

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002694.D
 Acq On : 15 May 2020 12:33
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 12:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	537889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	495920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	146342	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	
35) Dibromofluoromethane	7.72	113	152272	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
50) Toluene-d8	10.18	98	608096	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.48	95	205574	50.21	ug/l	0.00
Spiked Amount						
			Recovery	=	100.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	122727	47.090	ug/l	100
3) Chloromethane	2.12	50	142500	49.998	ug/l	100
4) Vinyl Chloride	2.25	62	151324	46.565	ug/l	100
5) Bromomethane	2.65	94	111966	48.669	ug/l	100
6) Chloroethane	2.80	64	98605	49.716	ug/l	100
7) Trichlorofluoromethane	3.13	101	257880	49.811	ug/l	100
8) Diethyl Ether	3.54	74	92706	52.746	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	156448	49.447	ug/l	100
10) Methyl Iodide	4.10	142	236615	54.793	ug/l	100
11) Tert butyl alcohol	4.97	59	71357	230.867	ug/l	100
12) 1,1-Dichloroethene	3.88	96	158147	51.095	ug/l	100
13) Acrolein	3.74	56	84967	363.995	ug/l	100
14) Allyl chloride	4.49	41	230005	51.198	ug/l	100
15) Acrylonitrile	5.18	53	212702	257.550	ug/l	100
16) Acetone	3.96	43	155600	250.932	ug/l	100
17) Carbon Disulfide	4.20	76	501793	53.860	ug/l	100
18) Methyl Acetate	4.48	43	87144	42.958	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	408575	50.745	ug/l	100
20) Methylene Chloride	4.72	84	172449	49.210	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	177548	52.302	ug/l	100
22) Diisopropyl ether	6.13	45	463297	50.868	ug/l	100
23) Vinyl Acetate	6.07	43	1516577	264.163	ug/l	100
24) 1,1-Dichloroethane	6.03	63	274627	51.028	ug/l	100
25) 2-Butanone	7.00	43	251060	247.767	ug/l	100
26) 2,2-Dichloropropane	6.99	77	243540	47.723	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	194168	51.634	ug/l	100
28) Bromochloromethane	7.34	49	105076	47.823	ug/l	100
29) Tetrahydrofuran	7.35	42	173514	257.585	ug/l	100
30) Chloroform	7.52	83	287027	51.077	ug/l	100
31) Cyclohexane	7.79	56	265308	48.890	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	261810	50.309	ug/l	100
36) 1,1-Dichloropropene	7.93	75	227166	50.679	ug/l	100
37) Ethyl Acetate	7.08	43	118385	51.274	ug/l	100
38) Carbon Tetrachloride	7.91	117	249285	50.915	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	306892	51.635	ug/l	100
40) Benzene	8.17	78	672328	51.637	ug/l	100
41) Methacrylonitrile	7.35	41	158165	127.517	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	179478	49.758	ug/l	100
43) Isopropyl Acetate	8.28	43	220645	51.102	ug/l	100
44) Trichloroethene	8.94	130	214494	52.471	ug/l	100
45) 1,2-Dichloropropane	9.22	63	157926	50.505	ug/l	100
46) Dibromomethane	9.31	93	91936	51.084	ug/l	100
47) Bromodichloromethane	9.50	83	223604	51.049	ug/l	100
48) Methyl methacrylate	9.30	41	101065	51.790	ug/l	100
49) 1,4-Dioxane	9.30	88	24729	1040.027	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	570372	257.207	ug/l	100
52) Toluene	10.24	92	433310	51.783	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	237438	51.768	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	275806	51.854	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	134539	51.247	ug/l	100
56) Ethyl methacrylate	10.51	69	186456	53.298	ug/l	100
57) 1,3-Dichloropropane	10.79	76	228392	51.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	454331	245.390	ug/l	100
59) 2-Hexanone	10.83	43	400589	262.335	ug/l	100
60) Dibromochloromethane	10.99	129	176247	52.536	ug/l	100
61) 1,2-Dibromoethane	11.09	107	134727	51.631	ug/l	100
64) Tetrachloroethene	10.72	164	237971	53.686	ug/l	100
65) Chlorobenzene	11.52	112	480531	51.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	180442	51.704	ug/l	100
67) Ethyl Benzene	11.59	91	843869	51.185	ug/l	100
68) m/p-Xylenes	11.70	106	657556	102.909	ug/l	100
69) o-Xylene	12.03	106	310435	51.755	ug/l	100
70) Styrene	12.05	104	536364	52.370	ug/l	100
71) Bromoform	12.20	173	114851	53.054	ug/l #	100
73) Isopropylbenzene	12.33	105	847270	50.500	ug/l	100
74) N-amyl acetate	12.14	43	208321	51.908	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	127050	48.272	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	204914	90.800	ug/l #	100
77) Bromobenzene	12.61	156	211962	50.574	ug/l	100
78) n-propylbenzene	12.67	91	985028	50.594	ug/l	100
79) 2-Chlorotoluene	12.75	91	543641	50.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	713834	51.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	57354	50.325	ug/l	100
82) 4-Chlorotoluene	12.85	91	565959	50.010	ug/l	100
83) tert-Butylbenzene	13.08	119	625947	51.299	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	711424	51.234	ug/l	100
85) sec-Butylbenzene	13.25	105	863384	50.983	ug/l	100
86) p-Isopropyltoluene	13.37	119	814805	51.344	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	402234	50.595	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	401279	51.016	ug/l	100
89) n-Butylbenzene	13.69	91	740044	51.158	ug/l	100
90) Hexachloroethane	13.96	117	150371	51.835	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	362264	51.086	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24166	48.959	ug/l	100

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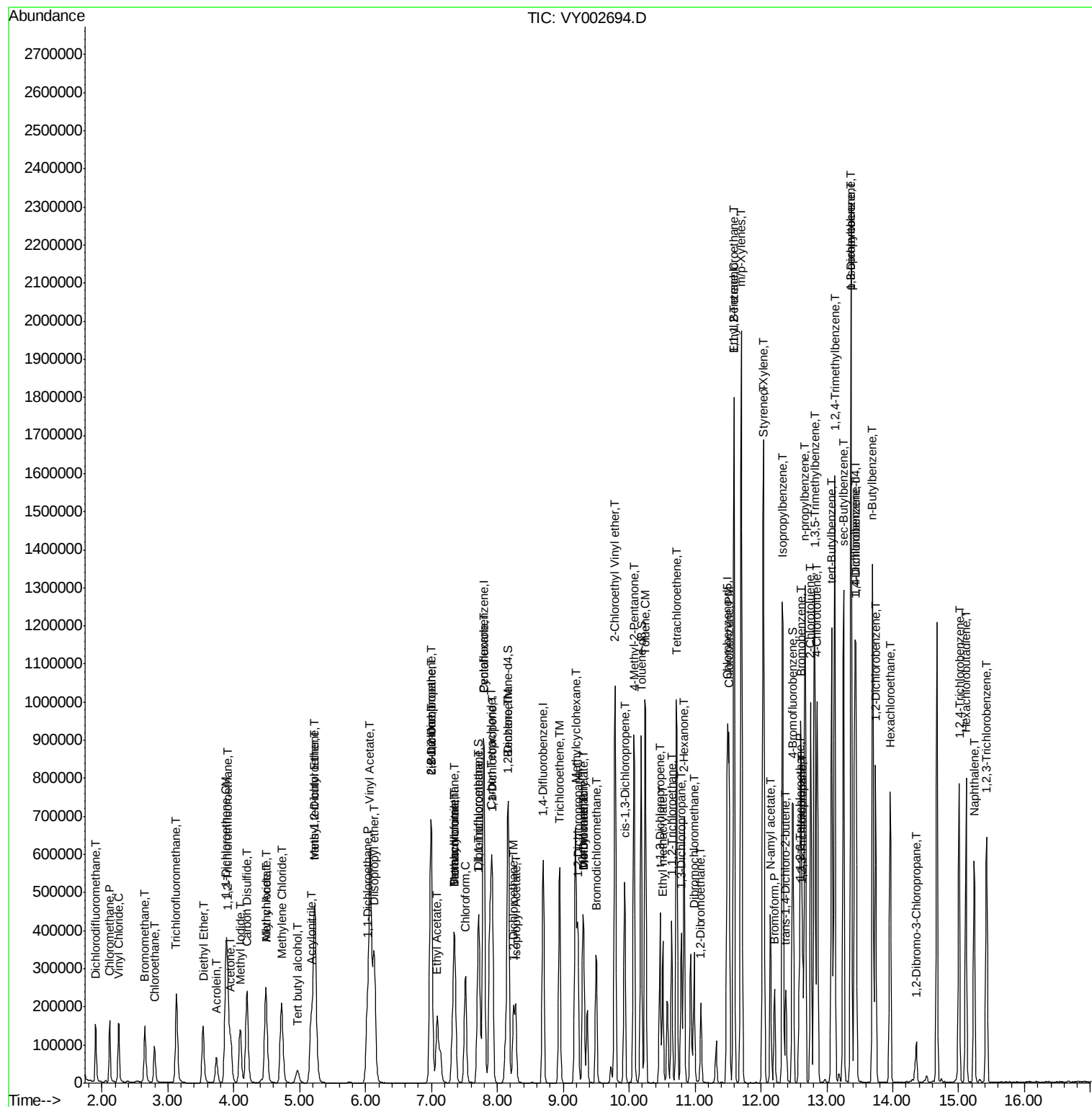
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	269904	52.180	ug/l	100
94) Hexachlorobutadiene	15.11	225	161185	51.823	ug/l	100
95) Naphthalene	15.23	128	492471	52.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	227385	51.854	ug/l	100

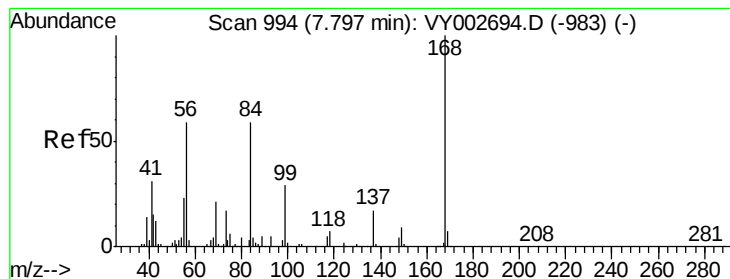
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

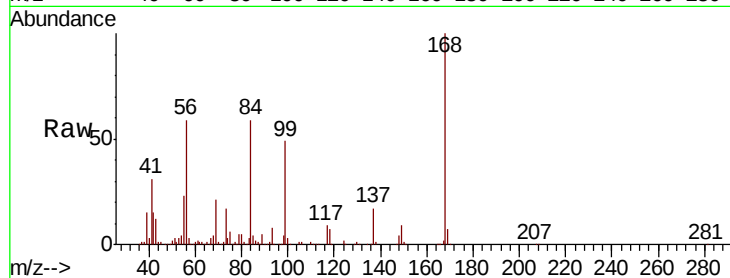
ClientSampled :

Tot Ion:168 Resp: 360902

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

150000

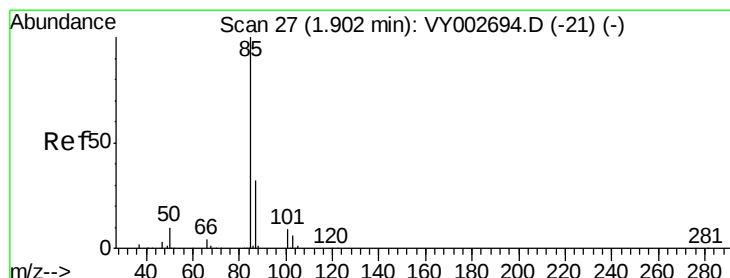
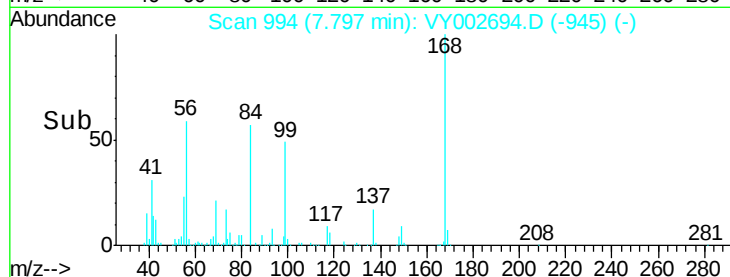
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.090 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002694.D

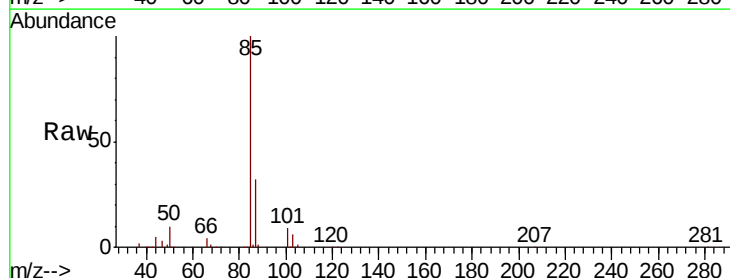
Acq: 15 May 2020 12:33

Tgt Ion: 85 Resp: 122727

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.90

100000

80000

60000

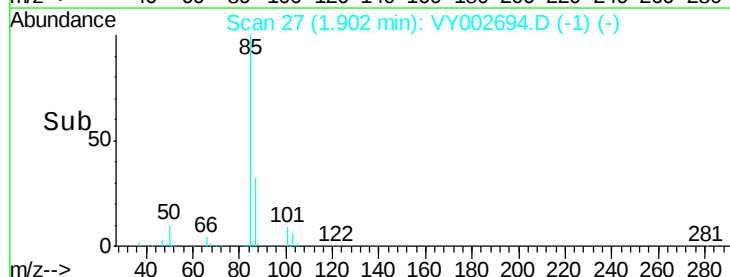
40000

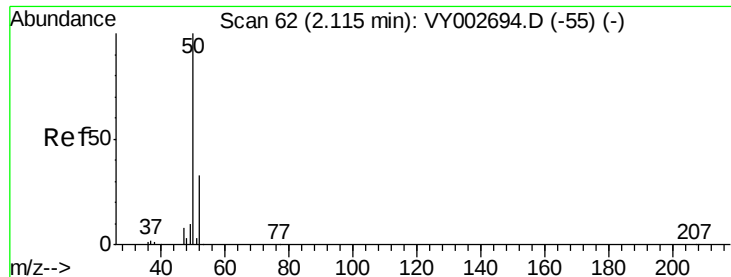
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.998 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

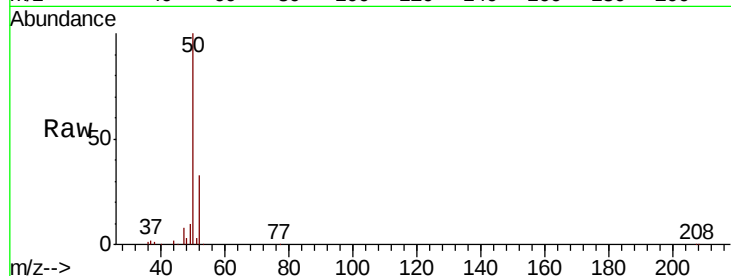
ClientSampled :

Tot Ion: 50 Resp: 142500

Ion Ratio Lower Upper

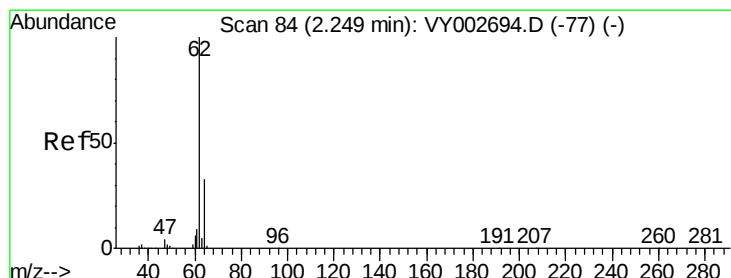
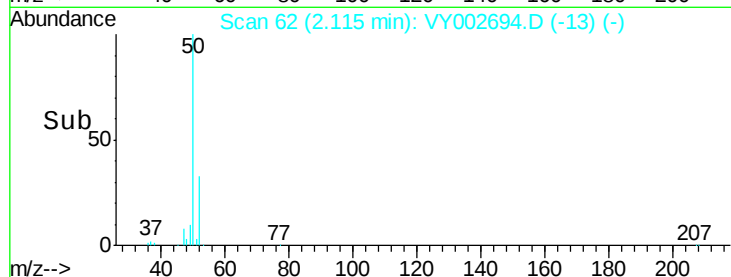
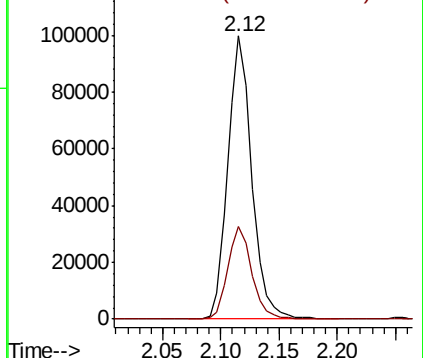
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.565 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY002694.D

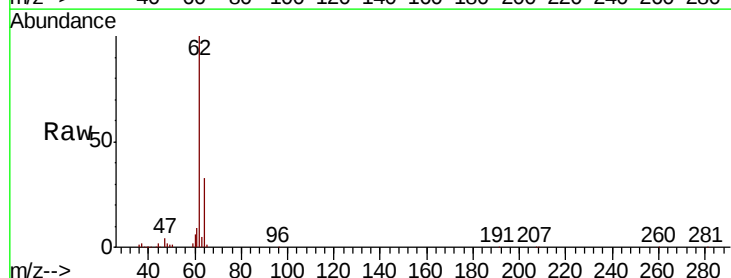
Acq: 15 May 2020 12:33

Tgt Ion: 62 Resp: 151324

Ion Ratio Lower Upper

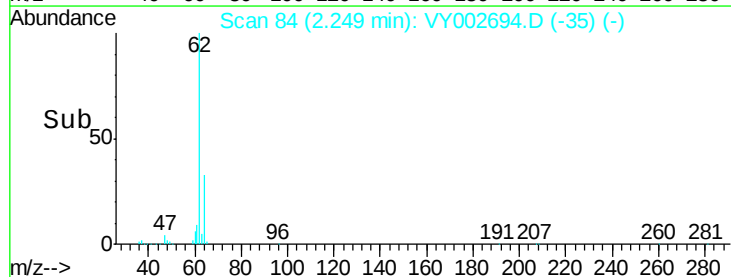
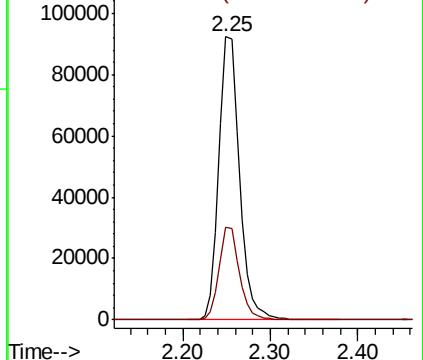
62 100

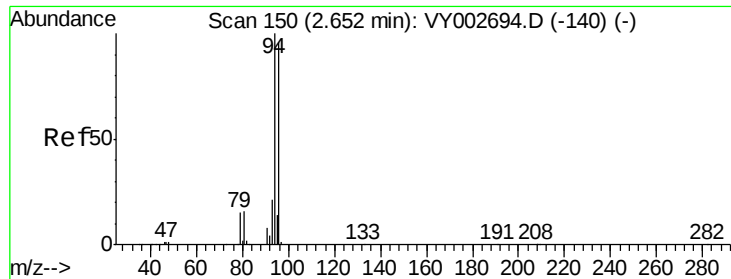
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.669 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

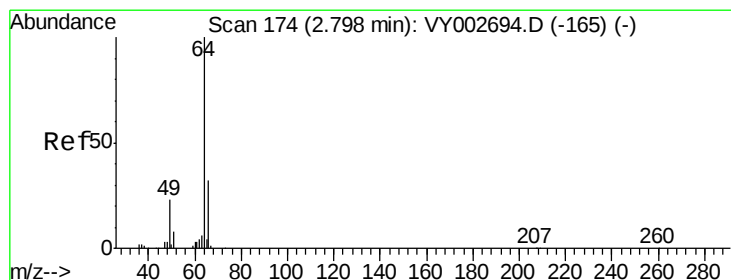
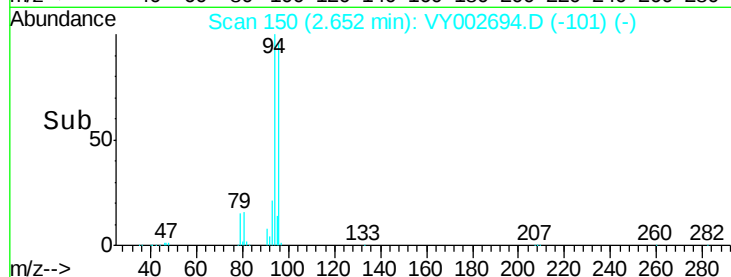
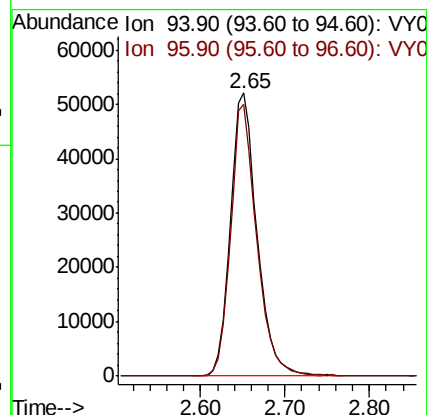
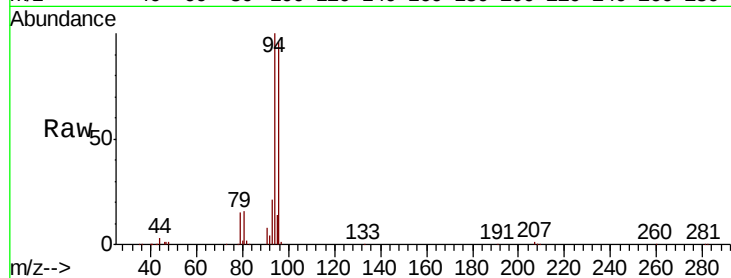
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 111966

Ion Ratio Lower Upper

94 100

96 96.0 76.8 115.2



#6

Chloroethane

Concen: 49.716 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002694.D

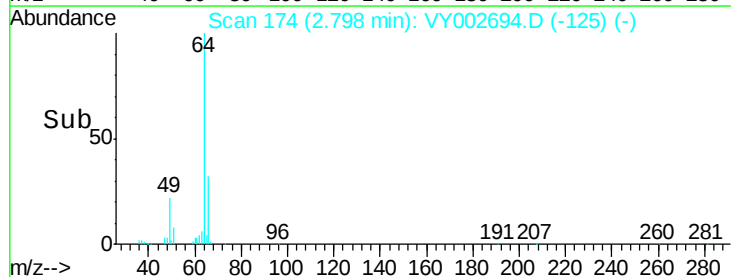
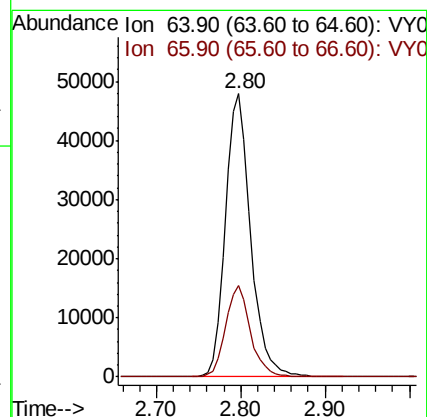
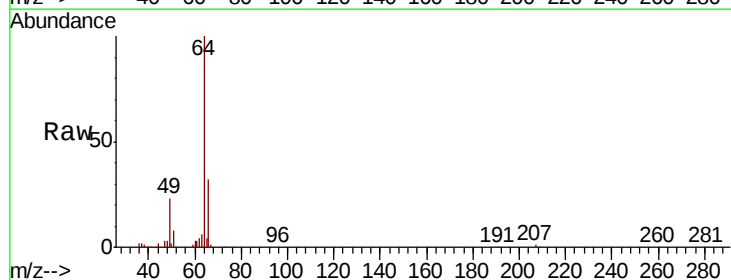
Acq: 15 May 2020 12:33

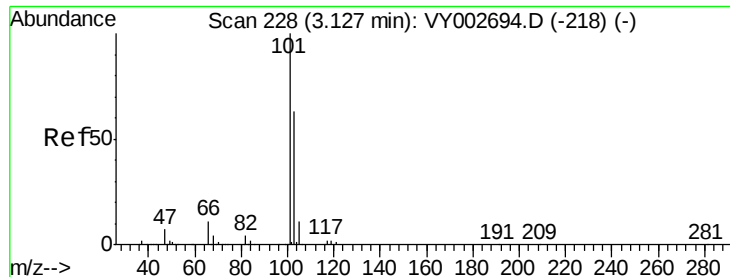
Tgt Ion: 64 Resp: 98605

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9



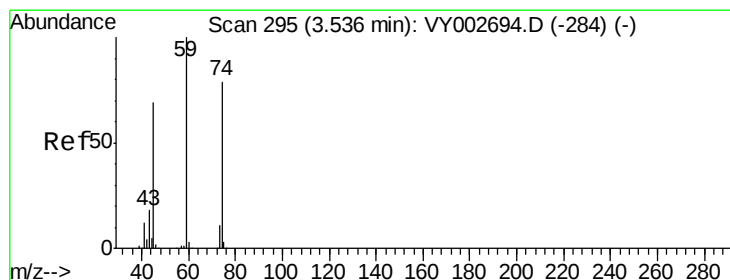
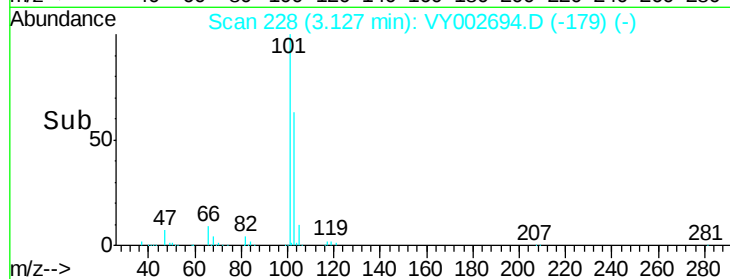
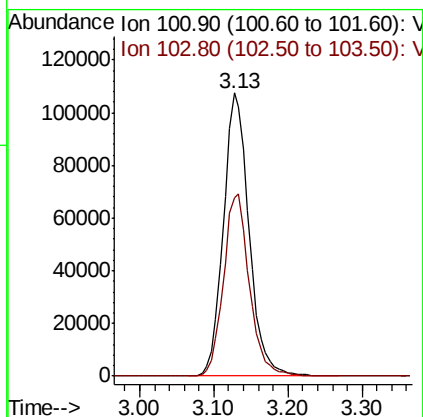
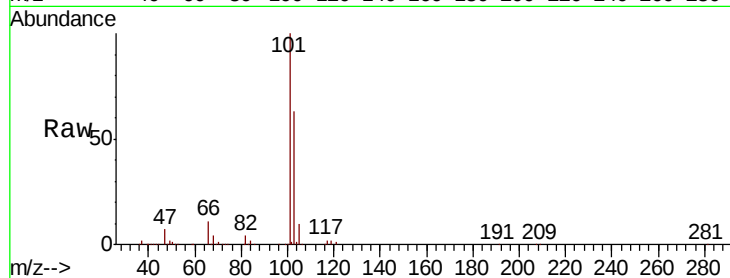


#7

Trichlorofluoromethane
Concen: 49.811 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

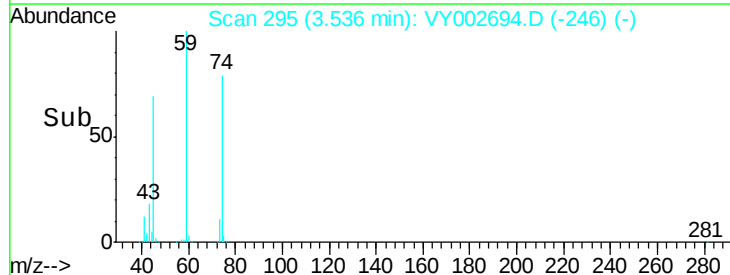
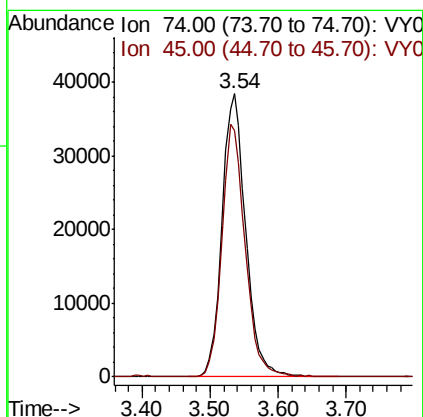
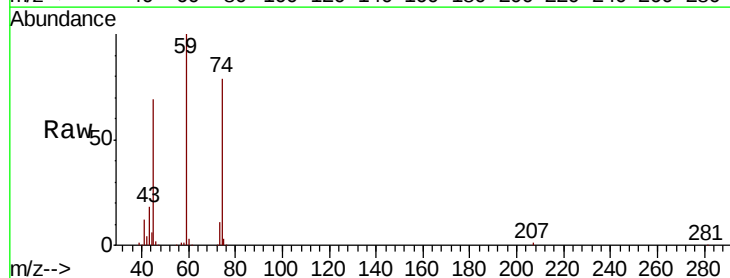
Tot Ion:101 Resp: 257880
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8

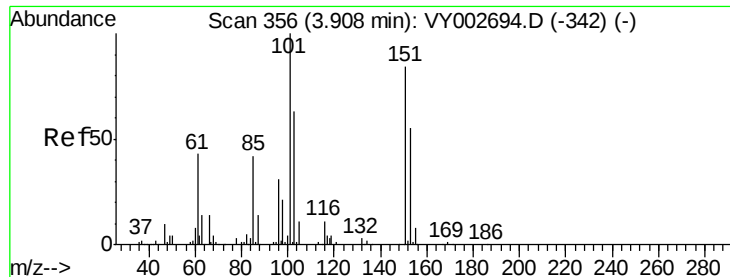


#8

Diethyl Ether
Concen: 52.746 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 74 Resp: 92706
Ion Ratio Lower Upper
74 100
45 87.5 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.447 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

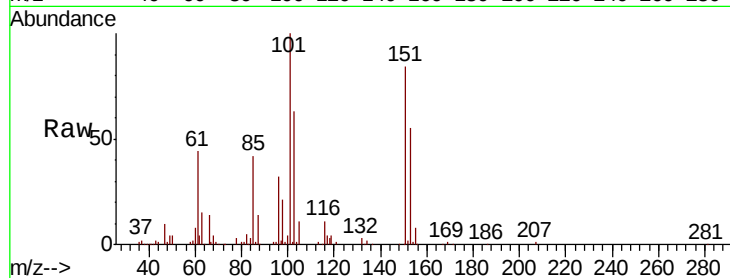
Tot Ion:101 Resp: 156448

Ion Ratio Lower Upper

101 100

85 41.9 33.5 50.3

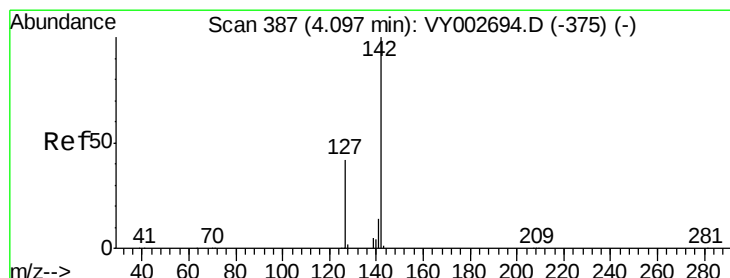
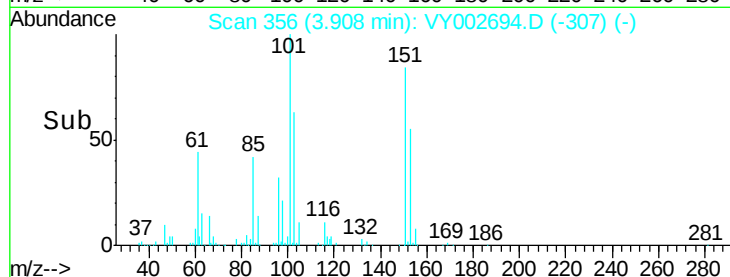
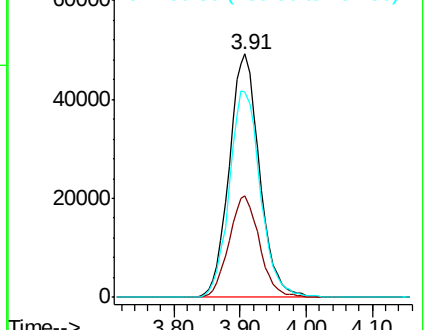
151 87.0 69.6 104.4



