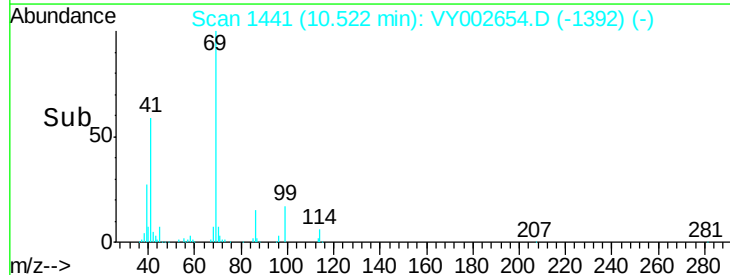
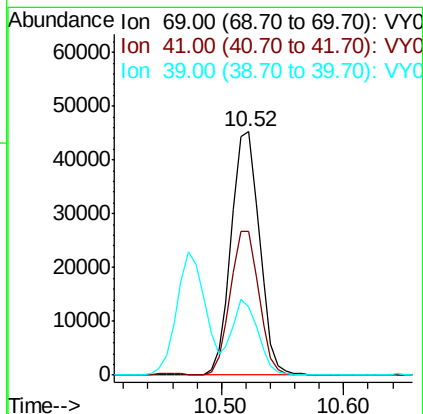
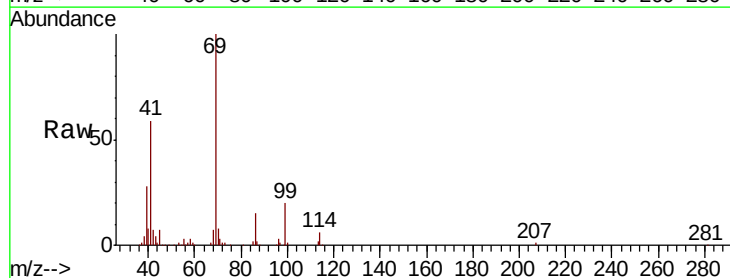
Instrument :
 MSVOA_Y
 ClientSampled :

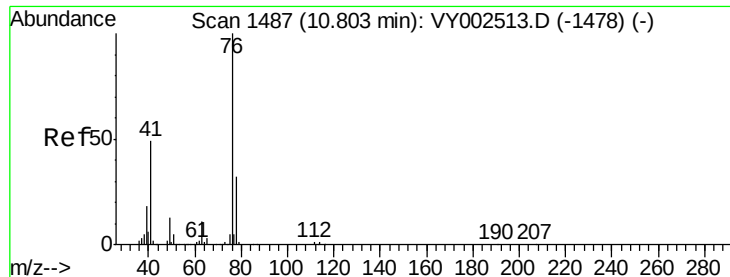
Tot Ion: 97 Resp: 55747
 Ion Ratio Lower Upper
 97 100
 83 83.5 65.1 97.7
 85 56.0 42.7 64.1
 99 63.2 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 19.217 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 69 Resp: 72523
 Ion Ratio Lower Upper
 69 100
 41 59.5 48.6 73.0
 39 29.0 25.0 37.4





#57

1,3-Dichloropropane

Concen: 19.516 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

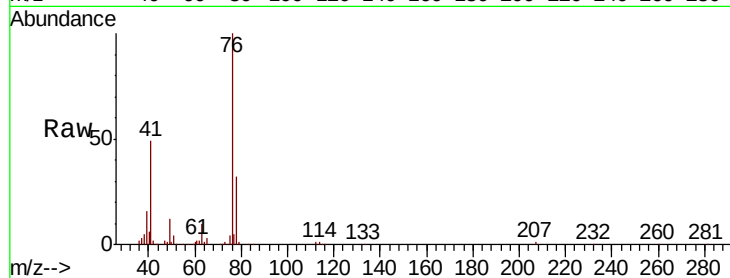
ClientSampleId :

Tot Ion: 76 Resp: 93888

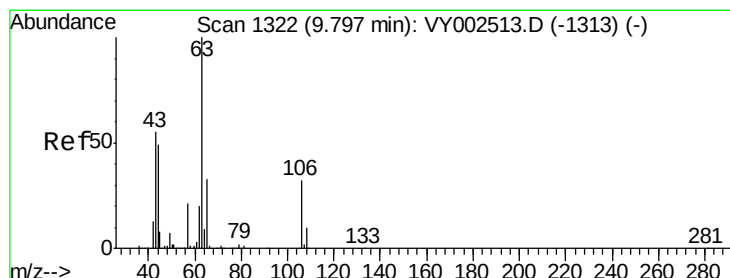
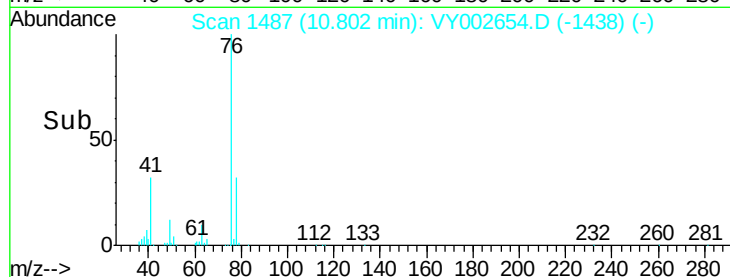
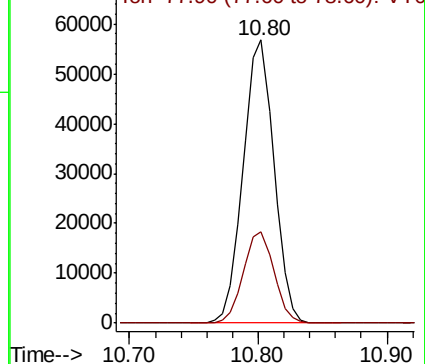
Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 98.667 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002654.D

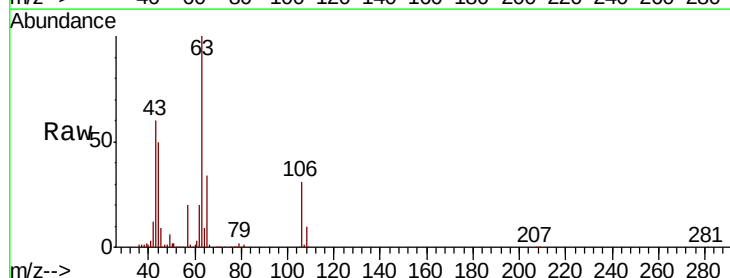
Acq: 11 May 2020 11:38

Tgt Ion: 63 Resp: 196368

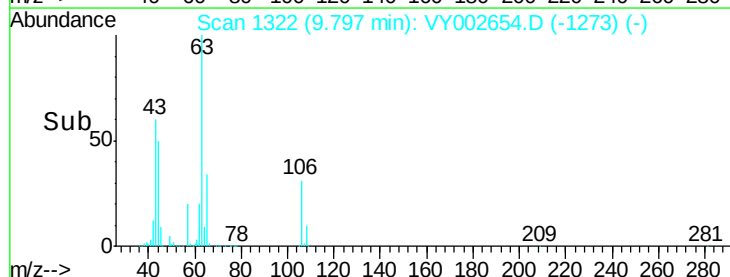
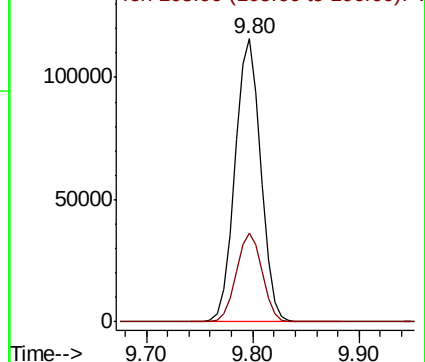
Ion Ratio Lower Upper

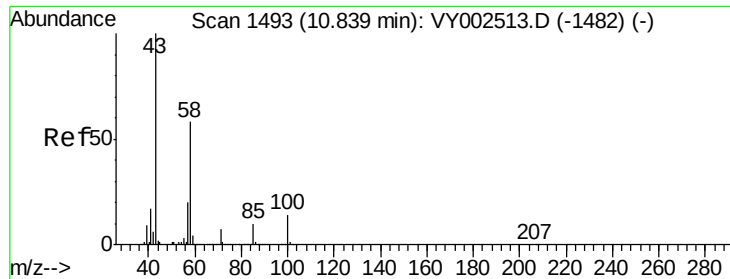
63 100

106 31.6 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 91.287 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

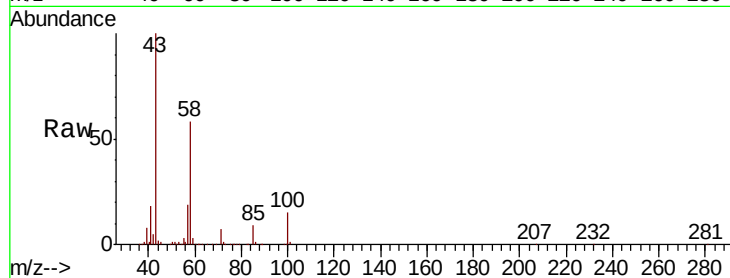
ClientSampleId :

Tot Ion: 43 Resp: 151333

Ion Ratio Lower Upper

43 100

58 58.0 29.1 87.3



Abundance Ion 43.00 (42.70 to 43.70): VY002654.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY002654.D (-1482) (-)

10.84

80000

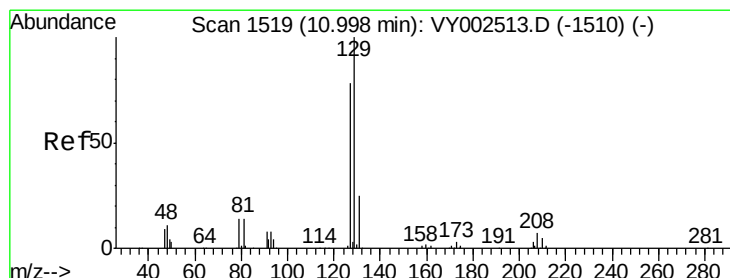
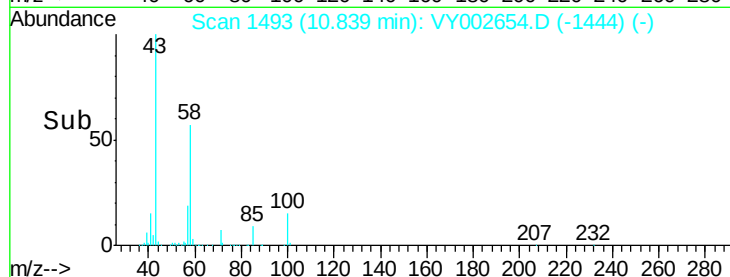
60000

40000

20000

0

Time-->



#60

Dibromochloromethane

Concen: 19.843 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. -0.00 min

Lab File: VY002654.D

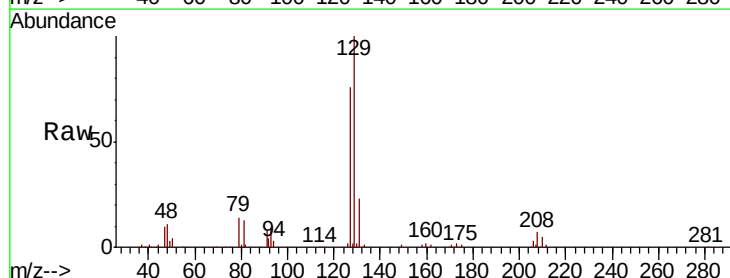
Acq: 11 May 2020 11:38

Tgt Ion: 129 Resp: 71598

Ion Ratio Lower Upper

129 100

127 77.0 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VY002654.D (-1510) (-)

Ion 126.80 (126.50 to 127.50): VY002654.D (-1510) (-)

11.00

40000

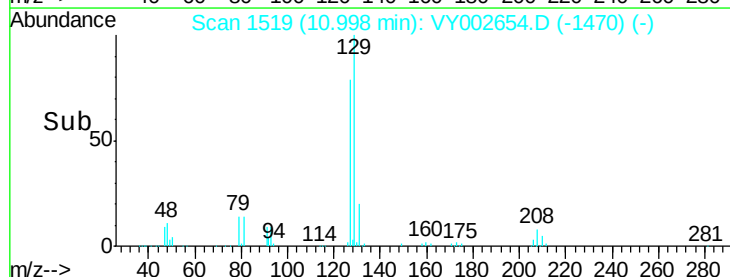
30000

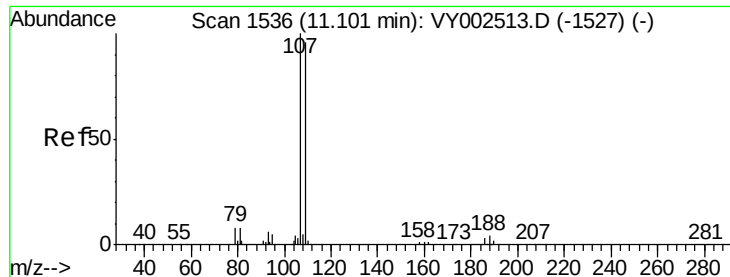
20000

10000

0

Time-->





#61

1,2-Dibromoethane

Concen: 19.178 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

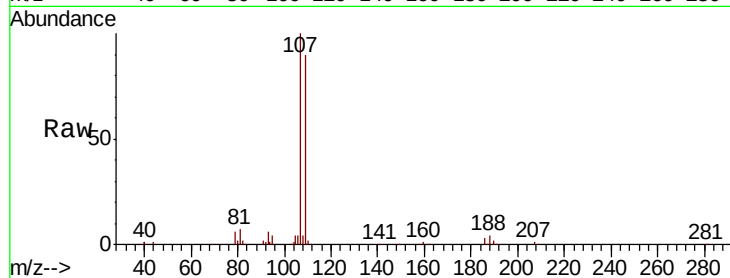
ClientSampleId :

