

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002696.D
 Acq On : 15 May 2020 13:16
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 13:31:35 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	367540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	247931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	434697	141.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.96%	
35) Dibromofluoromethane	7.72	113	450184	144.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.10%	
50) Toluene-d8	10.18	98	1804667	147.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.42%	
62) 4-Bromofluorobenzene	12.48	95	597089	143.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	345533	130.184	ug/l	98
3) Chloromethane	2.11	50	392296	135.156	ug/l	100
4) Vinyl Chloride	2.25	62	419352	126.712	ug/l	98
5) Bromomethane	2.63	94	300617	128.311	ug/l	98
6) Chloroethane	2.79	64	272704	135.013	ug/l	100
7) Trichlorofluoromethane	3.13	101	733686	139.157	ug/l	98
8) Diethyl Ether	3.53	74	255248	142.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	444081	137.822	ug/l	99
10) Methyl Iodide	4.10	142	665079	151.232	ug/l	100
11) Tert butyl alcohol	4.97	59	185093	588.029	ug/l	100
12) 1,1-Dichloroethene	3.88	96	443582	140.726	ug/l	99
13) Acrolein	3.74	56	235213	989.443	ug/l	98
14) Allyl chloride	4.49	41	649692	142.007	ug/l	99
15) Acrylonitrile	5.18	53	566568	673.639	ug/l	100
16) Acetone	3.96	43	431304	682.989	ug/l	98
17) Carbon Disulfide	4.20	76	1389441	146.443	ug/l	99
18) Methyl Acetate	4.48	43	232407	112.497	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	1134566	138.368	ug/l	99
20) Methylene Chloride	4.72	84	467242	130.924	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	490304	141.824	ug/l	99
22) Diisopropyl ether	6.13	45	1267970	136.704	ug/l	99
23) Vinyl Acetate	6.07	43	4137087	707.599	ug/l	99
24) 1,1-Dichloroethane	6.03	63	766284	139.810	ug/l	100
25) 2-Butanone	6.99	43	690599	669.231	ug/l	98
26) 2,2-Dichloropropane	6.99	77	703213	135.310	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	538539	140.624	ug/l	99
28) Bromochloromethane	7.35	49	311273	139.111	ug/l	99
29) Tetrahydrofuran	7.35	42	459469	669.771	ug/l	99
30) Chloroform	7.52	83	792050	138.402	ug/l	100
31) Cyclohexane	7.79	56	738343	133.603	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	746635	140.880	ug/l	100
36) 1,1-Dichloropropene	7.92	75	641560	140.688	ug/l	100
37) Ethyl Acetate	7.08	43	308166	131.195	ug/l	100
38) Carbon Tetrachloride	7.91	117	706758	141.891	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002696.D
 Acq On : 15 May 2020 13:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 15 13:31:35 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)
39) Methylcyclohexane	9.19	83	873105	144.396	ug/l	99
40) Benzene	8.16	78	1875812	141.612	ug/l	99
41) Methacrylonitrile	7.35	41	424774	336.626	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	499361	136.082	ug/l	100
43) Isopropyl Acetate	8.28	43	609552	138.768	ug/l	100
44) Trichloroethene	8.94	130	589289	141.698	ug/l	98
45) 1,2-Dichloropropane	9.22	63	448105	140.861	ug/l	100
46) Dibromomethane	9.31	93	253636	138.531	ug/l	99
47) Bromodichloromethane	9.50	83	626234	140.534	ug/l	98
48) Methyl methacrylate	9.30	41	280022	141.048	ug/l	98
49) 1,4-Dioxane	9.30	88	66692	2757.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	1531011	678.634	ug/l	99
52) Toluene	10.24	92	1213514	142.549	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	672093	144.038	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	765605	141.486	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	373278	139.762	ug/l	97
56) Ethyl methacrylate	10.51	69	516437	145.106	ug/l	99
57) 1,3-Dichloropropane	10.79	76	625338	138.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1265055	671.626	ug/l	100
59) 2-Hexanone	10.83	43	1062615	684.016	ug/l	99
60) Dibromochloromethane	10.99	129	486367	142.506	ug/l	99
61) 1,2-Dibromoethane	11.09	107	368776	138.914	ug/l	100
64) Tetrachloroethene	10.72	164	630528	142.077	ug/l	100
65) Chlorobenzene	11.52	112	1333818	141.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	503500	144.101	ug/l	100
67) Ethyl Benzene	11.59	91	2359128	142.924	ug/l	99
68) m/p-Xylenes	11.70	106	1842307	287.980	ug/l	99
69) o-Xylene	12.03	106	862426	143.611	ug/l	99
70) Styrene	12.05	104	1488902	145.202	ug/l	99
71) Bromoform	12.20	173	311922	143.917	ug/l #	100
73) Isopropylbenzene	12.33	105	2320998	145.245	ug/l	99
74) N-amyl acetate	12.14	43	552321	144.494	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	348774	139.130	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	544228	253.193	ug/l #	100
77) Bromobenzene	12.61	156	581715	145.725	ug/l	99
78) n-propylbenzene	12.67	91	2671239	144.052	ug/l	100
79) 2-Chlorotoluene	12.75	91	1488500	144.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1931596	145.701	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	156663	144.325	ug/l #	80
82) 4-Chlorotoluene	12.85	91	1543407	143.188	ug/l	99
83) tert-Butylbenzene	13.08	119	1708334	146.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1920864	145.239	ug/l	100
85) sec-Butylbenzene	13.25	105	2314667	143.503	ug/l	99
86) p-Isopropyltoluene	13.37	119	2167396	143.395	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1078897	142.484	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1067800	142.531	ug/l	99
89) n-Butylbenzene	13.70	91	1948435	141.414	ug/l	99
90) Hexachloroethane	13.96	117	407727	147.564	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	958644	141.934	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	63954	136.035	ug/l	98

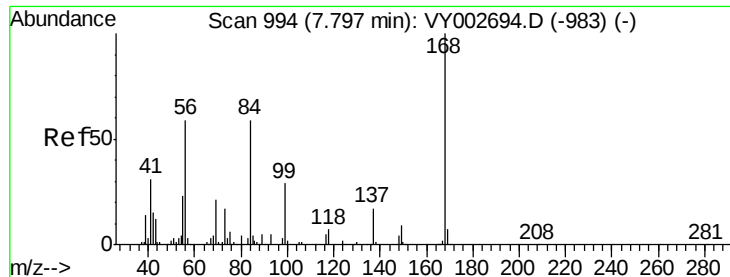
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
Data File : VY002696.D
Acq On : 15 May 2020 13:16
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 15 13:31:35 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.01	180	707256	143.558	ug/l	100
94) Hexachlorobutadiene	15.11	225	419272	141.530	ug/l	100
95) Naphthalene	15.23	128	1300674	145.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	602493	144.255	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

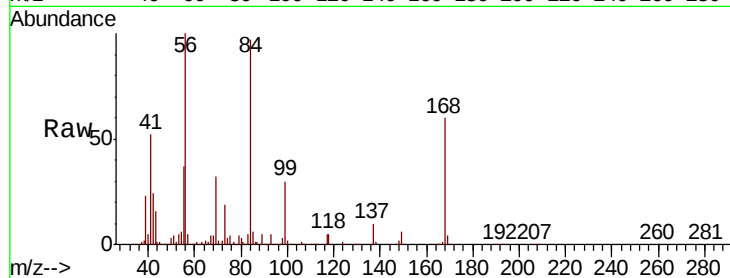
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 367540

Ion Ratio Lower Upper

168 100

99 50.3 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) (-)

200000

150000

100000

50000

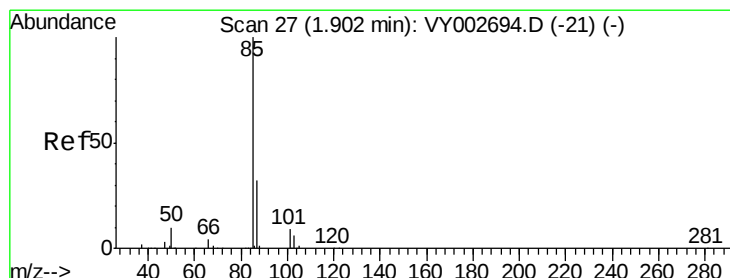
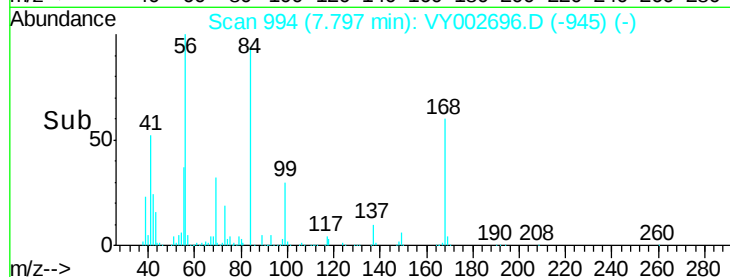
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 130.184 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002696.D

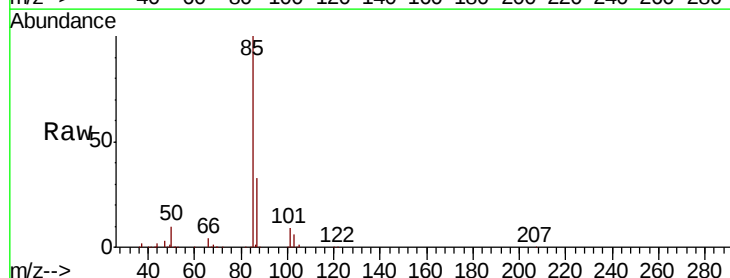
Acq: 15 May 2020 13:16

Tgt Ion: 85 Resp: 345533

Ion Ratio Lower Upper

85 100

87 32.5 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) (-)