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: 54.793 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

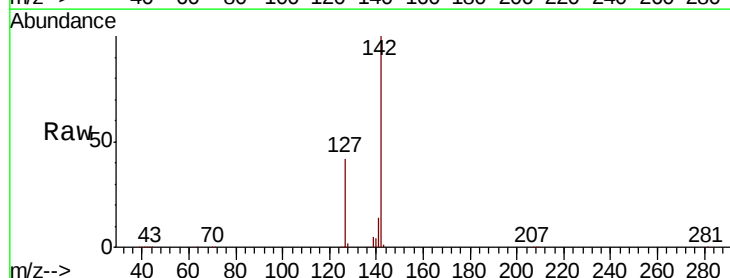
Tgt Ion:142 Resp: 236615

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

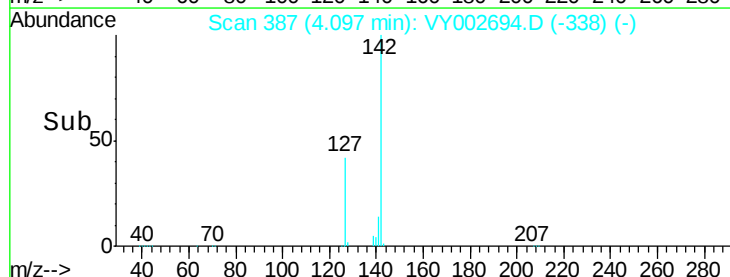
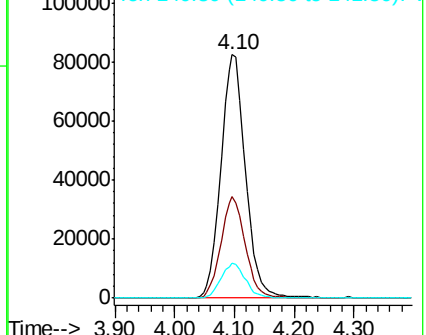
141 14.1 11.3 16.9

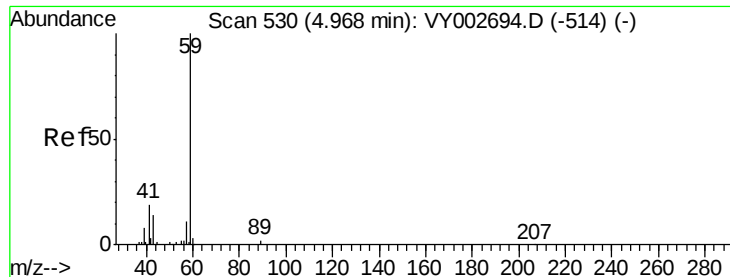


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

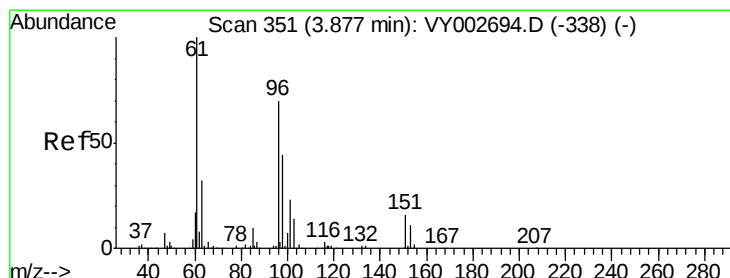
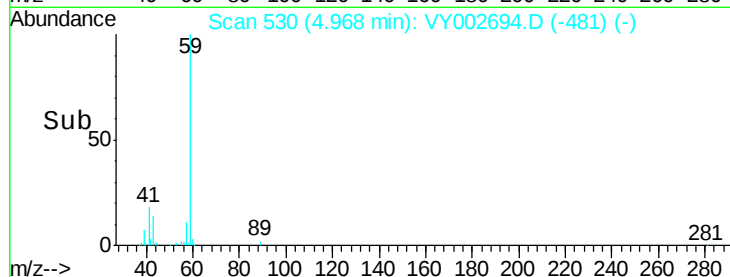
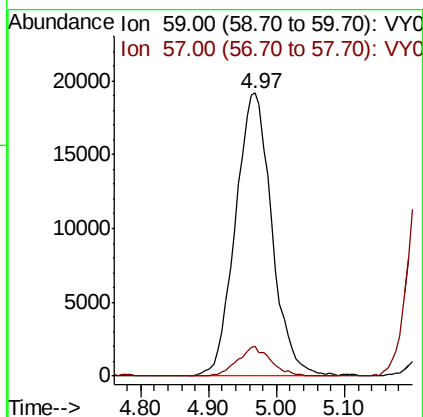
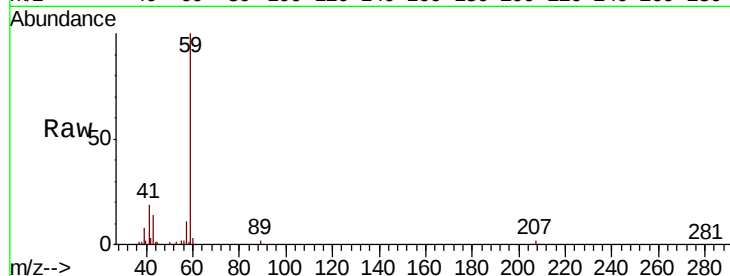




#11
Tert butyl alcohol
Concen: 230.867 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

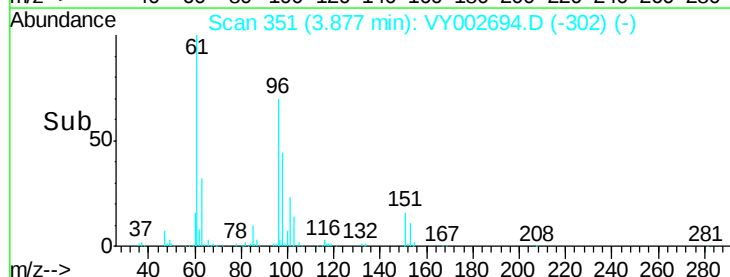
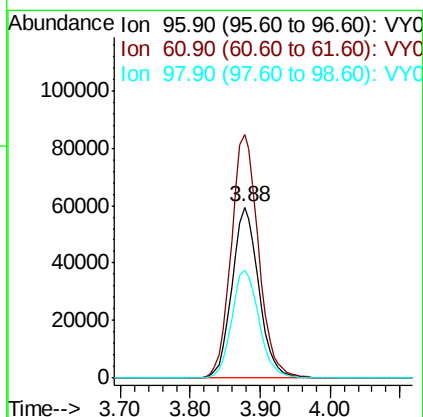
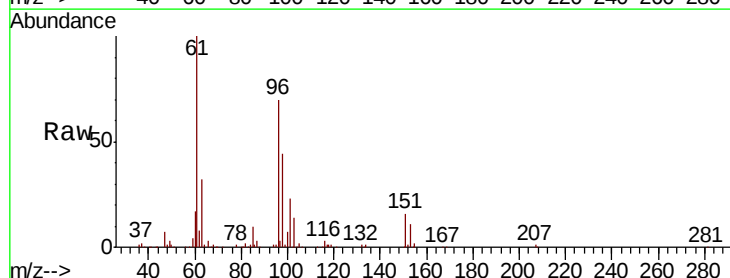
Instrument :
MSVOA_Y
ClientSampled :

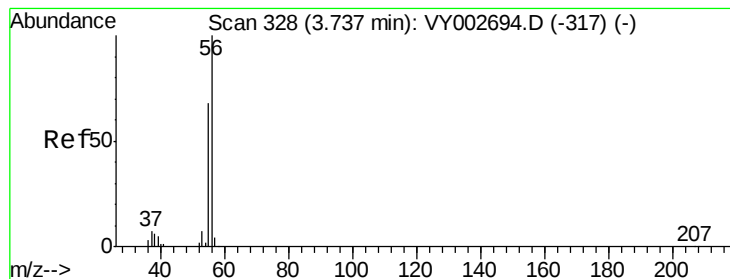
Tot Ion: 59 Resp: 71357
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.095 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 96 Resp: 158147
Ion Ratio Lower Upper
96 100
61 142.3 113.8 170.8
98 63.0 50.4 75.6





#13

Acrolein

Concen: 363.995 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

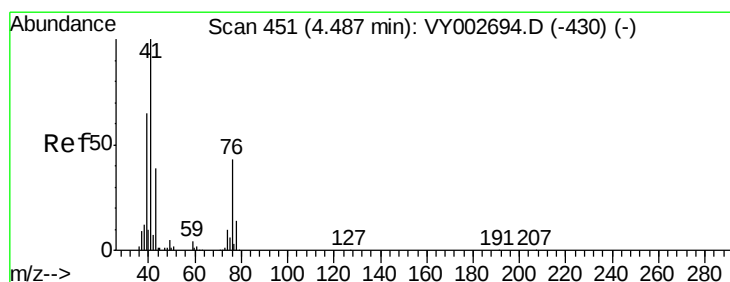
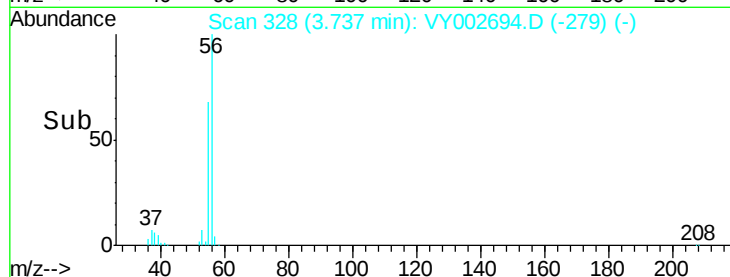
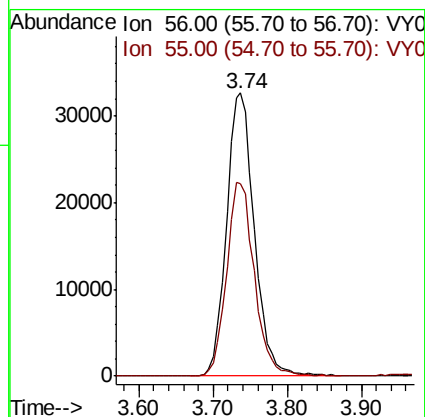
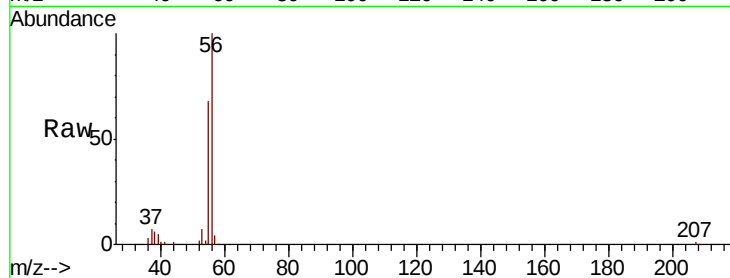
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 84967

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2



#14

Allyl chloride

Concen: 51.198 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

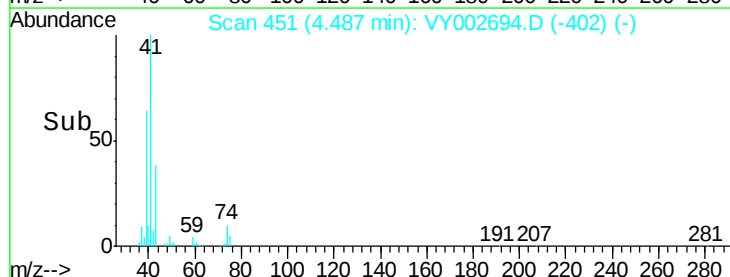
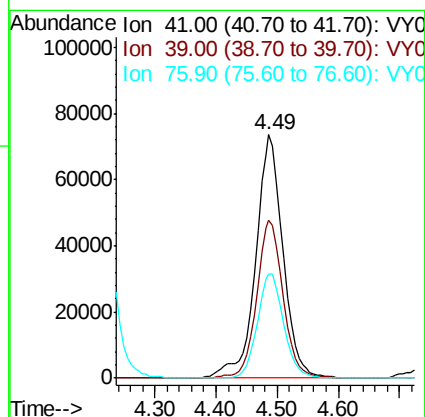
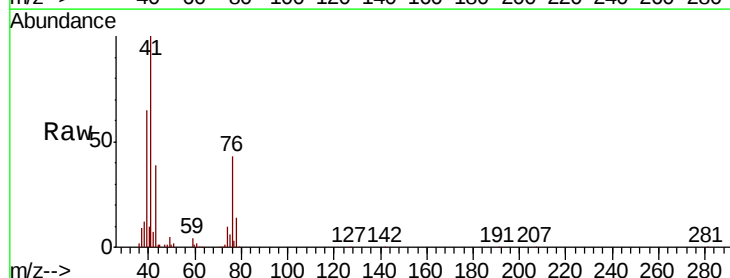
Tgt Ion: 41 Resp: 230005

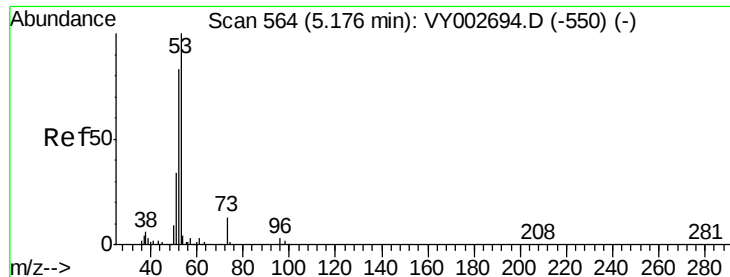
Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

76 41.5 33.2 49.8





#15

Acrylonitrile

Concen: 257.550 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

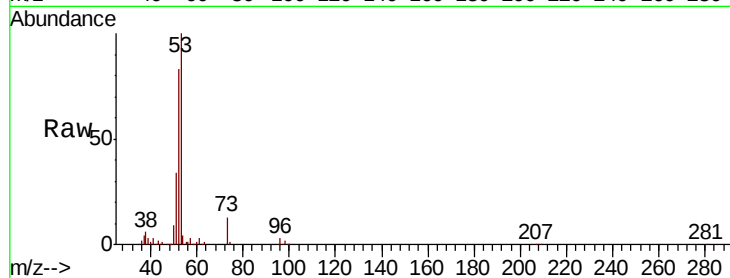
Tot Ion: 53 Resp: 212702

Ion Ratio Lower Upper

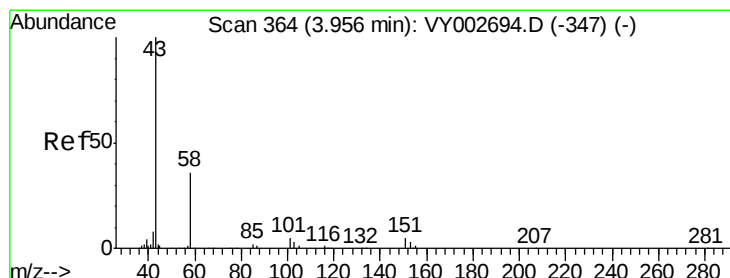
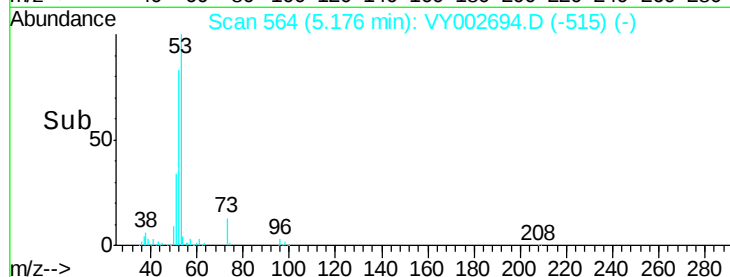
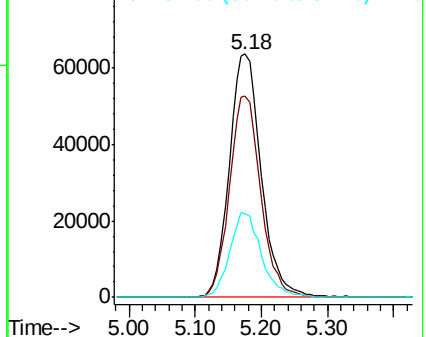
53 100

52 81.3 65.0 97.6

51 34.9 27.9 41.9



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



#16

Acetone

Concen: 250.932 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002694.D

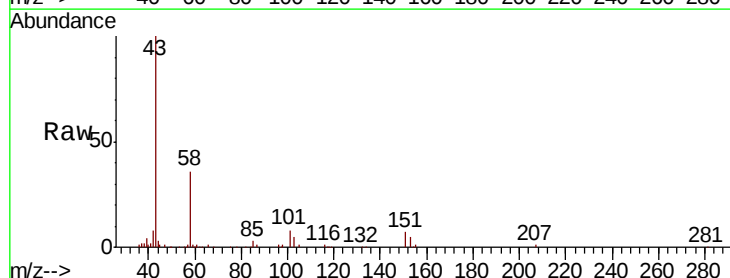
Acq: 15 May 2020 12:33

Tgt Ion: 43 Resp: 155600

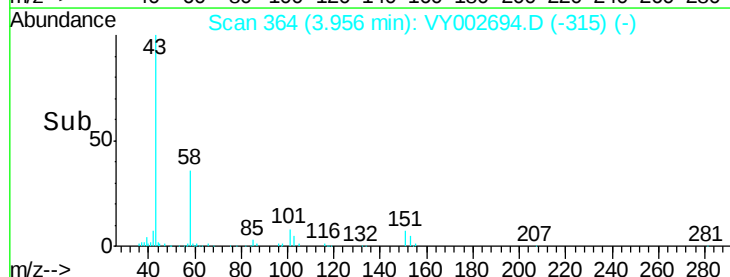
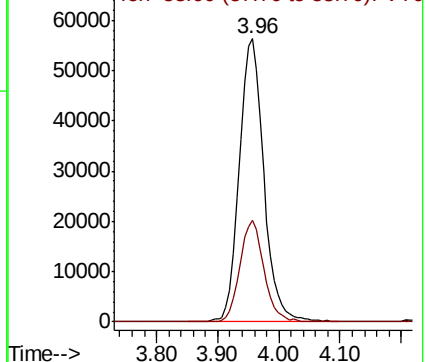
Ion Ratio Lower Upper

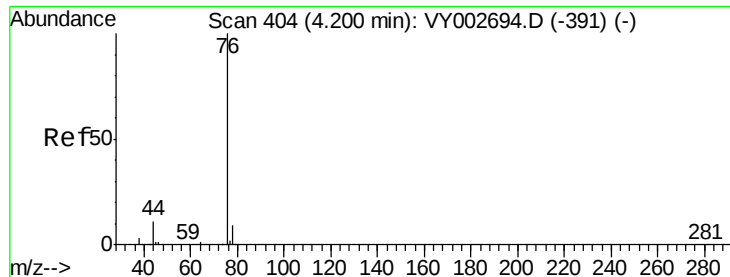
43 100

58 35.8 28.6 43.0



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

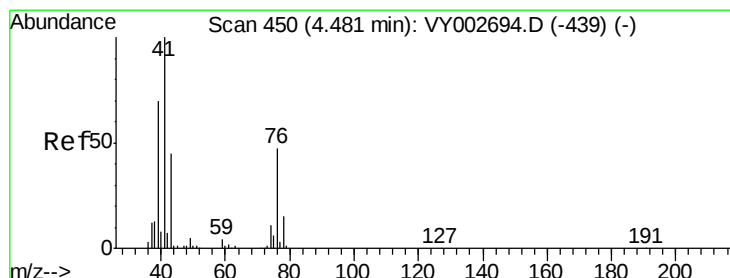
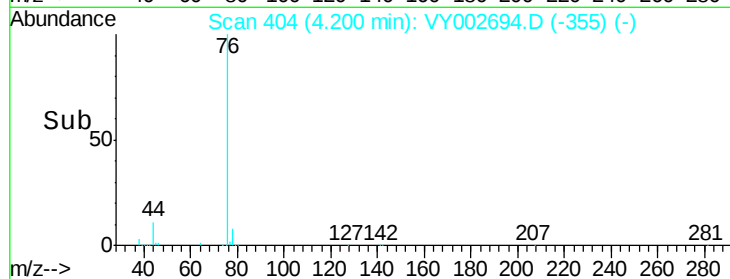
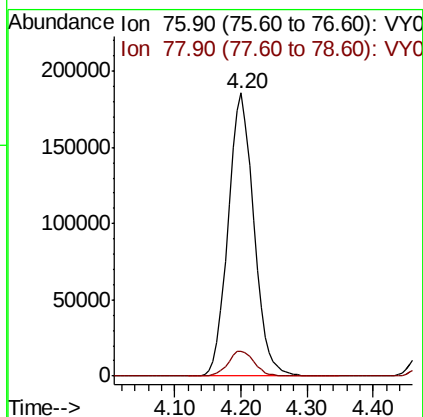
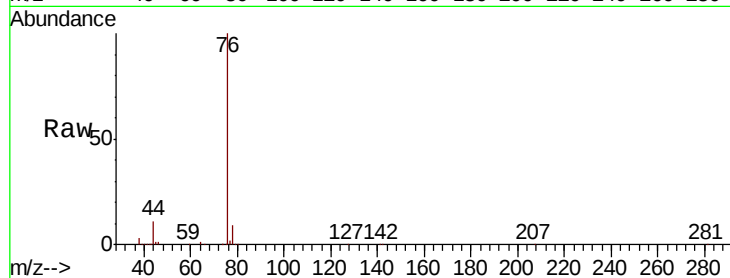




#17
Carbon Disulfide
Concen: 53.860 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

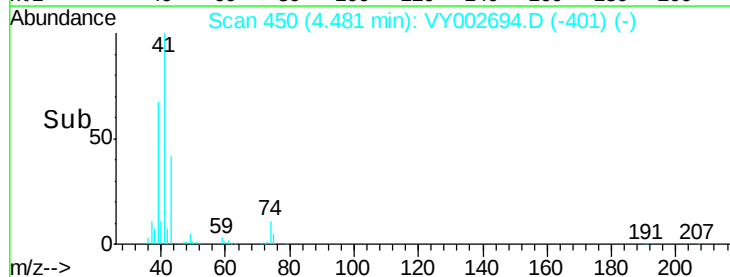
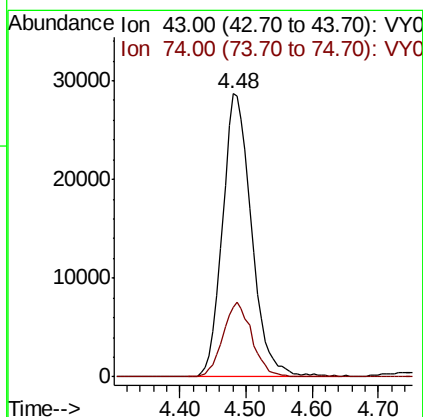
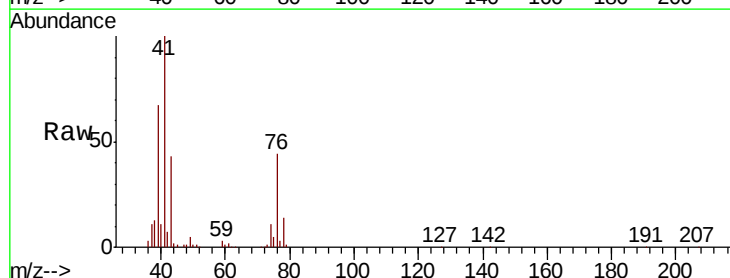
Instrument :
MSVOA_Y
ClientSampleId :

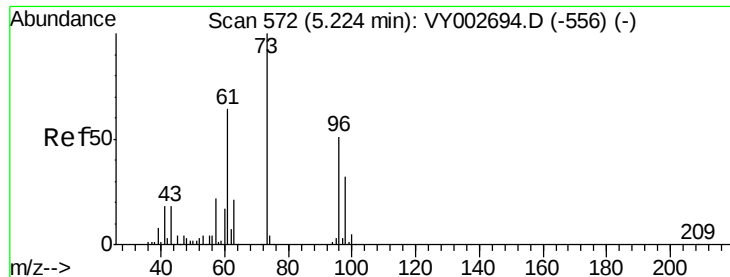
Tot Ion: 76 Resp: 501793
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 42.958 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 43 Resp: 87144
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7



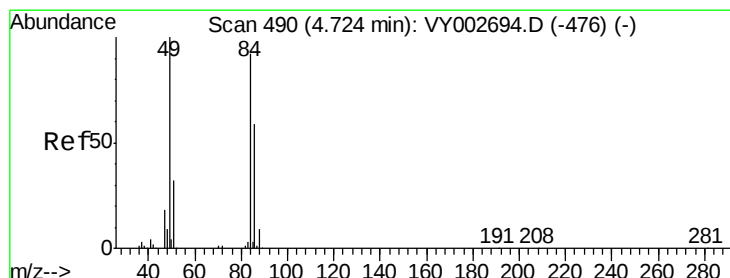
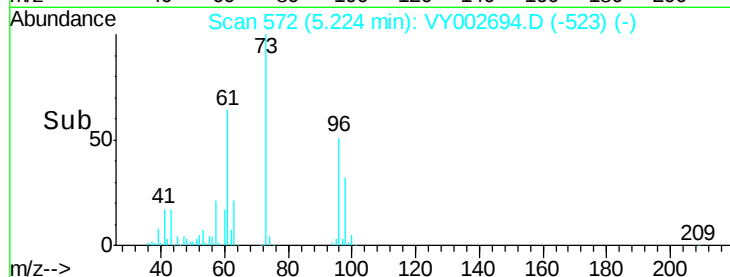
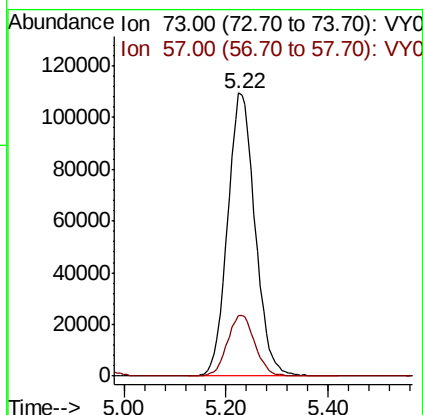
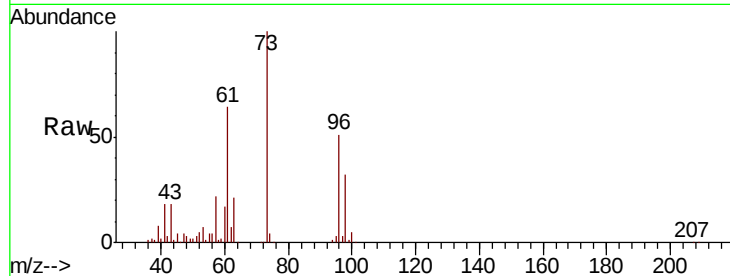


#19

Methyl tert-butyl Ether
 Concen: 50.745 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Instrument :
 MSVOA_Y
 ClientSampled :

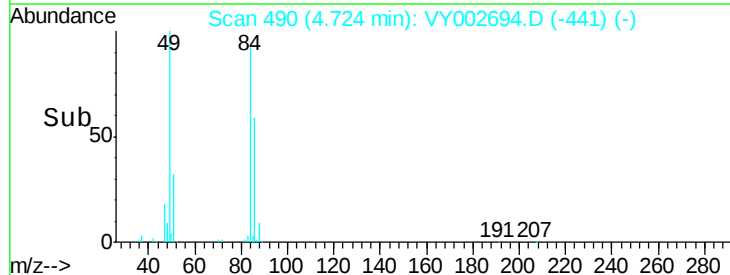
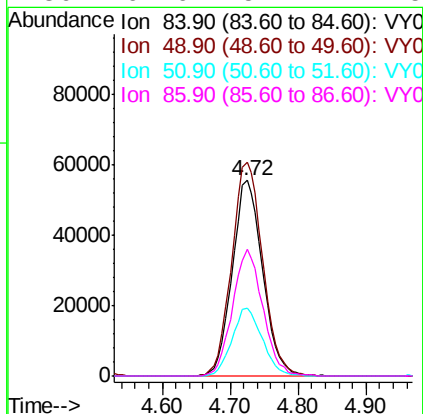
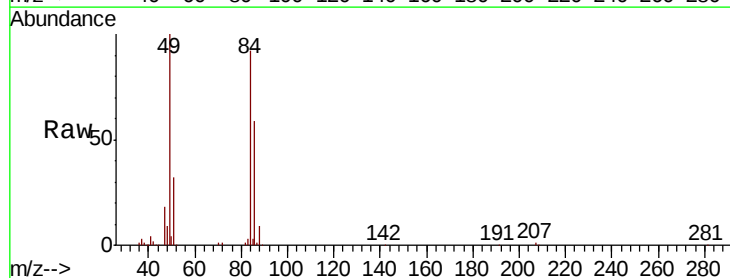
Tot Ion: 73 Resp: 408575
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

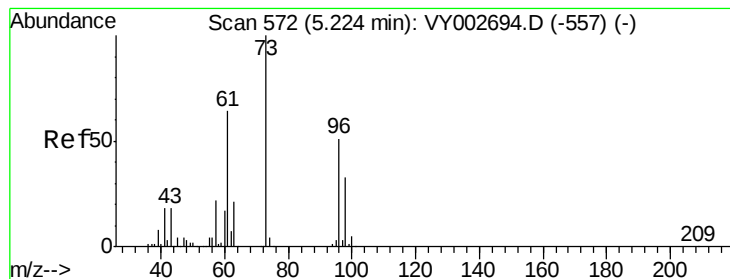


#20

Methylene Chloride
 Concen: 49.210 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion: 84 Resp: 172449
 Ion Ratio Lower Upper
 84 100
 49 109.2 87.4 131.0
 51 34.9 27.9 41.9
 86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 52.302 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

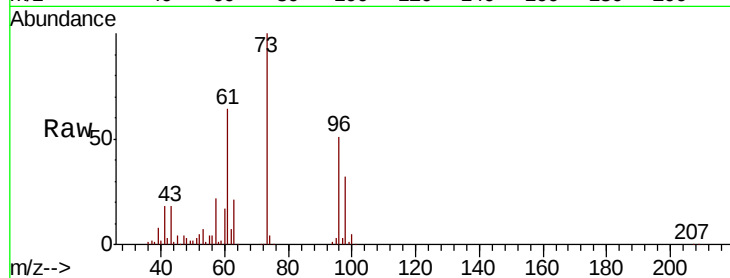
Tot Ion: 96 Resp: 177548

Ion Ratio Lower Upper

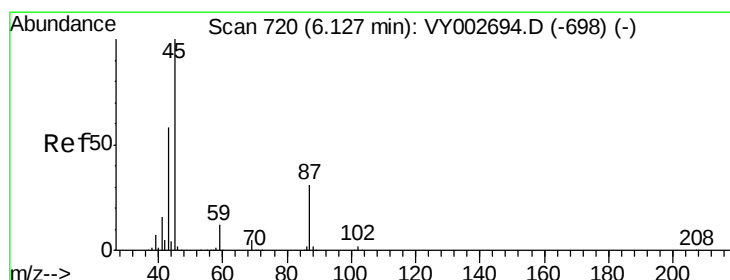
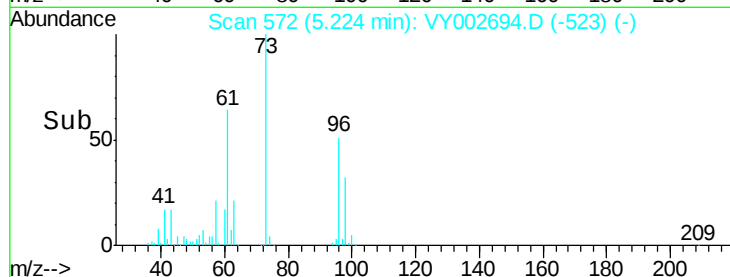
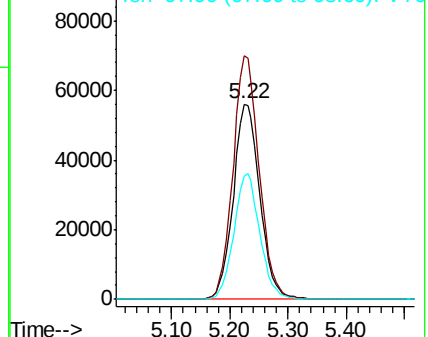
96 100