Tot Ion:107 Resp: 53872

Ion Ratio Lower Upper

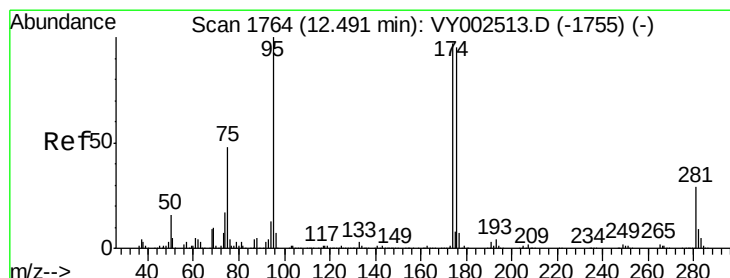
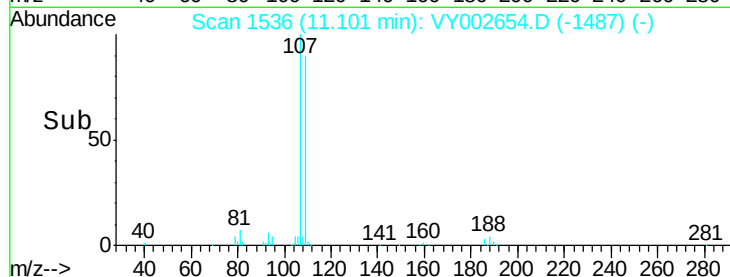
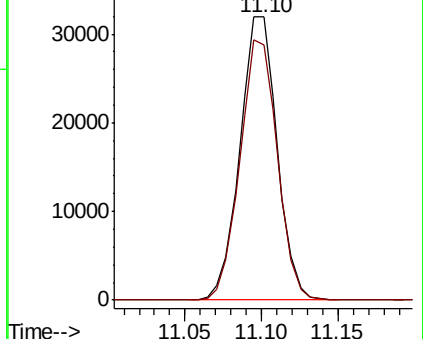
107 100

109 92.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.233 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

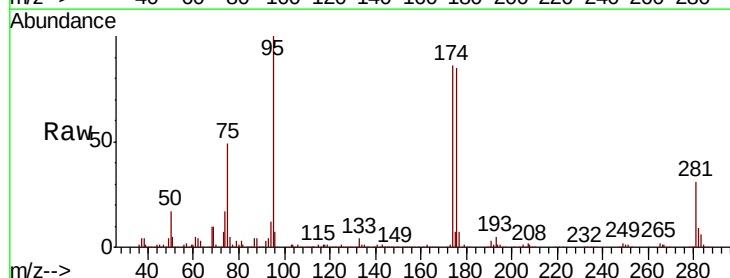
Tgt Ion: 95 Resp: 229039

Ion Ratio Lower Upper

95 100

174 93.5 0.0 188.8

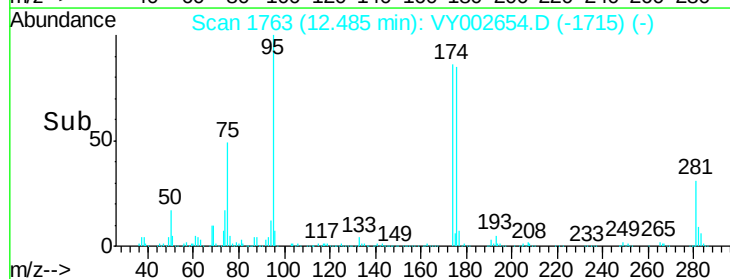
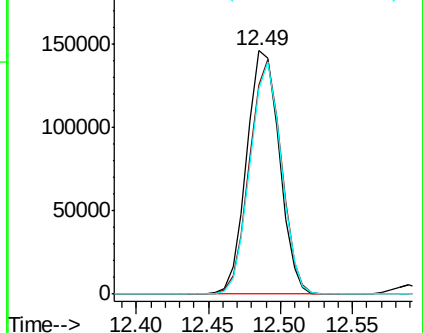
176 91.2 0.0 183.2

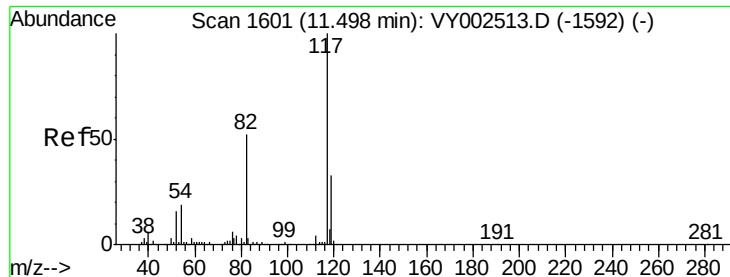


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

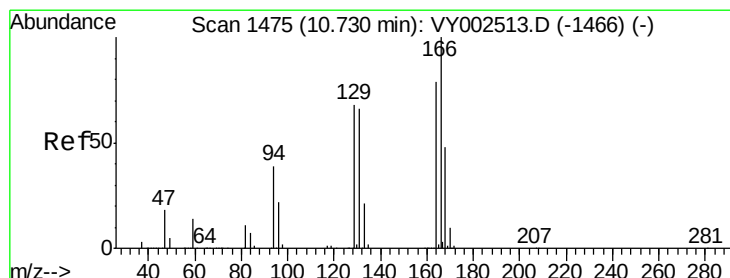
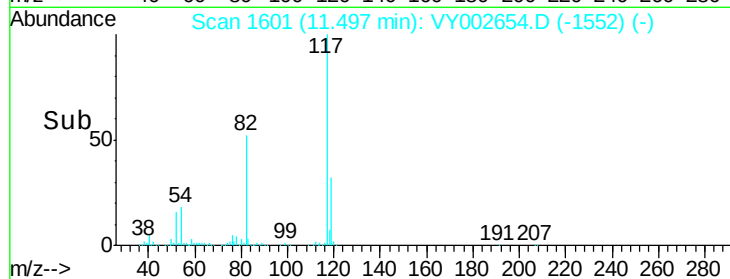
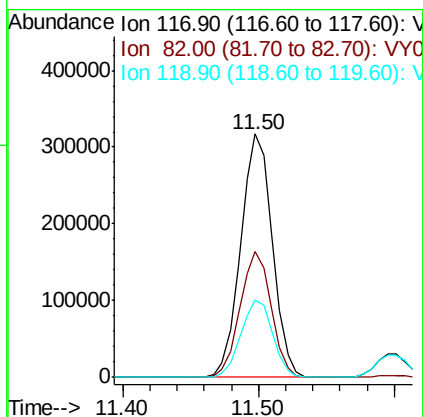
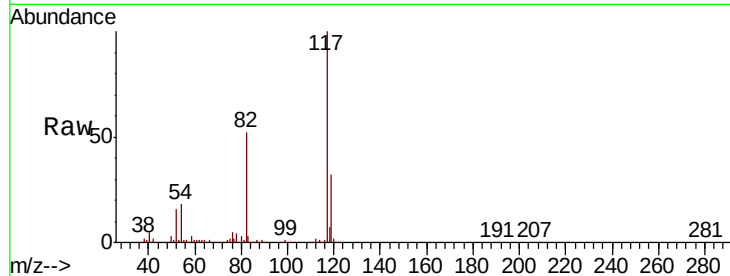




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

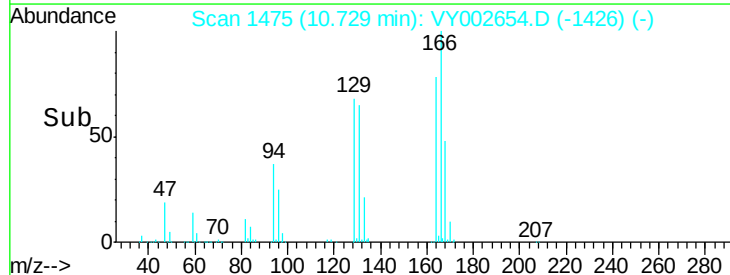
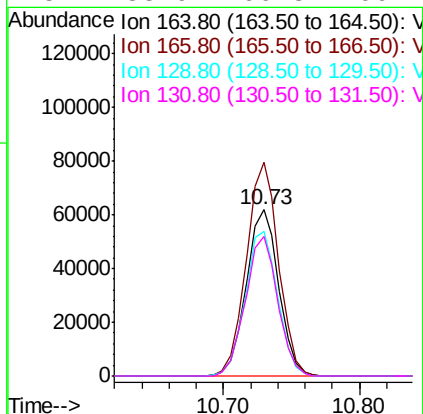
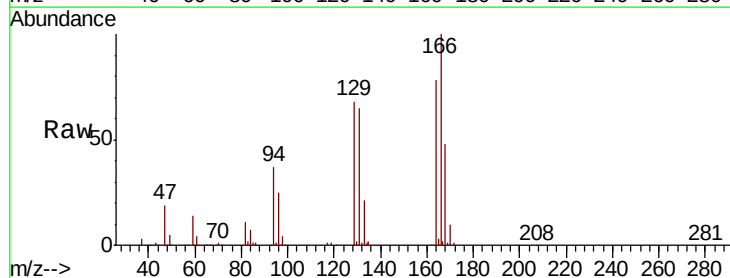
Instrument :
MSVOA_Y
ClientSampled :

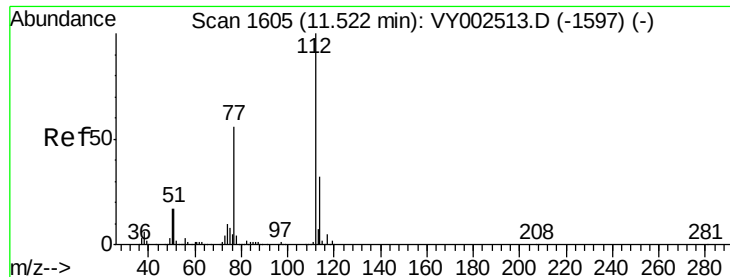
Tot Ion:117 Resp: 513450
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.0 26.0 39.0



#64
Tetrachloroethene
Concen: 22.691 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion:164 Resp: 103516
Ion Ratio Lower Upper
164 100
166 128.6 100.7 151.1
129 87.1 68.3 102.5
131 83.9 66.8 100.2

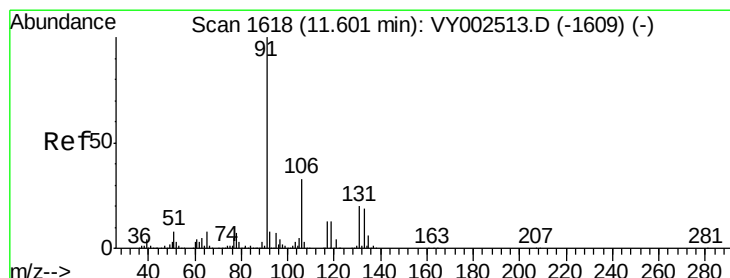
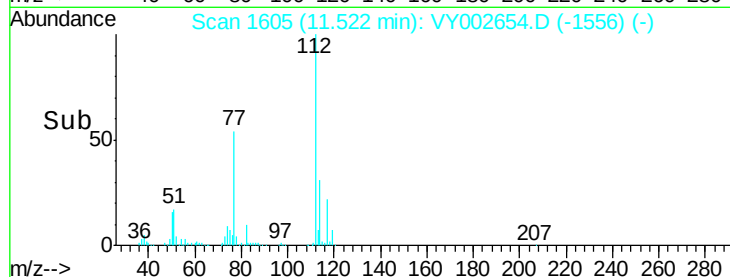
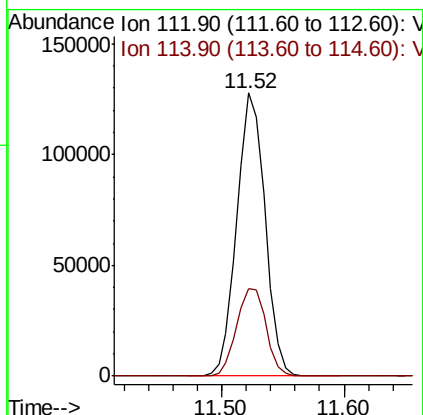
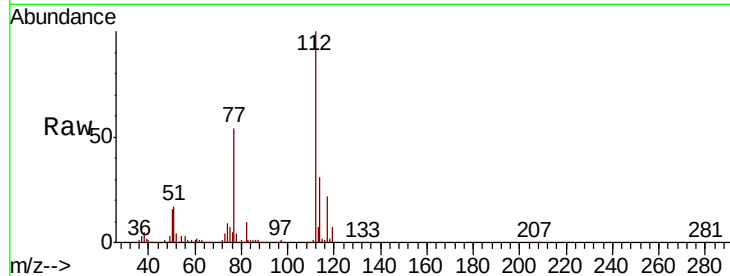




#65
Chlorobenzene
Concen: 20.941 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