250000

200000

150000

100000

50000

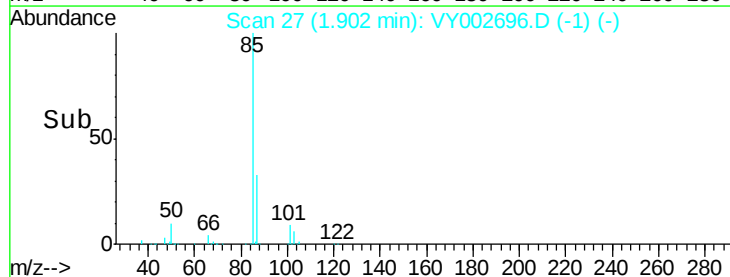
0

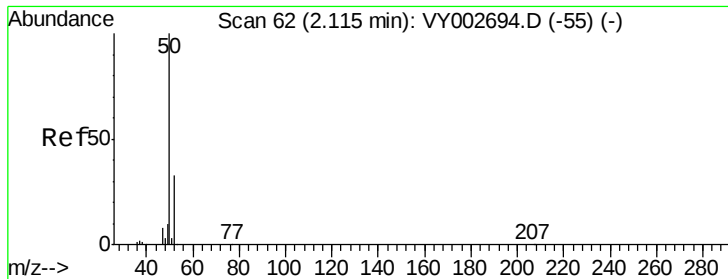
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 135.156 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

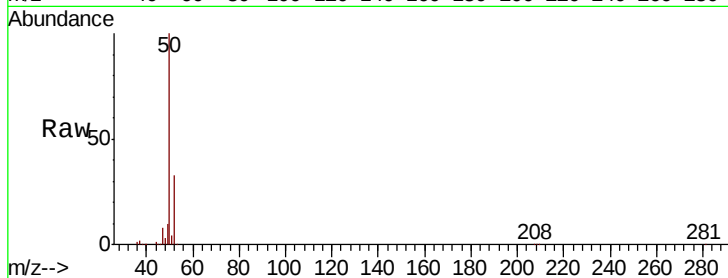
ClientSampled :

Tot Ion: 50 Resp: 392296

Ion Ratio Lower Upper

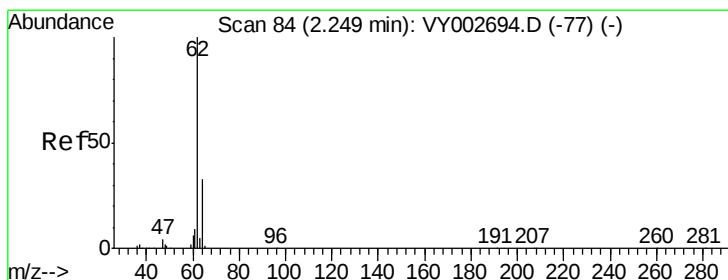
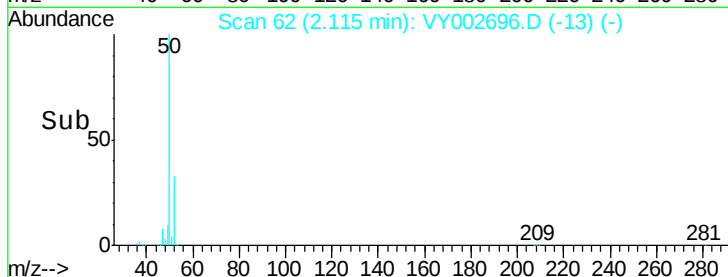
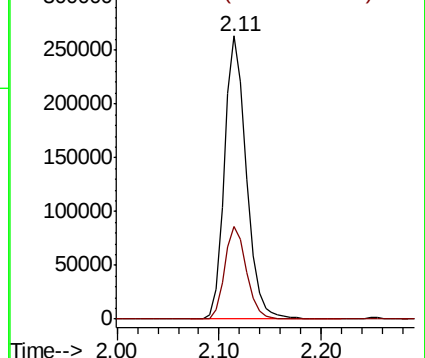
50 100

52 32.7 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: 126.712 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY002696.D

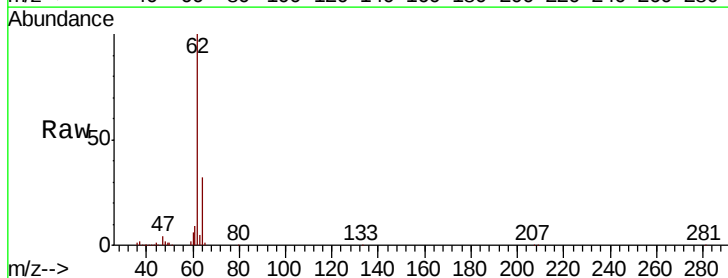
Acq: 15 May 2020 13:16

Tgt Ion: 62 Resp: 419352

Ion Ratio Lower Upper

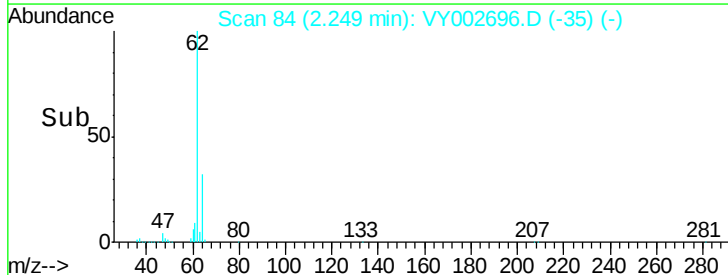
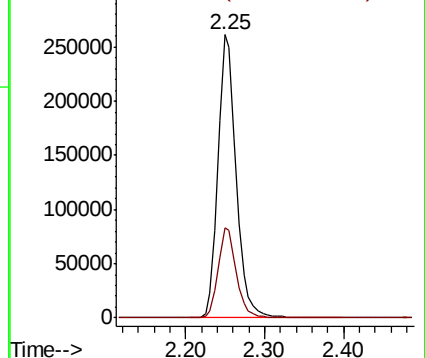
62 100

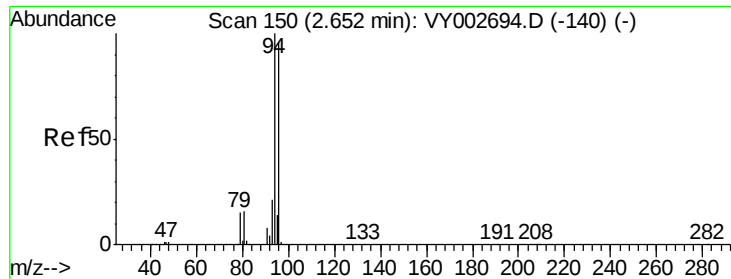
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 128.311 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

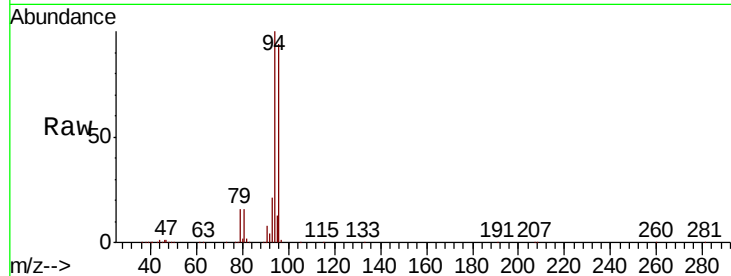
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 300617

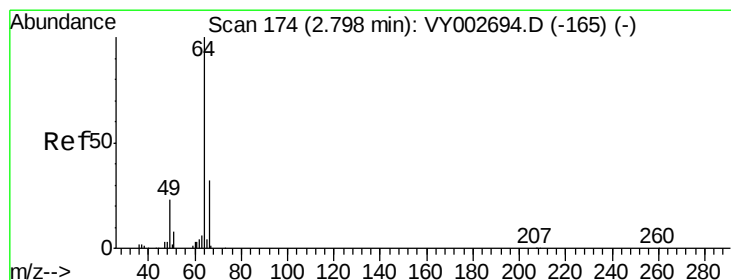
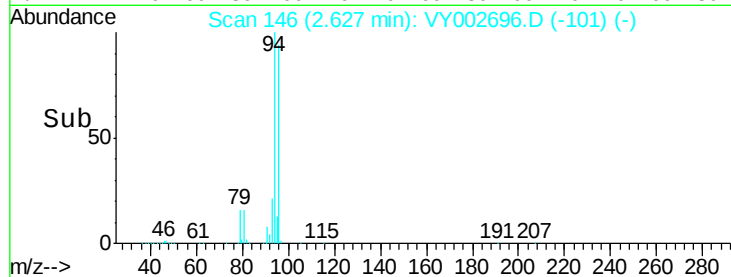
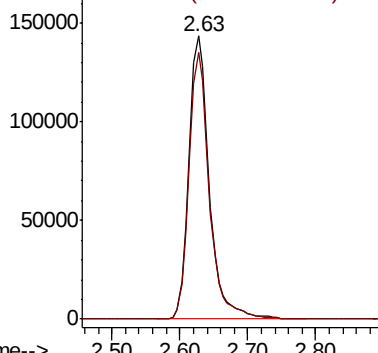
Ion Ratio Lower Upper