61 124.5 99.6 149.4

98 63.3 50.6 76.0



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



#22

Diisopropyl ether

Concen: 50.868 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion: 45 Resp: 463297

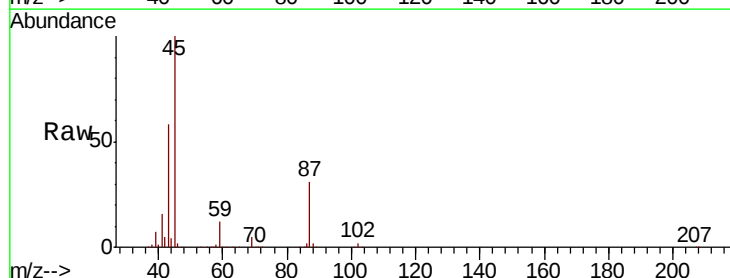
Ion Ratio Lower Upper

45 100

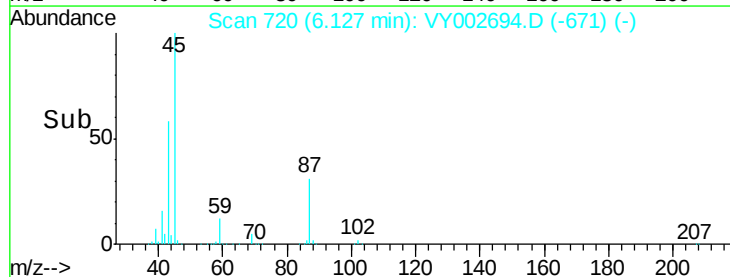
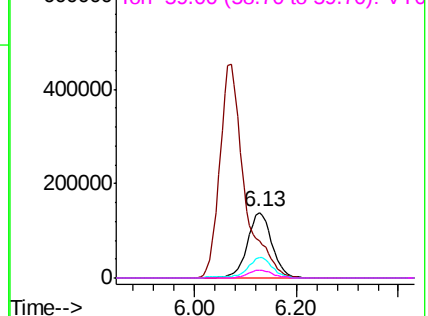
43 57.6 46.1 69.1

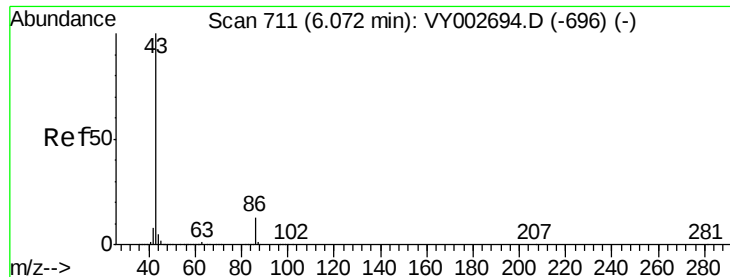
87 31.1 24.9 37.3

59 12.3 9.8 14.8



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





#23

Vinyl Acetate

Concen: 264.163 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

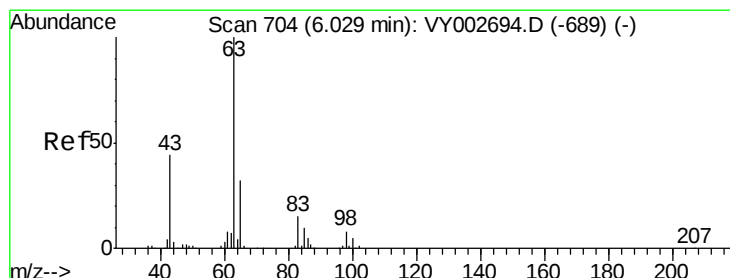
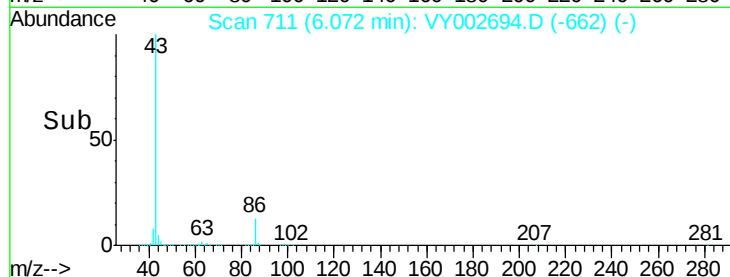
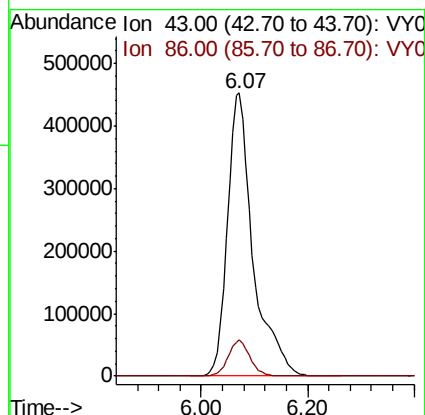
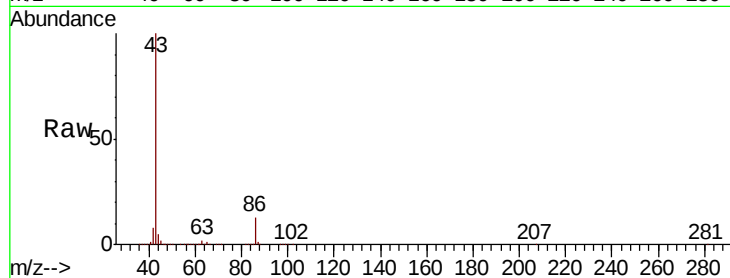
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1516577

Ion Ratio Lower Upper

43 100

86 12.6 10.1 15.1



#24

1,1-Dichloroethane

Concen: 51.028 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

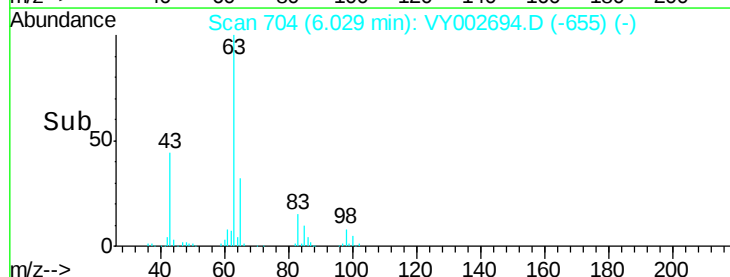
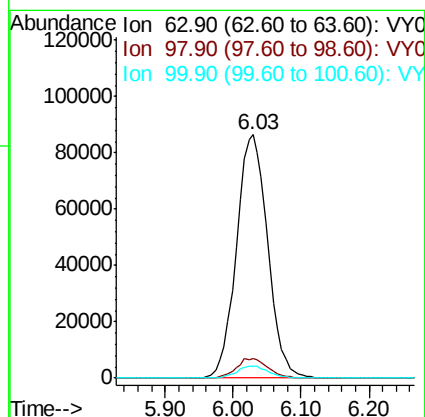
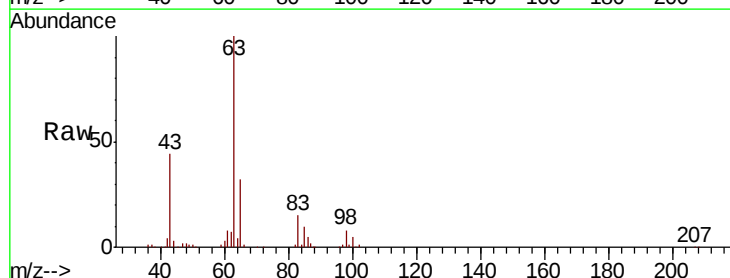
Tgt Ion: 63 Resp: 274627

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

100 5.1 2.5 7.6





#25

2-Butanone

Concen: 247.767 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

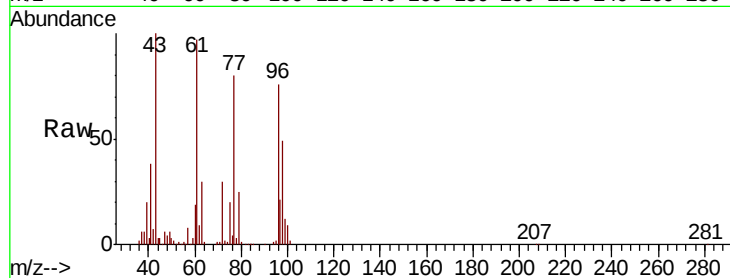
ClientSampled :

Tot Ion: 43 Resp: 251060

Ion Ratio Lower Upper

43 100

72 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

100000

80000

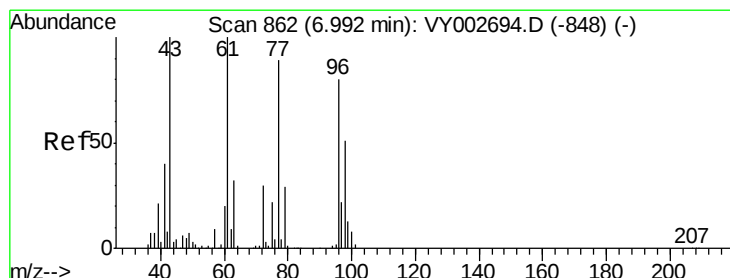
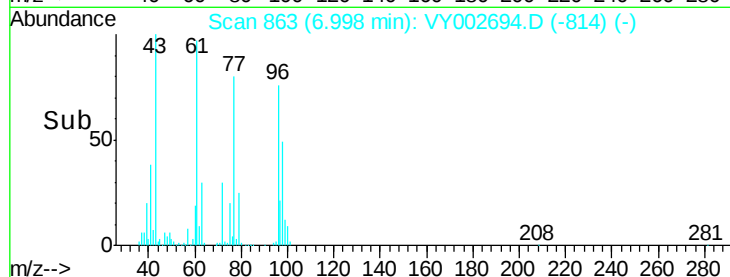
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.723 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002694.D

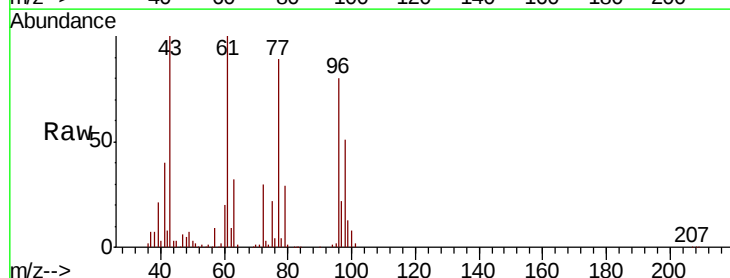
Acq: 15 May 2020 12:33

Tgt Ion: 77 Resp: 243540

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

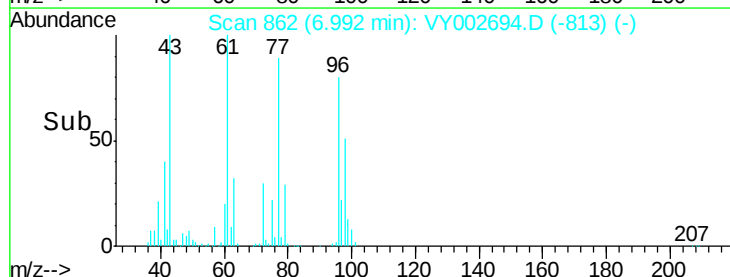
60000

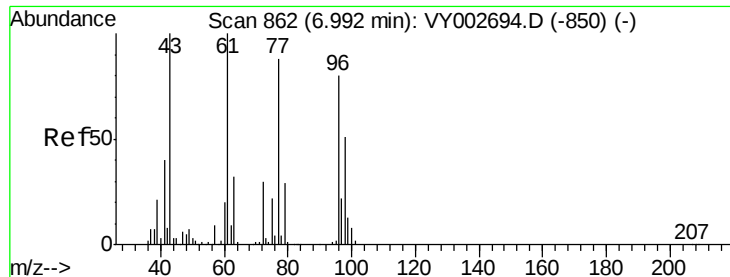
40000

20000

0

Time-->



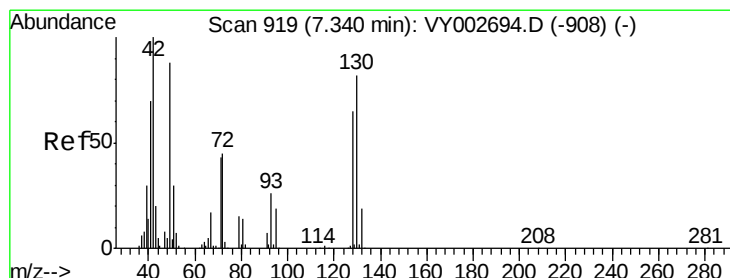
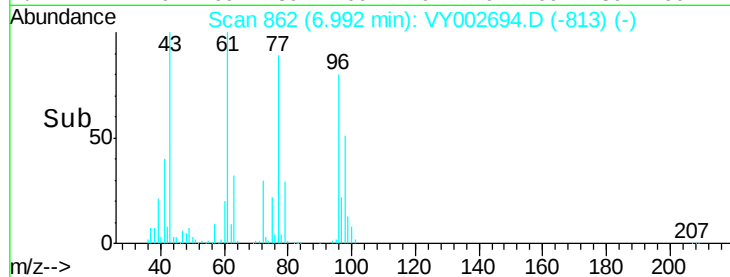
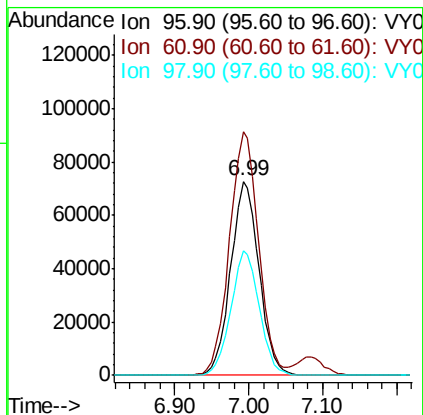
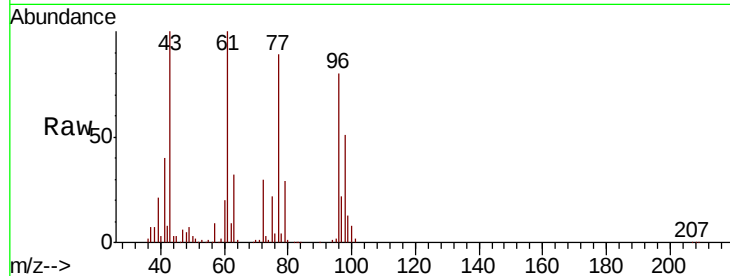


#27

cis-1,2-Dichloroethene
Concen: 51.634 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

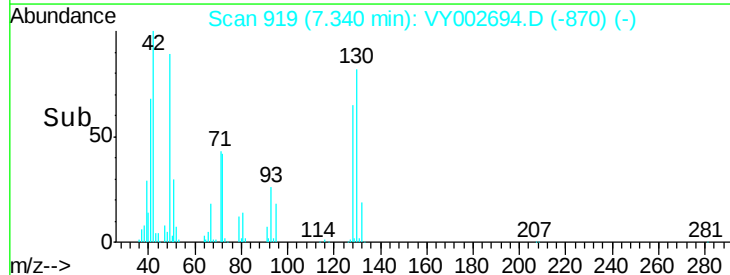
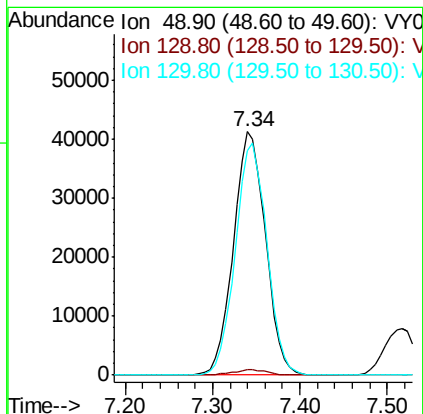
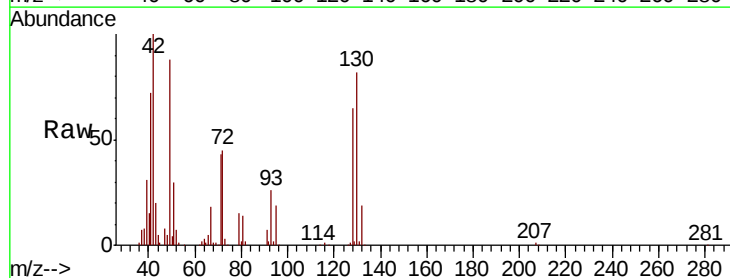
Tot Ion	96	Resp	194168
Ion Ratio	Lower	Upper	
96	100		
61	129.0	0.0	258.0
98	64.2	0.0	128.4

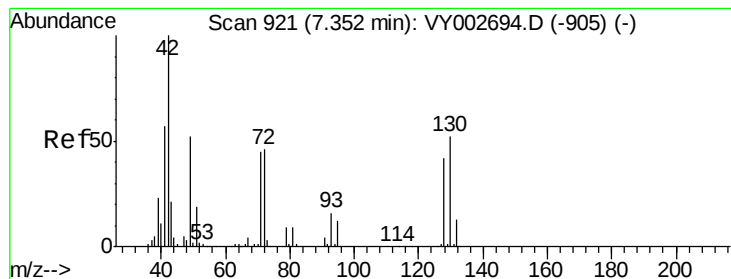


#28

Bromochloromethane
Concen: 47.823 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	49	Resp	105076
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.6
130	94.1	75.3	112.9





#29

Tetrahydrofuran

Concen: 257.585 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

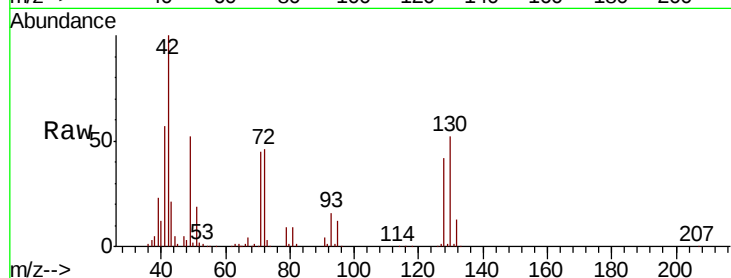
Tot Ion: 42 Resp: 173514

Ion Ratio Lower Upper

42 100

72 47.7 38.2 57.2

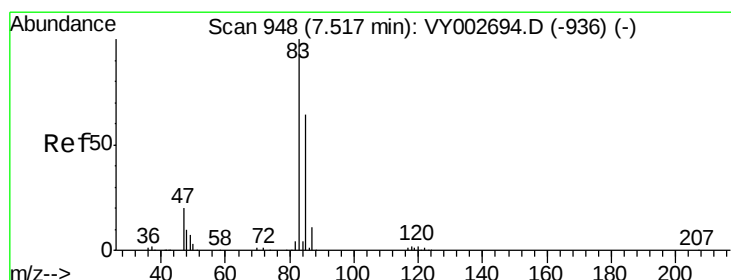
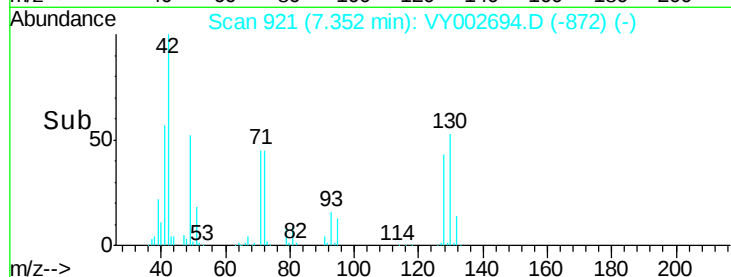
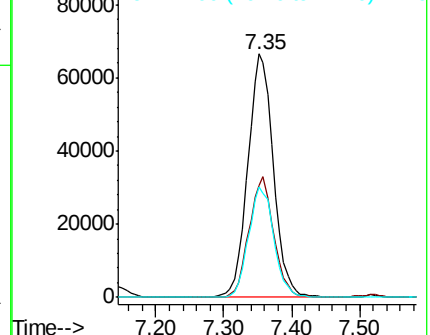
71 44.8 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.077 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002694.D

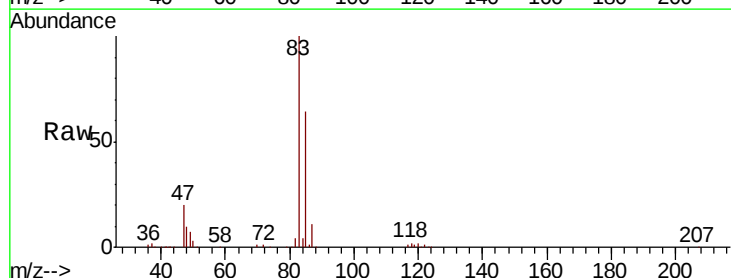
Acq: 15 May 2020 12:33

Tgt Ion: 83 Resp: 287027

Ion Ratio Lower Upper

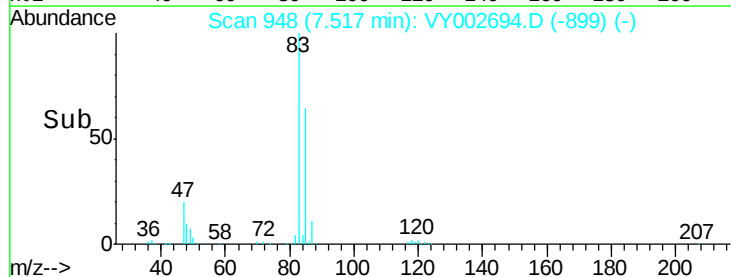
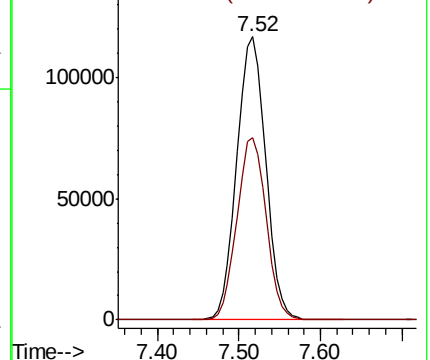
83 100

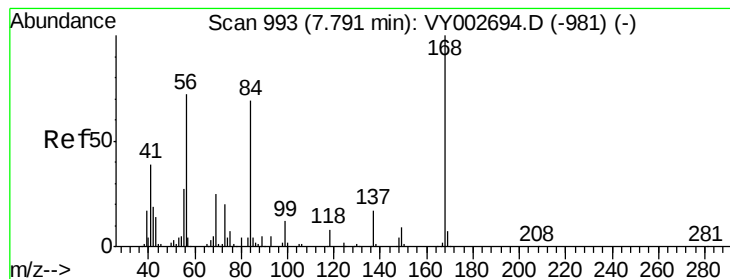
85 64.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 48.890 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

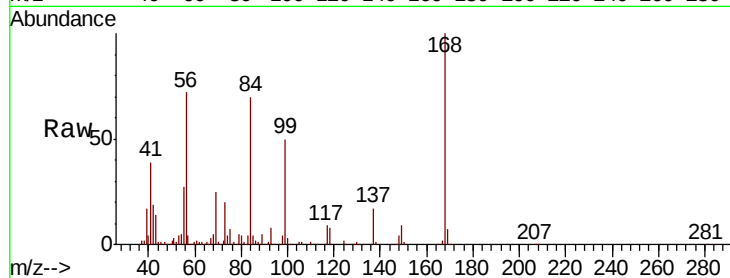
Tot Ion: 56 Resp: 265308

Ion Ratio Lower Upper

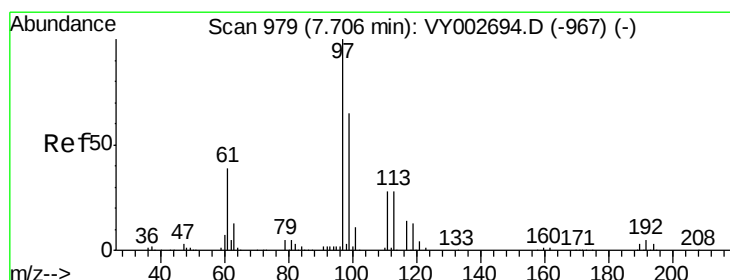
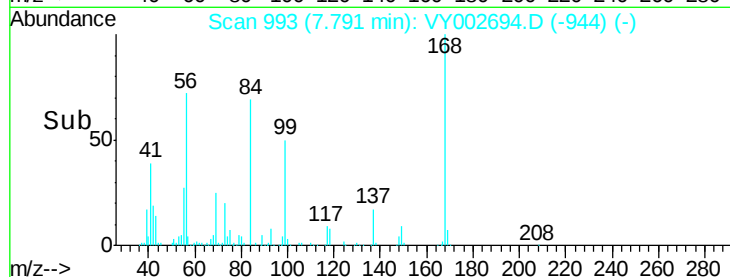
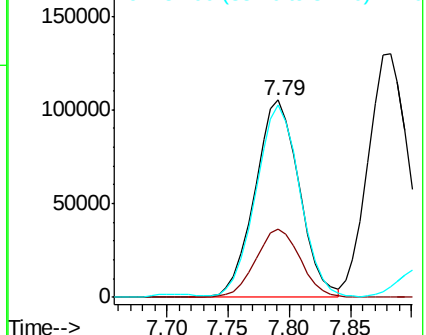
56 100

69 34.6 27.7 41.5

84 96.2 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 50.309 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

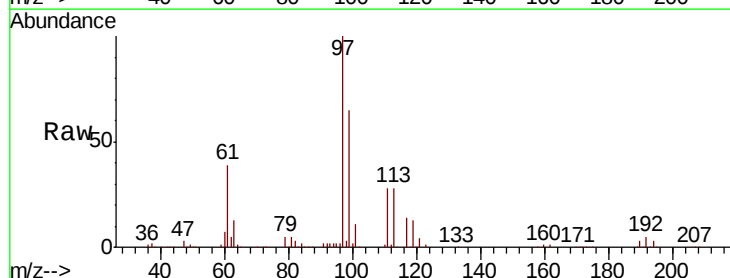
Tgt Ion: 97 Resp: 261810

Ion Ratio Lower Upper

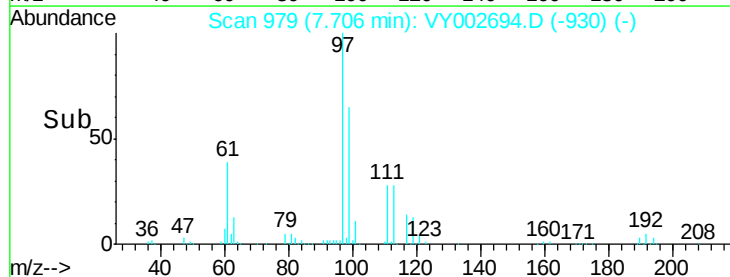
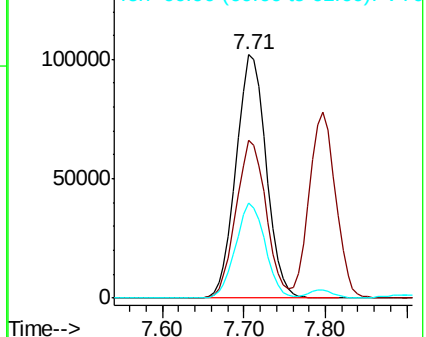
97 100

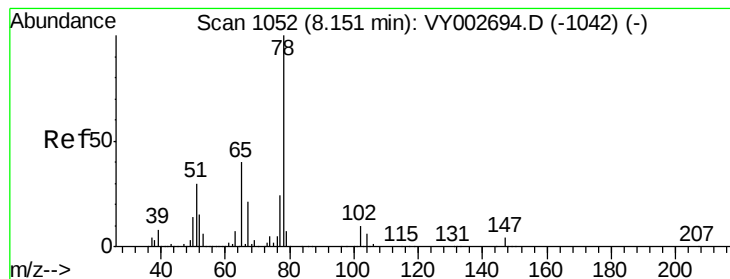
99 64.5 51.6 77.4

61 38.2 30.6 45.8



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





#33

1,2-Dichloroethane-d4

Concen: 48.506 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

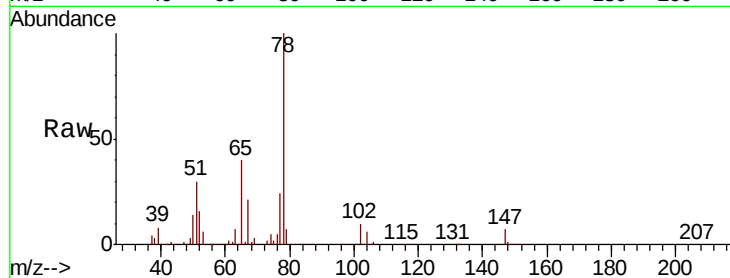
ClientSampleId :

Tot Ion: 65 Resp: 146342

Ion Ratio Lower Upper

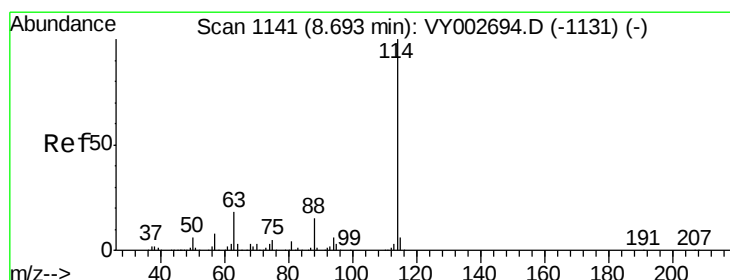
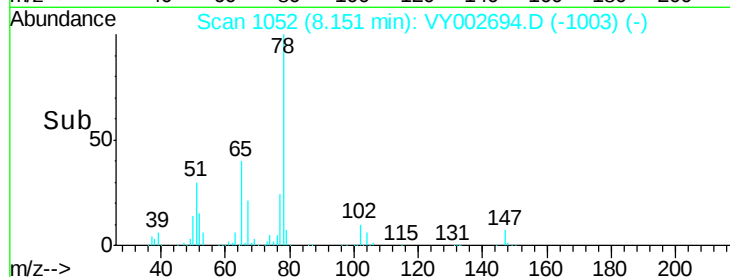
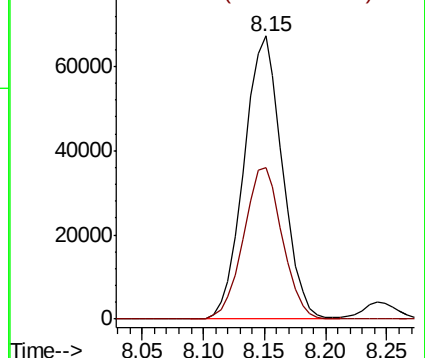
65 100