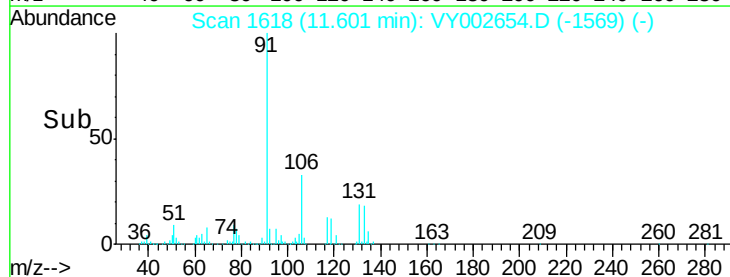
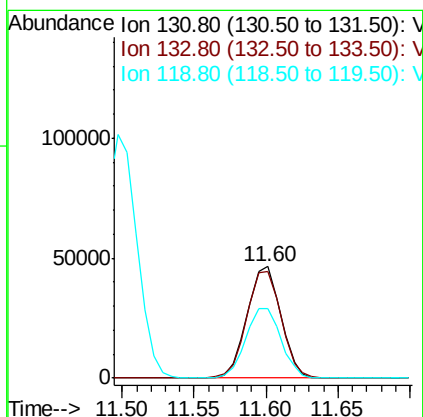
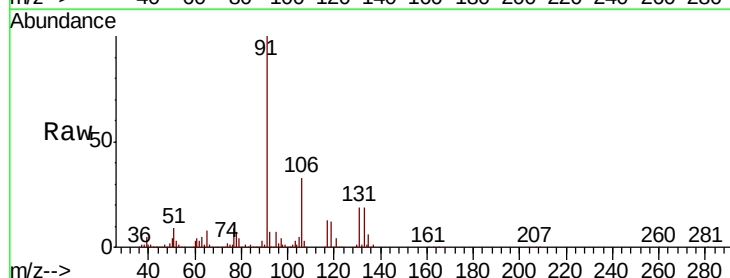
Instrument :
MSVOA_Y
ClientSampleId :

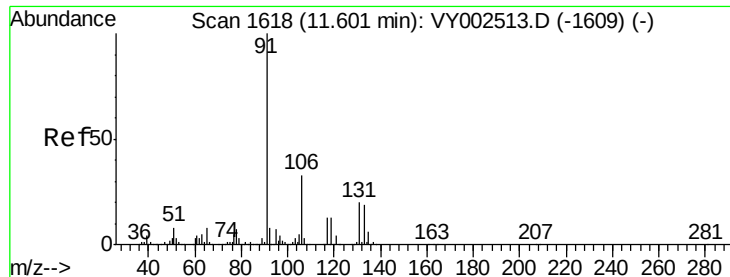
Tot Ion:112 Resp: 204401
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.805 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion:131 Resp: 75379
Ion Ratio Lower Upper
131 100
133 98.3 48.1 144.4
119 65.3 31.6 95.0

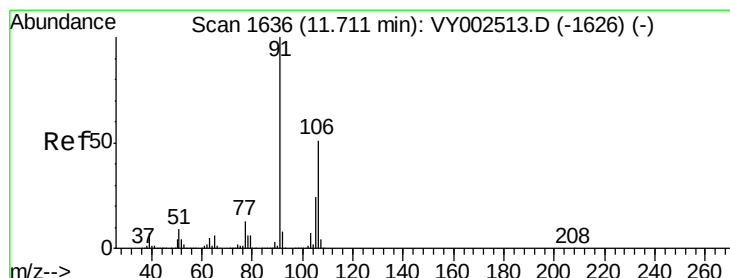
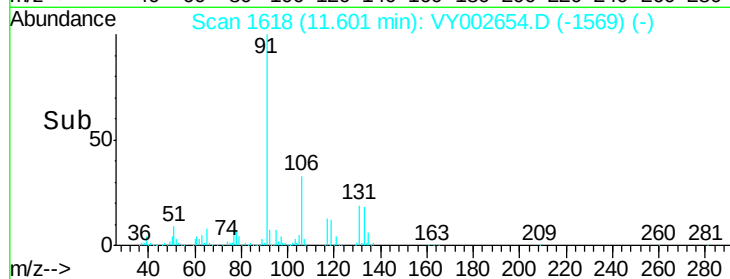
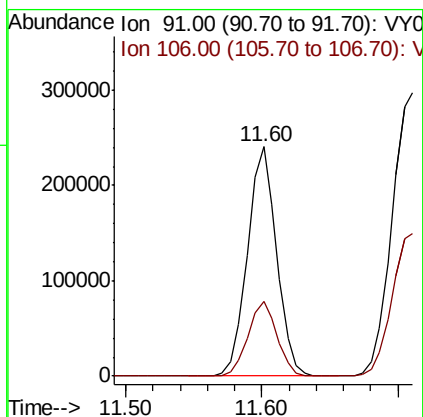
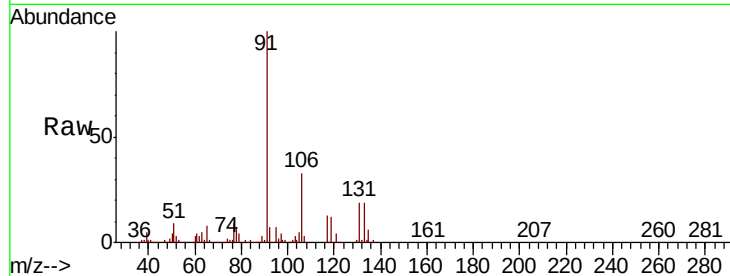




#67
Ethyl Benzene
Concen: 21.053 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

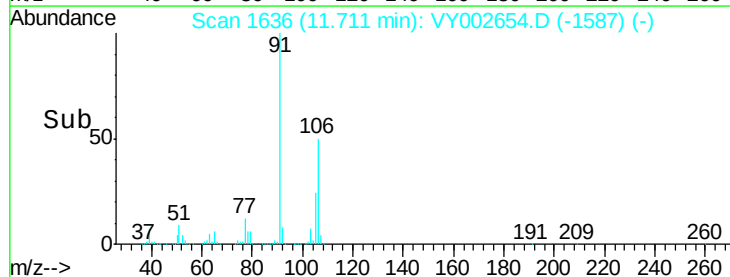
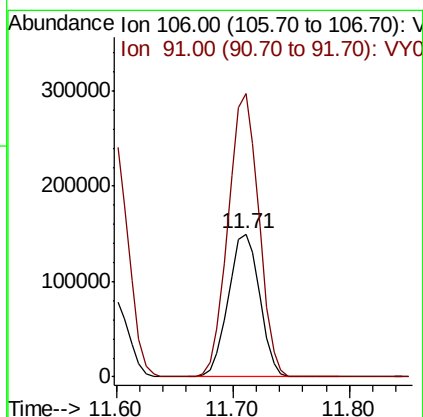
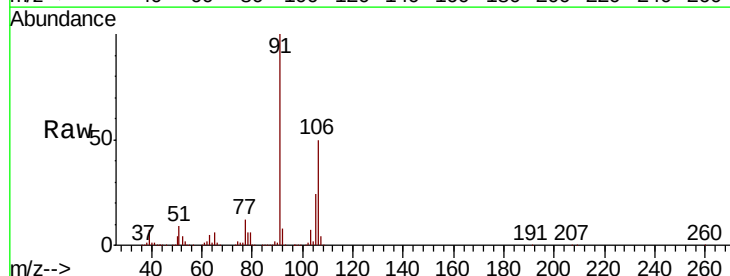
Instrument :
MSVOA_Y
ClientSampled :

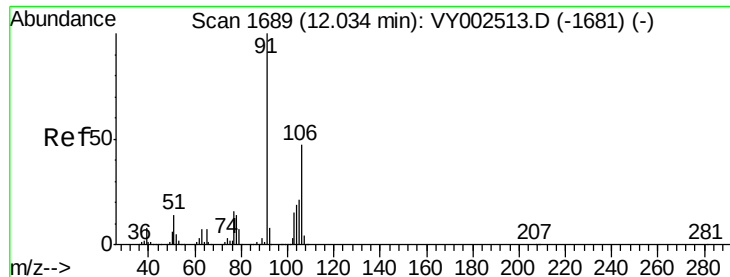
Tot Ion: 91 Resp: 360966
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 42.253 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 106 Resp: 280302
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8

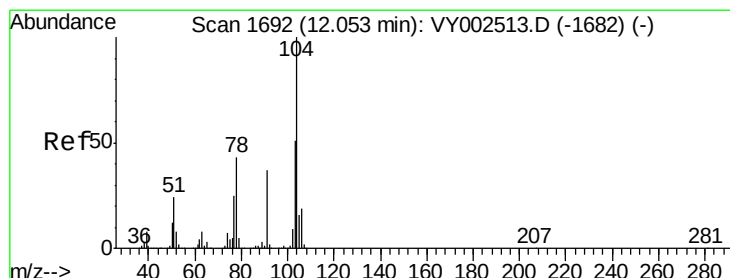
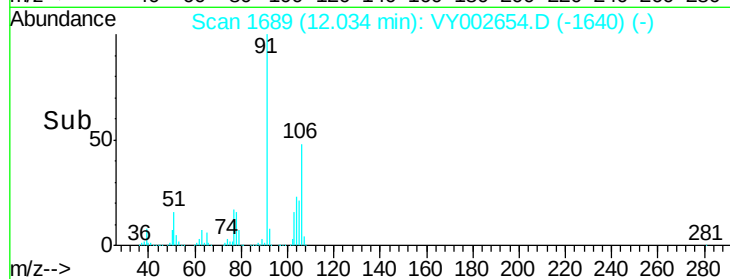
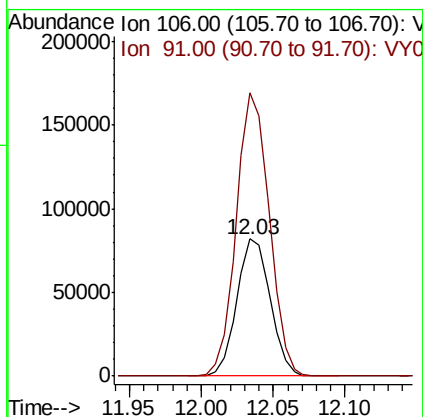
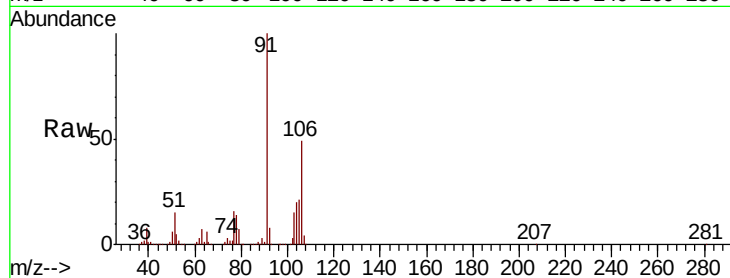




#69
o-Xylene
Concen: 21.253 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

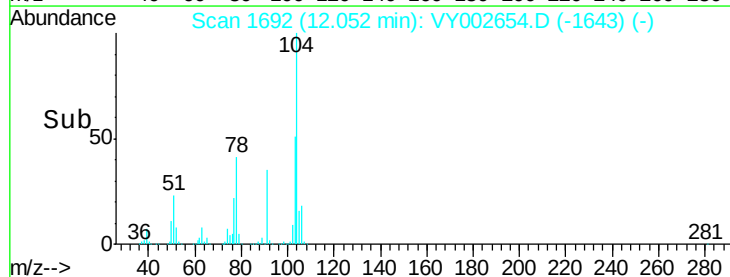
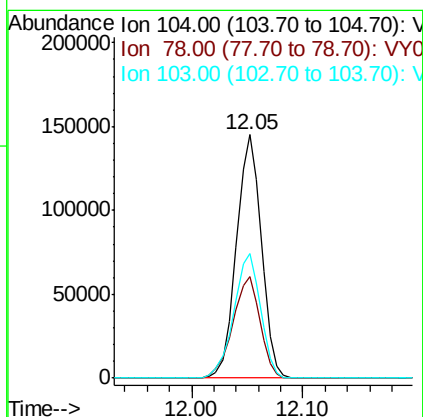
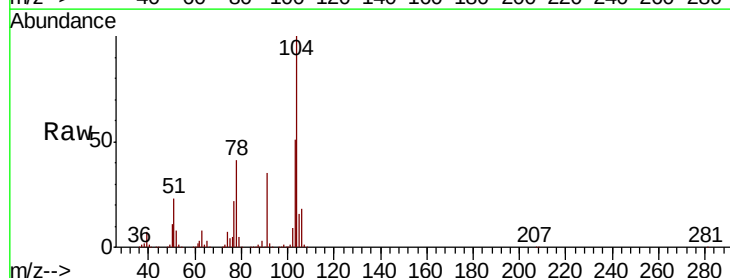
Instrument :
MSVOA_Y
ClientSampleId :

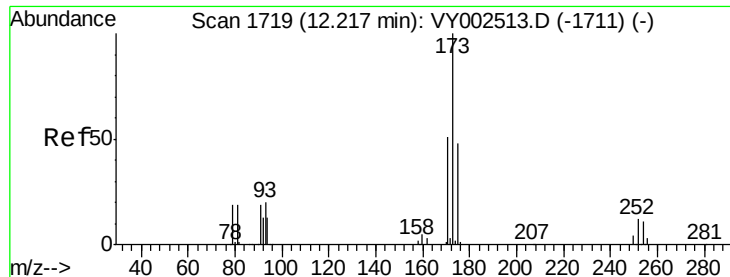
Tot Ion:106 Resp: 132012
Ion Ratio Lower Upper
106 100
91 204.4 103.8 311.3



#70
Styrene
Concen: 21.128 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion:104 Resp: 224348
Ion Ratio Lower Upper
104 100
78 45.7 37.4 56.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 19.960 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