94 100

96 94.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 135.013 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002696.D

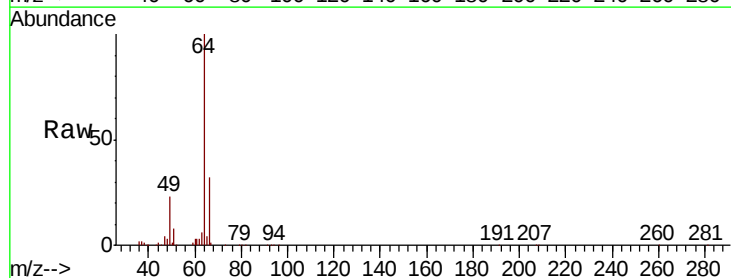
Acq: 15 May 2020 13:16

Tgt Ion: 64 Resp: 272704

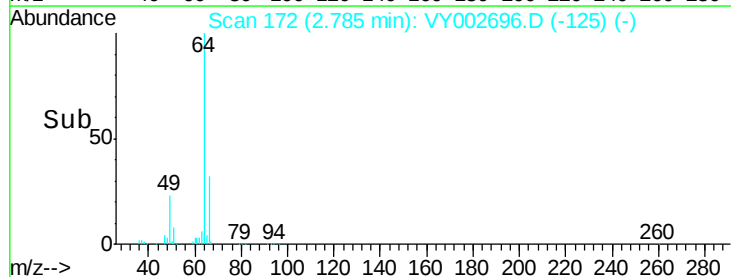
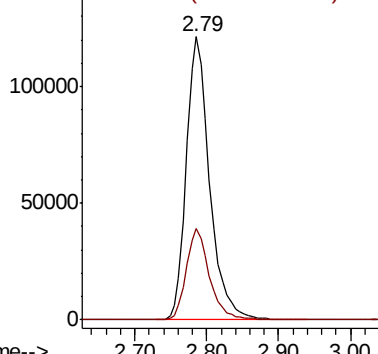
Ion Ratio Lower Upper

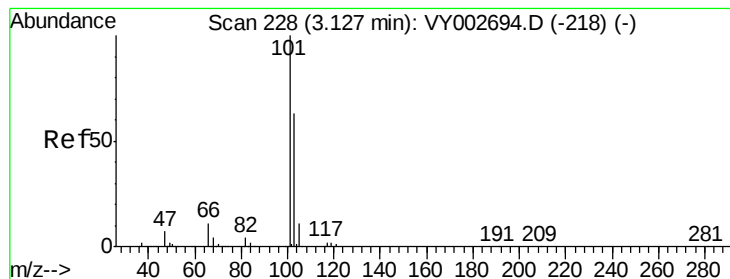
64 100

66 32.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



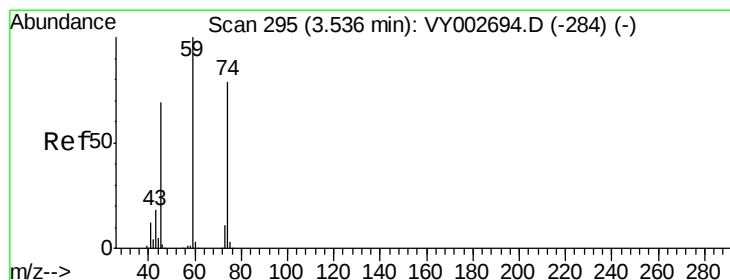
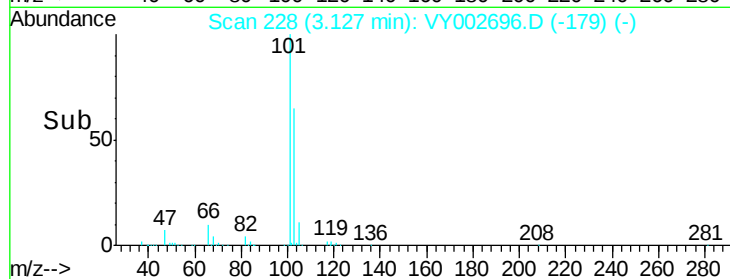
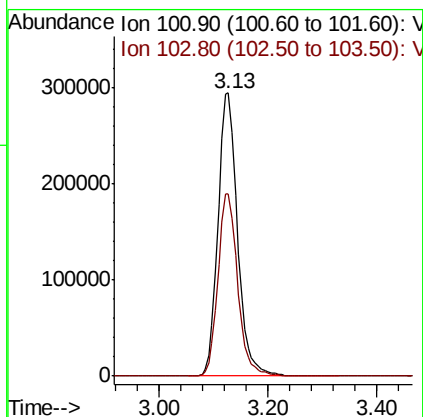
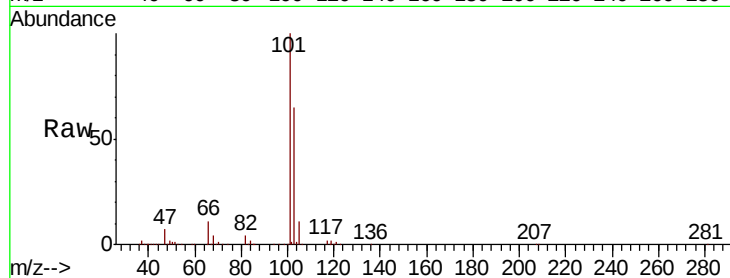


#7

Trichlorofluoromethane
Concen: 139.157 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :

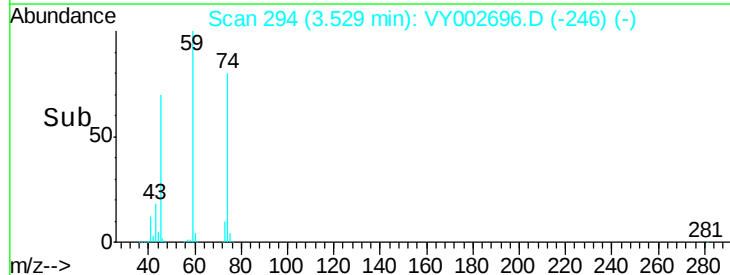
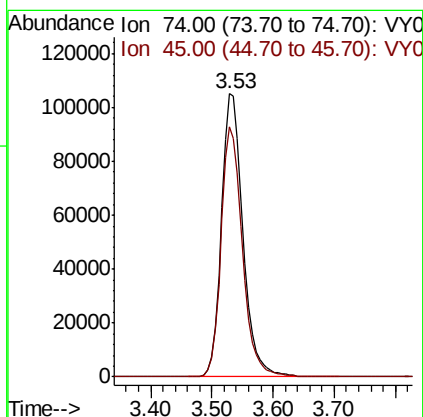
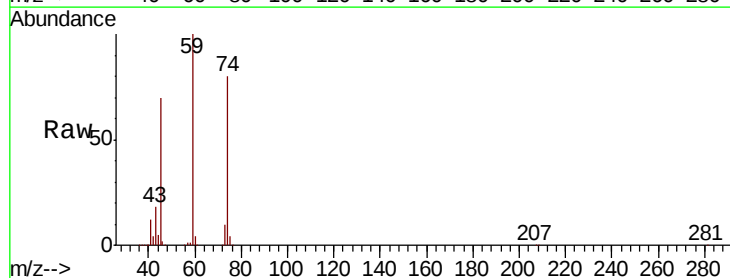
Tot Ion:101 Resp: 733686
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

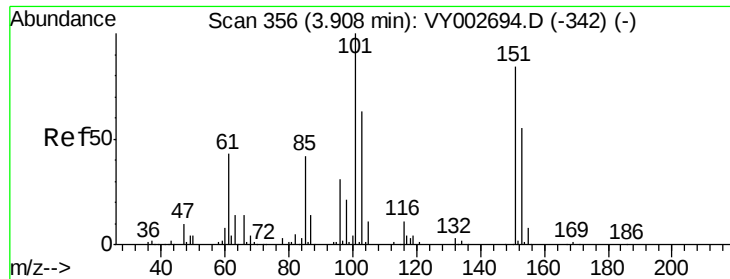


#8

Diethyl Ether
Concen: 142.604 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 74 Resp: 255248
Ion Ratio Lower Upper
74 100
45 88.0 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.822 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