67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

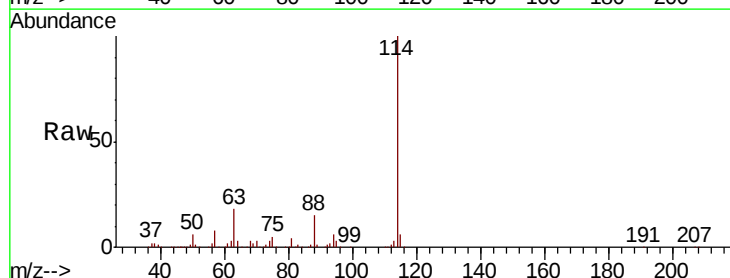
Tgt Ion: 114 Resp: 537889

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

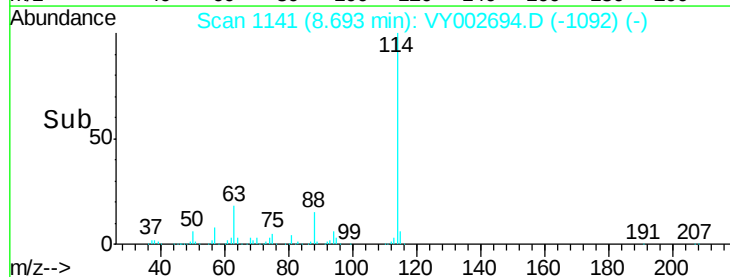
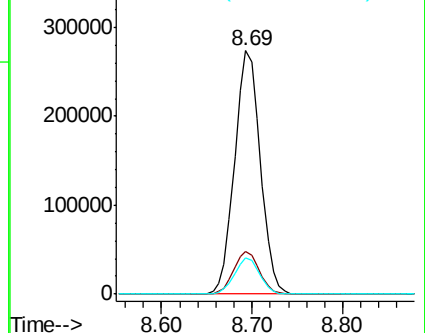
88 14.7 0.0 29.4

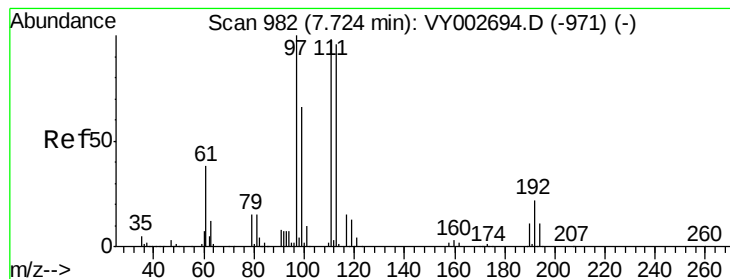


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 49.568 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

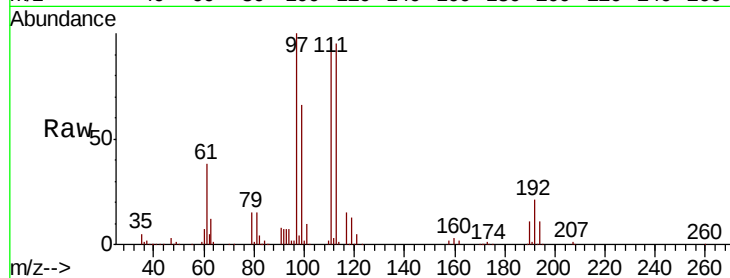
Tot Ion:113 Resp: 152272

Ion Ratio Lower Upper

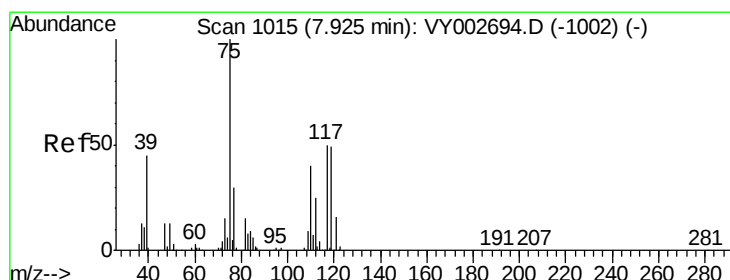
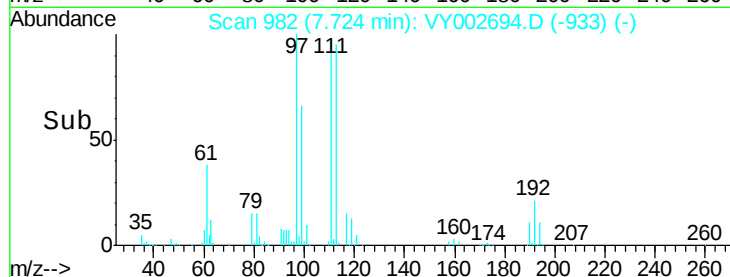
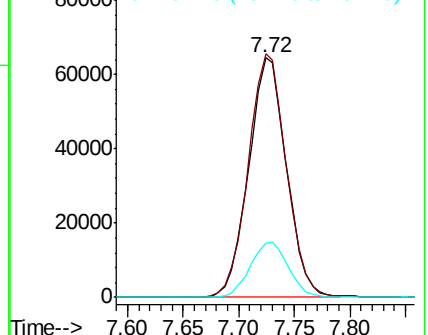
113 100

111 102.4 81.9 122.9

192 23.2 18.6 27.8



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: 50.679 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

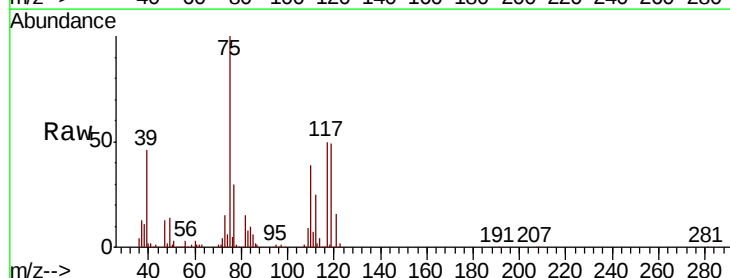
Tgt Ion: 75 Resp: 227166

Ion Ratio Lower Upper

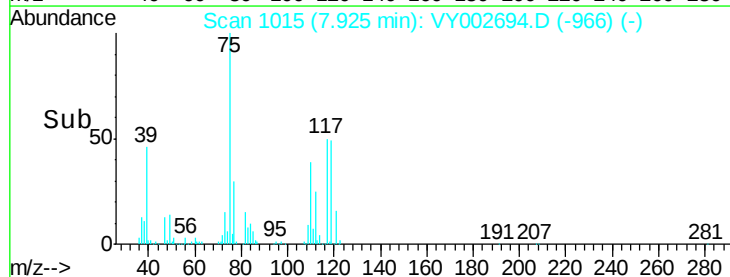
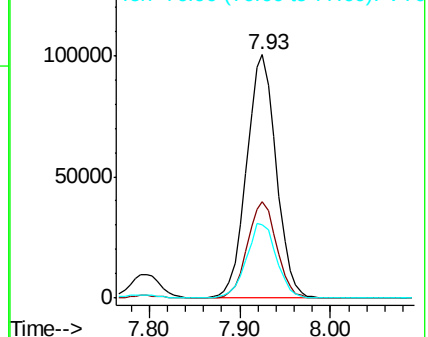
75 100

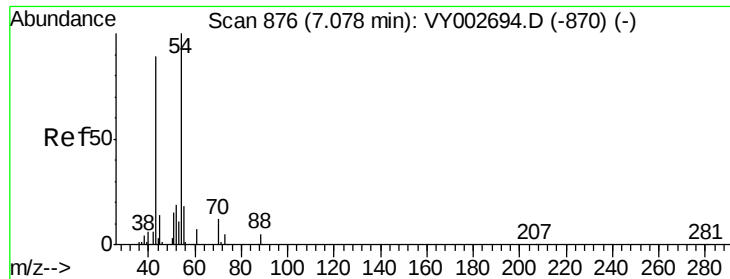
110 38.9 19.4 58.4

77 31.2 25.0 37.4



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

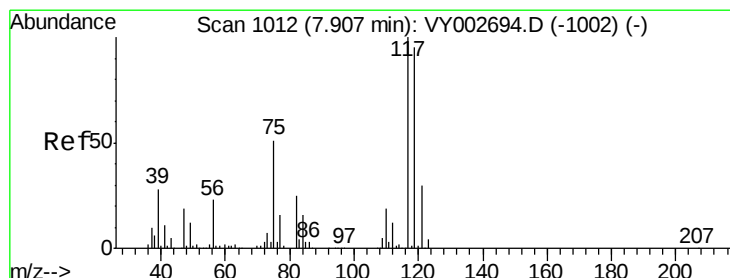
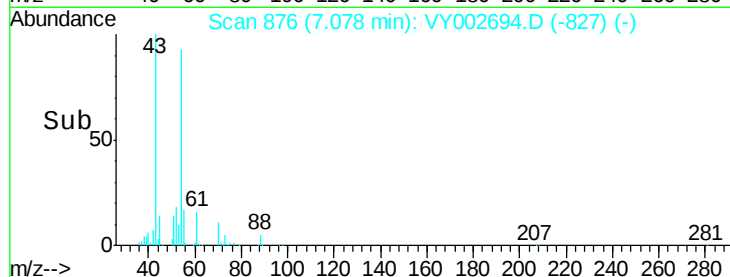
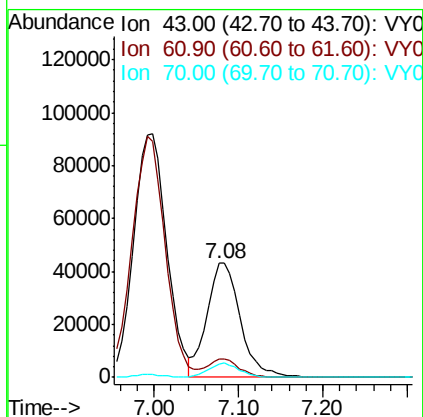
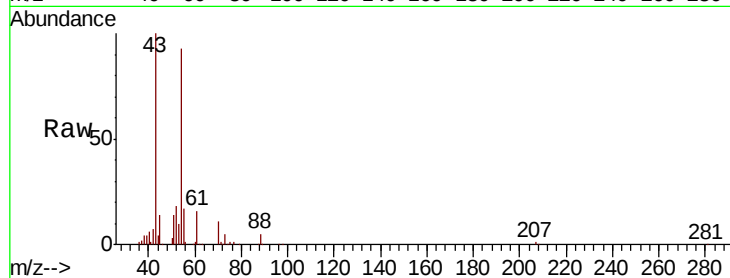




#37
Ethyl Acetate
Concen: 51.274 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

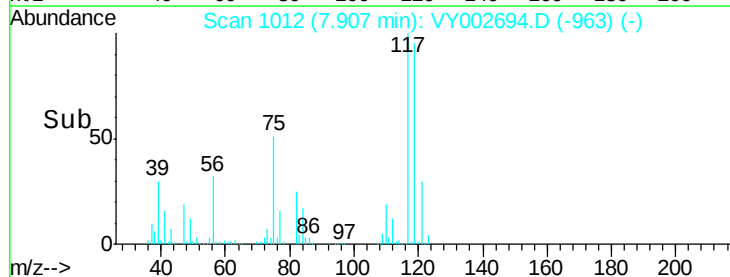
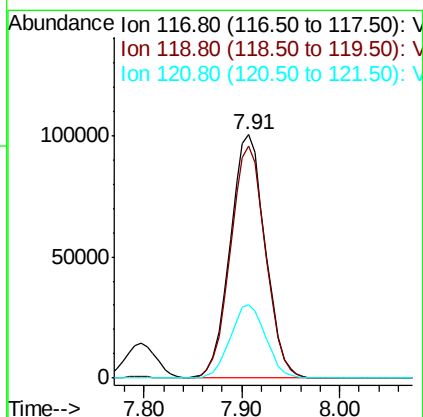
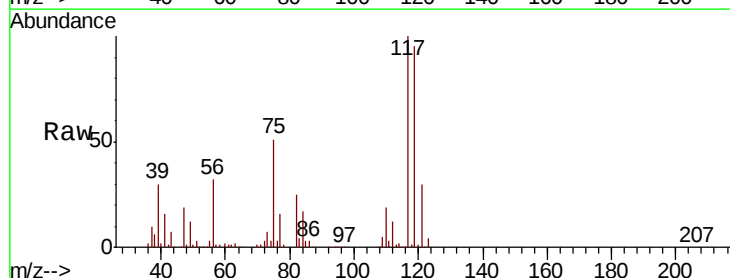
Instrument :
MSVOA_Y
ClientSampled :

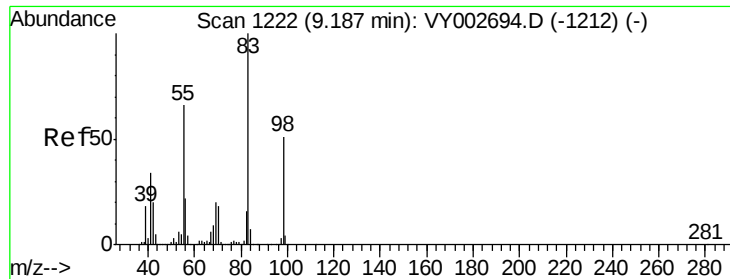
Tot Ion: 43 Resp: 118385
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.915 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 117 Resp: 249285
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 30.2 24.2 36.2

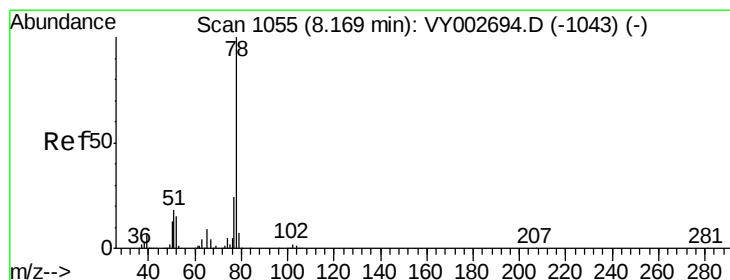
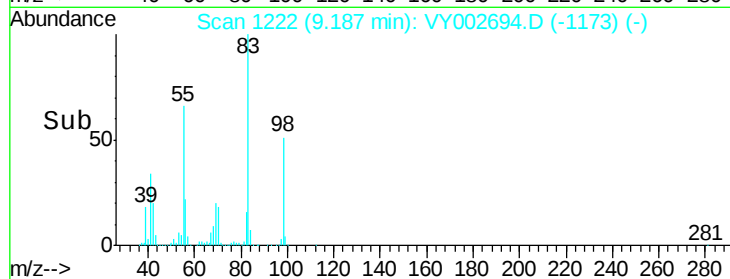
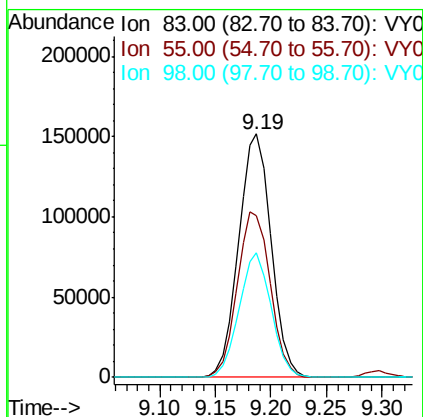
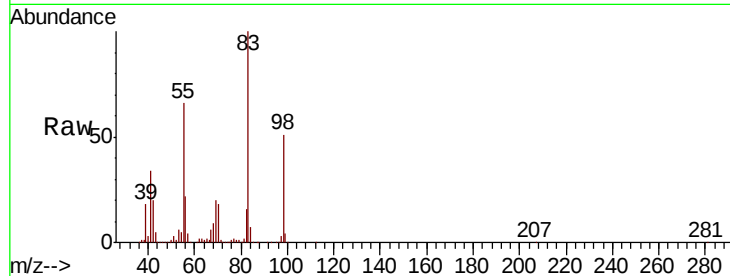




#39
Methvlcvclohexane
Concen: 51.635 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

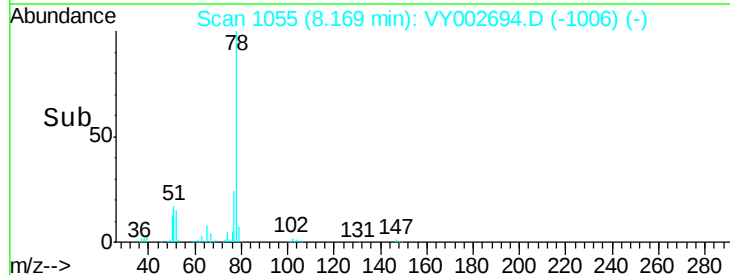
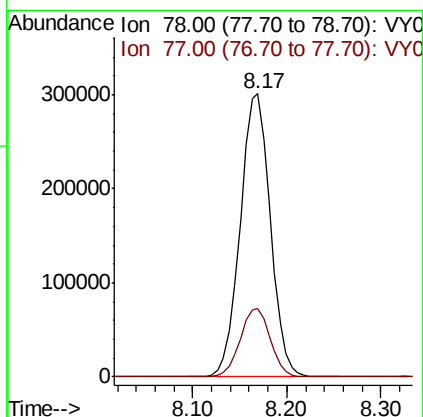
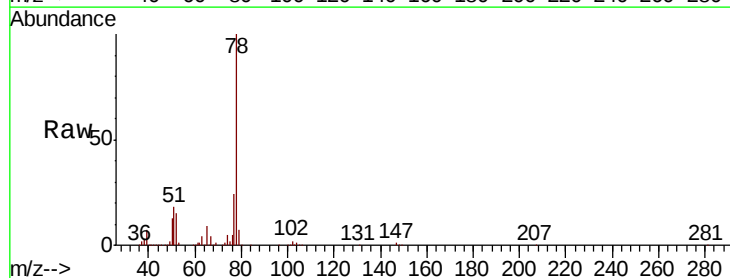
Instrument :
MSVOA_Y
ClientSampleId :

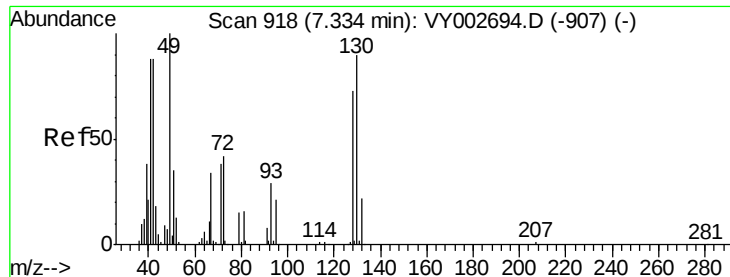
Tot Ion: 83 Resp: 306892
Ion Ratio Lower Upper
83 100
55 66.3 53.0 79.6
98 51.0 40.8 61.2



#40
Benzene
Concen: 51.637 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 78 Resp: 672328
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

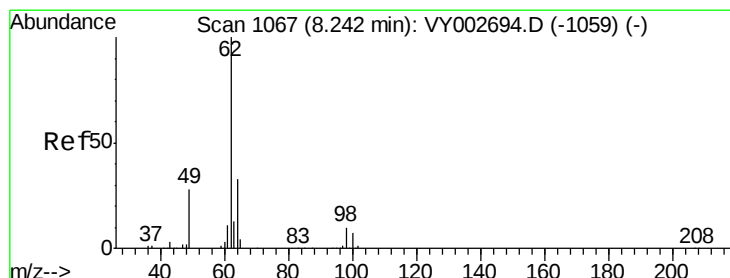
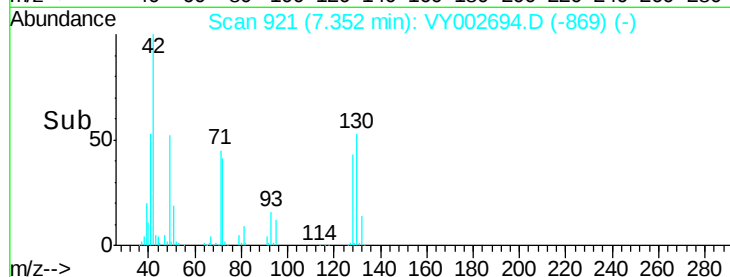
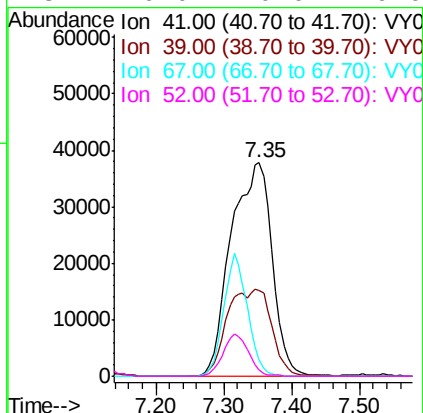
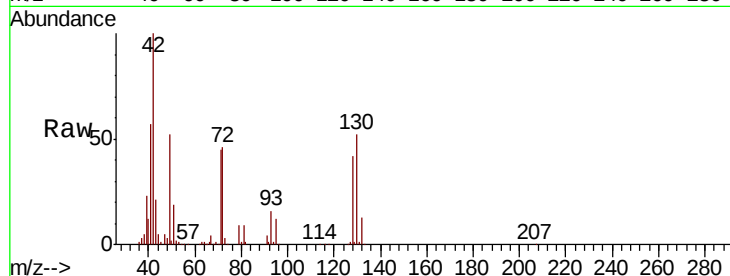




#41
Methacrylonitrile
Concen: 127.517 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

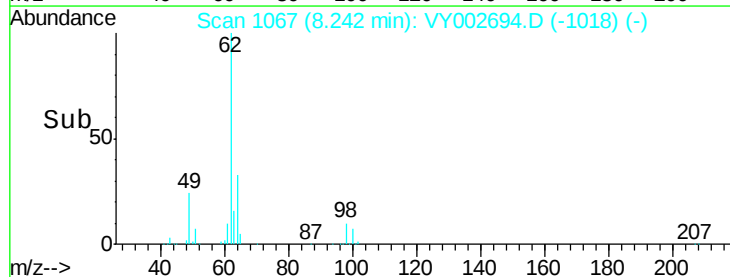
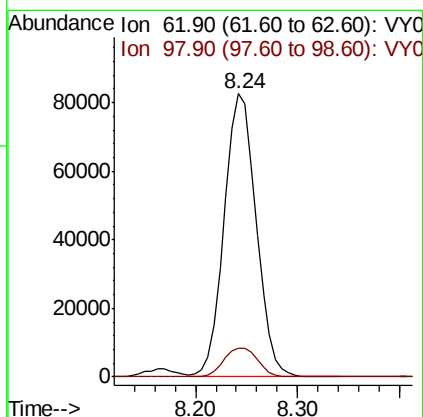
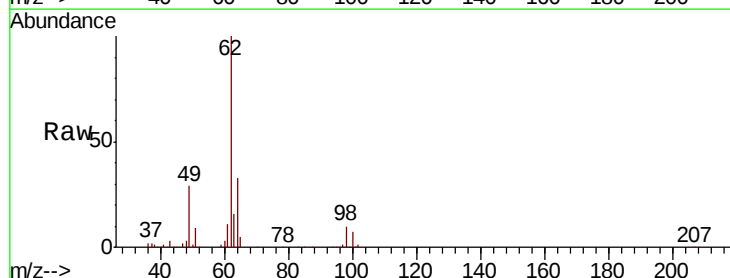
Instrument :
MSVOA_Y
ClientSampled :

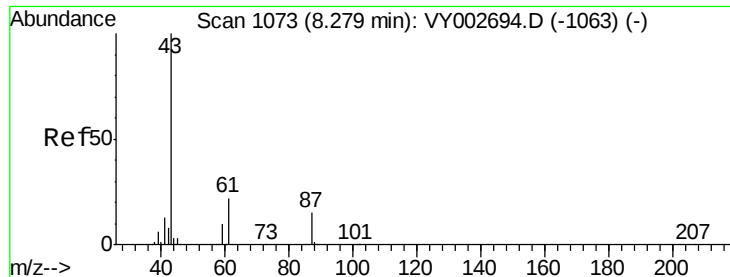
Tot Ion:	41	Resp:	158165
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.758 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:	62	Resp:	179478
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.8





#43

Isopropyl Acetate

Concen: 51.102 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

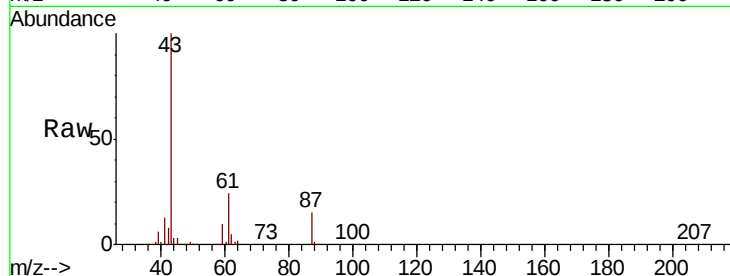
Tot Ion: 43 Resp: 220645

Ion Ratio Lower Upper

43 100

61 31.1 24.9 37.3

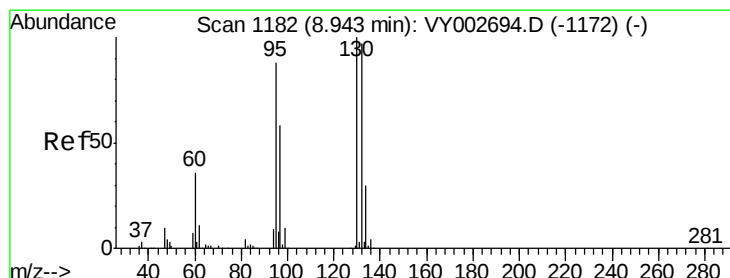
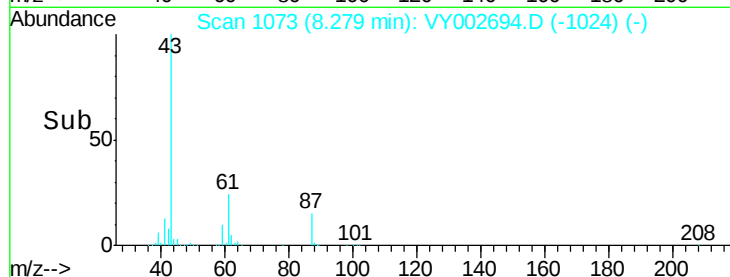
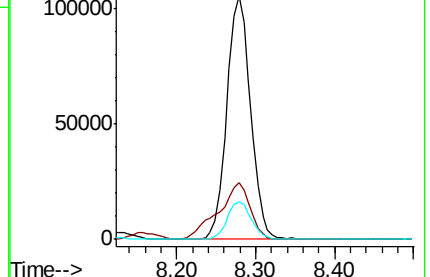
87 15.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002694.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY002694.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002694.D (-1063) (-)



#44

Trichloroethene

Concen: 52.471 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002694.D

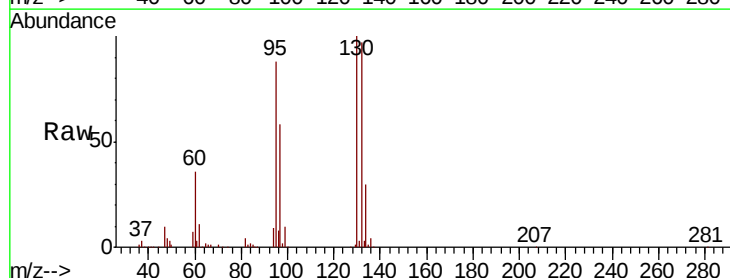
Acq: 15 May 2020 12:33

Tgt Ion:130 Resp: 214494

Ion Ratio Lower Upper

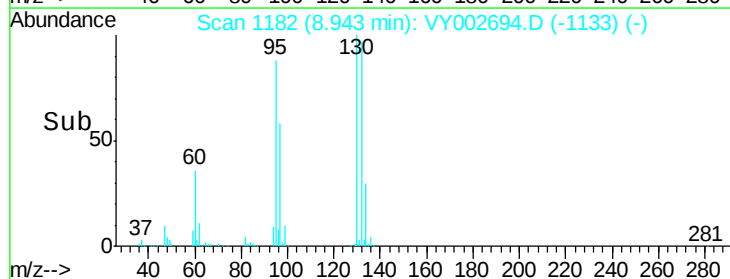
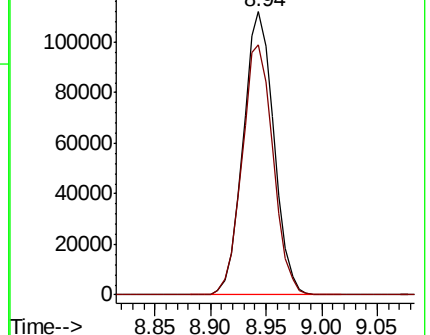
130 100

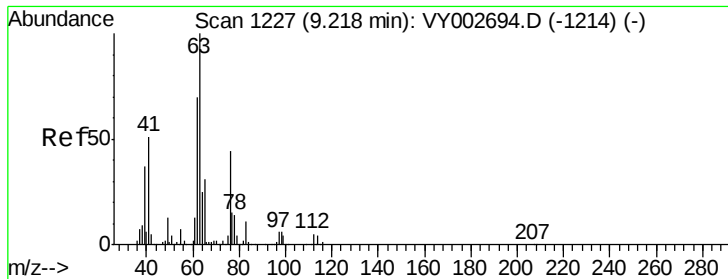
95 88.2 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002694.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY002694.D (-1172) (-)

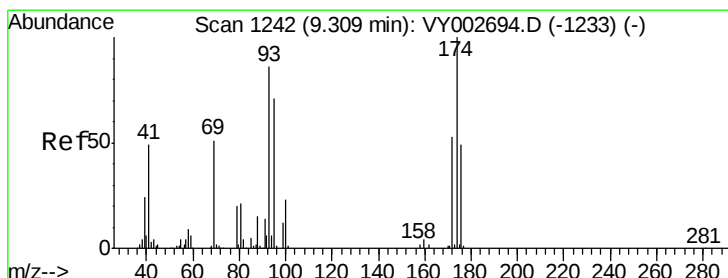
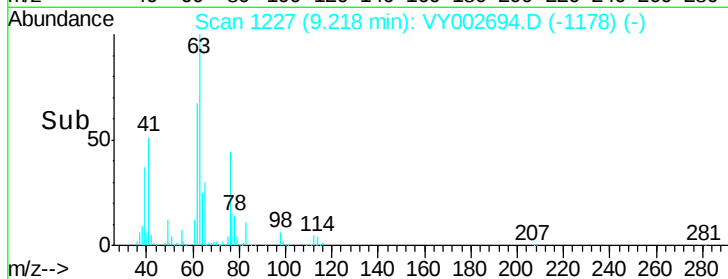
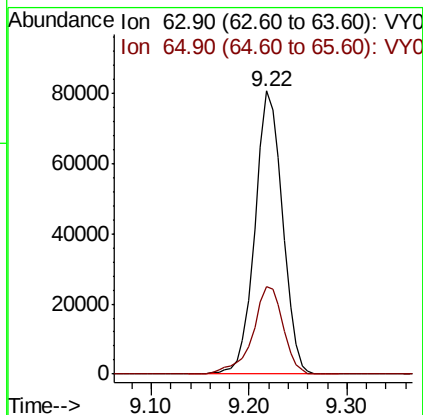
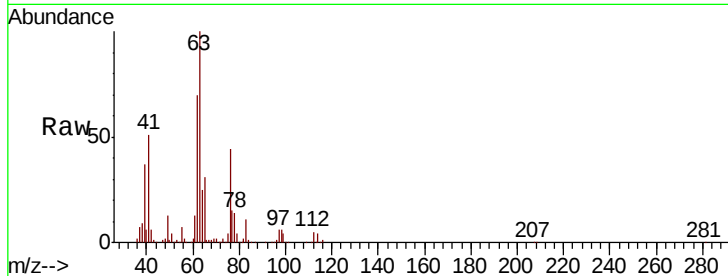




#45
 1,2-Dichloropropane
 Concen: 50.505 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