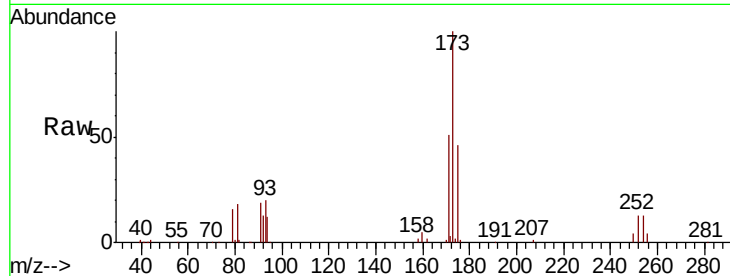
Tot Ion:173 Resp: 44887

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

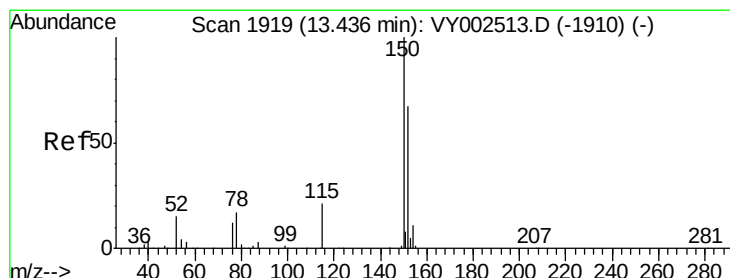
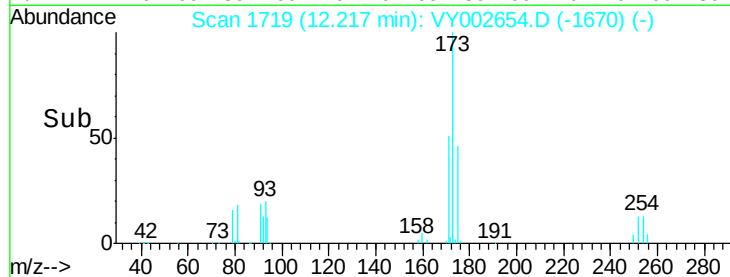
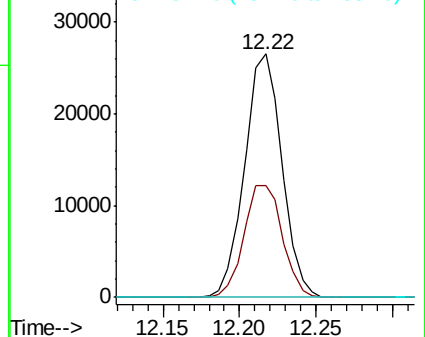
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

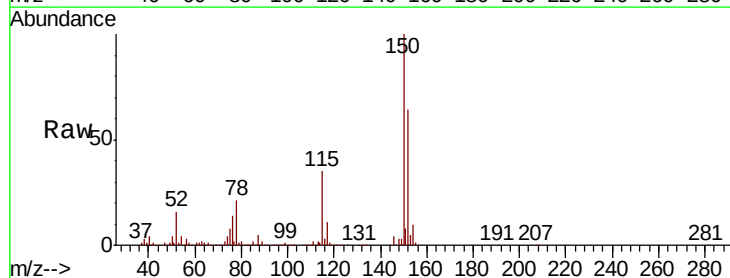
Tgt Ion:152 Resp: 264440

Ion Ratio Lower Upper

152 100

115 53.3 27.5 82.4

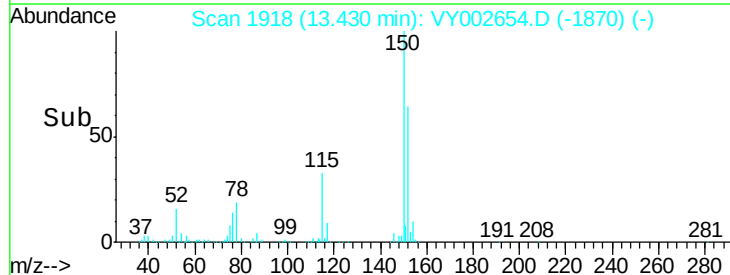
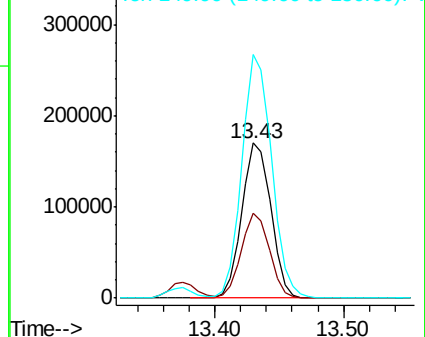
150 161.3 0.0 346.4

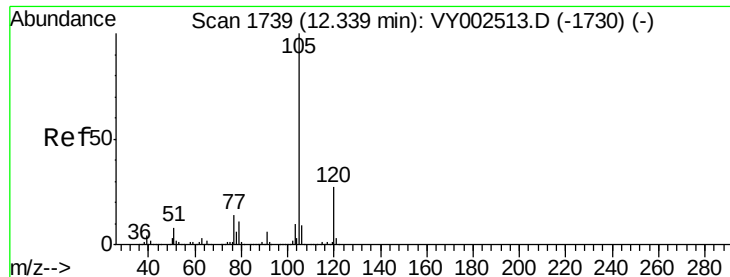


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.196 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

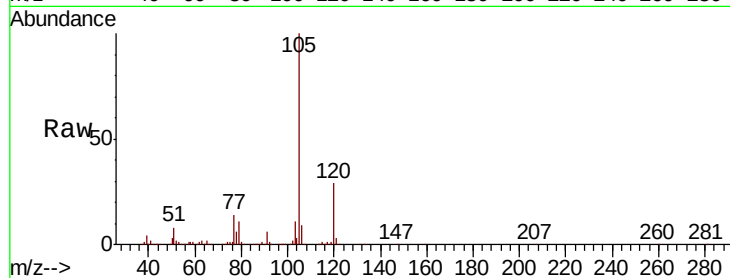
ClientSampleId :

Tot Ion:105 Resp: 363271

Ion Ratio Lower Upper

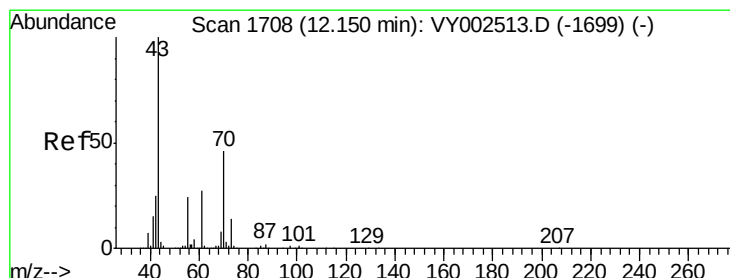
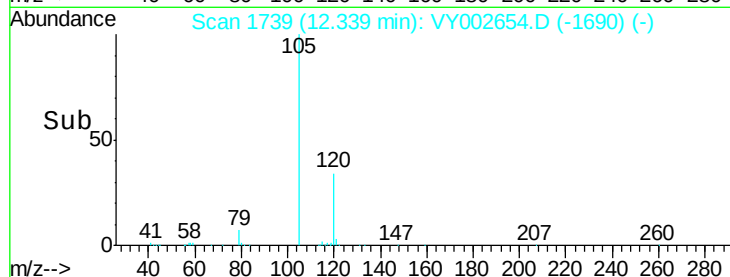
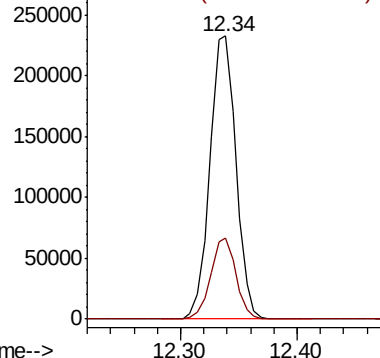
105 100

120 27.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.540 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Tgt Ion: 43 Resp: 80556

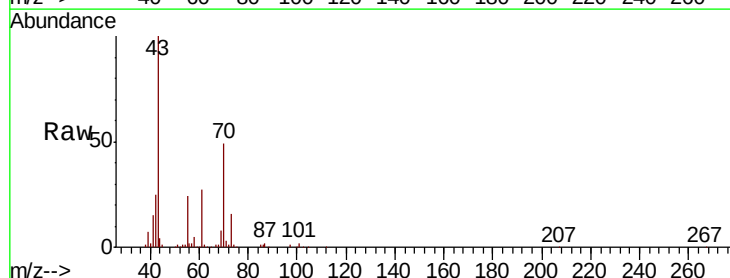
Ion Ratio Lower Upper

43 100

70 46.8 36.7 55.1

55 24.1 19.2 28.8

61 26.2 21.1 31.7

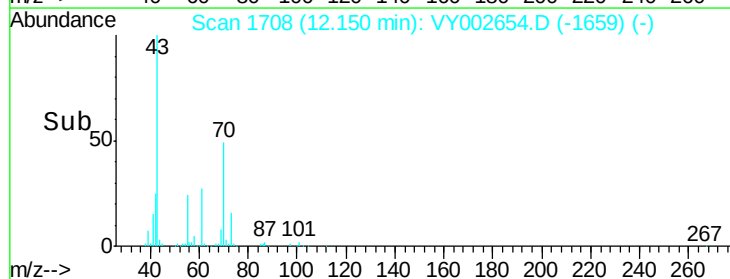
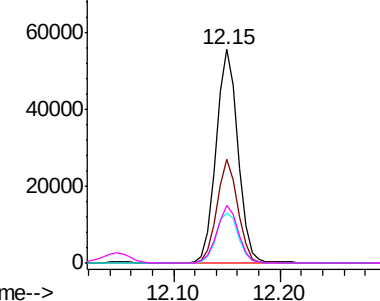


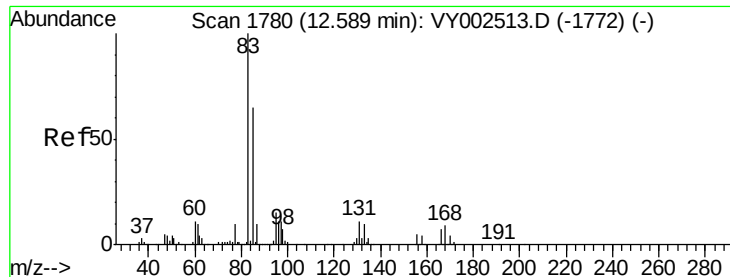
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.879 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampled :

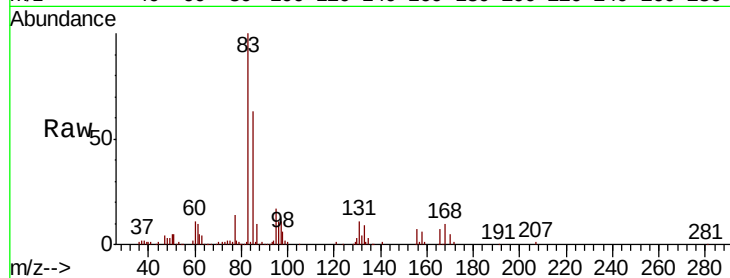
Tot Ion: 83 Resp: 48730

Ion Ratio Lower Upper

83 100

131 11.4 5.9 17.8

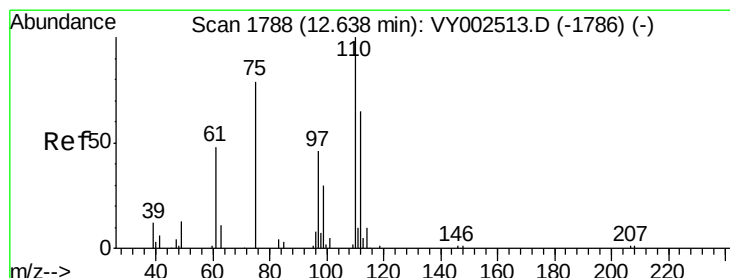
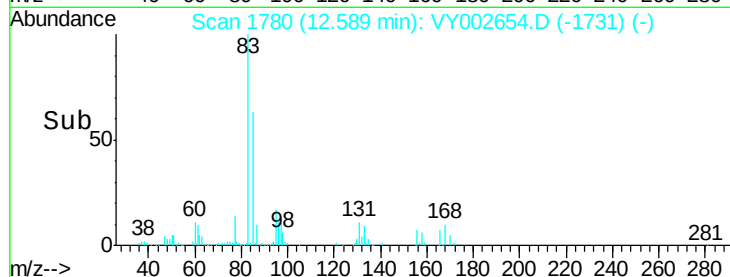
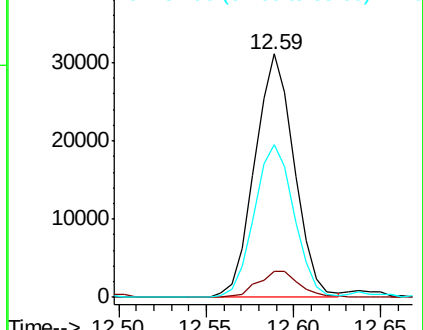
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 34.889 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002654.D