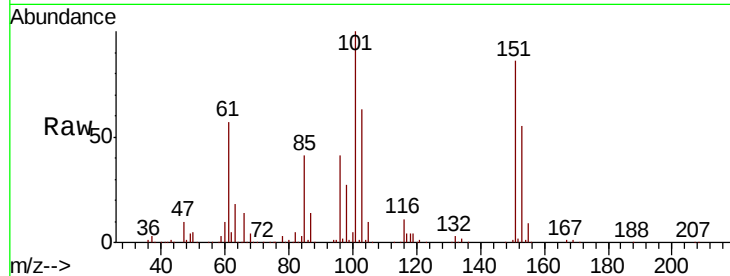
Tot Ion:101 Resp: 444081

Ion Ratio Lower Upper

101 100

85 41.8 33.5 50.3

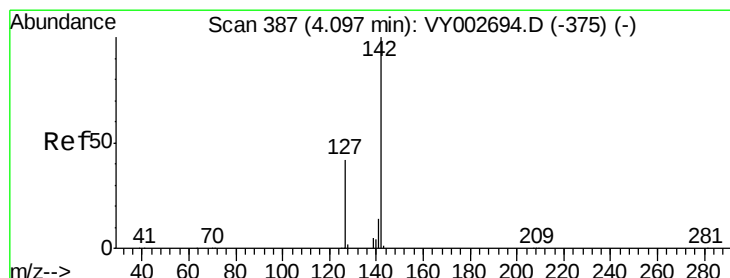
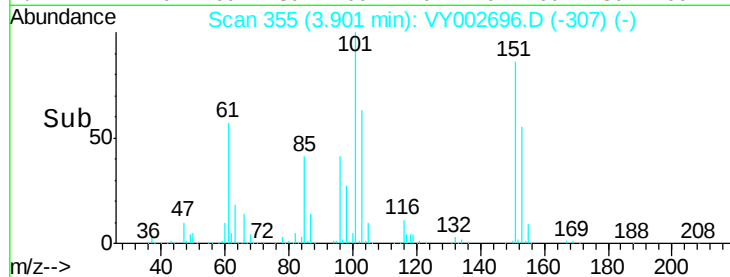
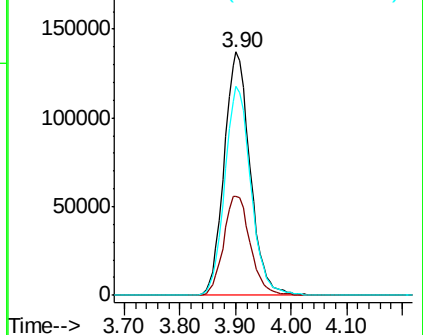
151 86.1 69.6 104.4



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: 151.232 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

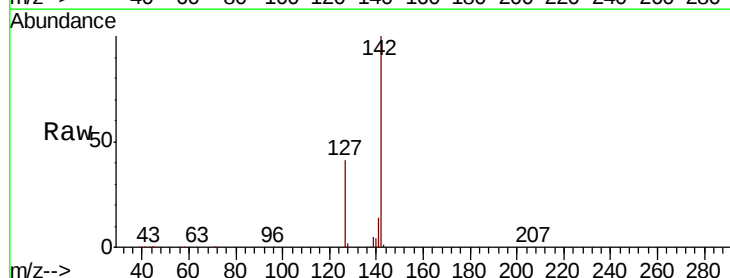
Tgt Ion:142 Resp: 665079

Ion Ratio Lower Upper

142 100

127 40.8 32.8 49.2

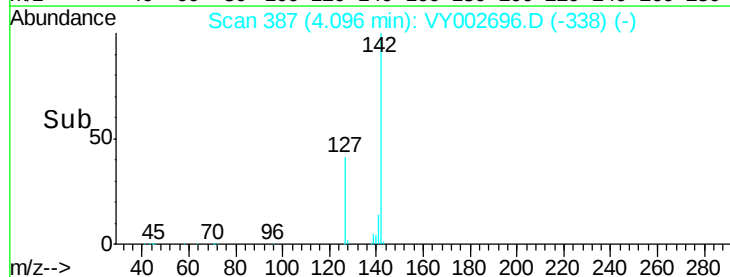
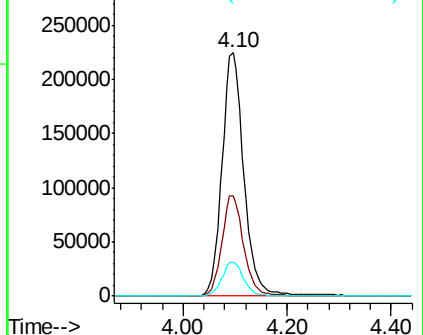
141 14.1 11.3 16.9

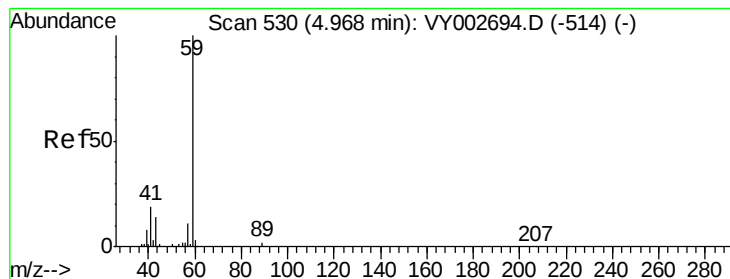


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



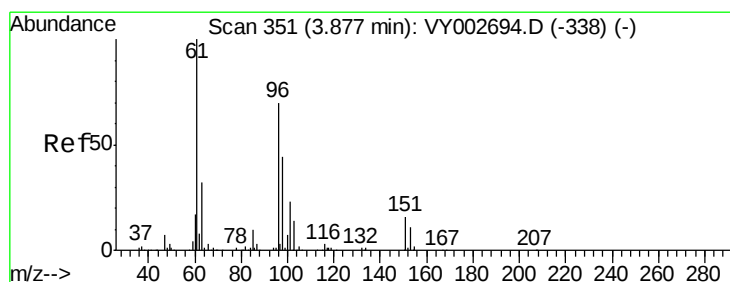
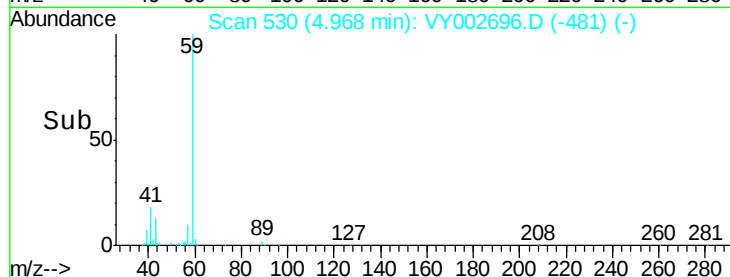
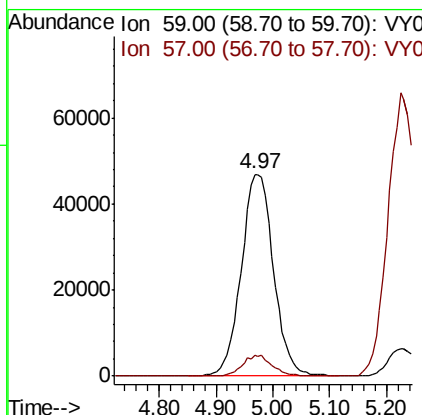
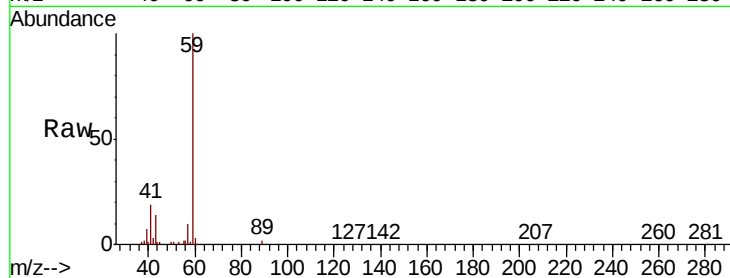


#11

Tert butyl alcohol
 Concen: 588.029 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :

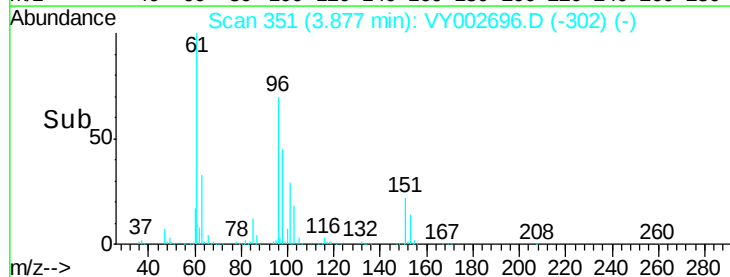
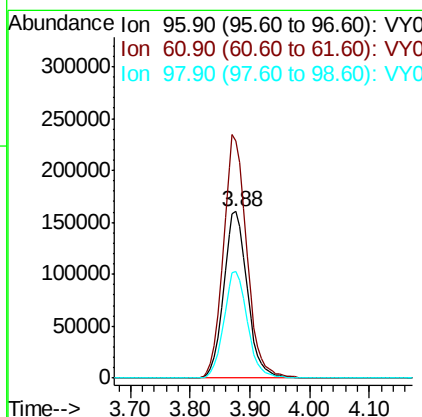
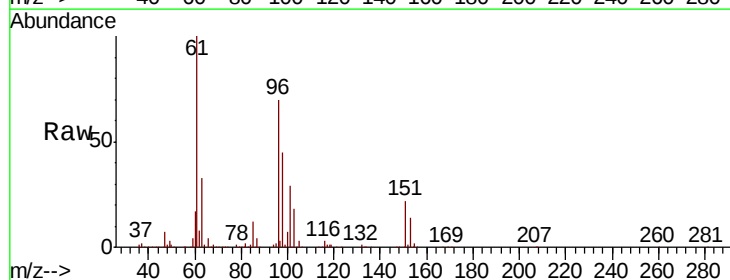
Tot Ion: 59 Resp: 185093
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

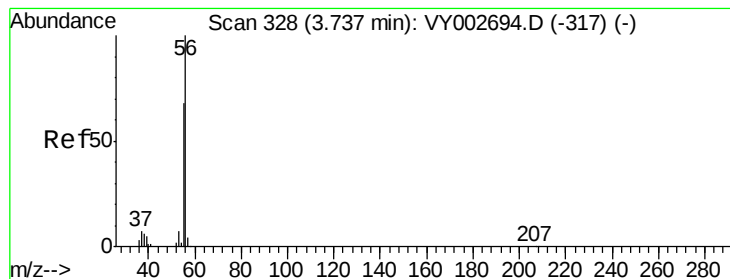


#12

1,1-Dichloroethene
 Concen: 140.726 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion: 96 Resp: 443582
 Ion Ratio Lower Upper
 96 100
 61 142.8 113.8 170.8
 98 64.4 50.4 75.6