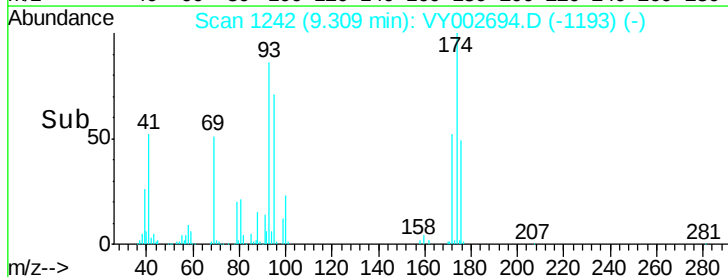
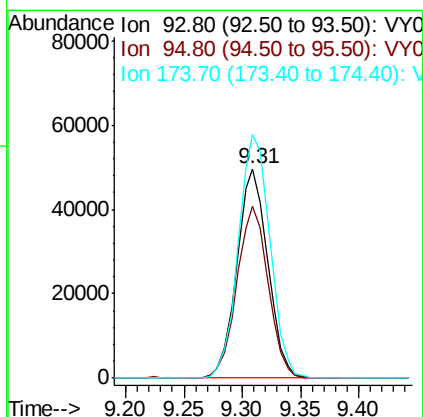
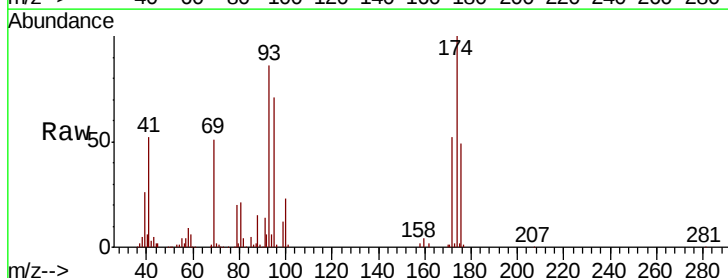
Instrument :
 MSVOA_Y
 ClientSampleId :

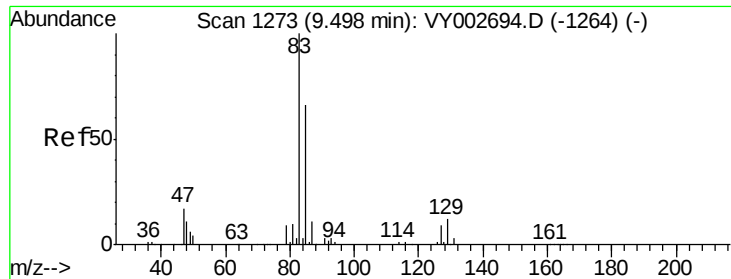
Tot Ion: 63 Resp: 157926
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 51.084 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion: 93 Resp: 91936
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 119.5 95.6 143.4





#47

Bromodichloromethane

Concen: 51.049 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampled :

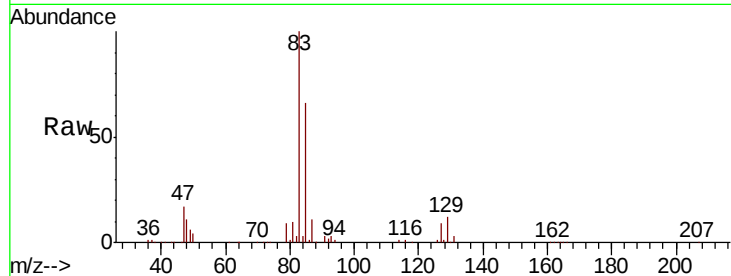
Tot Ion: 83 Resp: 223604

Ion Ratio Lower Upper

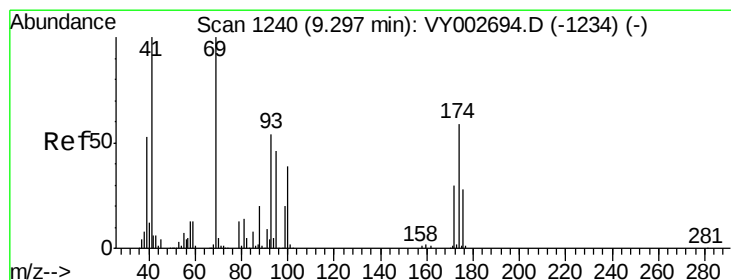
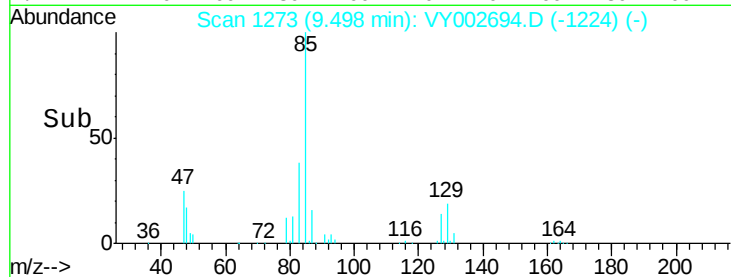
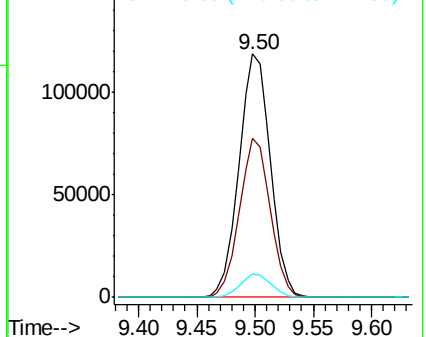
83 100

85 65.5 52.4 78.6

127 9.5 7.6 11.4



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



#48

Methyl methacrylate

Concen: 51.790 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

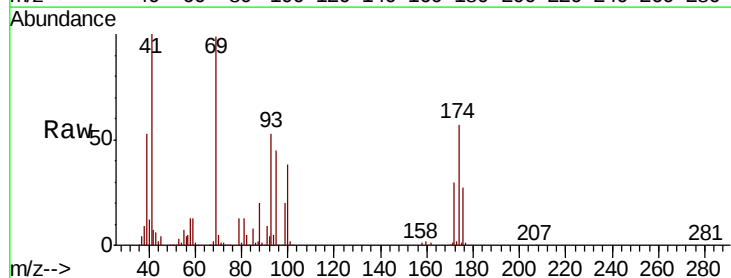
Tgt Ion: 41 Resp: 101065

Ion Ratio Lower Upper

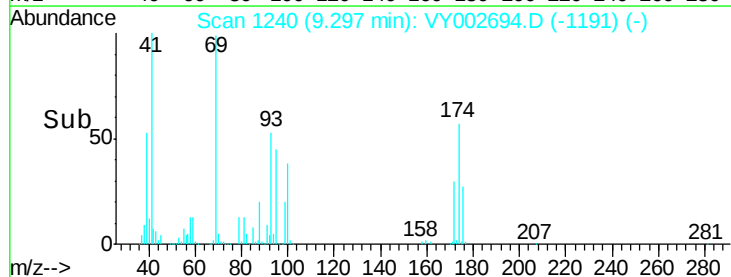
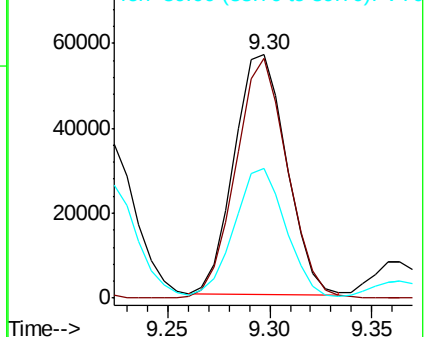
41 100

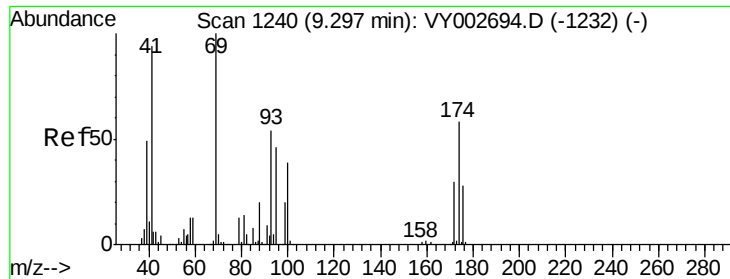
69 98.4 78.7 118.1

39 53.6 42.9 64.3



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

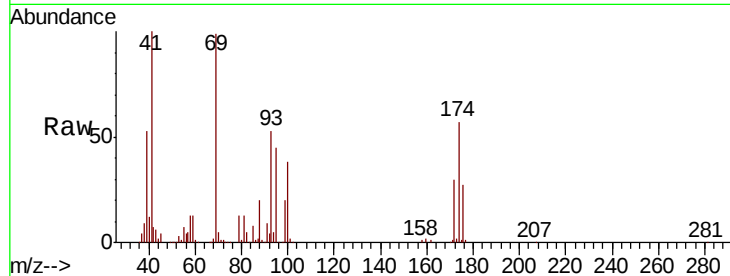




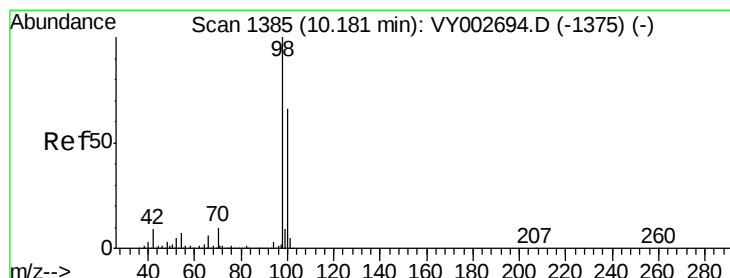
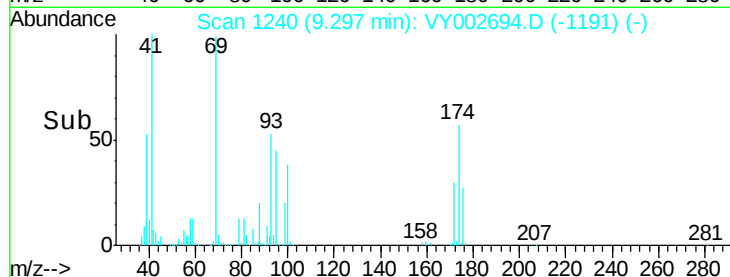
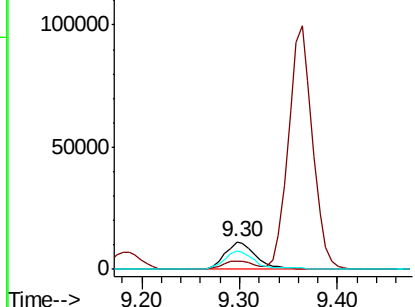
#49
1,4-Dioxane
Concen: 1040.027 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 24729
Ion Ratio Lower Upper
88 100
43 29.2 23.4 35.0
58 68.1 54.5 81.7

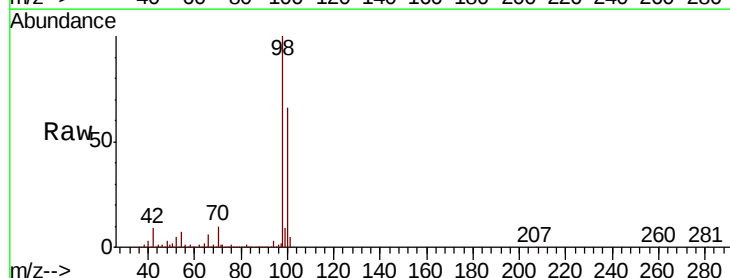


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

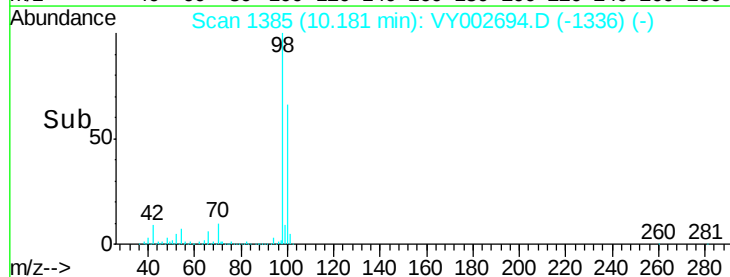
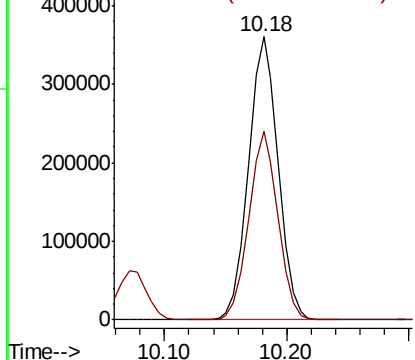


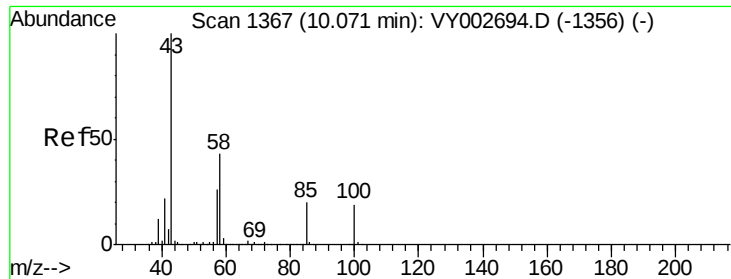
#50
Toluene-d8
Concen: 50.465 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 98 Resp: 608096
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



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

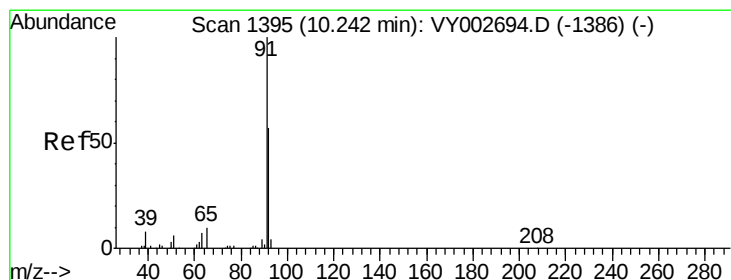
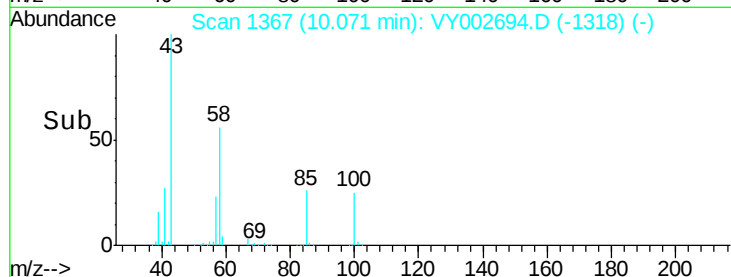
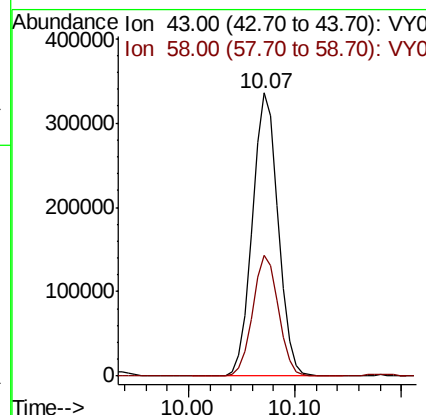
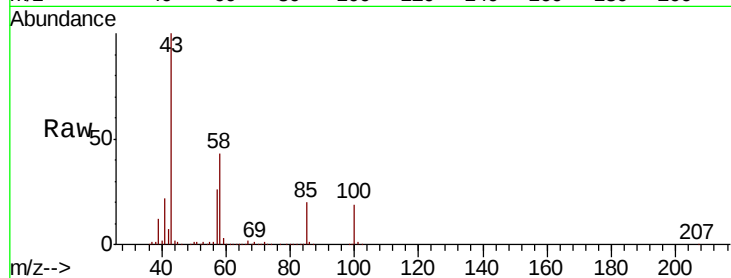




#51
4-Methyl-2-Pentanone
Concen: 257.207 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

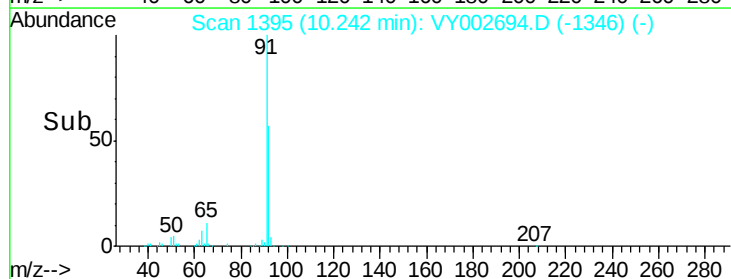
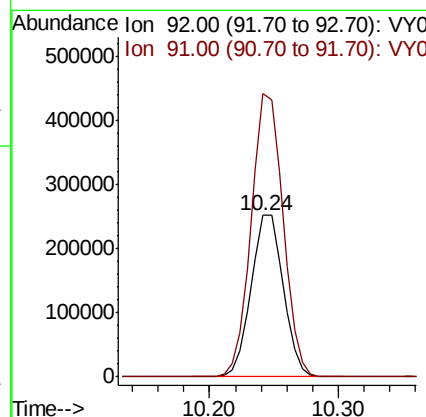
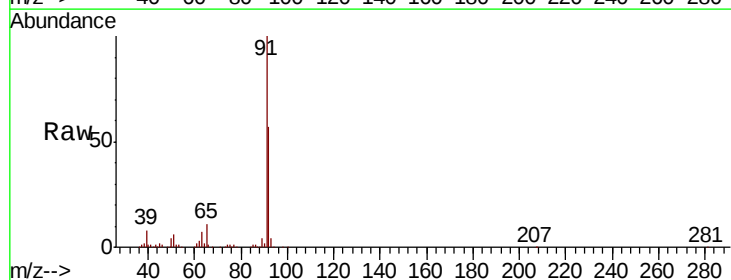
Instrument :
MSVOA_Y
ClientSampled :

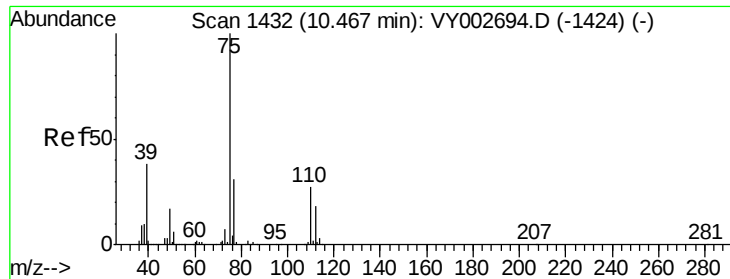
Tot Ion: 43 Resp: 570372
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1



#52
Toluene
Concen: 51.783 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 92 Resp: 433310
Ion Ratio Lower Upper
92 100
91 173.5 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 51.768 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

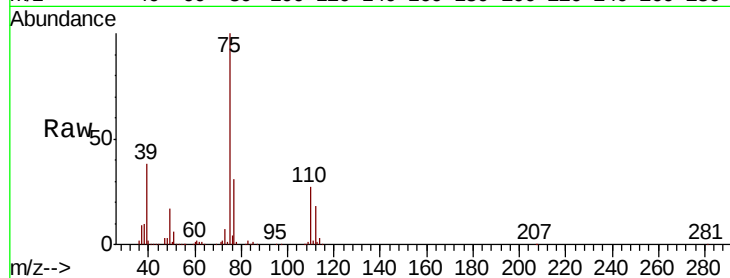
ClientSampleId :

Tot Ion: 75 Resp: 237438

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

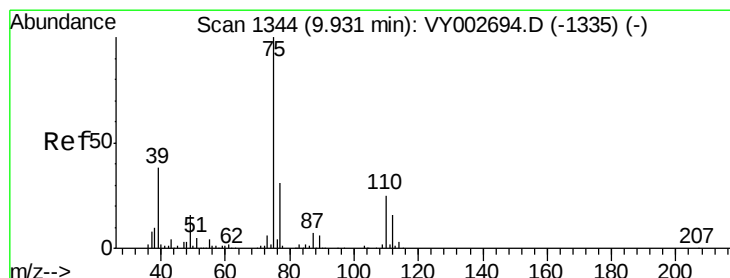
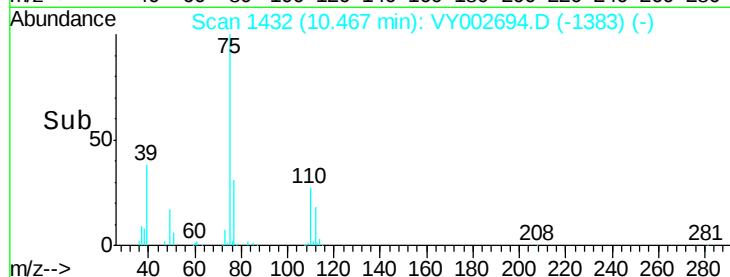
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.854 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

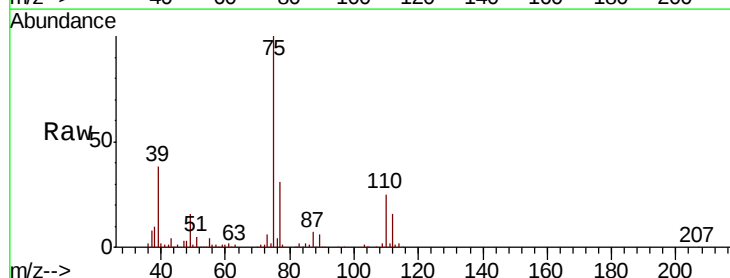
Tgt Ion: 75 Resp: 275806

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 38.4 30.7 46.1



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

9.93

200000

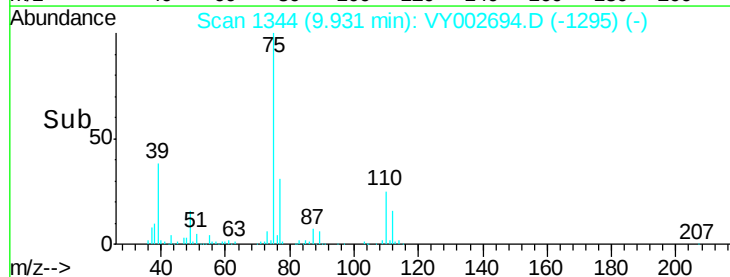
150000

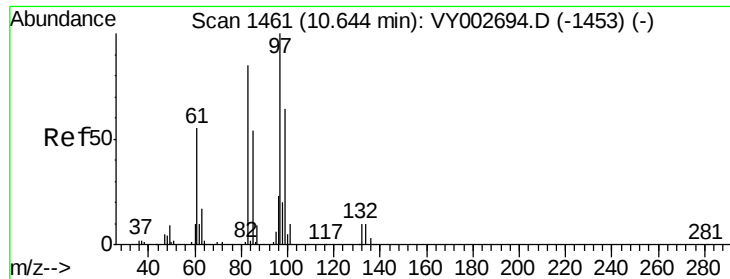
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.247 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 134539

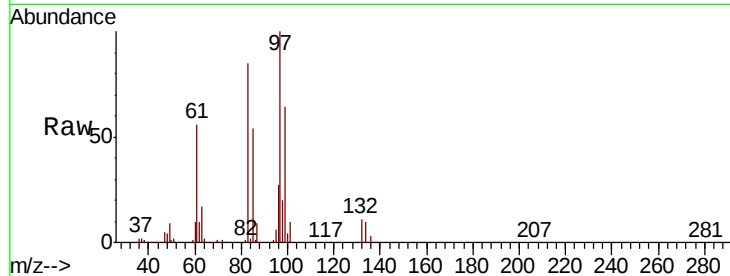
Ion Ratio Lower Upper

97 100

83 85.1 68.1 102.1

85 53.9 43.1 64.7

99 63.7 51.0 76.4

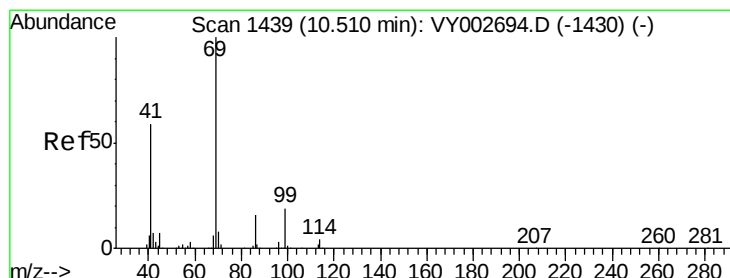
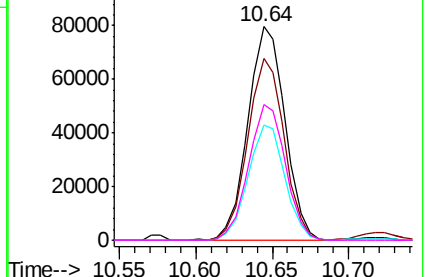
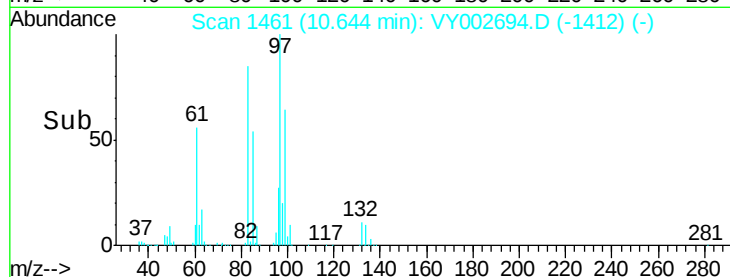


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.298 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

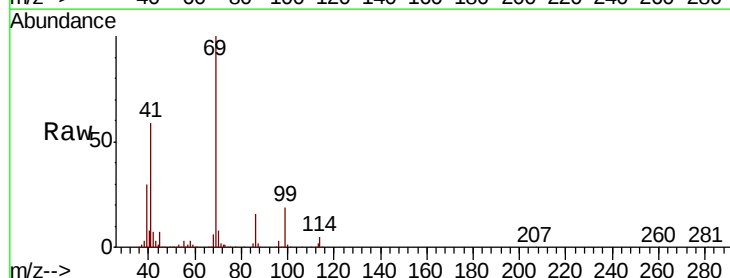
Tgt Ion: 69 Resp: 186456

Ion Ratio Lower Upper

69 100

41 60.0 48.0 72.0

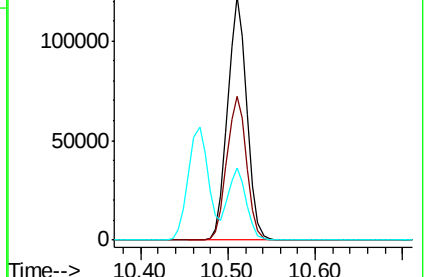
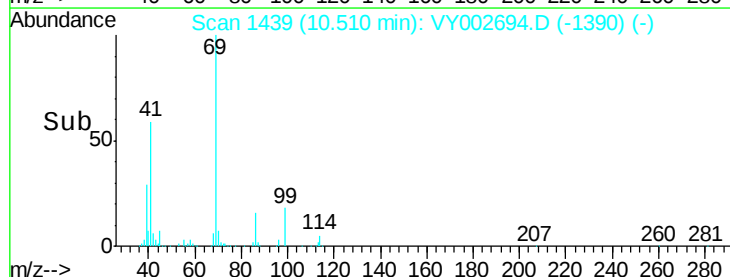
39 27.6 22.1 33.1

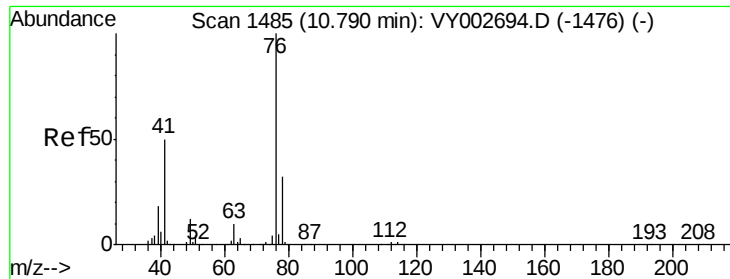


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 51.332 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

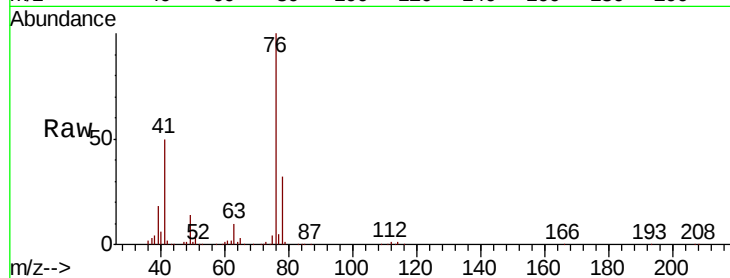
ClientSampleId :

Tot Ion: 76 Resp: 228392

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

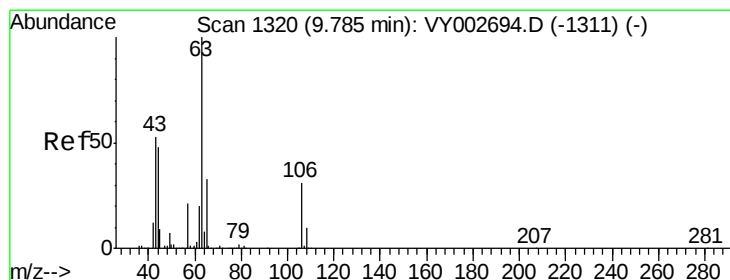
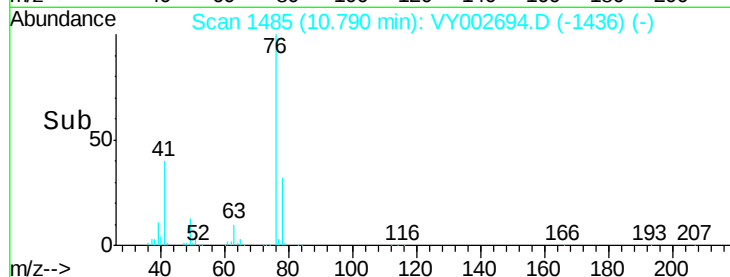
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.390 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002694.D

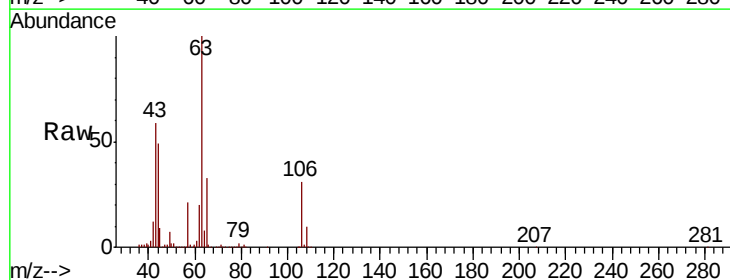
Acq: 15 May 2020 12:33

Tgt Ion: 63 Resp: 454331

Ion Ratio Lower Upper

63 100

106 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

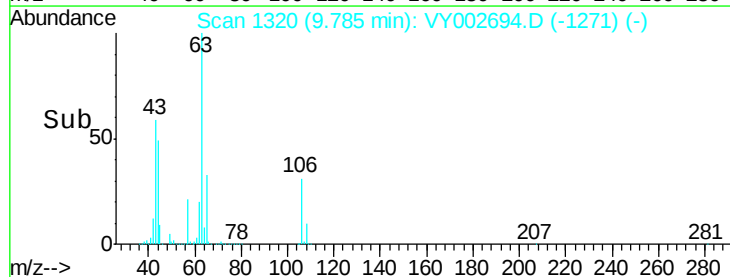
150000

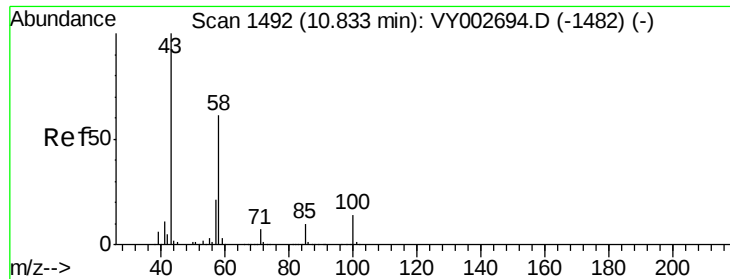
100000

50000

0

Time-->

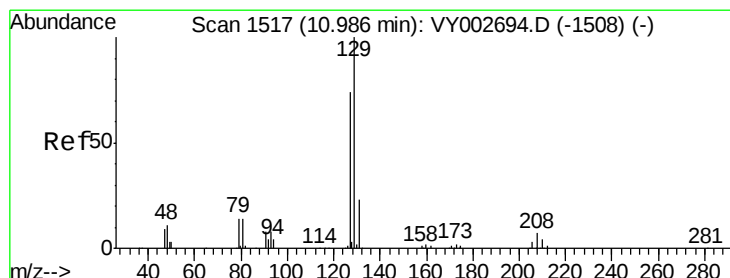
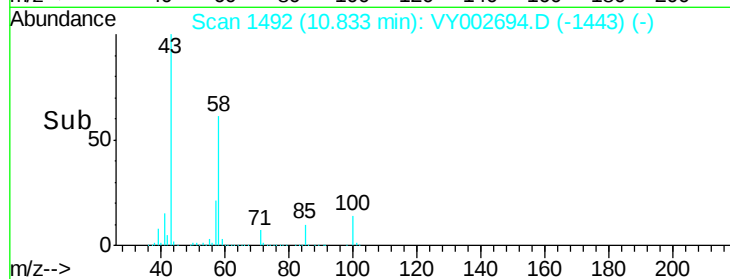
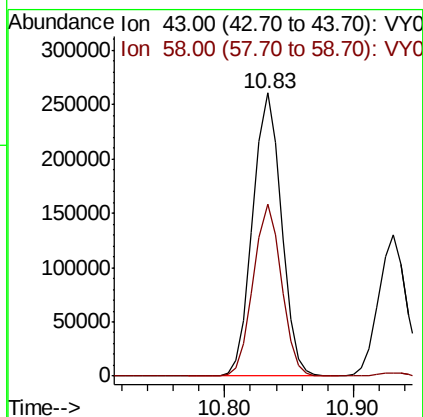
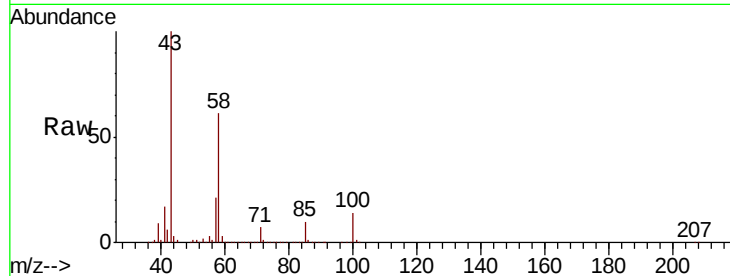