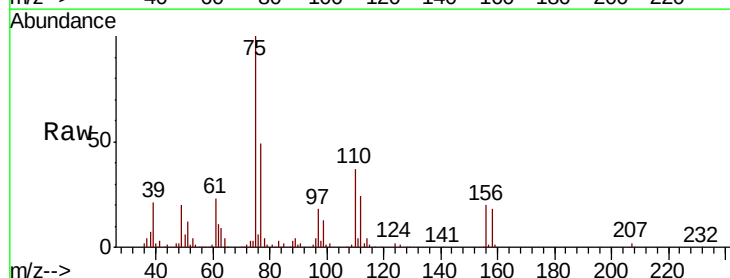
Acq: 11 May 2020 11:38

Tgt Ion: 75 Resp: 81988

Ion Ratio Lower Upper

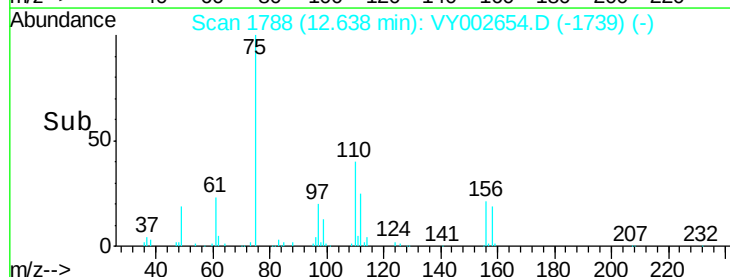
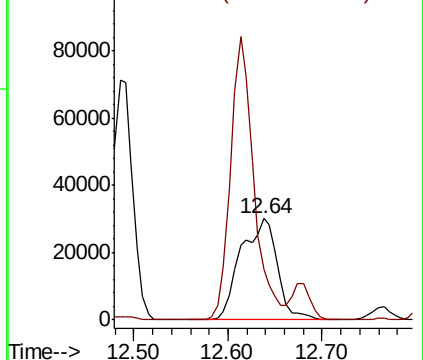
75 100

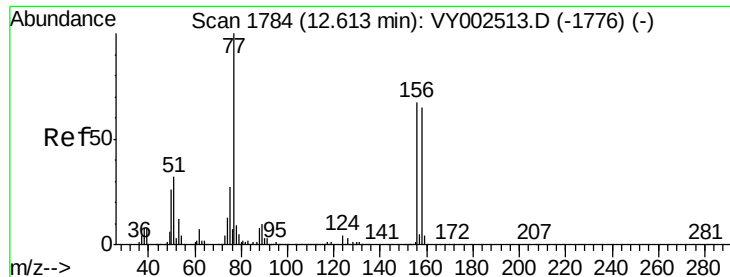
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.915 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

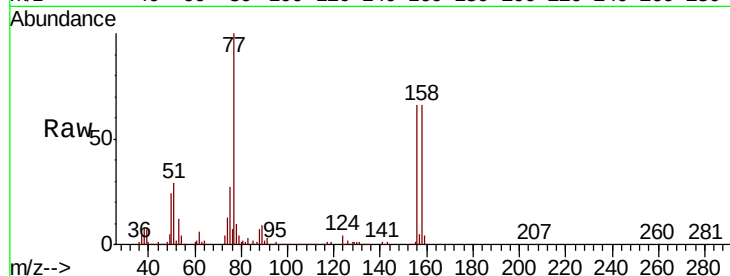
Tot Ion:156 Resp: 89555

Ion Ratio Lower Upper

156 100

77 162.7 82.0 245.8

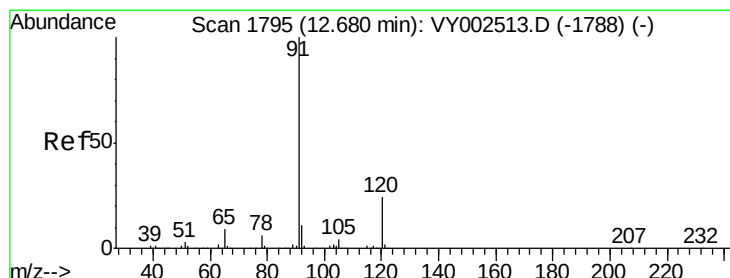
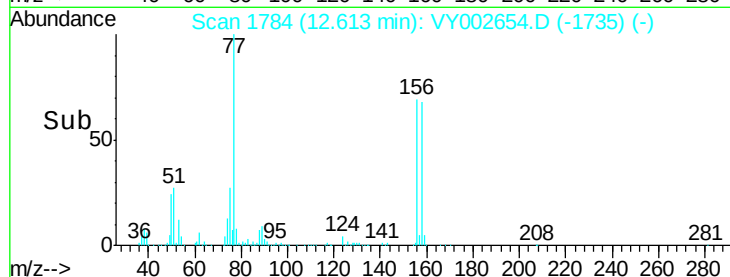
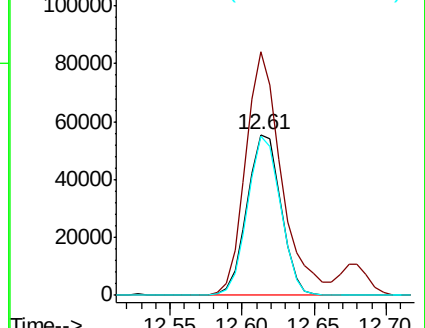
158 96.9 48.5 145.6



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: 21.225 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002654.D

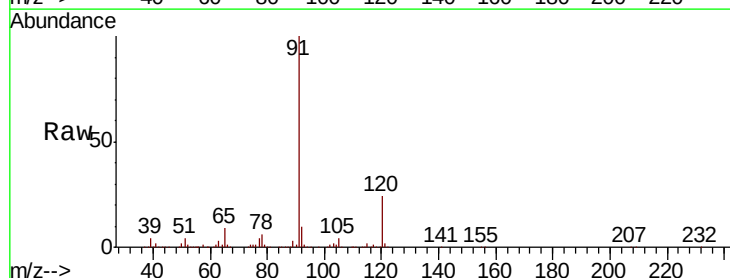
Acq: 11 May 2020 11:38

Tgt Ion: 91 Resp: 422128

Ion Ratio Lower Upper

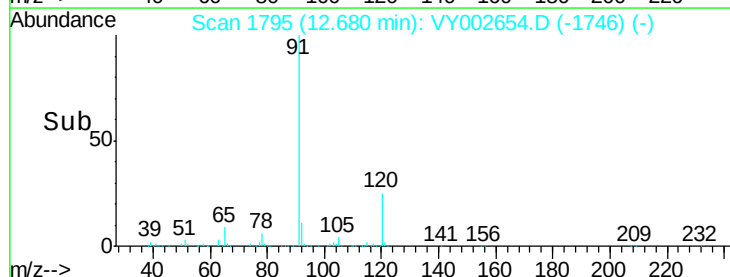
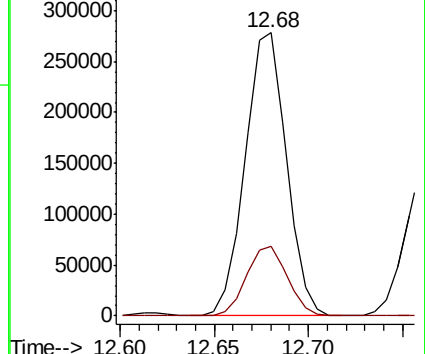
91 100

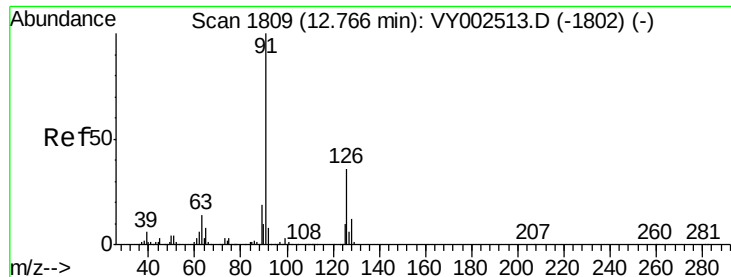
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

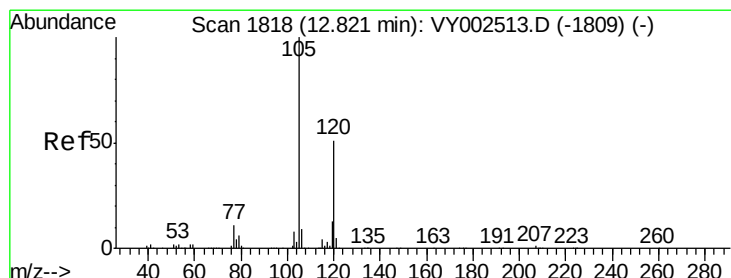
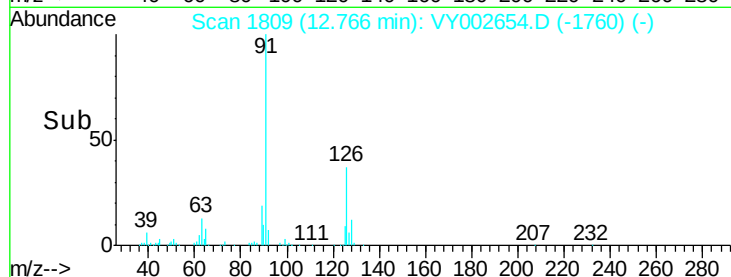
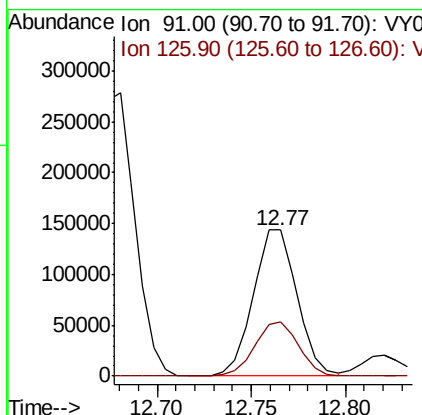
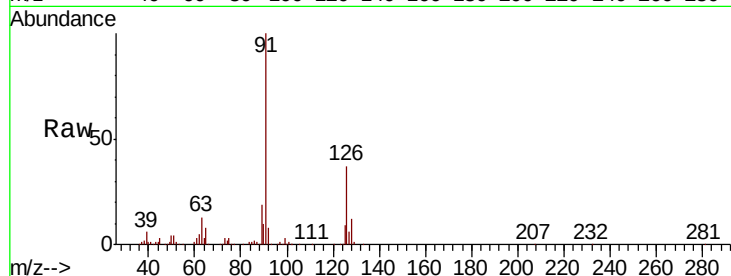




#79
 2-Chlorotoluene
 Concen: 21.034 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

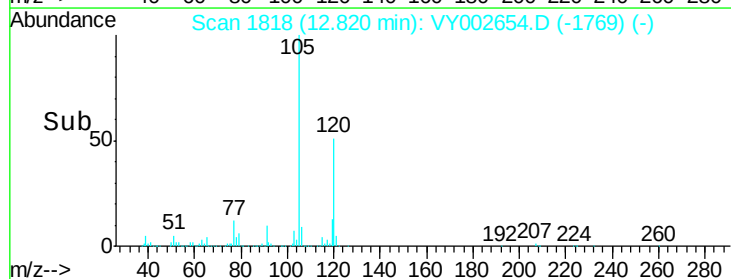
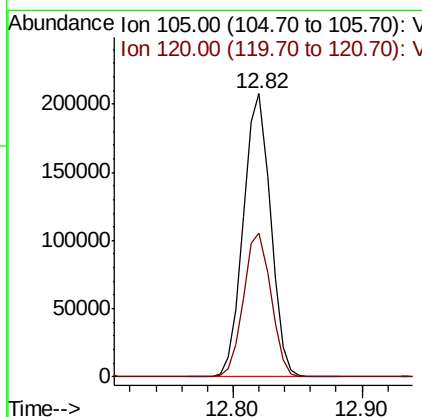
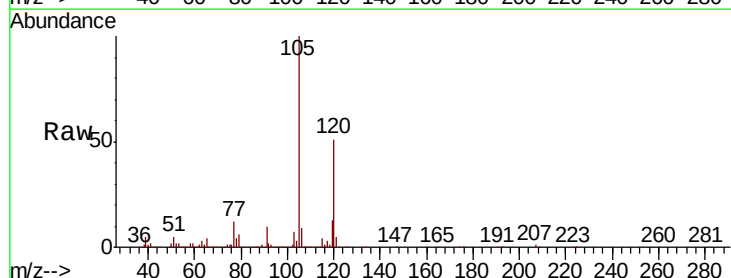
Instrument :
 MSVOA_Y
 ClientSampled :

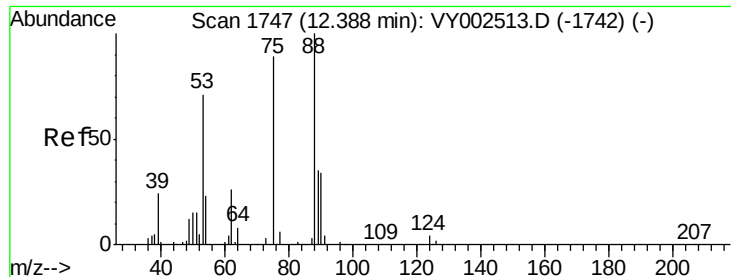
Tot Ion: 91 Resp: 231726
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.284 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion: 105 Resp: 302361
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.3 75.9