#13

Acrolein

Concen: 989.443 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

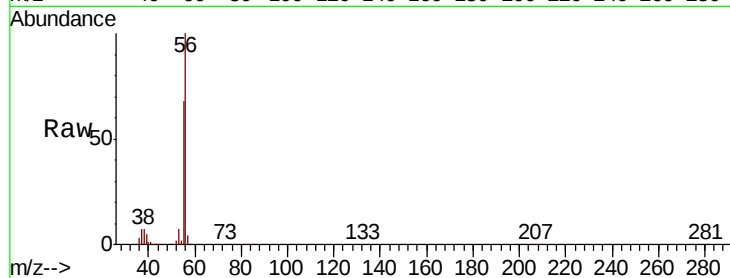
ClientSampleId :

Tot Ion: 56 Resp: 235213

Ion Ratio Lower Upper

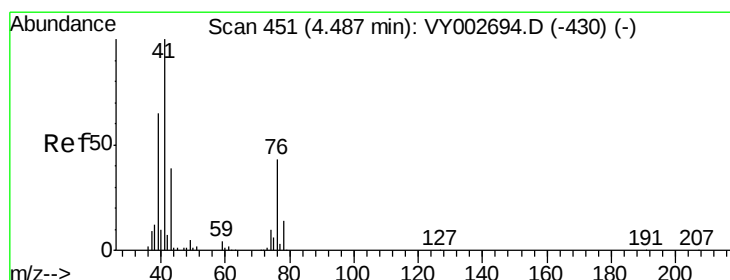
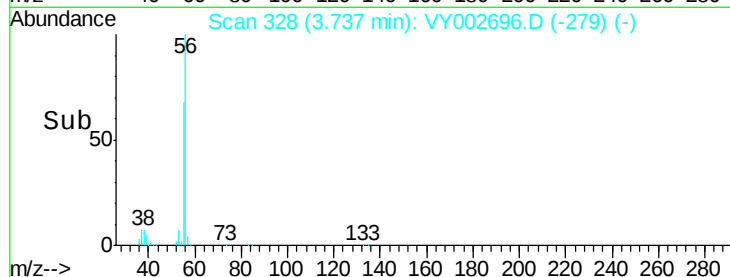
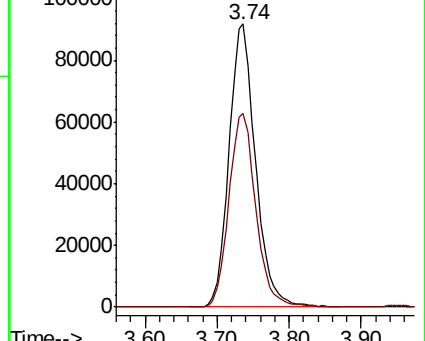
56 100

55 69.7 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 142.007 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

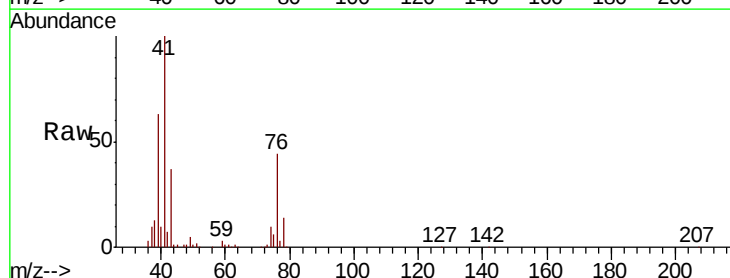
Tgt Ion: 41 Resp: 649692

Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

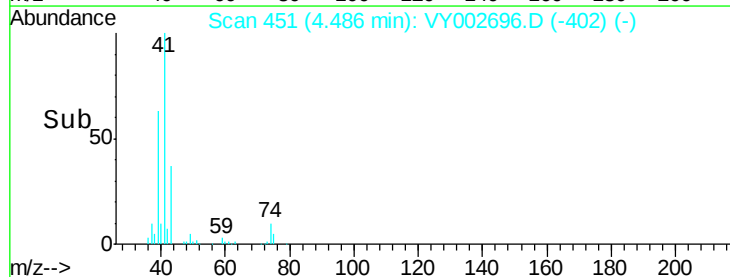
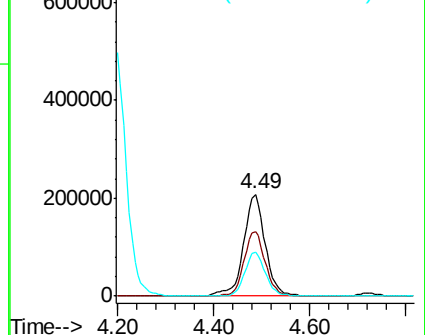
76 41.2 33.2 49.8

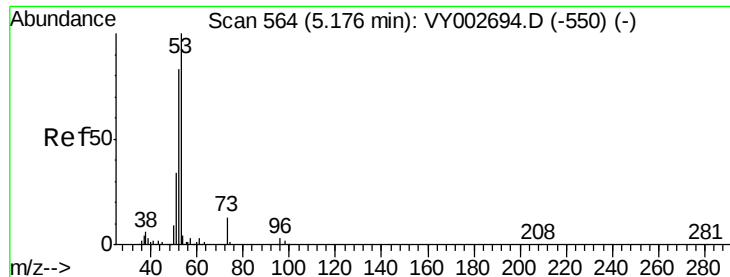


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 673.639 ug/l

RT: 5.18 min Scan# 564

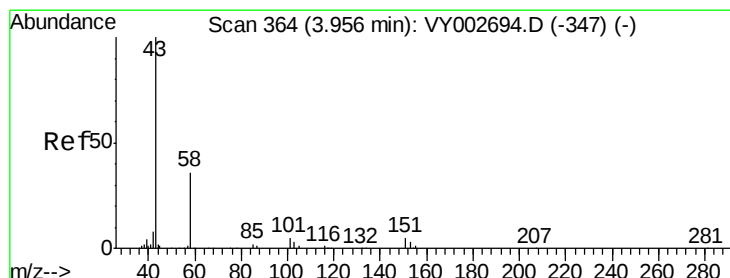
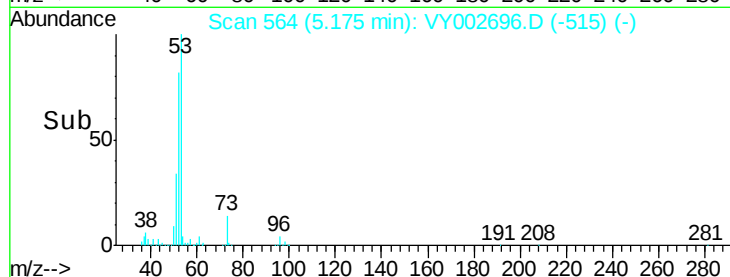
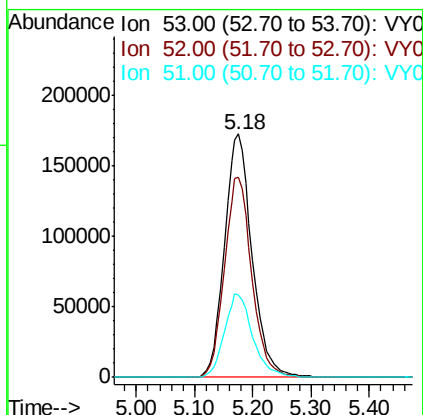
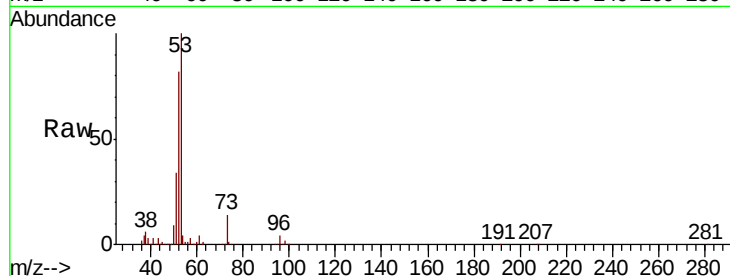
Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	566568
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	35.3	27.9	41.9



#16

Acetone

Concen: 682.989 ug/l

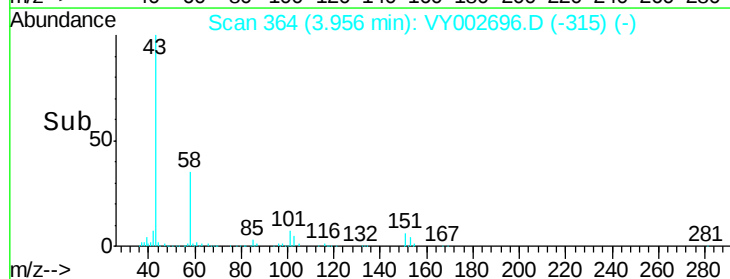
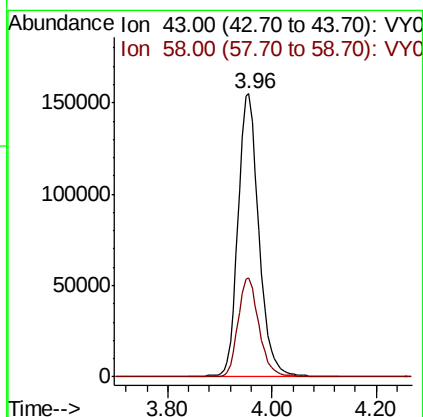
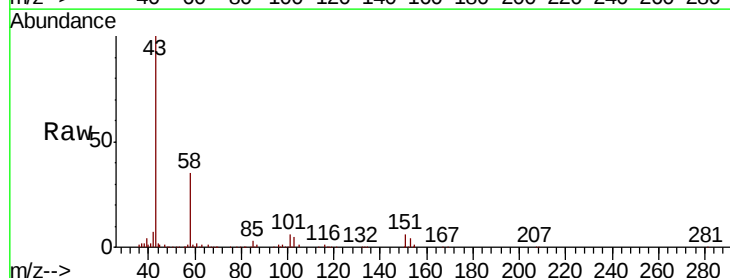
RT: 3.96 min Scan# 364