#59
2-Hexanone
Concen: 262.335 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

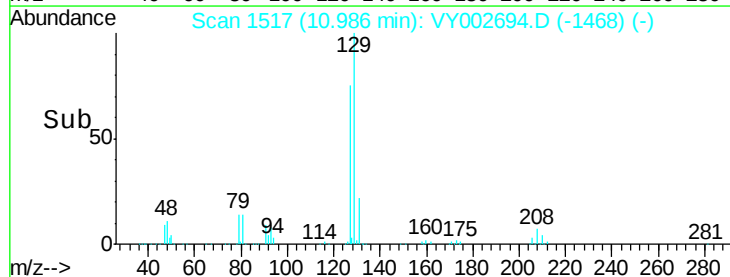
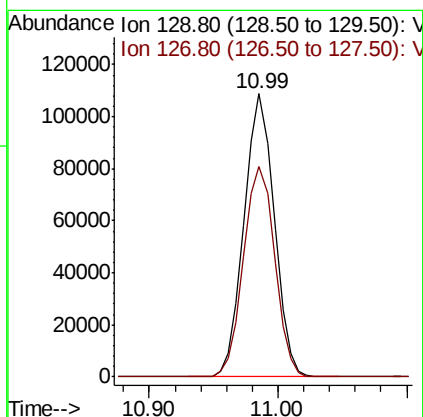
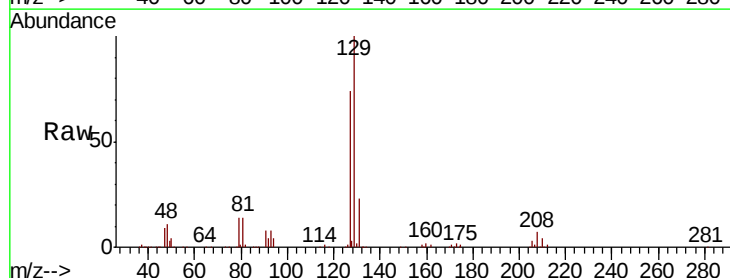
Instrument :
MSVOA_Y
ClientSampleId :

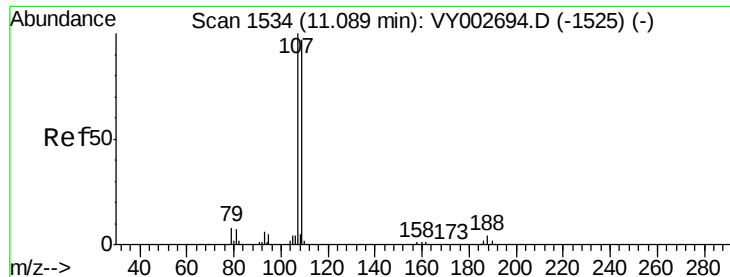
Tot Ion: 43 Resp: 400589
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.4



#60
Dibromochloromethane
Concen: 52.536 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion: 129 Resp: 176247
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

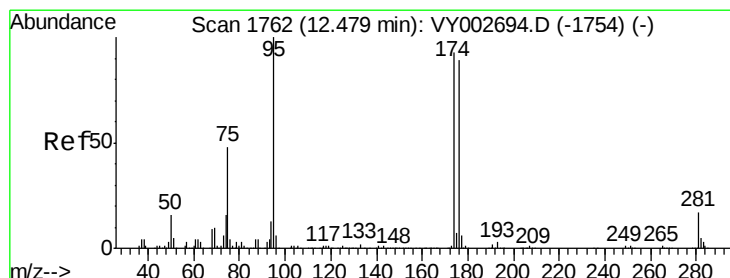
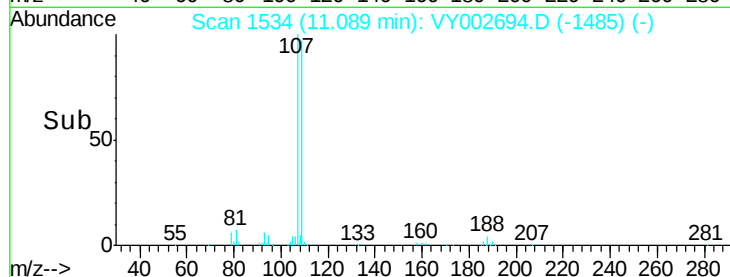
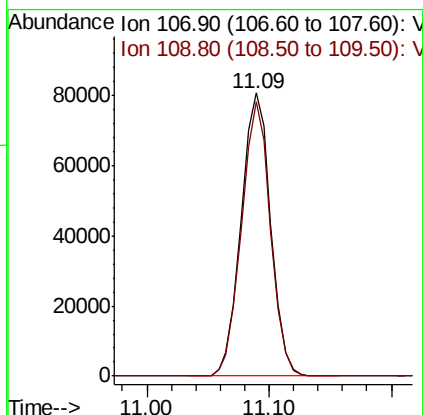
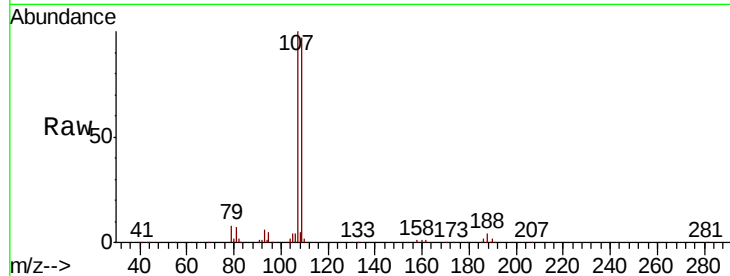




#61
 1,2-Dibromoethane
 Concen: 51.631 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

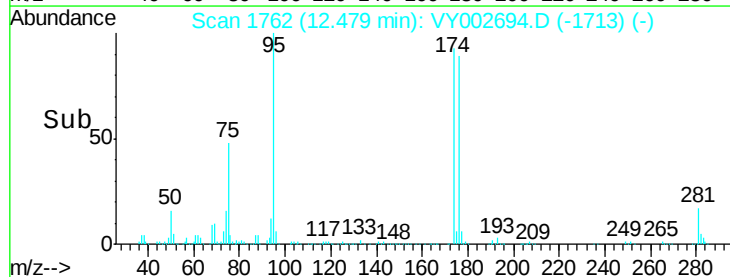
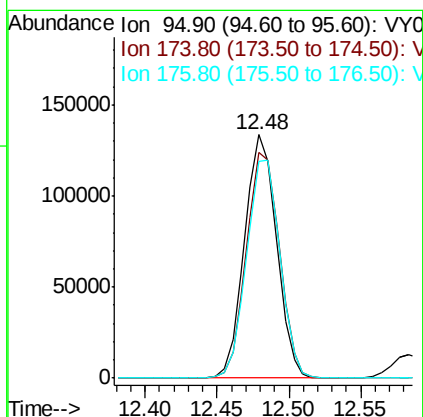
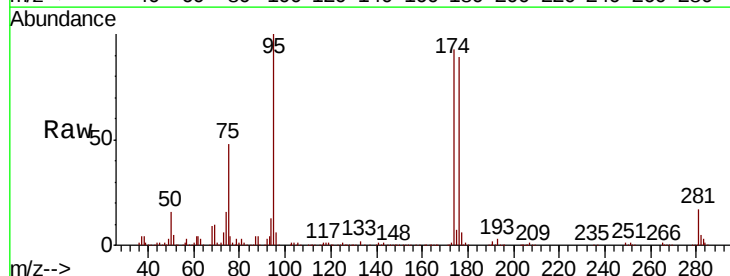
Instrument :
 MSVOA_Y
 ClientSampleId :

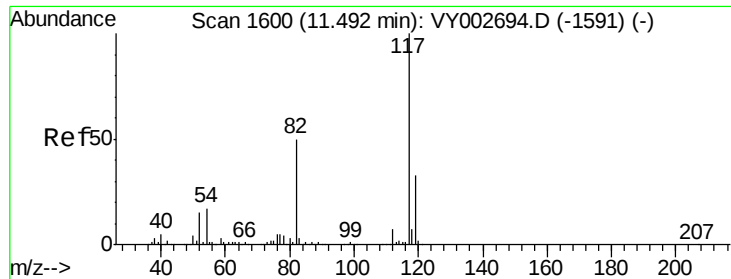
Tot Ion:107 Resp: 134727
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.208 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion: 95 Resp: 205574
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 191.4
 176 93.0 0.0 186.0

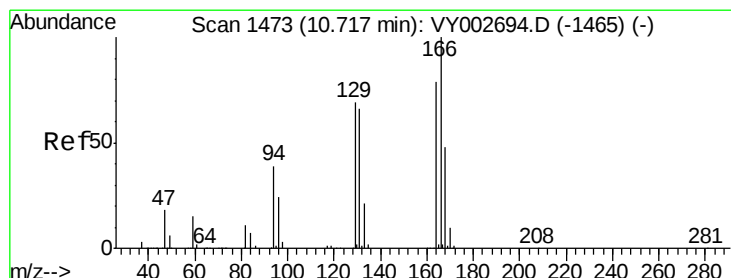
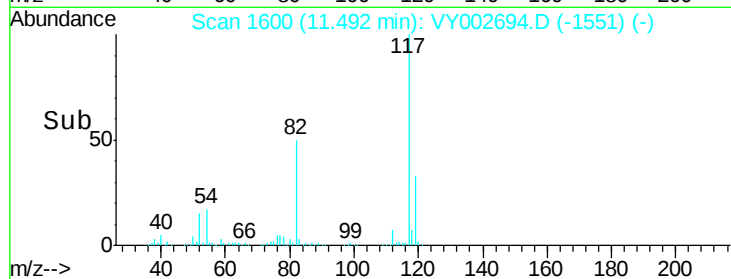
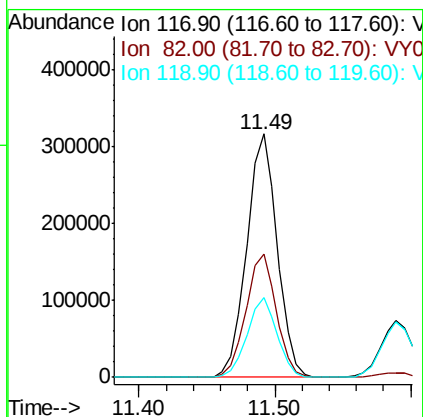
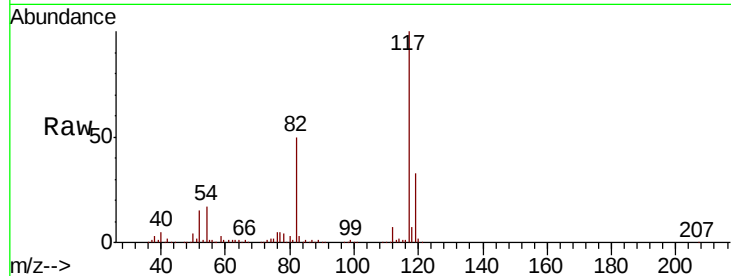




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

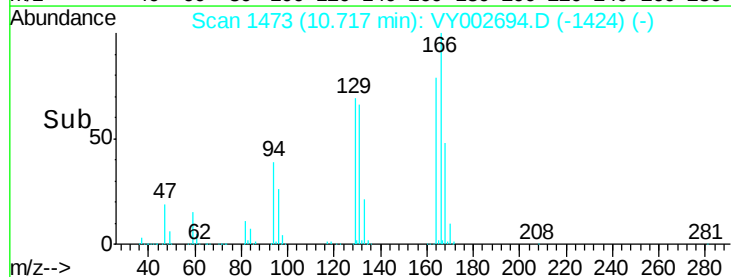
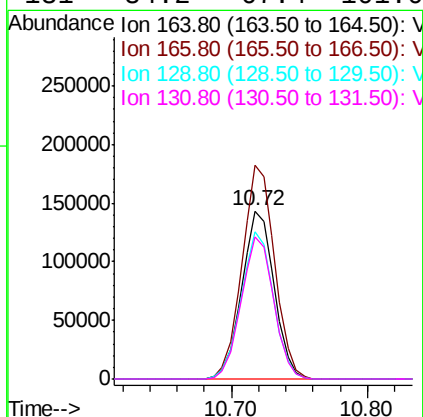
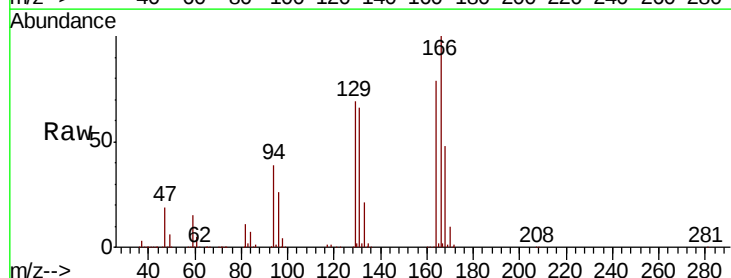
Instrument :
MSVOA_Y
ClientSampleId :

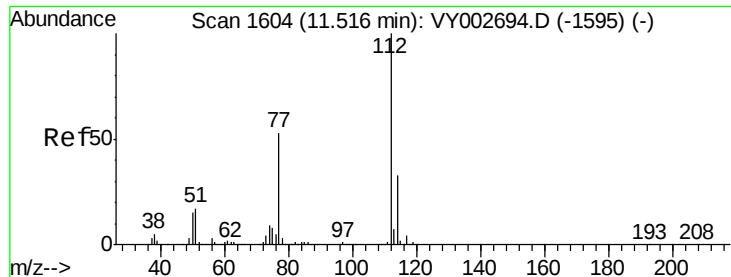
Tot Ion:117 Resp: 495920
Ion Ratio Lower Upper
117 100
82 50.4 40.3 60.5
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 53.686 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:164 Resp: 237971
Ion Ratio Lower Upper
164 100
166 127.0 101.6 152.4
129 87.8 70.2 105.4
131 84.2 67.4 101.0

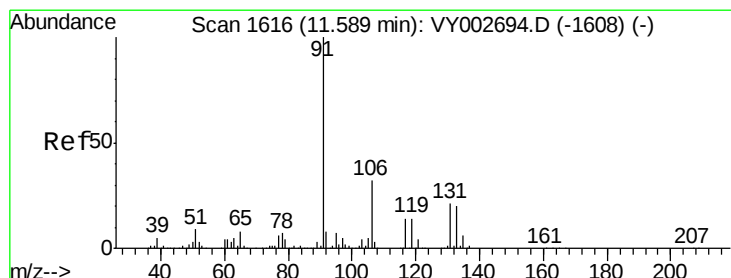
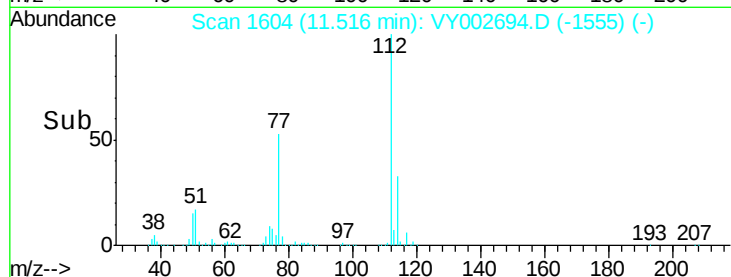
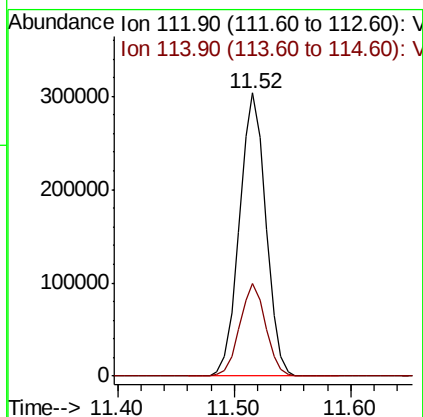
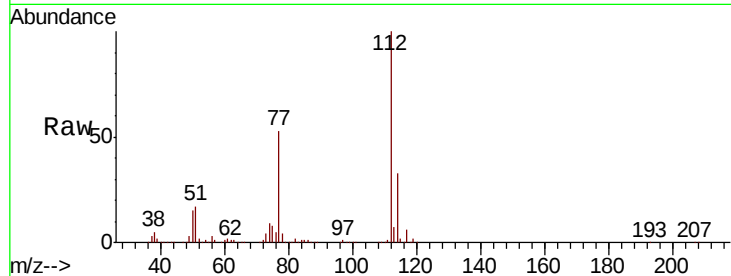




#65
Chlorobenzene
Concen: 51.076 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

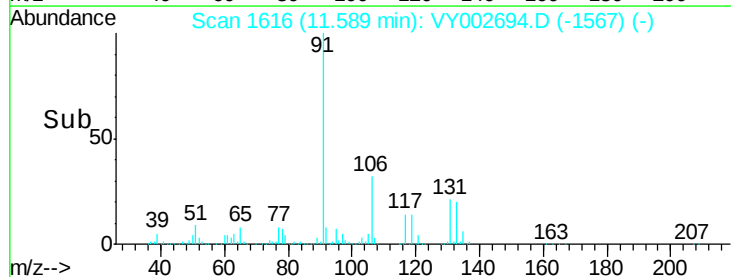
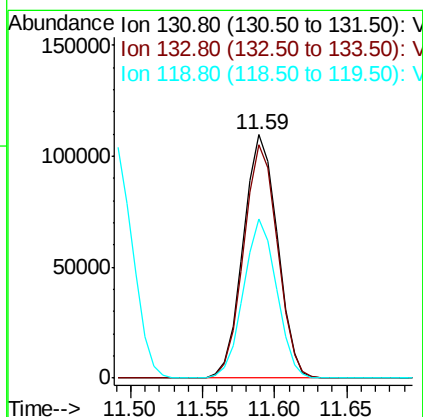
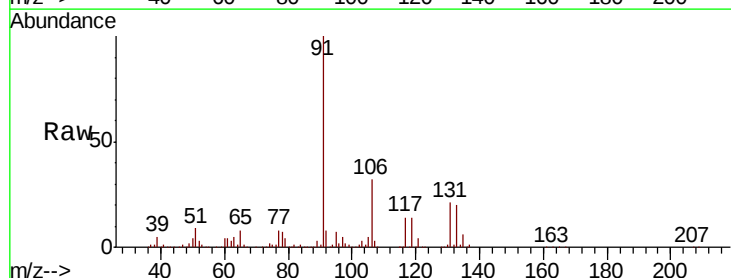
Instrument :
MSVOA_Y
ClientSampleId :

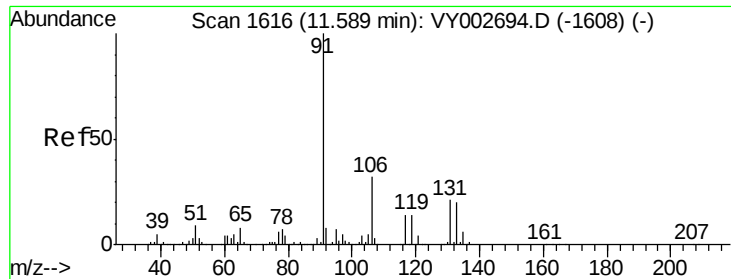
Tot Ion:112 Resp: 480531
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.704 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:131 Resp: 180442
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 63.2 31.6 94.8





#67

Ethyl Benzene

Concen: 51.185 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

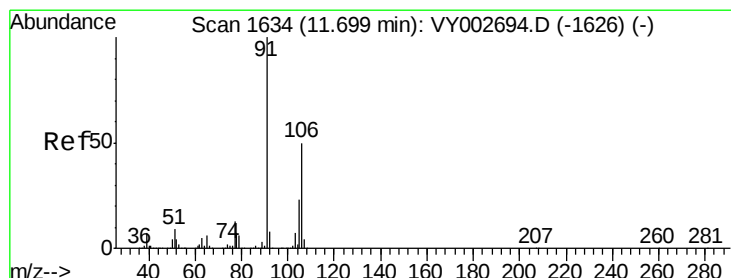
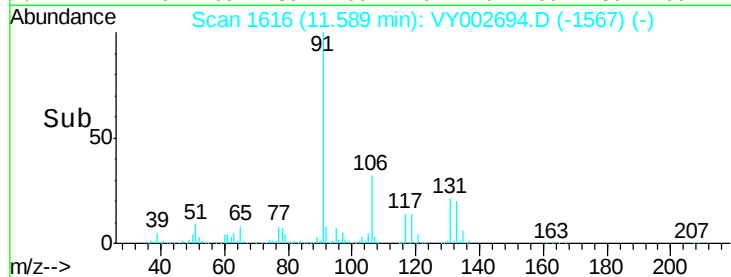
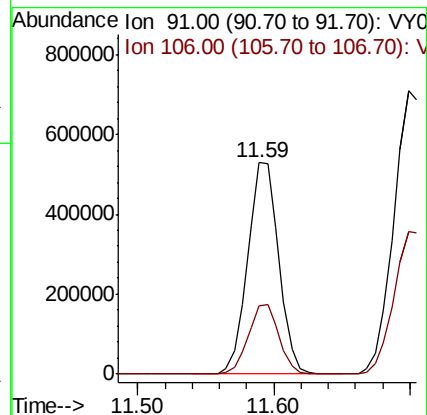
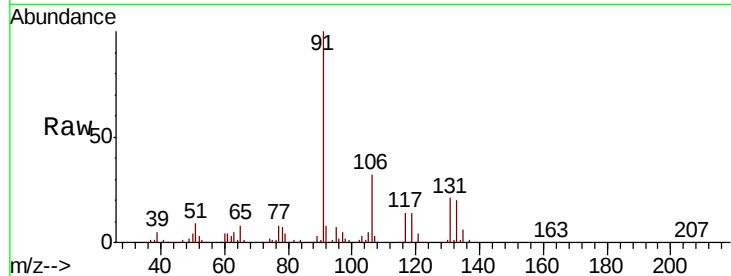
ClientSampleId :

Tot Ion: 91 Resp: 843869

Ion Ratio Lower Upper

91 100

106 32.5 26.0 39.0



#68

m/p-Xylenes

Concen: 102.909 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002694.D

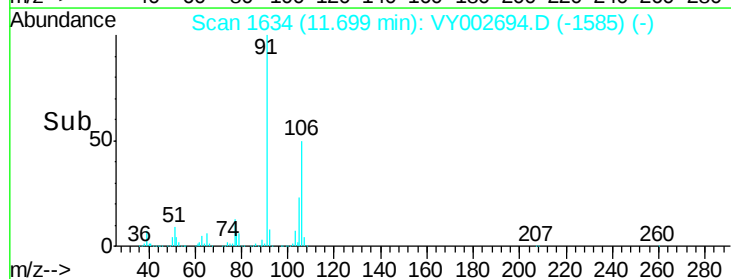
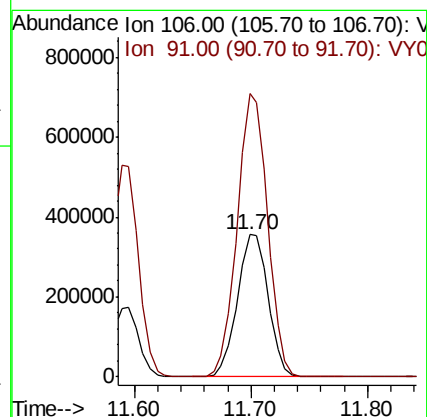
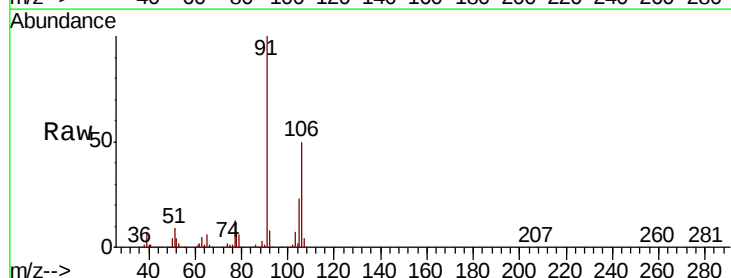
Acq: 15 May 2020 12:33

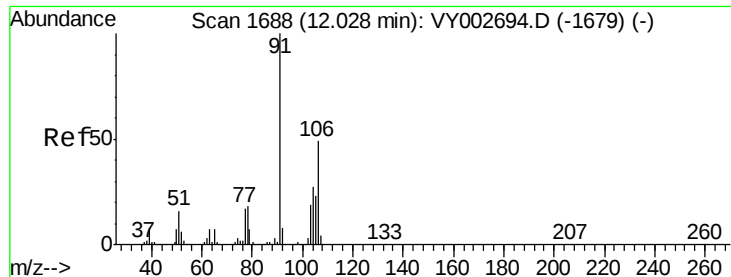
Tgt Ion: 106 Resp: 657556

Ion Ratio Lower Upper

106 100

91 195.3 156.2 234.4

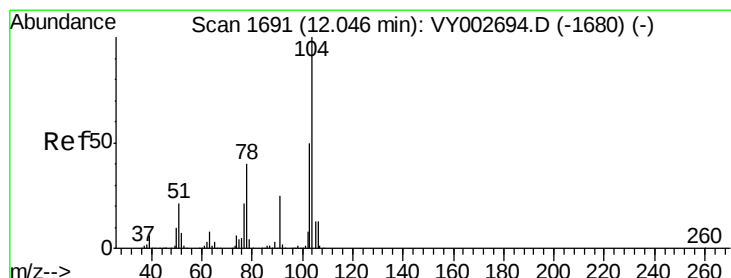
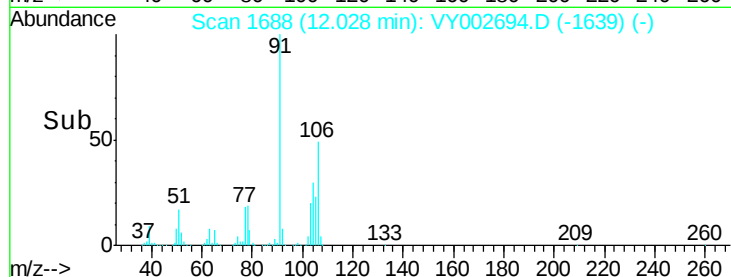
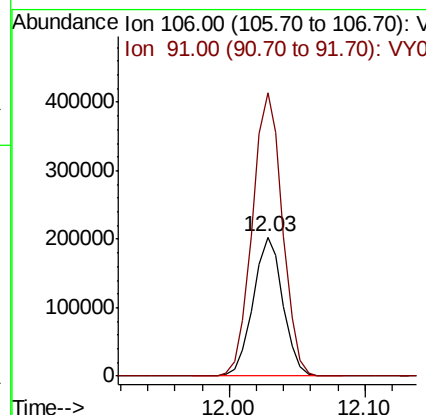
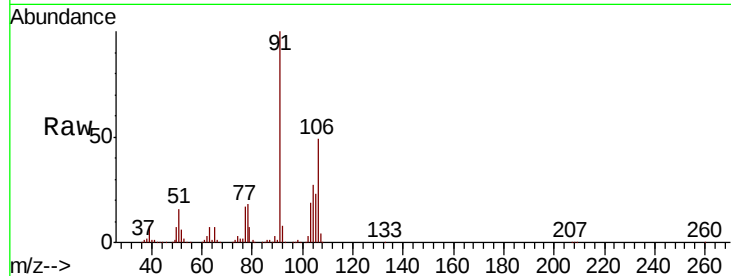




#69
o-Xylene
Concen: 51.755 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

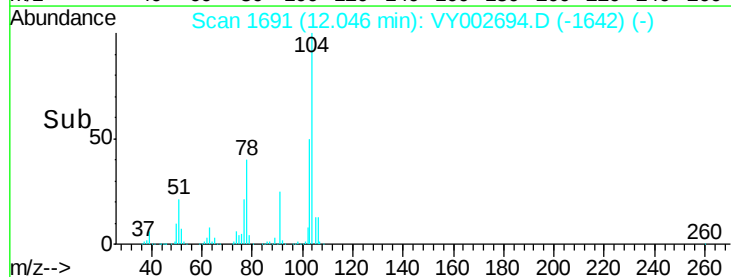
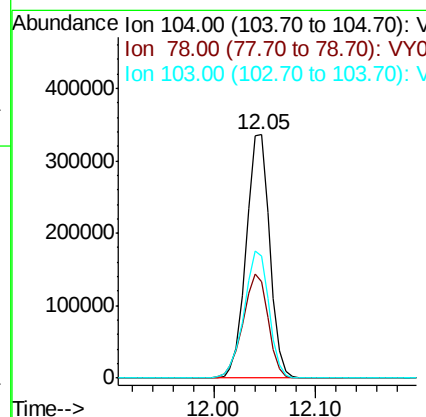
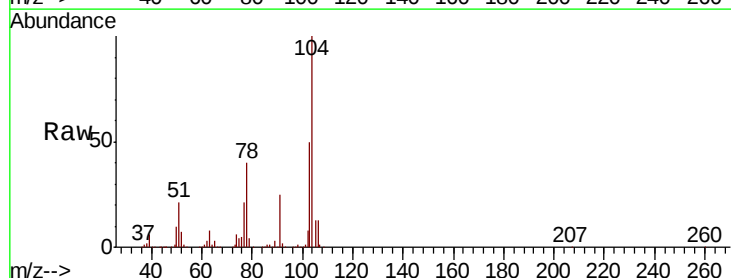
Instrument :
MSVOA_Y
ClientSampled :

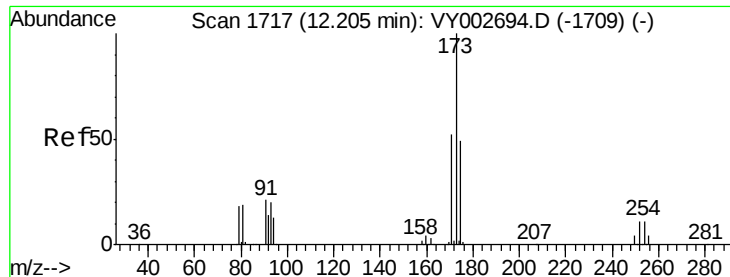
Tot Ion:106 Resp: 310435
Ion Ratio Lower Upper
106 100
91 206.9 103.5 310.3



#70
Styrene
Concen: 52.370 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:104 Resp: 536364
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 55.1 44.1 66.1