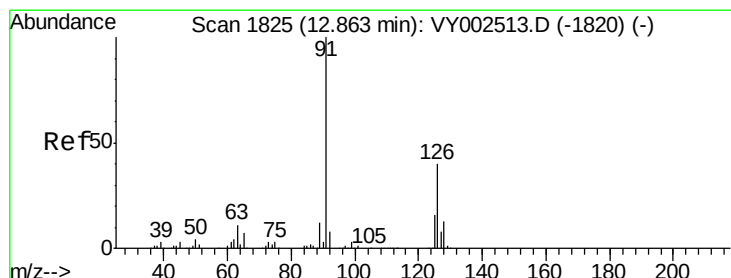
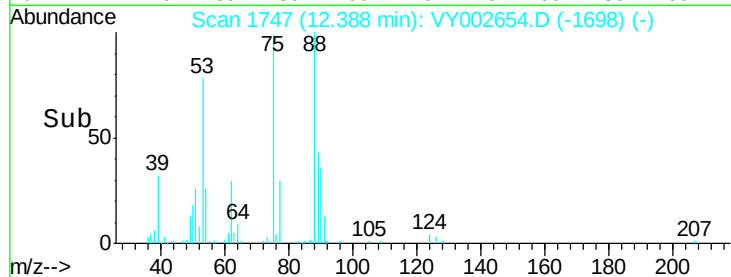
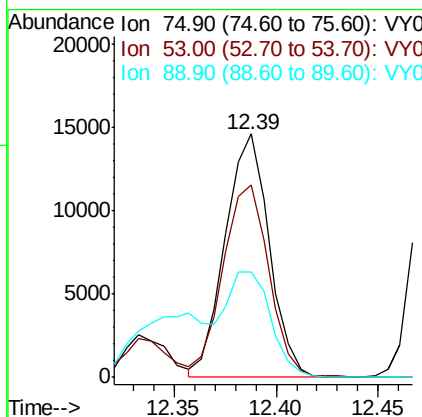
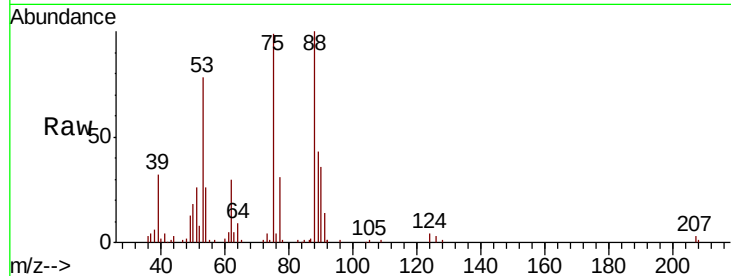




#81
trans-1,4-Dichloro-2-butene
Concen: 18.655 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

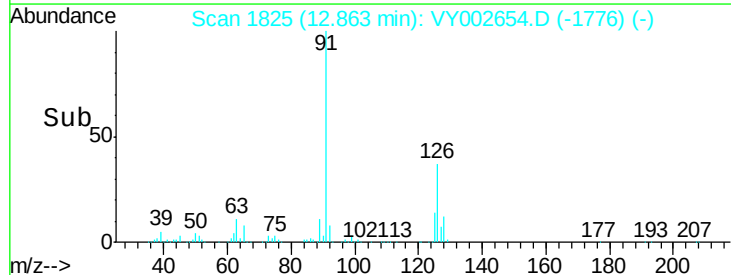
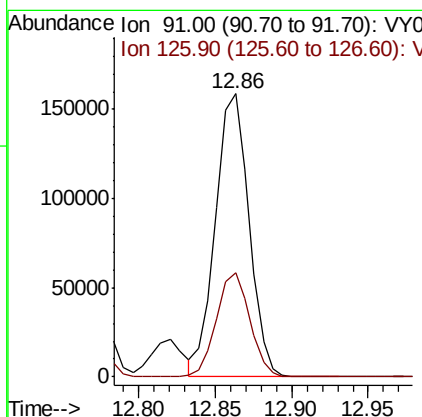
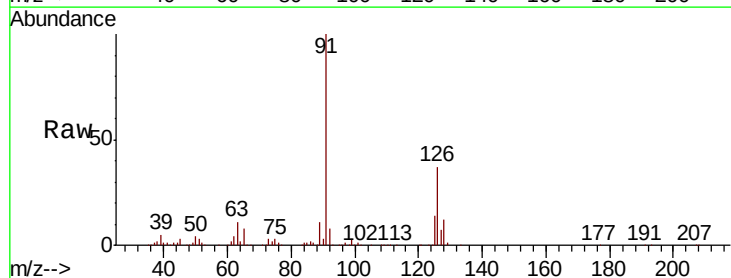
Instrument :
MSVOA_Y
ClientSampleId :

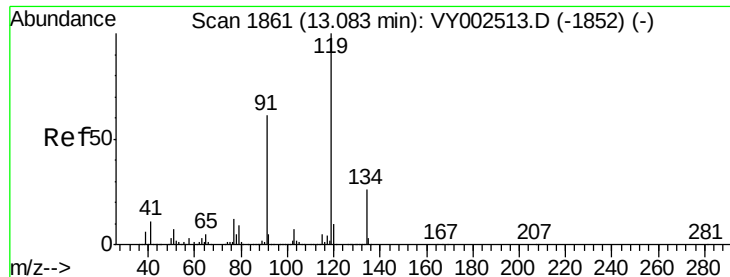
Tot Ion: 75 Resp: 21863
Ion Ratio Lower Upper
75 100
53 82.8 67.4 101.0
89 43.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.964 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion: 91 Resp: 242604
Ion Ratio Lower Upper
91 100
126 36.6 18.5 55.5

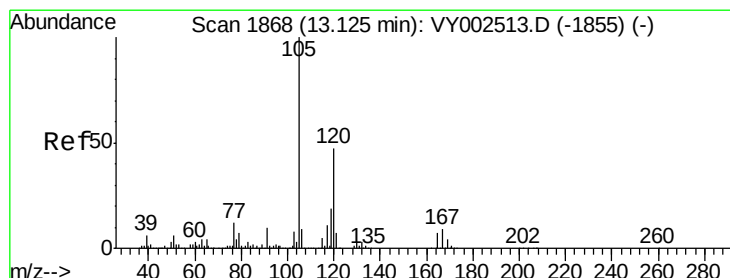
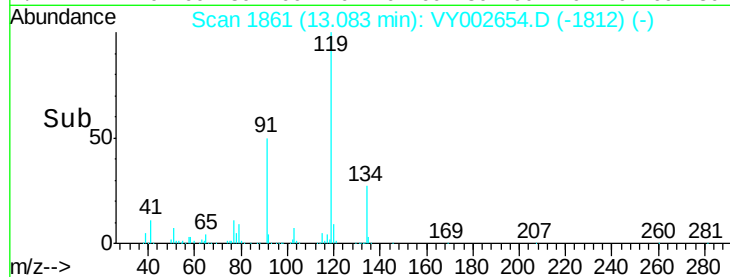
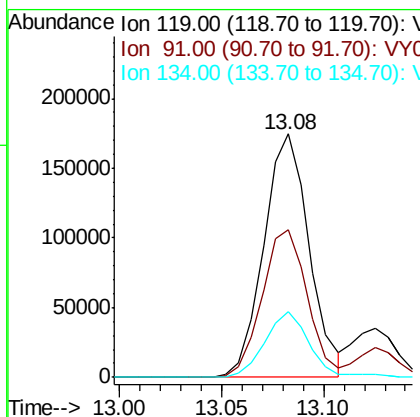
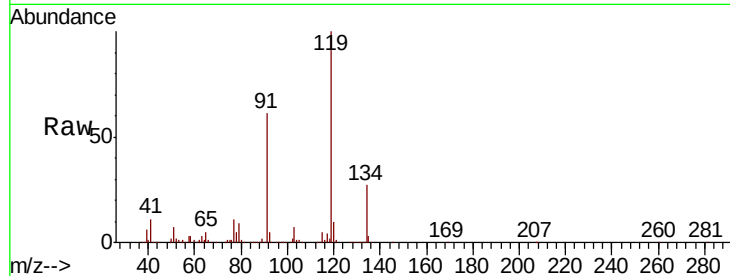




#83
 tert-Butylbenzene
 Concen: 21.744 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

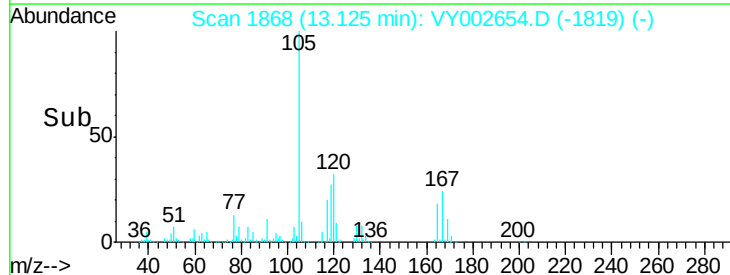
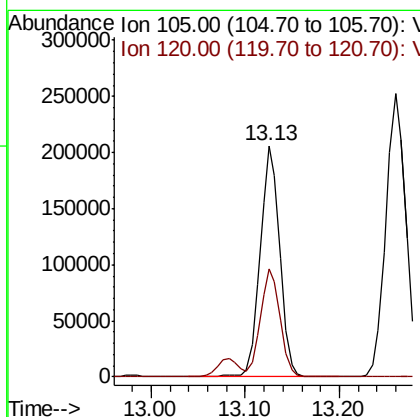
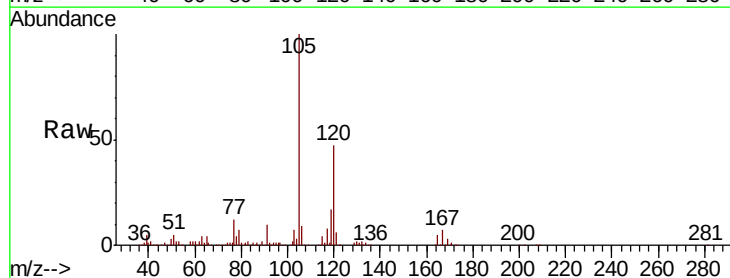
Instrument :
 MSVOA_Y
 ClientSampled :

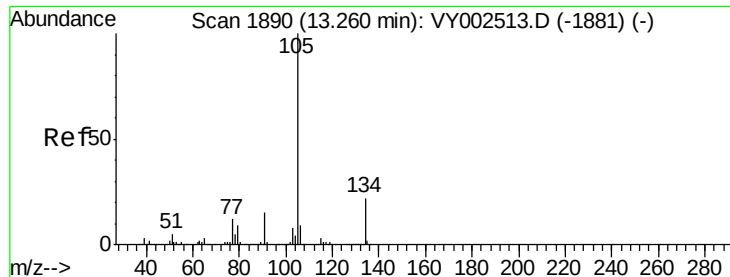
Tot Ion:119 Resp: 270849
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.6 91.6
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.375 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion:105 Resp: 302635
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.577 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

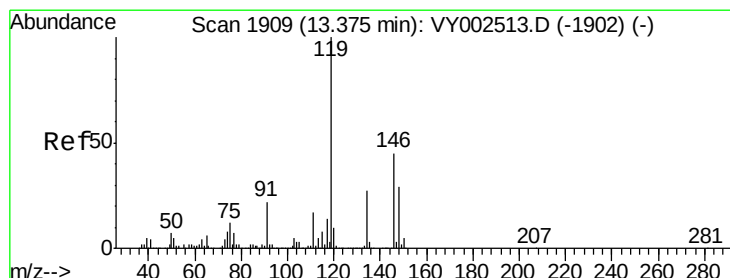
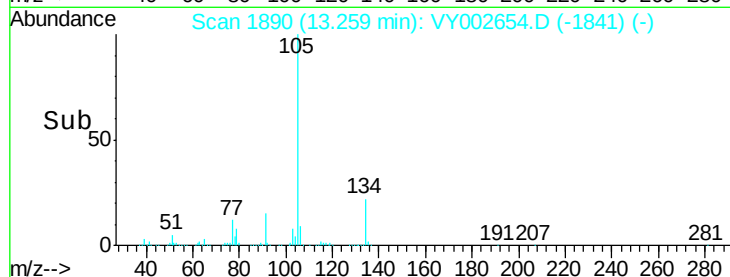
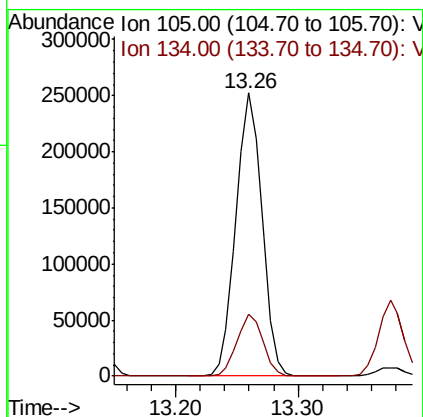
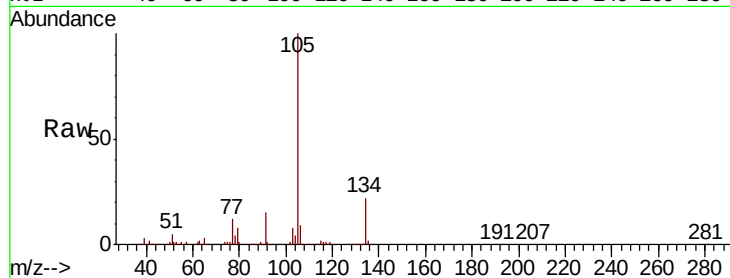
ClientSampled :