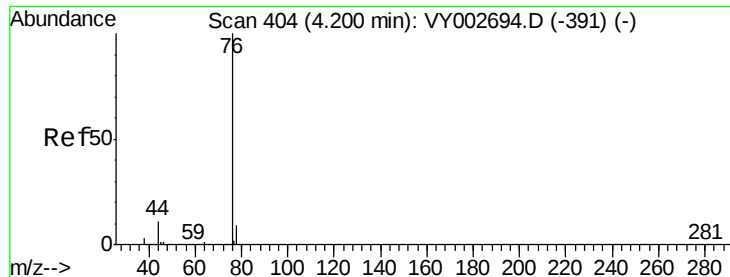
Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Tgt Ion:	43	Resp:	431304
Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.6	43.0





#17

Carbon Disulfide

Concen: 146.443 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

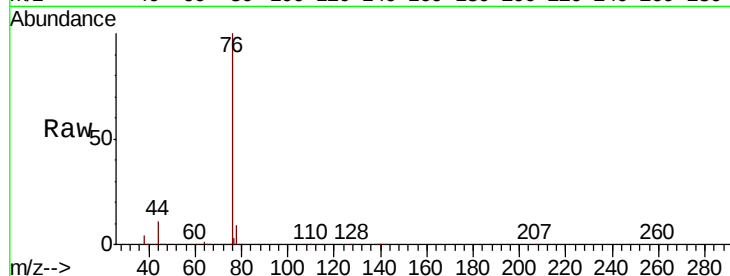
ClientSampled :

Tot Ion: 76 Resp: 1389441

Ion Ratio Lower Upper

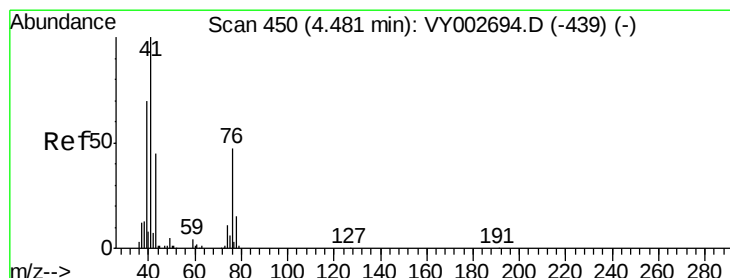
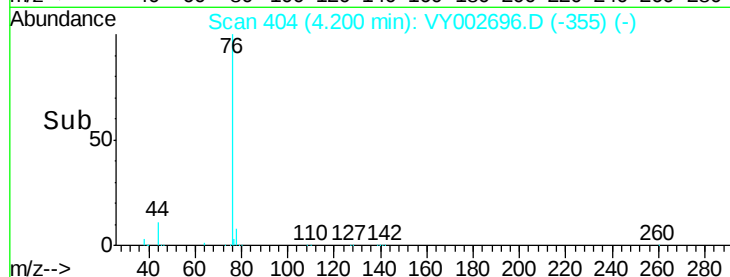
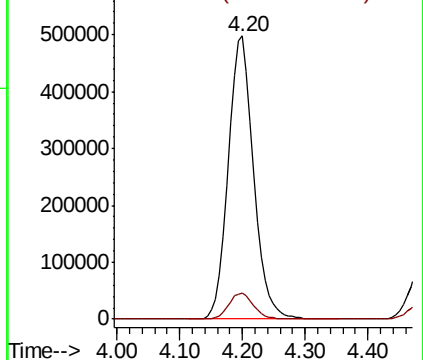
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 112.497 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY002696.D

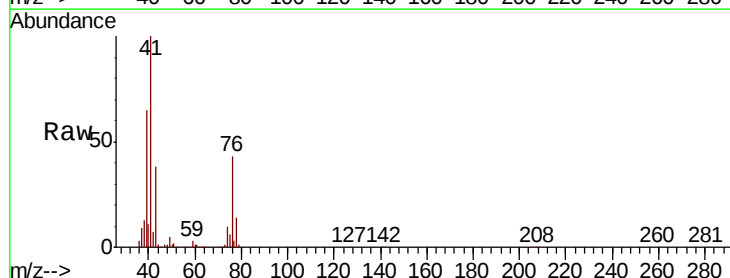
Acq: 15 May 2020 13:16

Tgt Ion: 43 Resp: 232407

Ion Ratio Lower Upper

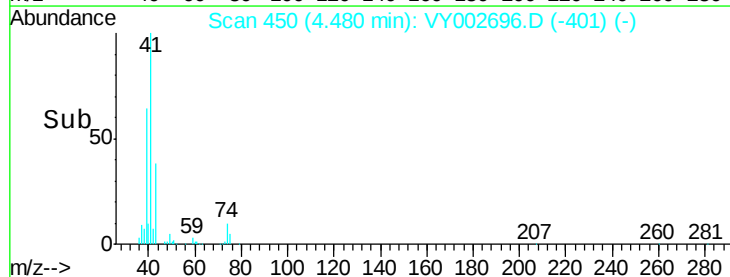
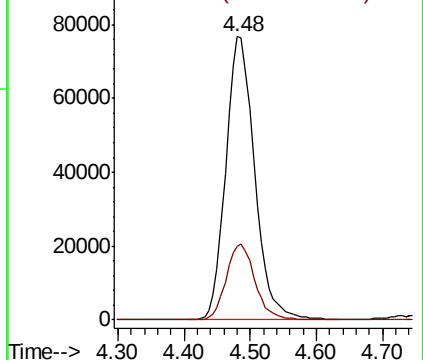
43 100

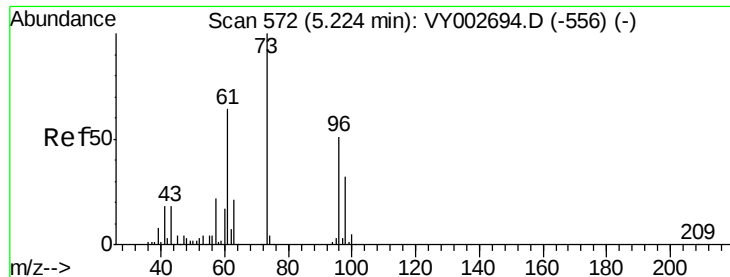
74 26.6 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

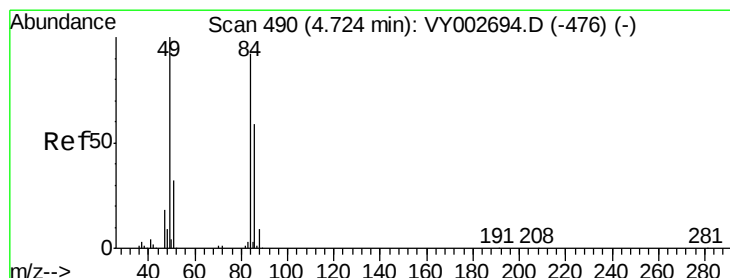
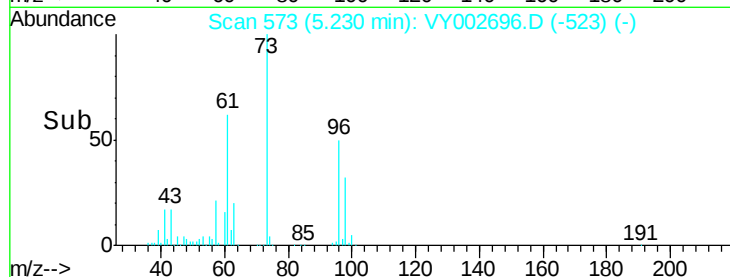
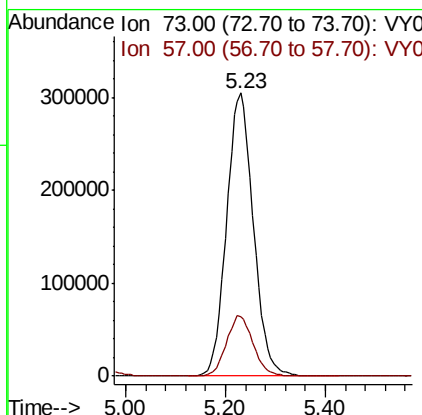
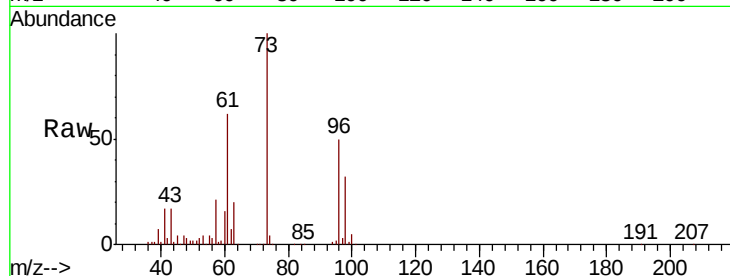