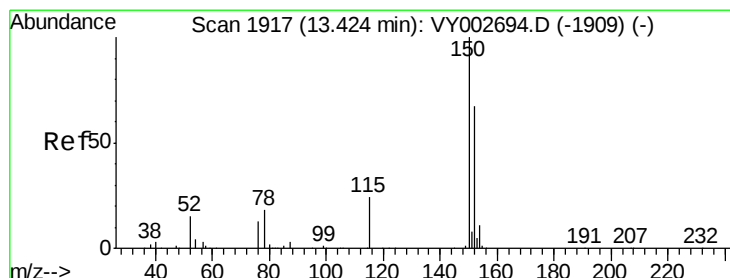
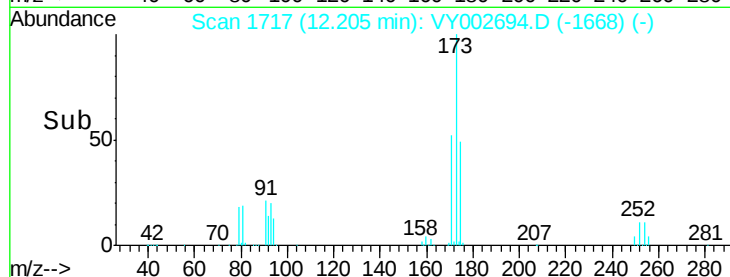
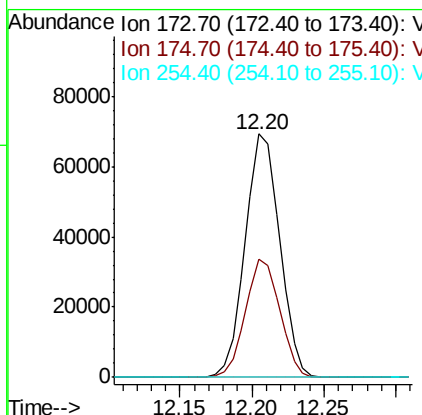
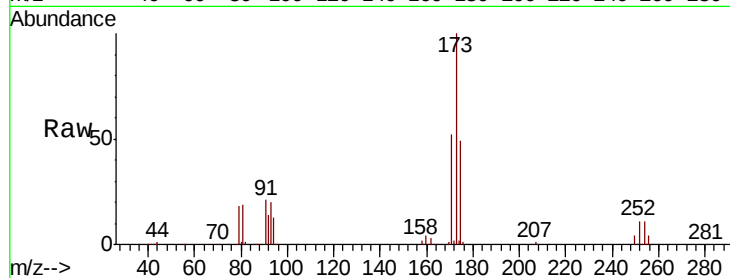




#71
Bromoform
Concen: 53.054 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

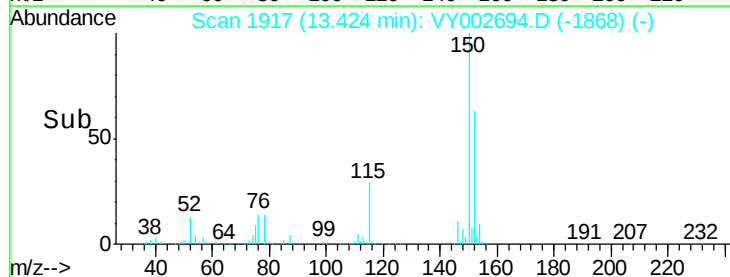
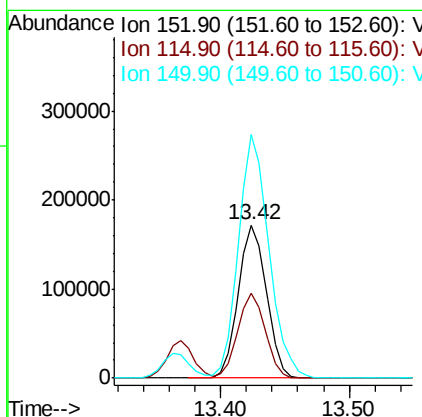
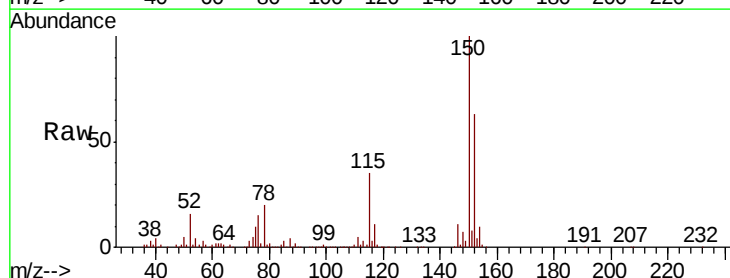
Instrument :
MSVOA_Y
ClientSampleId :

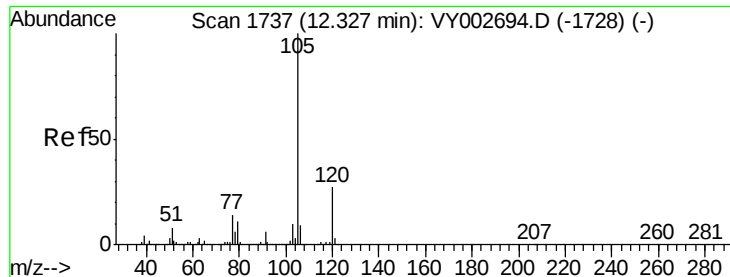
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	171.9	0.0	343.8





#73

Isopropylbenzene

Concen: 50.500 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

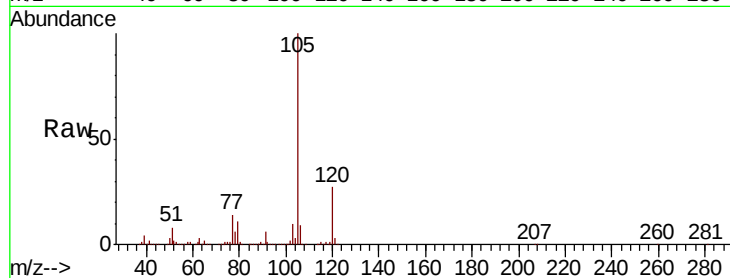
ClientSampleId :

Tot Ion:105 Resp: 847270

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

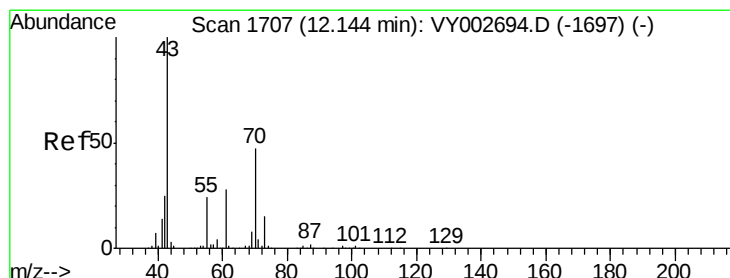
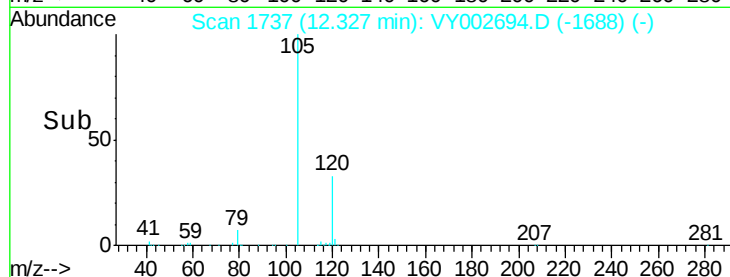
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.908 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion: 43 Resp: 208321

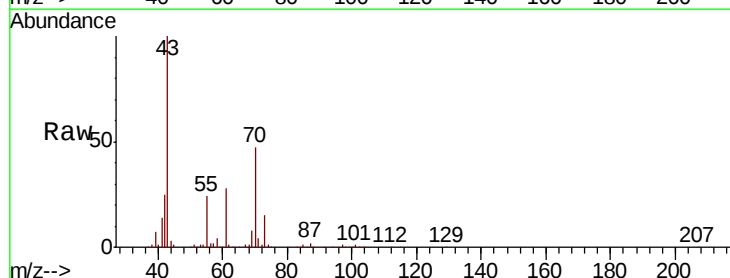
Ion Ratio Lower Upper

43 100

70 47.1 37.7 56.5

55 24.2 19.4 29.0

61 26.6 21.3 31.9



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

200000

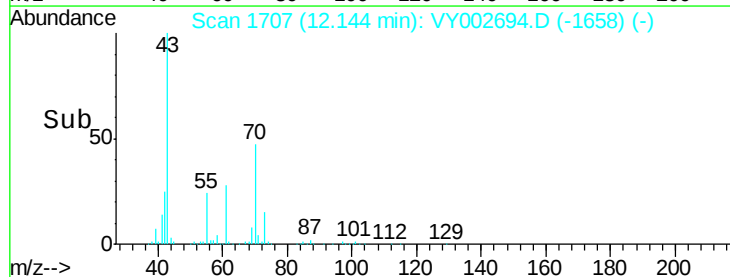
150000

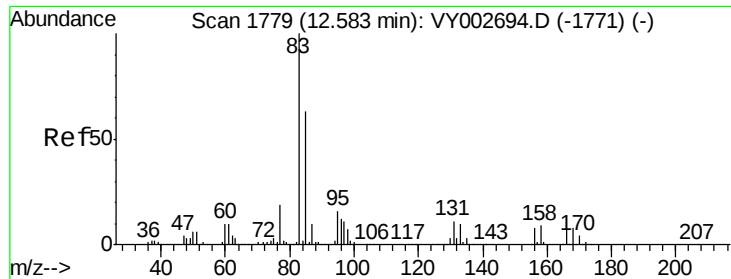
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.272 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

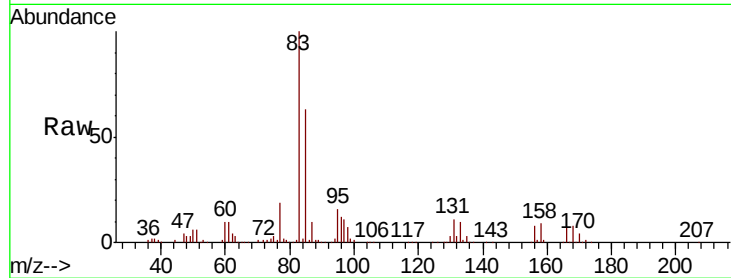
Tot Ion: 83 Resp: 127050

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

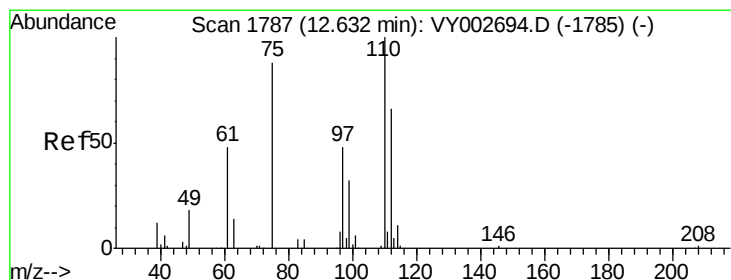
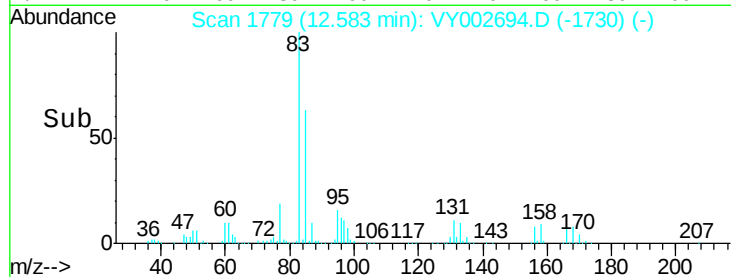
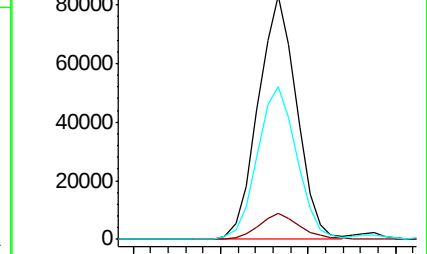
85 63.9 31.9 95.9



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: 90.800 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002694.D

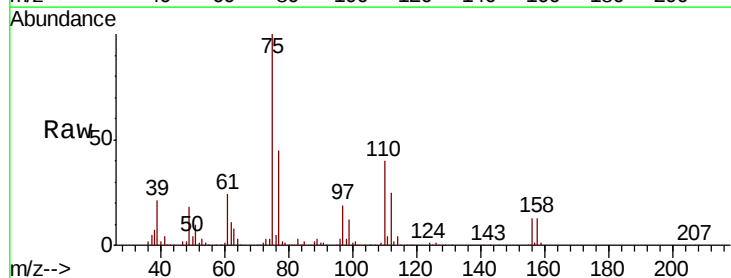
Acq: 15 May 2020 12:33

Tgt Ion: 75 Resp: 204914

Ion Ratio Lower Upper

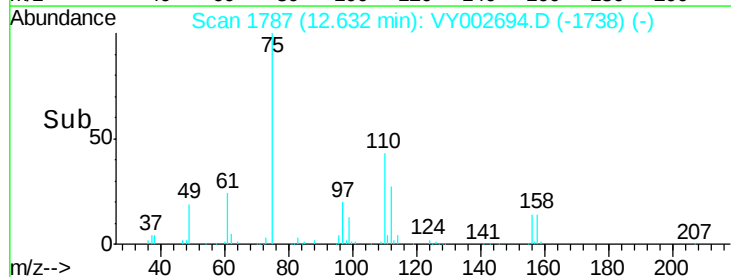
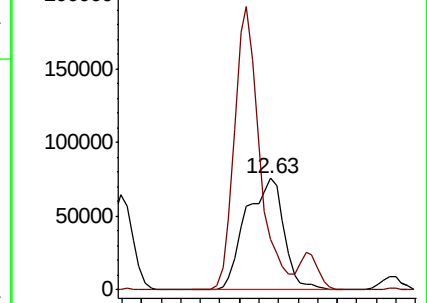
75 100

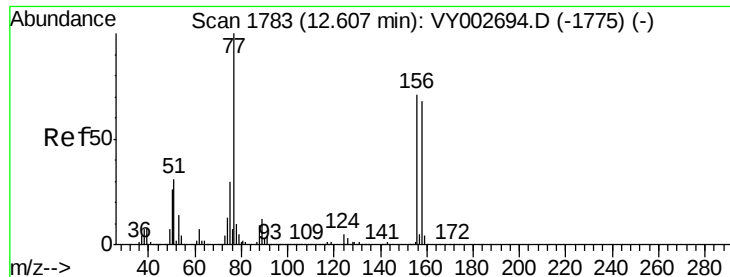
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.574 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

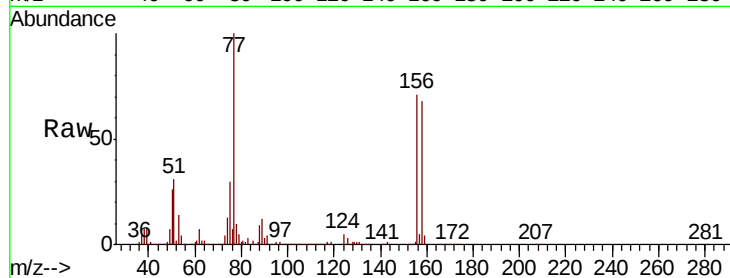
Tot Ion:156 Resp: 211962

Ion Ratio Lower Upper

156 100

77 161.5 80.8 242.3

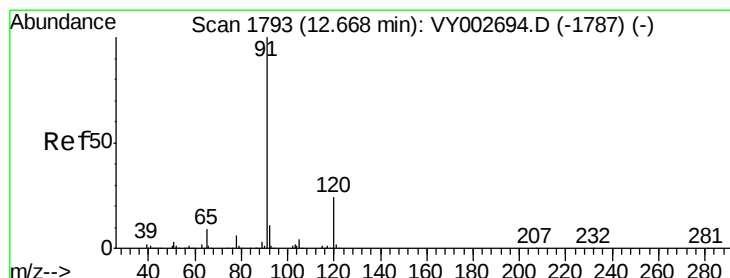
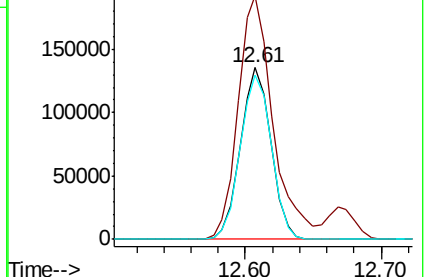
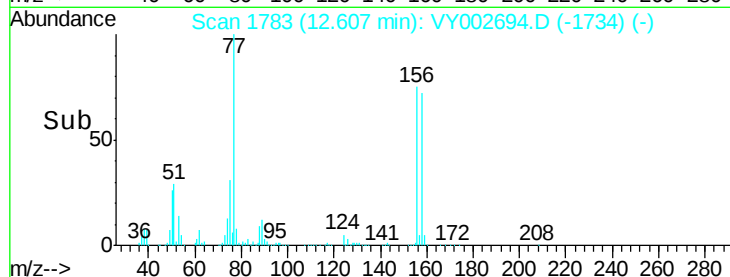
158 98.0 49.0 147.0



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: 50.594 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002694.D

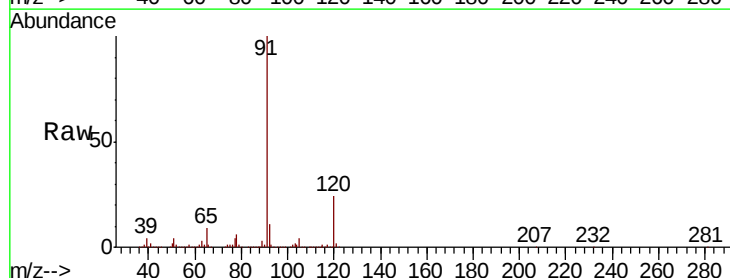
Acq: 15 May 2020 12:33

Tgt Ion: 91 Resp: 985028

Ion Ratio Lower Upper

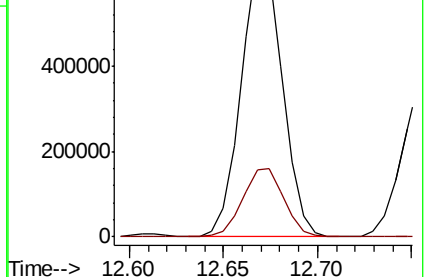
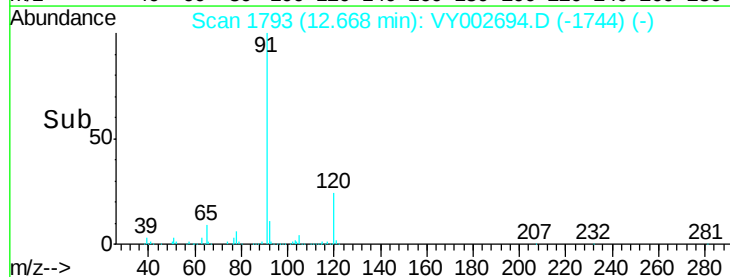
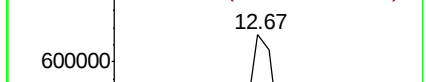
91 100

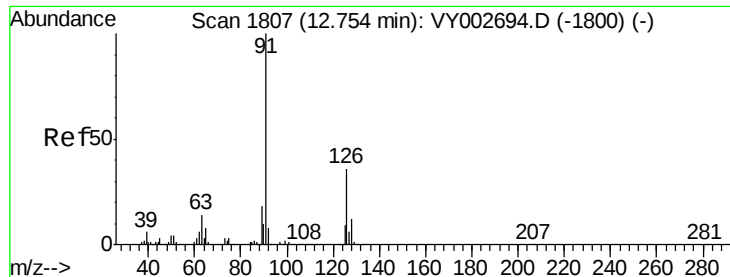
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.364 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

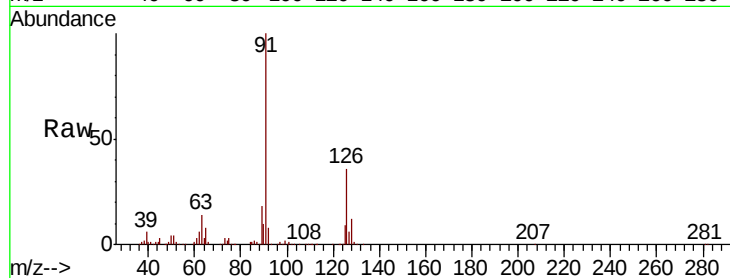
ClientSampleId :

Tot Ion: 91 Resp: 543641

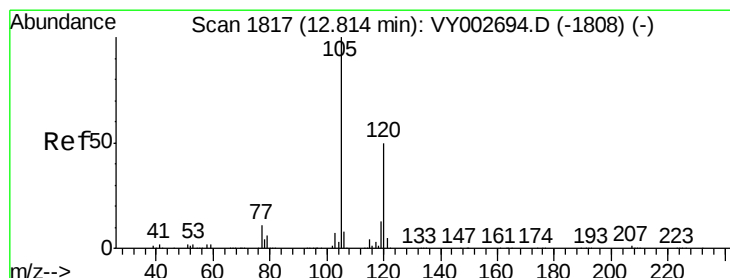
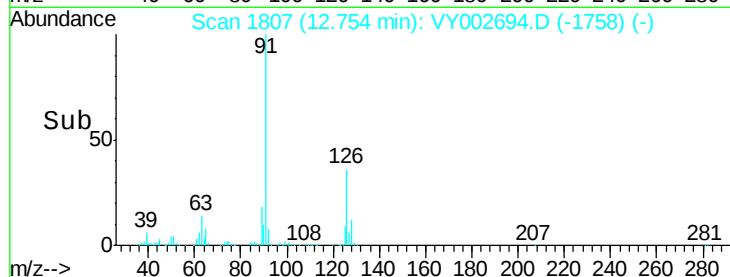
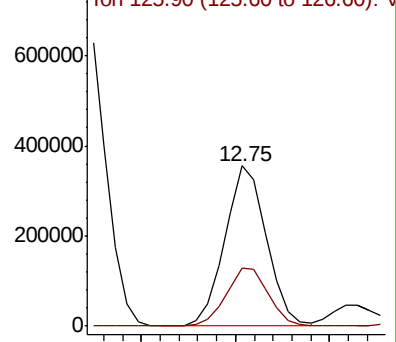
Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY002694.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.285 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002694.D

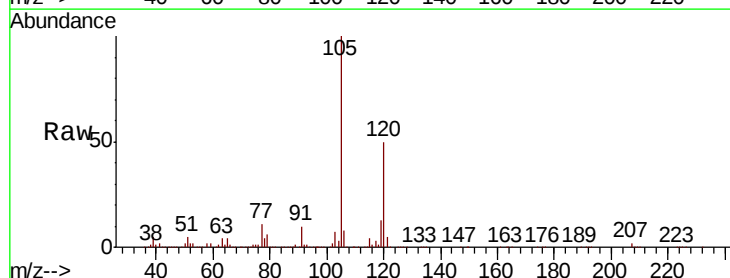
Acq: 15 May 2020 12:33

Tgt Ion:105 Resp: 713834

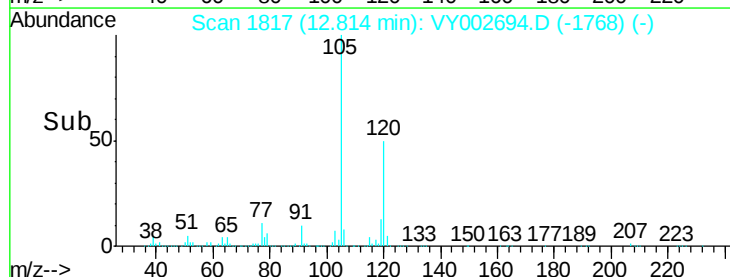
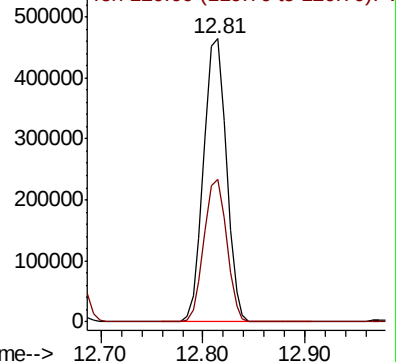
Ion Ratio Lower Upper

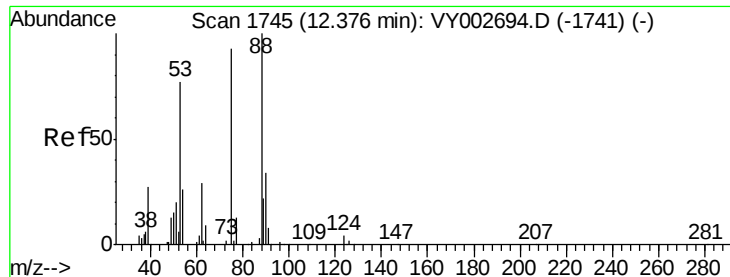
105 100

120 50.3 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY002694.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.325 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

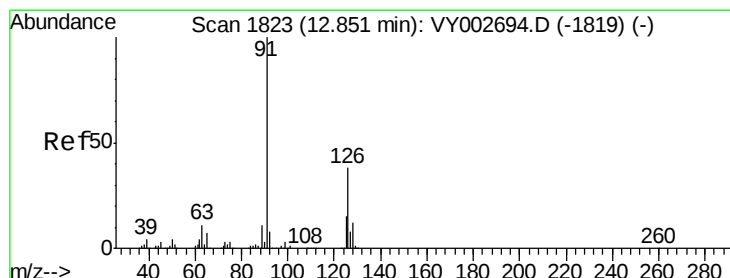
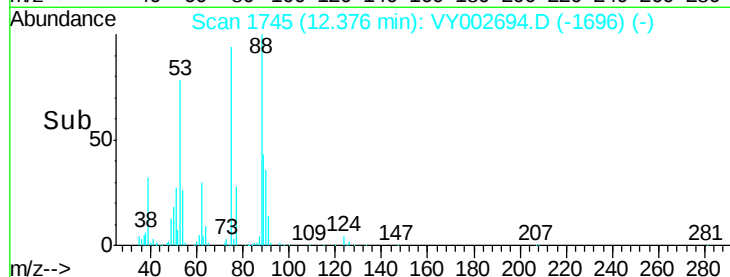
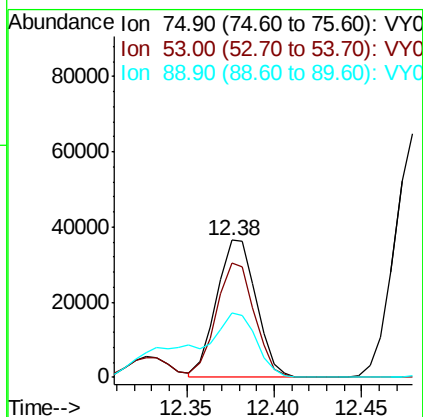
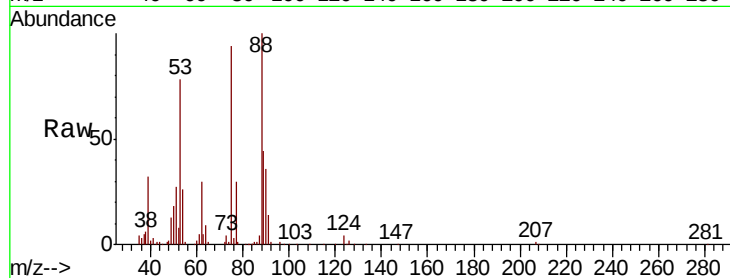
Tot Ion: 75 Resp: 57354

Ion Ratio Lower Upper

75 100

53 81.3 65.0 97.6

89 83.2 66.6 99.8



#82

4-Chlorotoluene

Concen: 50.010 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002694.D

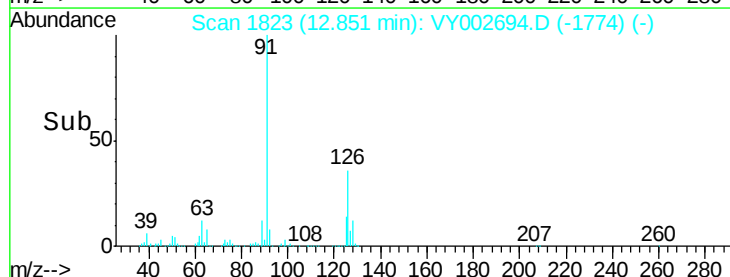
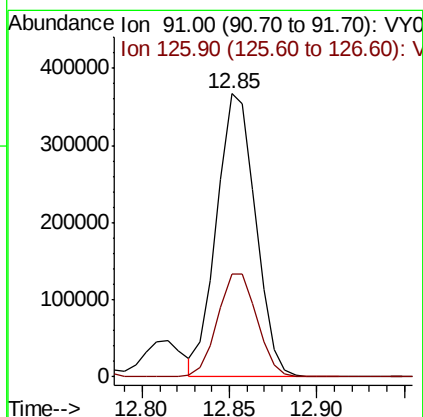
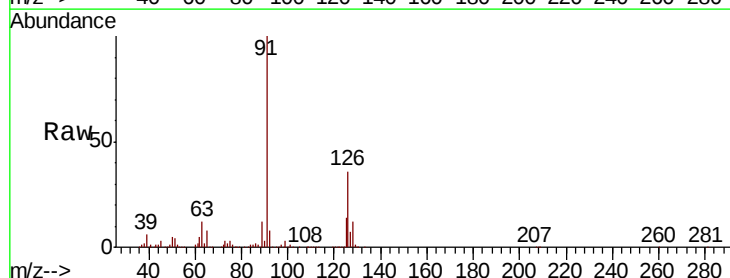
Acq: 15 May 2020 12:33

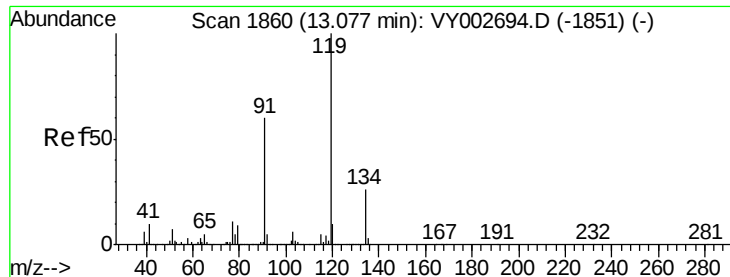
Tgt Ion: 91 Resp: 565959

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0

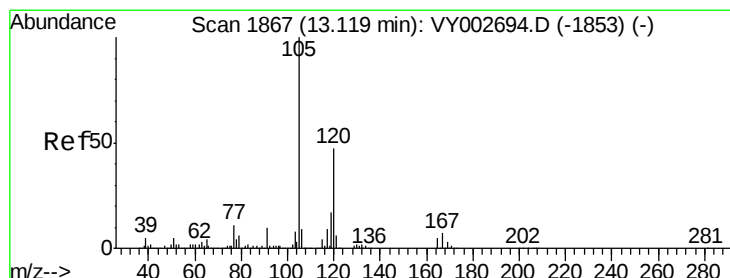
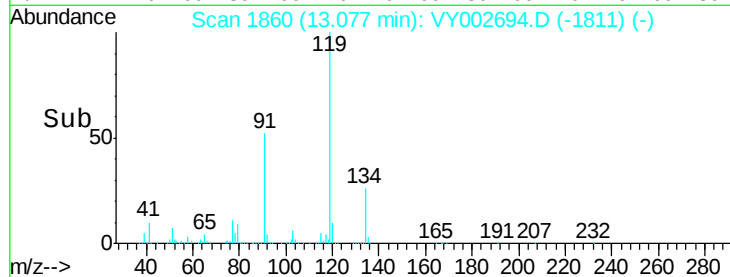
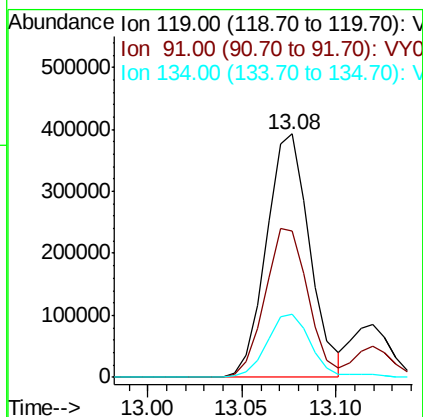
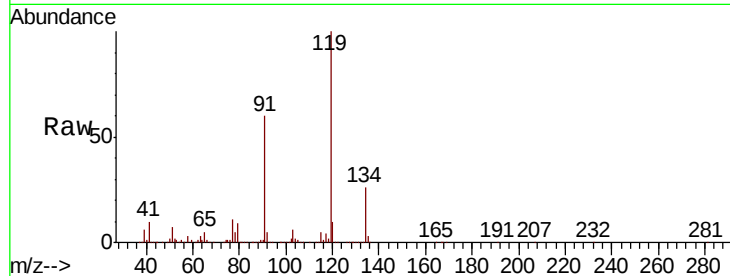