Tot Ion:105 Resp: 372957

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



#86

p-Isopropyltoluene

Concen: 21.438 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

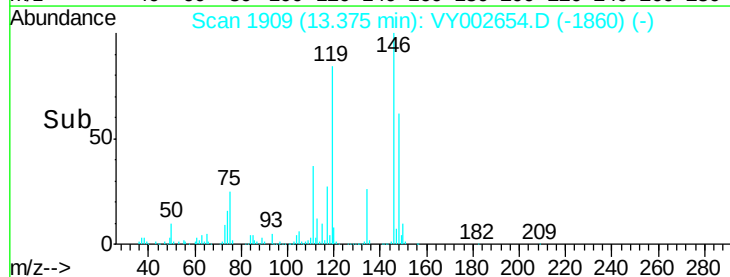
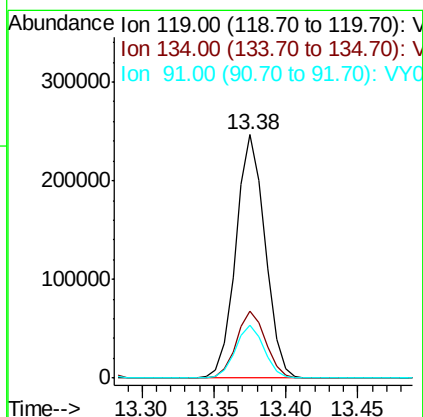
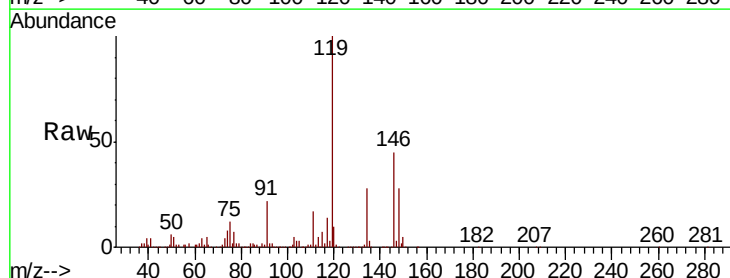
Tgt Ion:119 Resp: 347197

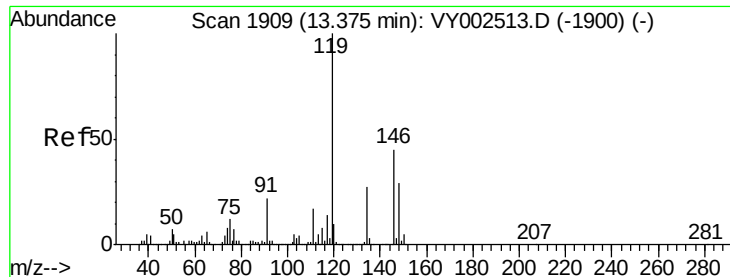
Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.5

91 21.5 10.9 32.9

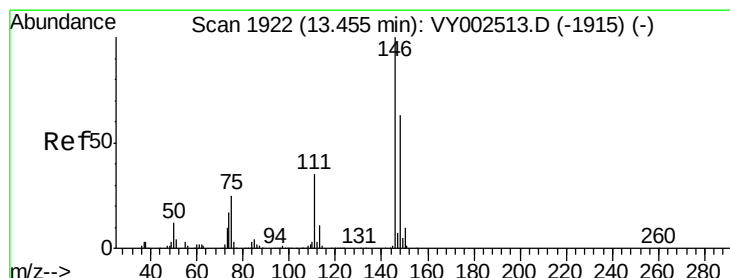
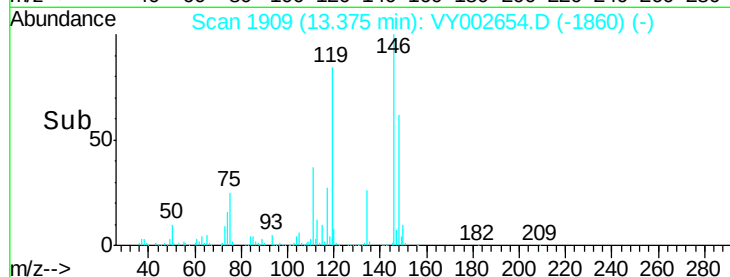
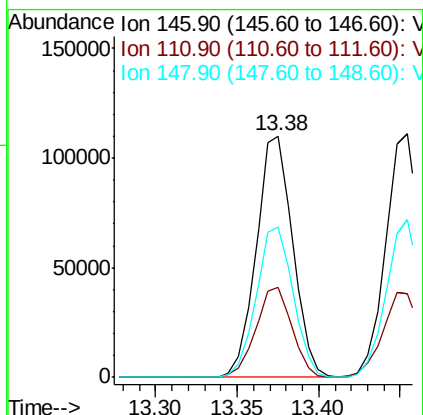
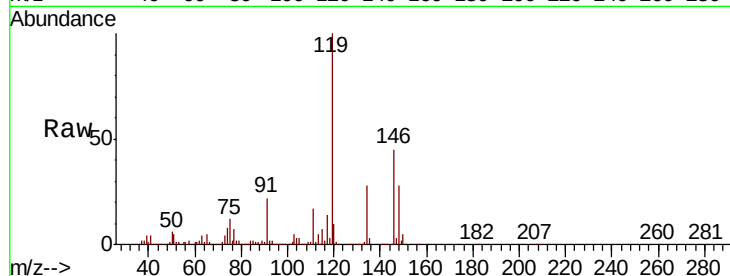




#87
 1,3-Dichlorobenzene
 Concen: 21.009 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

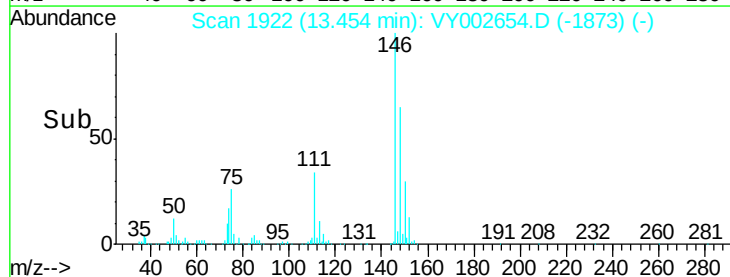
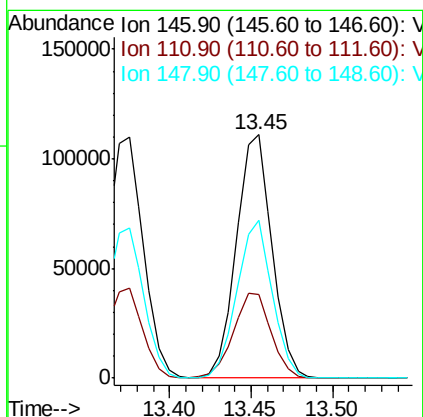
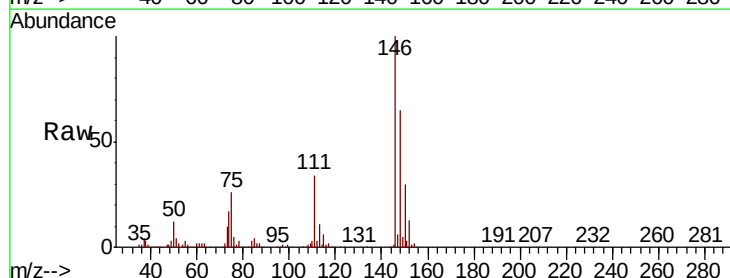
Instrument :
 MSVOA_Y
 ClientSampled :

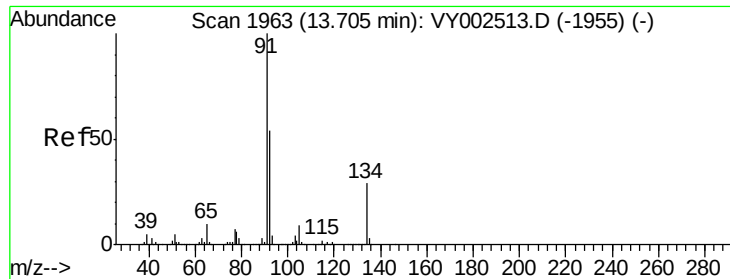
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	63.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.989 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.5	31.9	95.5





#89

n-Butylbenzene

Concen: 21.545 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002654.D

Acq: 11 May 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

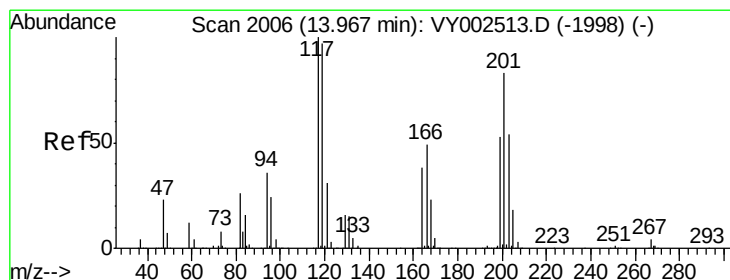
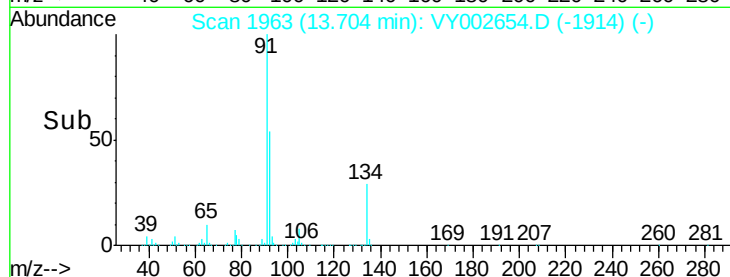
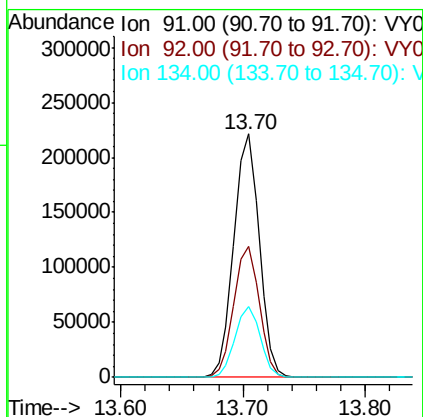
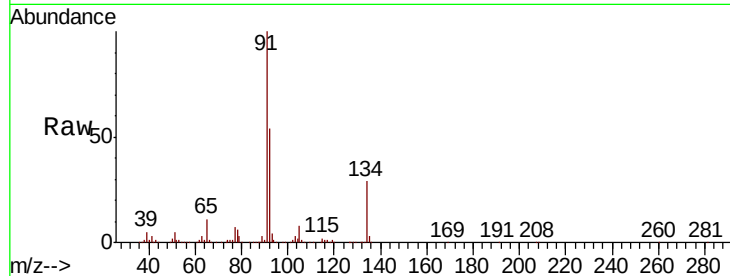
Tot Ion: 91 Resp: 317649

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.3

134 28.8 14.4 43.0



#90

Hexachloroethane

Concen: 21.402 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002654.D

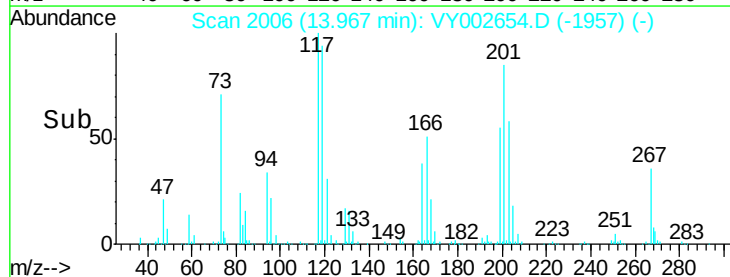
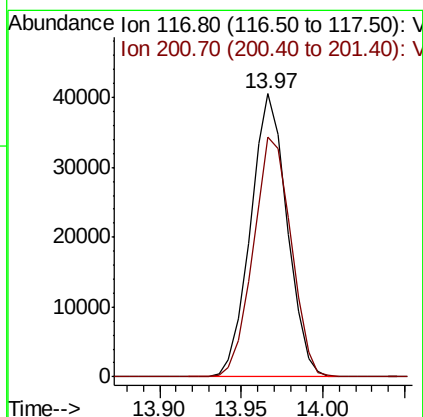
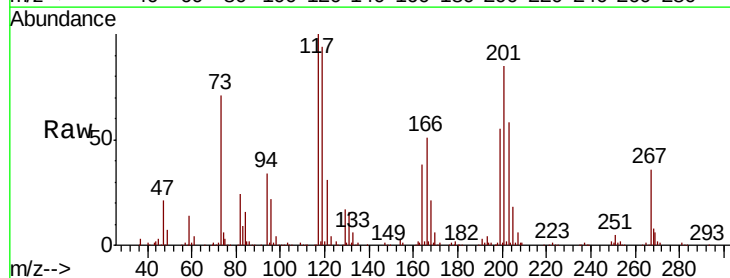
Acq: 11 May 2020 11:38