#19
Methvl tert-butvl Ether
Concen: 138.368 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

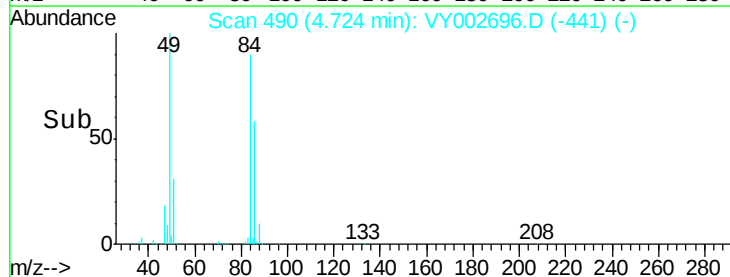
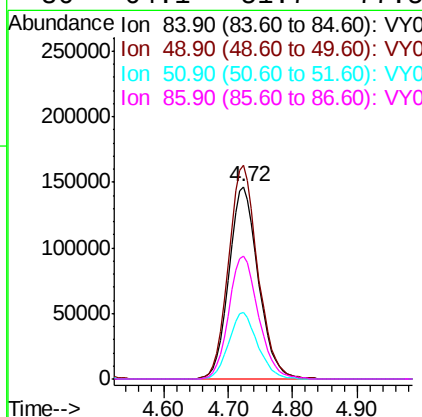
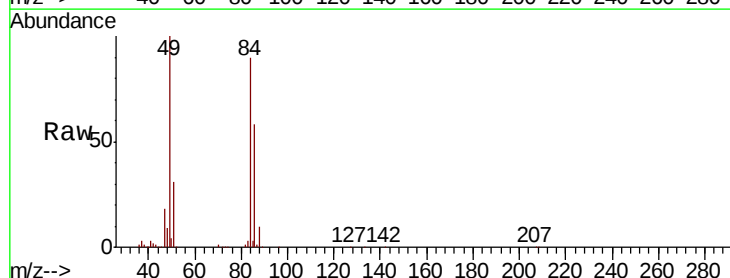
Instrument :
MSVOA_Y
ClientSampled :

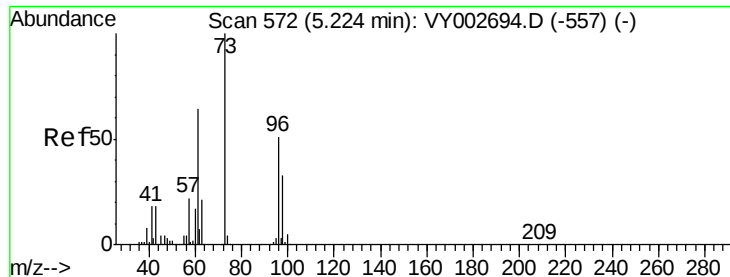
Tot Ion: 73 Resp: 1134566
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 130.924 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 84 Resp: 467242
Ion Ratio Lower Upper
84 100
49 110.9 87.4 131.0
51 34.8 27.9 41.9
86 64.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 141.824 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

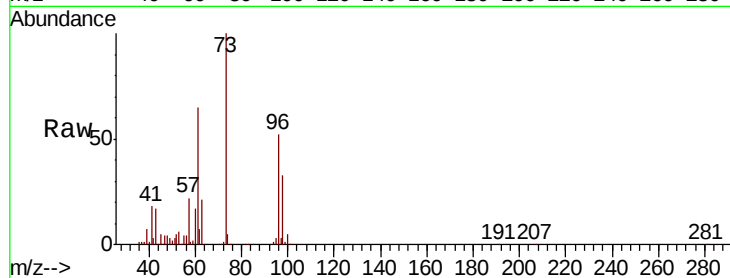
Tot Ion: 96 Resp: 490304

Ion Ratio Lower Upper

96 100

61 125.1 99.6 149.4

98 63.7 50.6 76.0

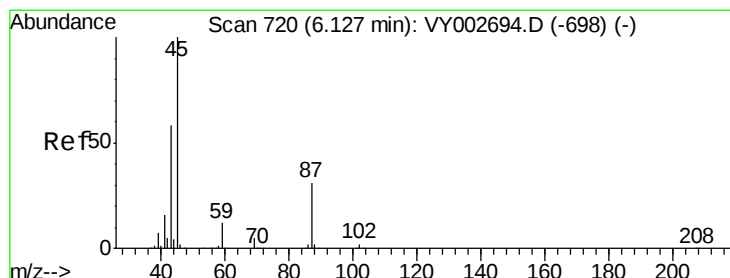
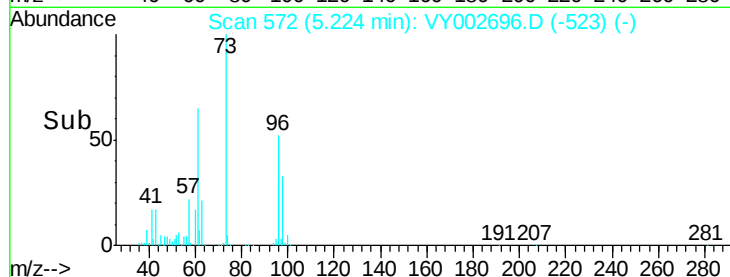
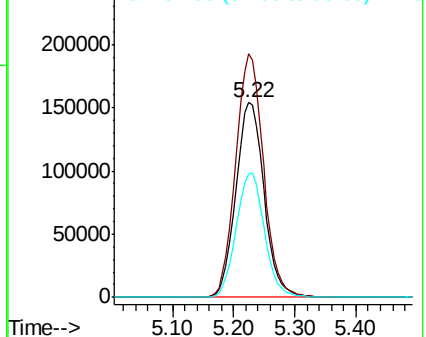


Abundance

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: 136.704 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Tgt Ion: 45 Resp: 1267970

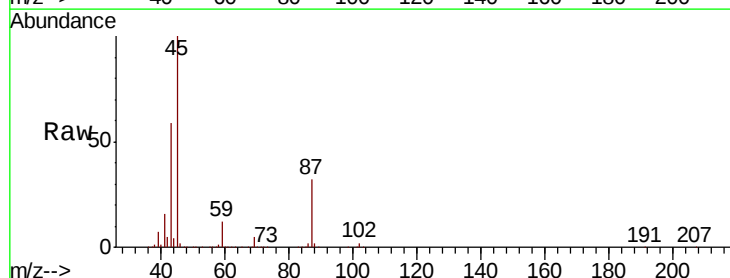
Ion Ratio Lower Upper

45 100

43 58.5 46.1 69.1

87 31.8 24.9 37.3

59 11.8 9.8 14.8



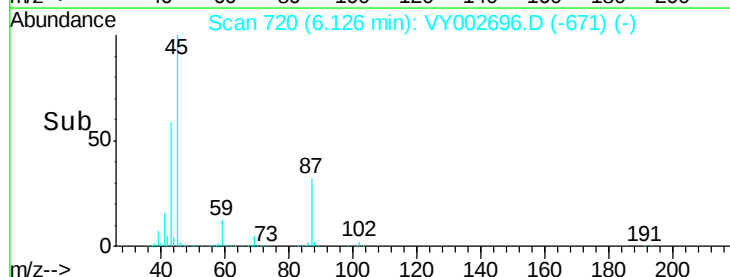
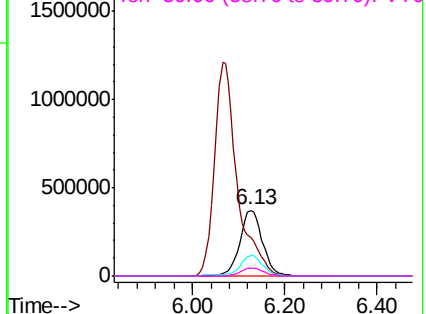
Abundance

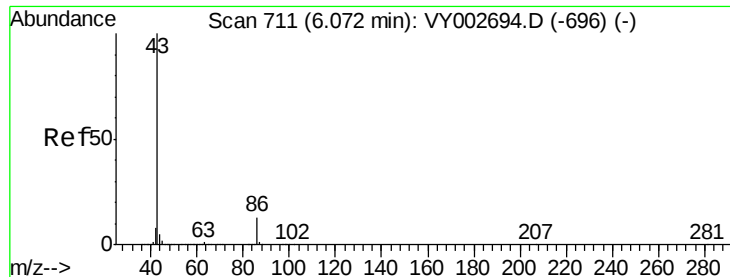
Ion 45.00 (44.70 to 45.70): VY0

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: 707.599 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

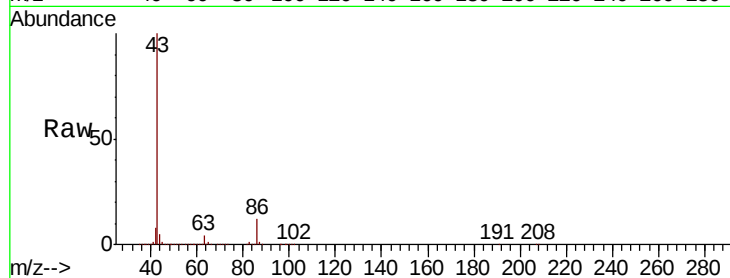
ClientSampled :