#83
tert-Butylbenzene
Concen: 51.299 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

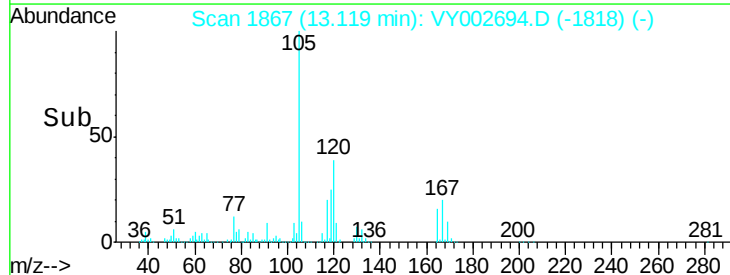
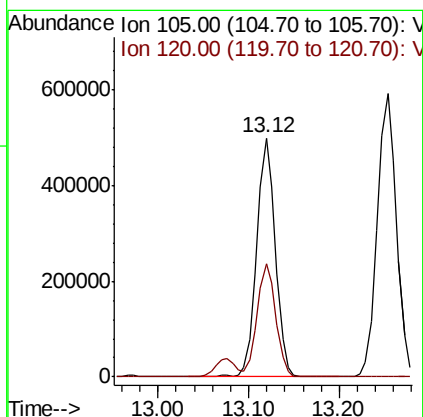
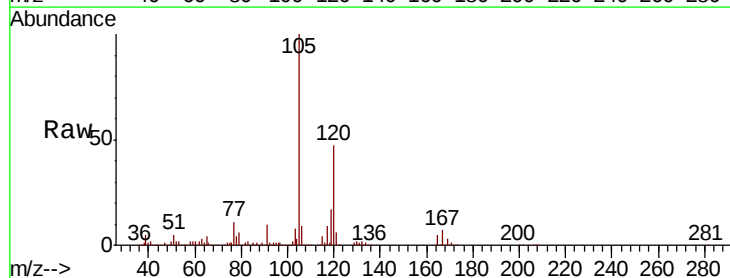
Instrument :
MSVOA_Y
ClientSampleId :

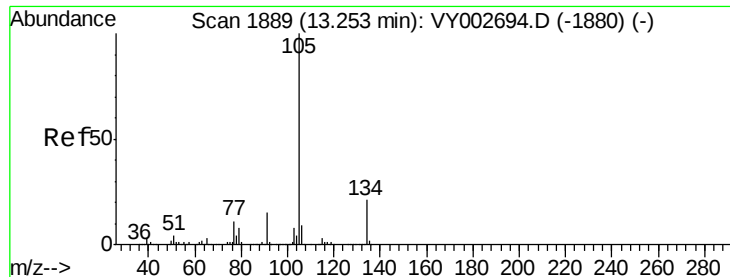
Tot Ion:119 Resp: 625947
Ion Ratio Lower Upper
119 100
91 60.8 30.4 91.2
134 26.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 51.234 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:105 Resp: 711424
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 50.983 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

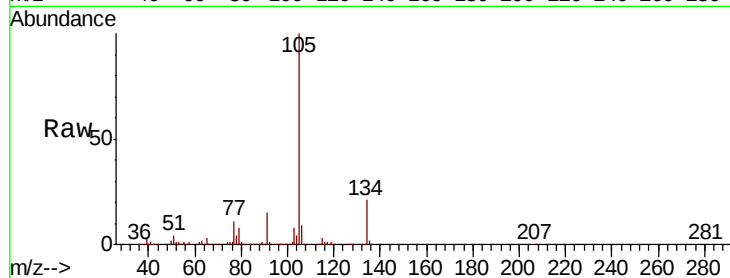
ClientSampleId :

Tot Ion:105 Resp: 863384

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

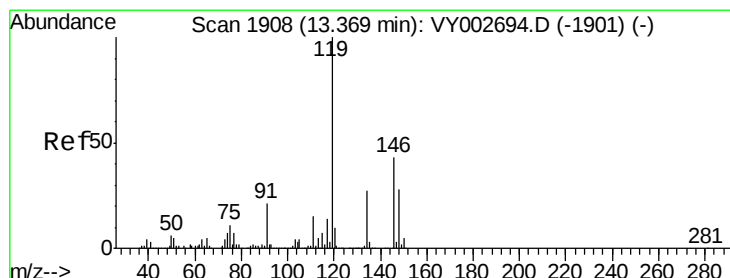
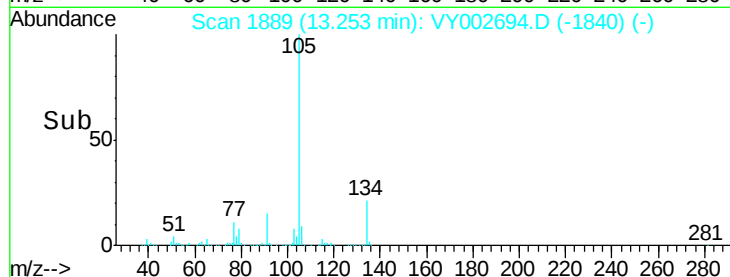
600000

400000

200000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 51.344 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

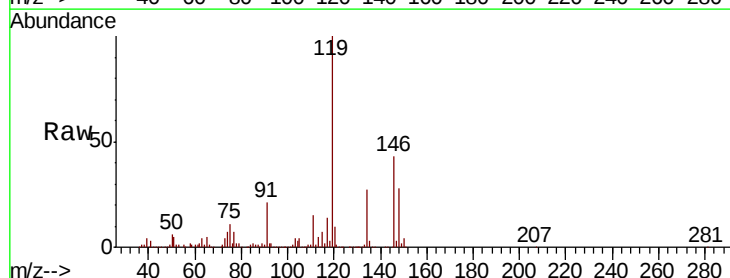
Tgt Ion:119 Resp: 814805

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.5 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

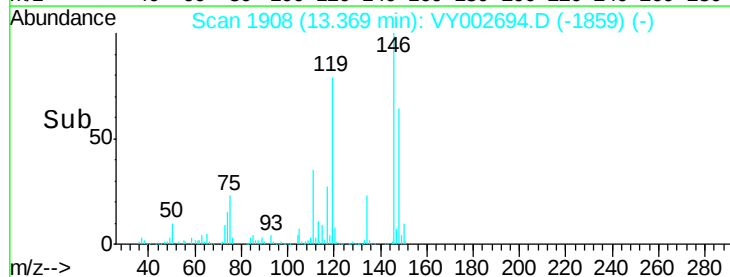
600000

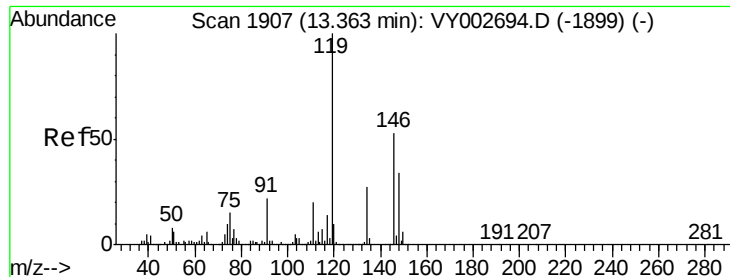
400000

200000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 50.595 ug/l

RT: 13.36 min Scan# 1907

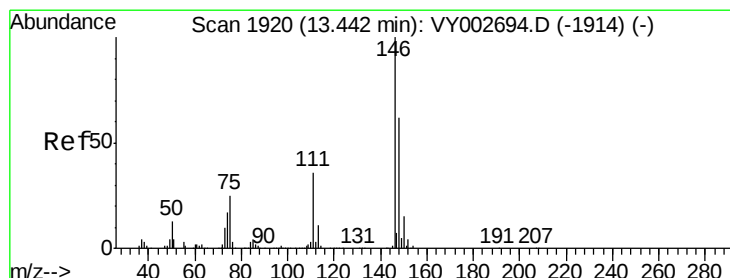
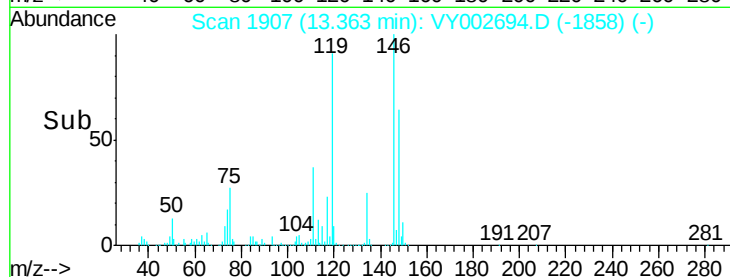
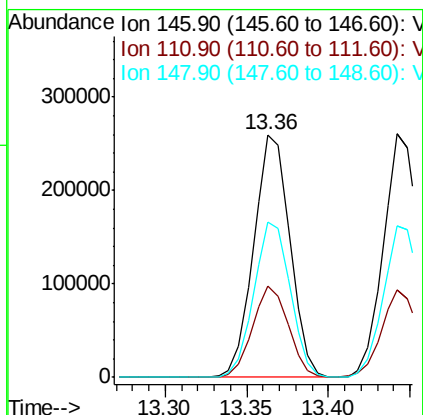
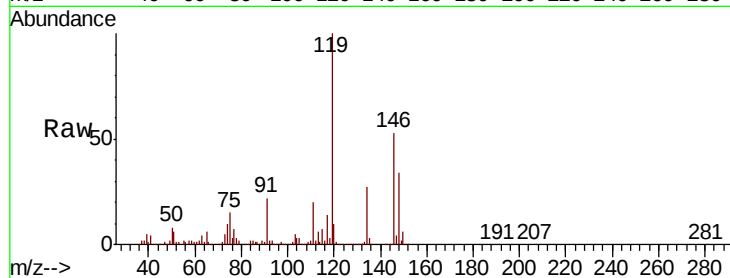
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.3	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 51.016 ug/l

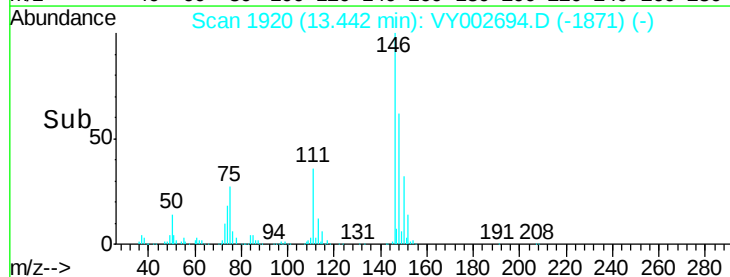
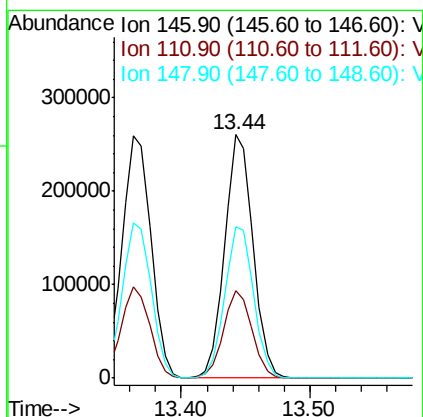
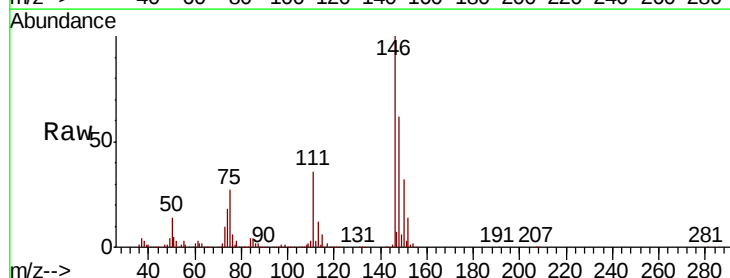
RT: 13.44 min Scan# 1920

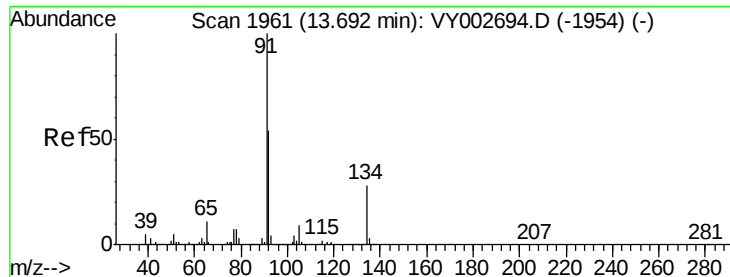
Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	63.5	31.8	95.3





#89

n-Butylbenzene

Concen: 51.158 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

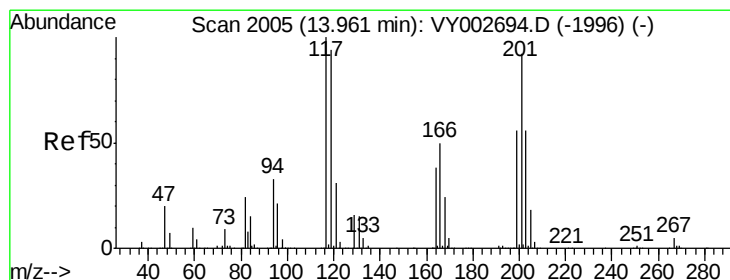
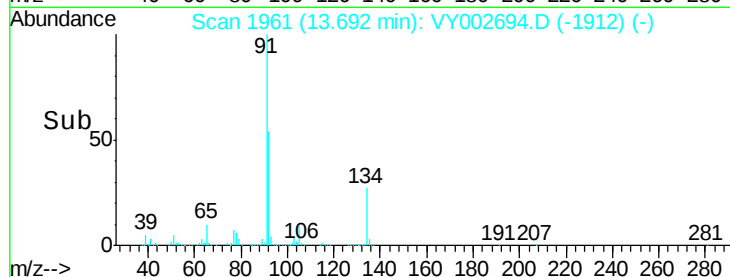
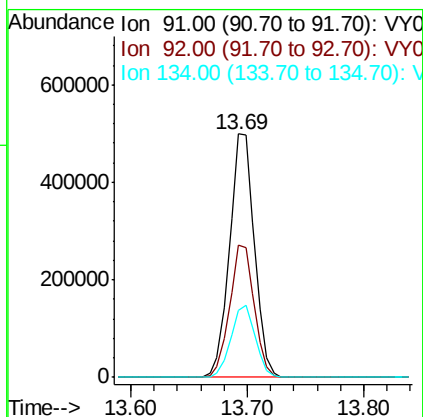
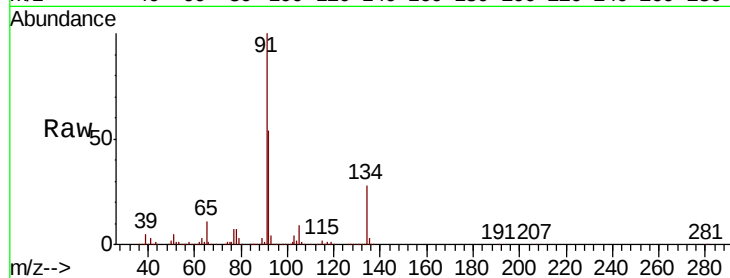
Tot Ion: 91 Resp: 740044

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 29.0 14.5 43.5



#90

Hexachloroethane

Concen: 51.835 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002694.D

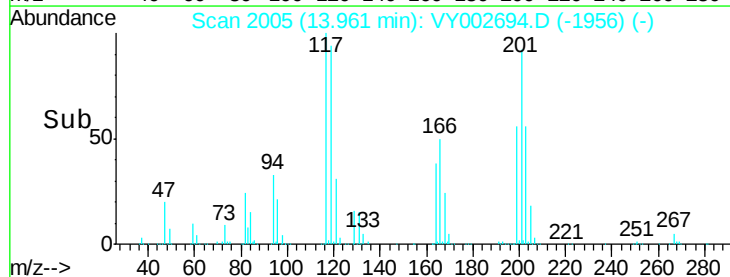
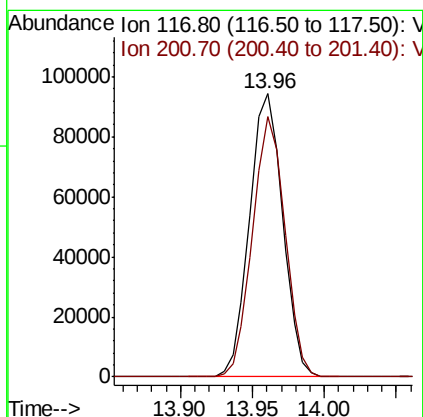
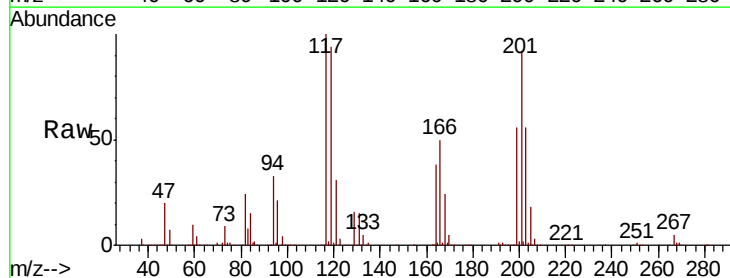
Acq: 15 May 2020 12:33

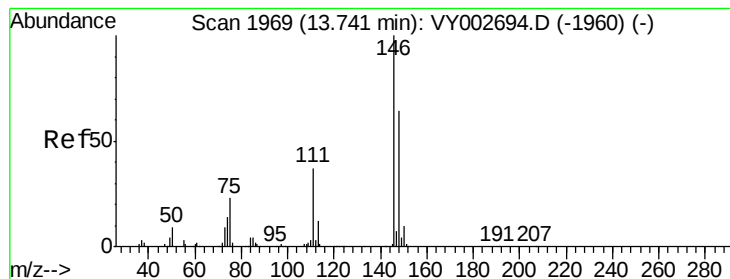
Tgt Ion: 117 Resp: 150371

Ion Ratio Lower Upper

117 100

201 89.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 51.086 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

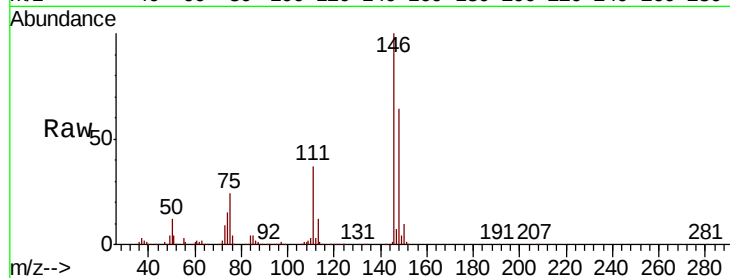
Tot Ion:146 Resp: 362264

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

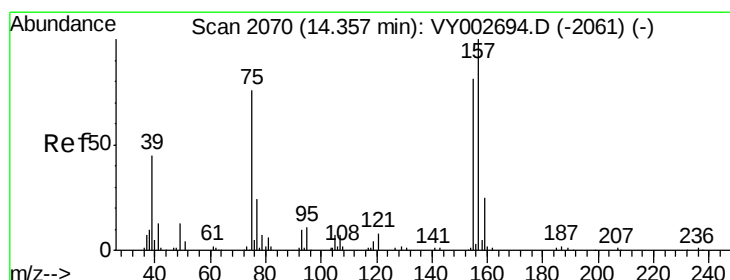
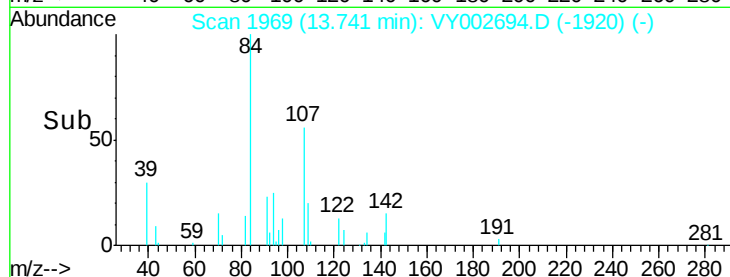
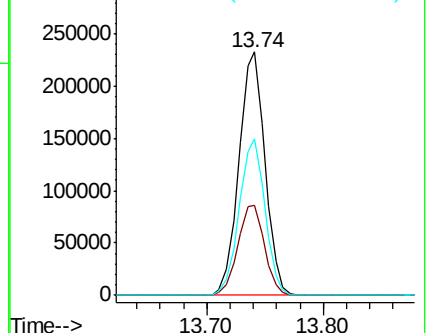
148 63.8 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.959 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002694.D

Acq: 15 May 2020 12:33

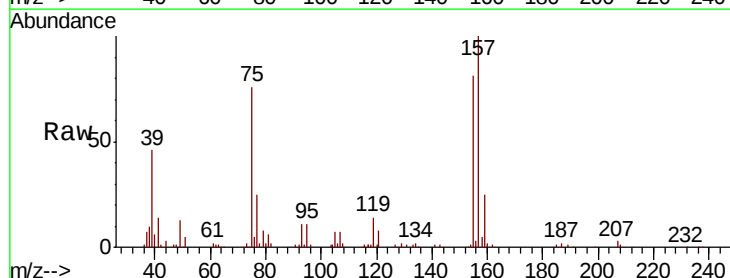
Tgt Ion: 75 Resp: 24166

Ion Ratio Lower Upper

75 100

155 107.1 53.5 160.7

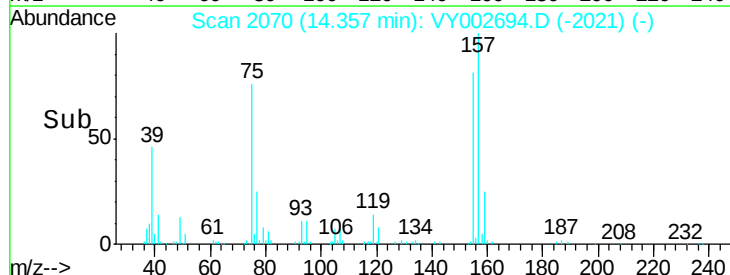
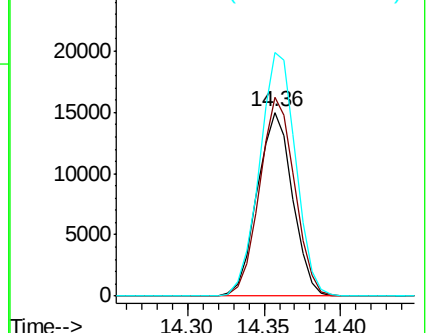
157 135.8 67.9 203.7

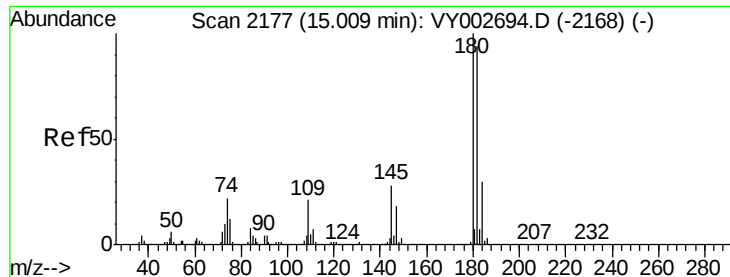


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

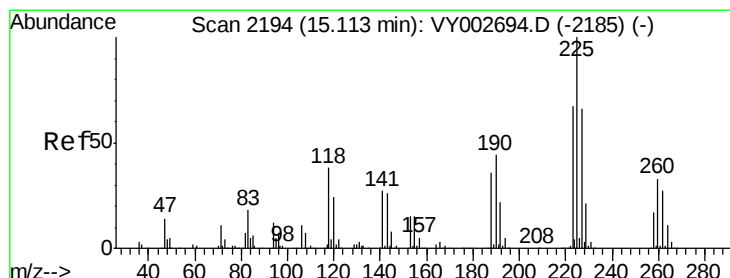
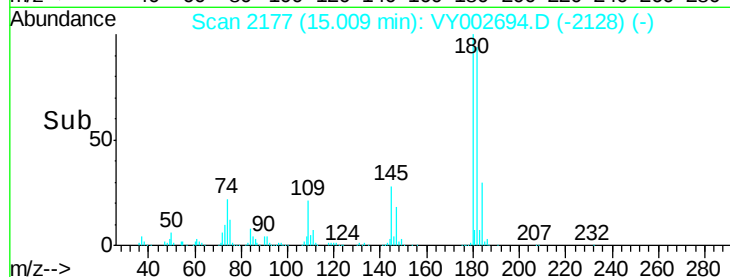
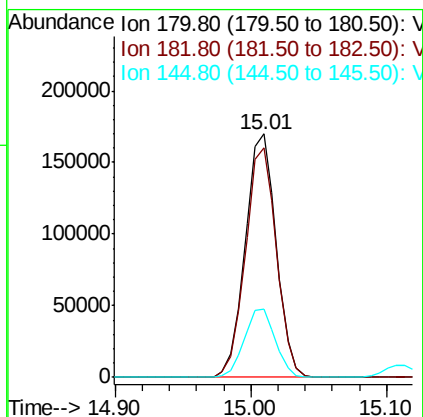
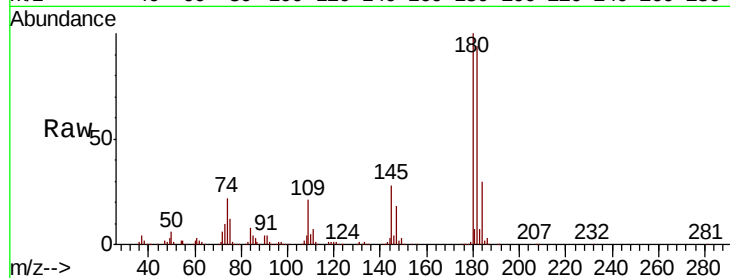




#93
 1,2,4-Trichlorobenzene
 Concen: 52.180 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

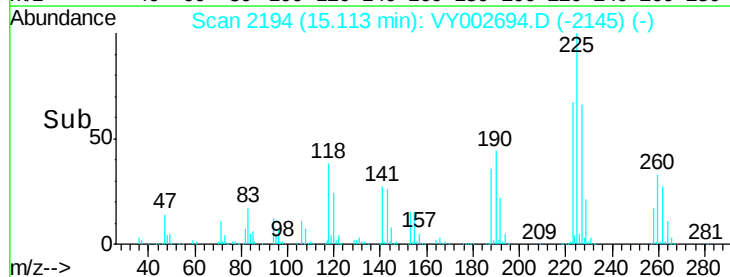
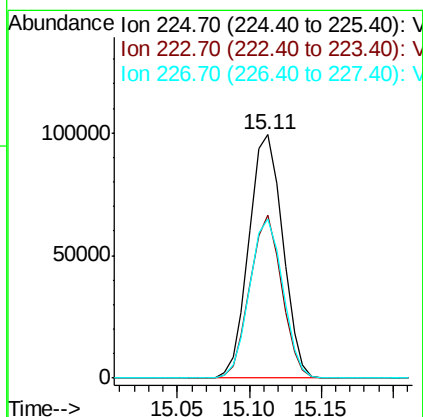
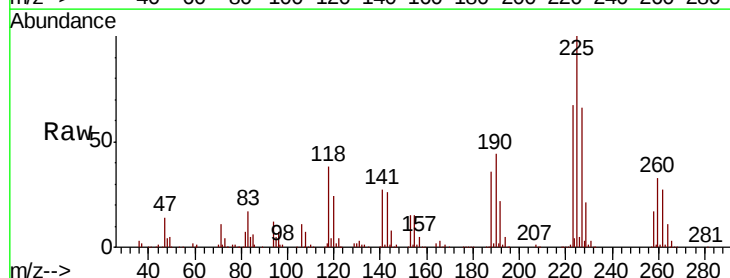
Instrument :
 MSVOA_Y
 ClientSampleId :

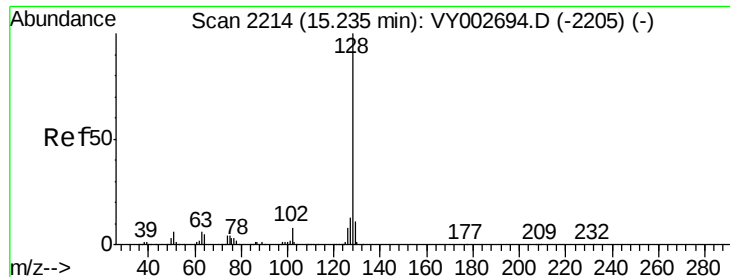
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 51.823 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002694.D
 Acq: 15 May 2020 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.4	32.2	96.6

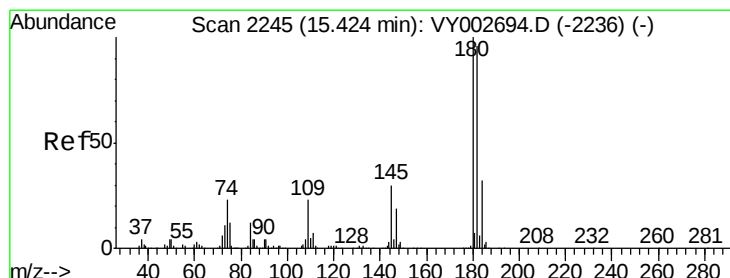
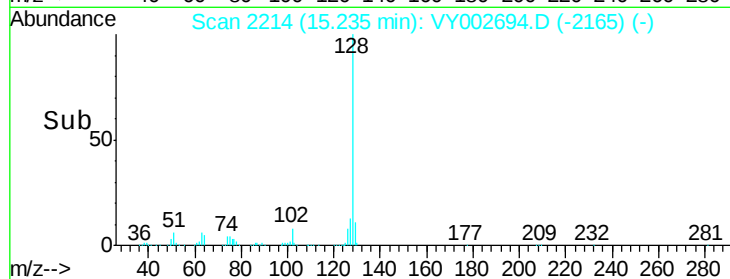
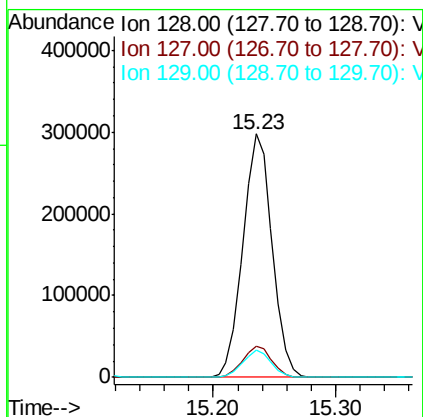
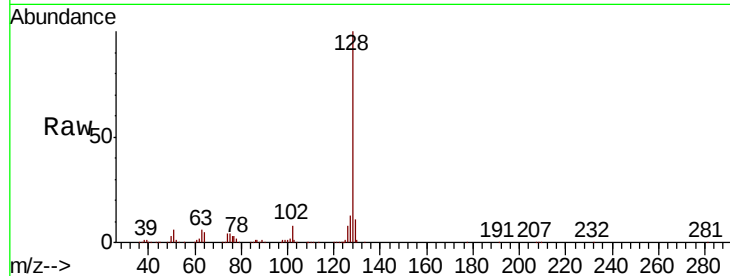




#95
Naphthalene
Concen: 52.459 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 492471
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.854 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002694.D
Acq: 15 May 2020 12:33

Tgt Ion:180 Resp: 227385
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 30.2 15.1 45.3