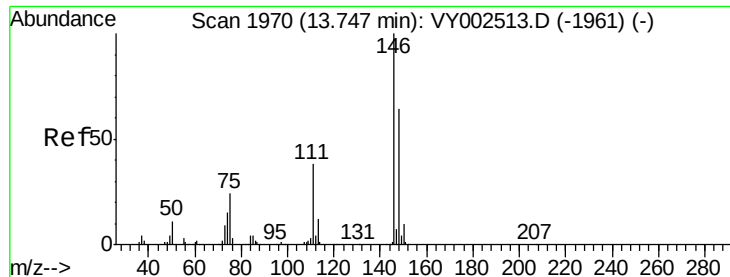
Tgt Ion: 117 Resp: 63122

Ion Ratio Lower Upper

117 100

201 87.3 44.4 133.2

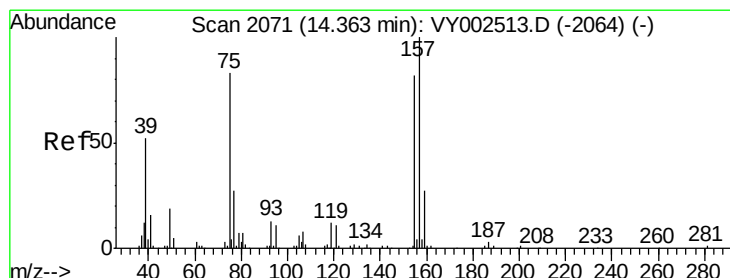
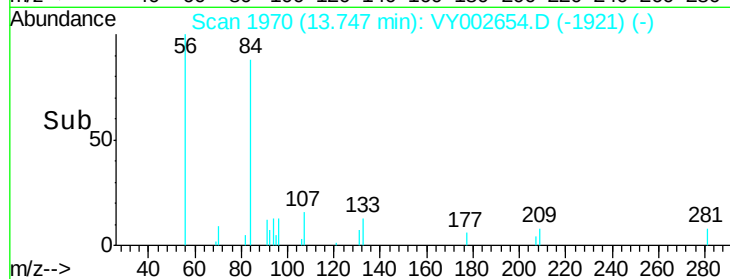
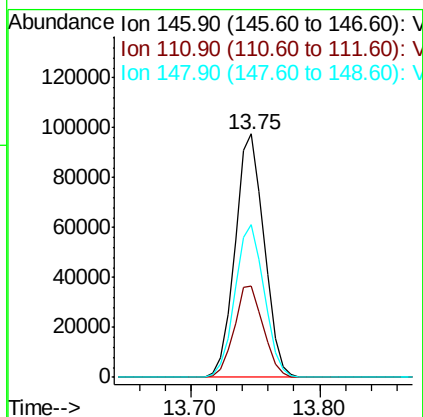
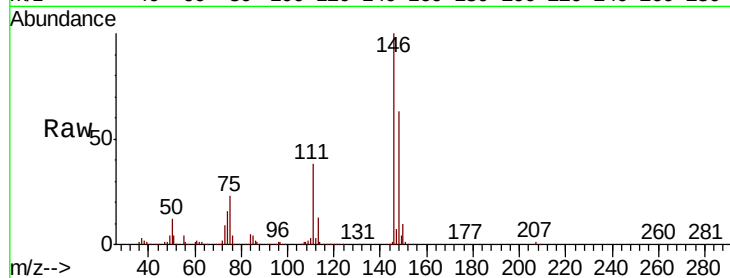




#91
 1,2-Dichlorobenzene
 Concen: 21.004 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

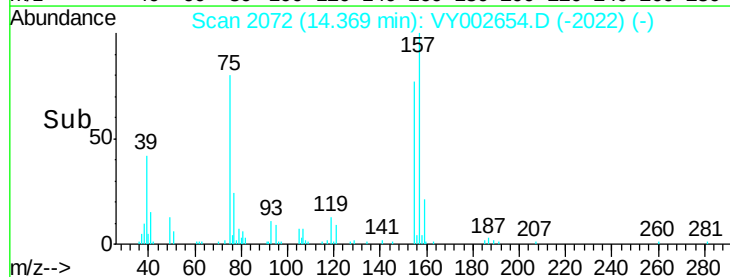
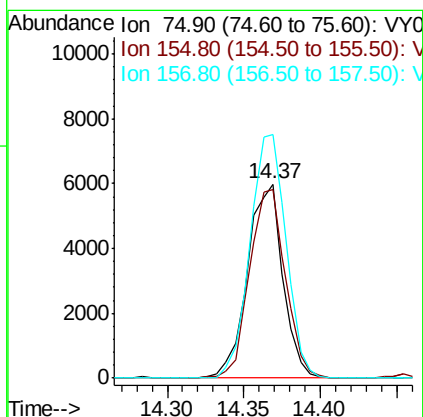
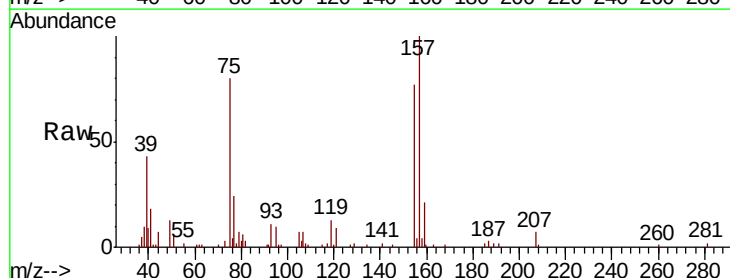
Instrument :
 MSVOA_Y
 ClientSampleId :

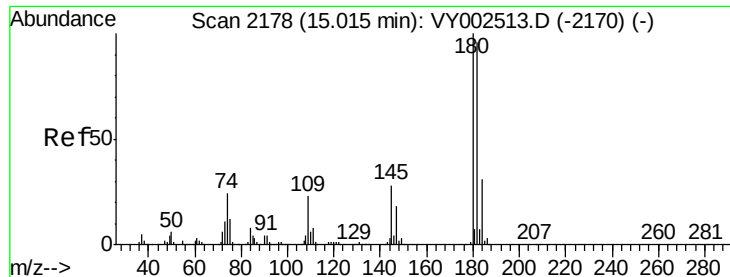
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	63.3	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.046 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	51.3	153.9
157	127.2	65.0	195.0

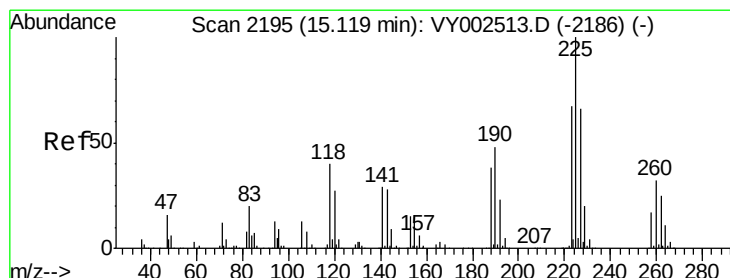
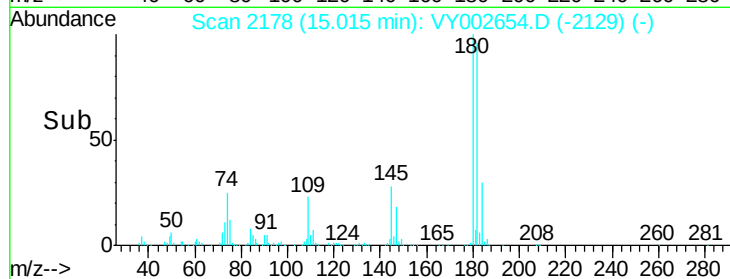
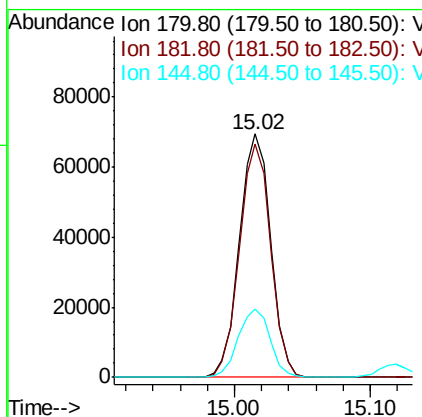
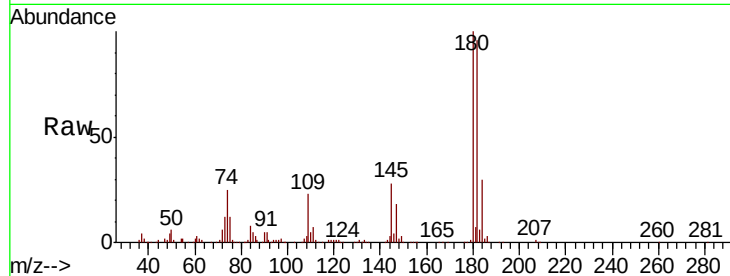




#93
 1,2,4-Trichlorobenzene
 Concen: 21.208 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

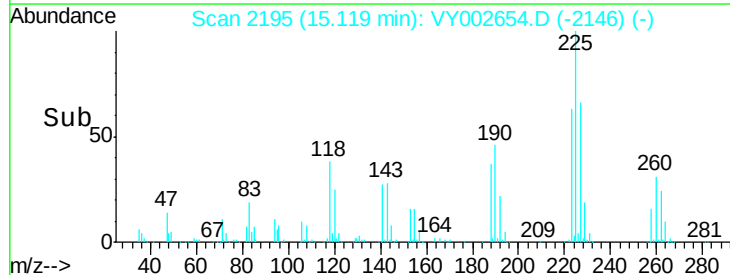
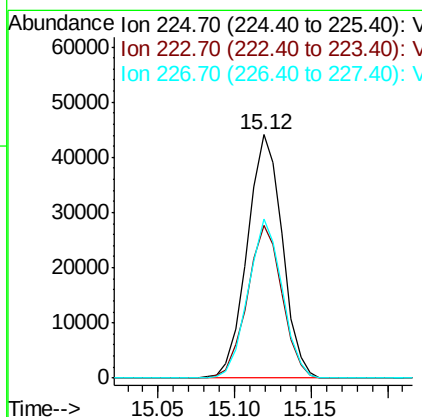
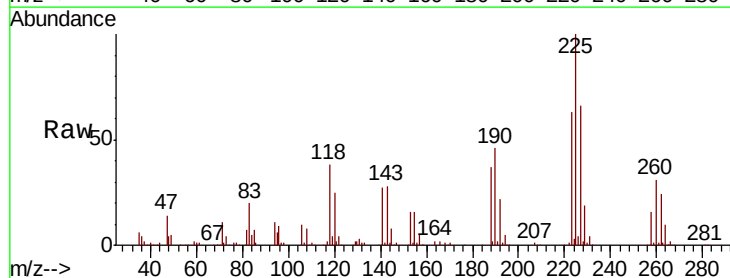
Instrument :
 MSVOA_Y
 ClientSampleId :

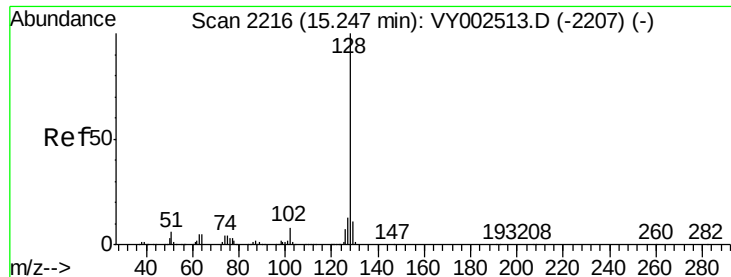
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 22.287 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002654.D
 Acq: 11 May 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.1	96.5
227	63.4	32.0	96.2

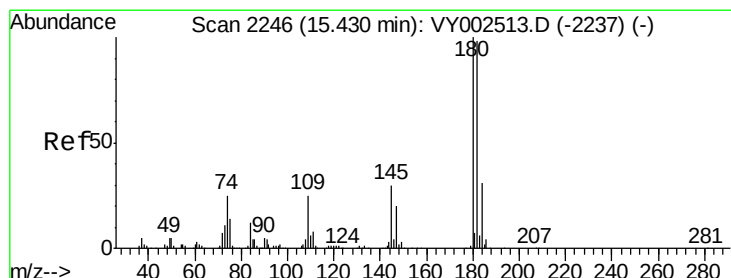
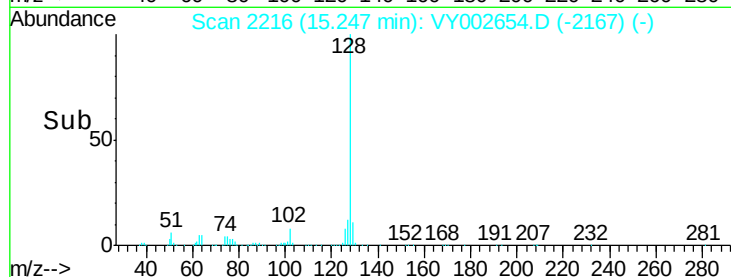
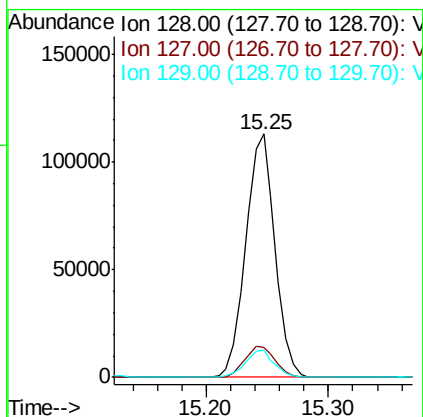
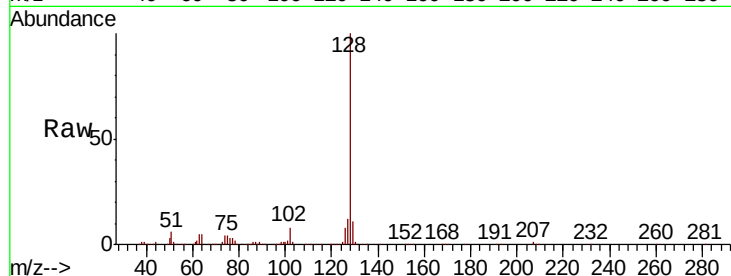




#95
Naphthalene
Concen: 19.552 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 187253
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.739 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002654.D
Acq: 11 May 2020 11:38

Tgt Ion:180 Resp: 92432
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 30.4 15.0 45.1