Tot Ion: 43 Resp: 4137087

Ion Ratio Lower Upper

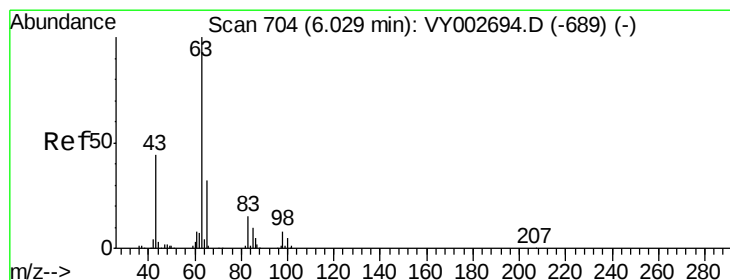
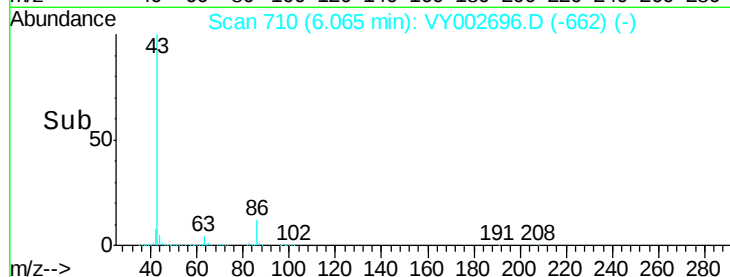
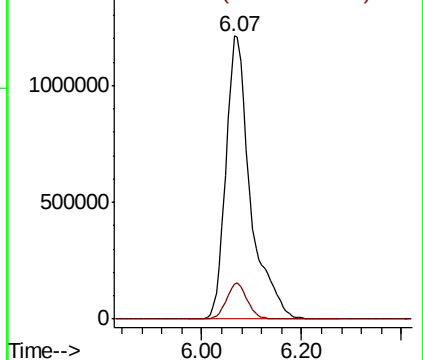
43 100

86 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 139.810 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

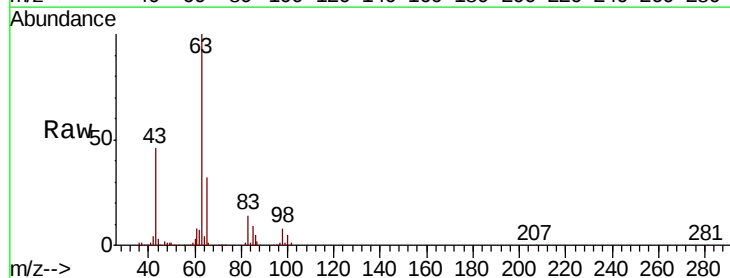
Tgt Ion: 63 Resp: 766284

Ion Ratio Lower Upper

63 100

98 7.7 4.0 11.9

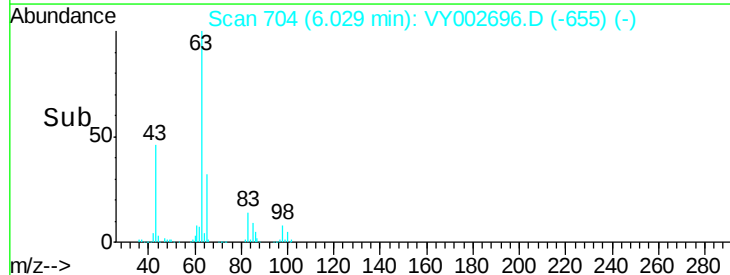
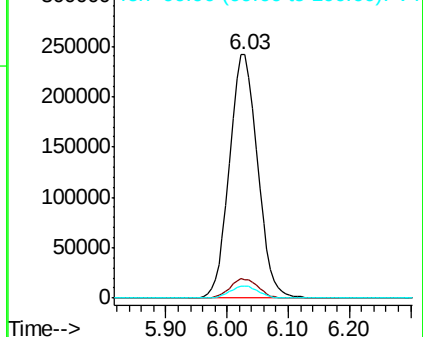
100 5.0 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

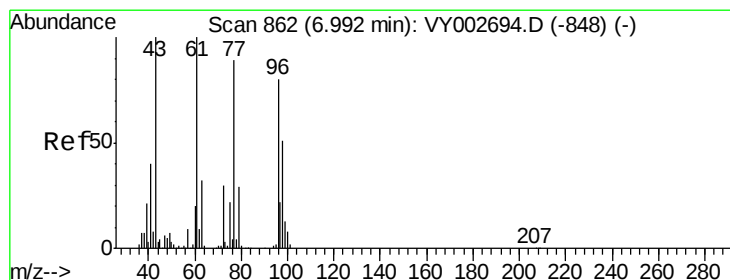
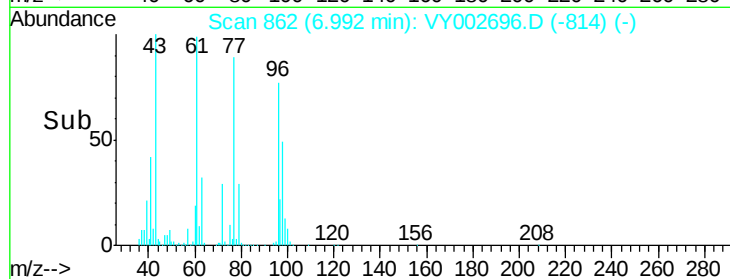
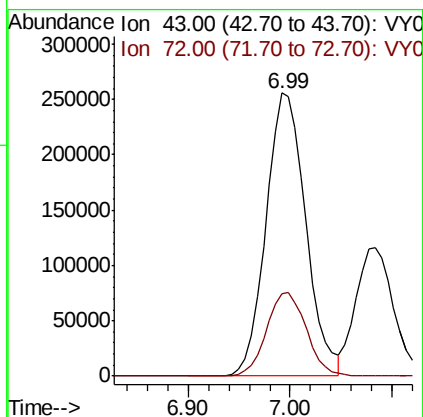
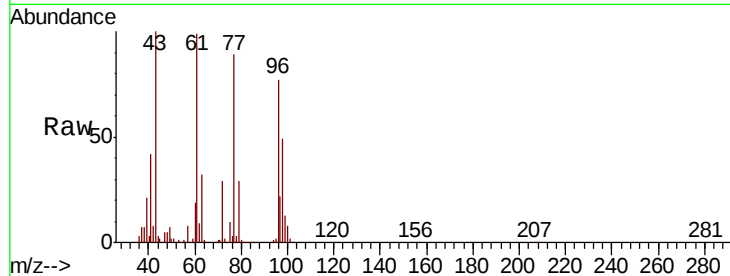




#25
2-Butanone
Concen: 669.231 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

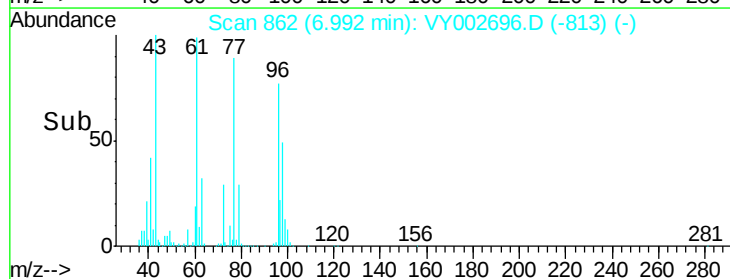
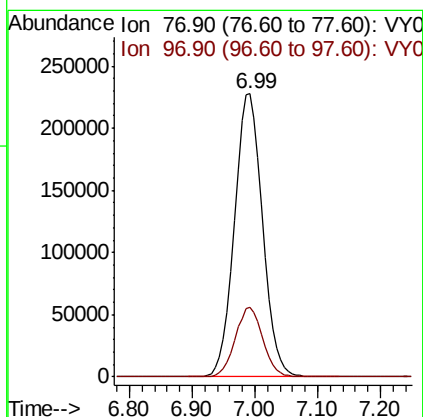
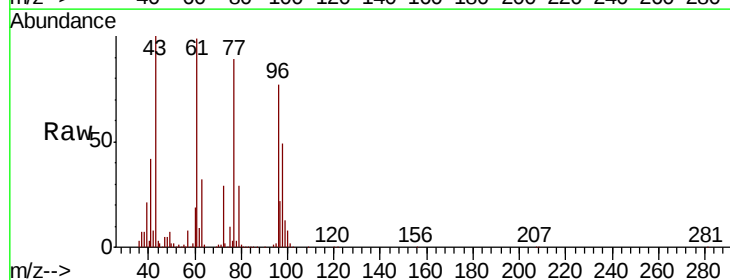
Instrument :
MSVOA_Y
ClientSampled :

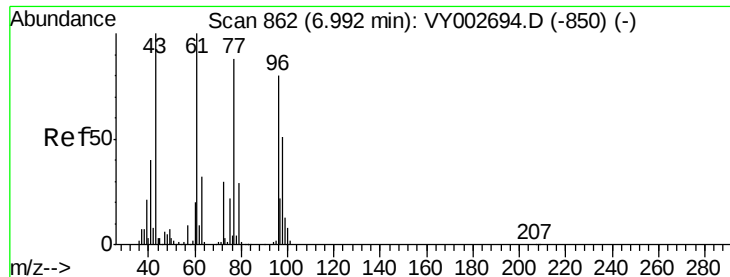
Tot Ion: 43 Resp: 690599
Ion Ratio Lower Upper
43 100
72 29.0 24.1 36.1



#26
2,2-Dichloropropane
Concen: 135.310 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 77 Resp: 703213
Ion Ratio Lower Upper
77 100
97 24.2 12.3 36.9



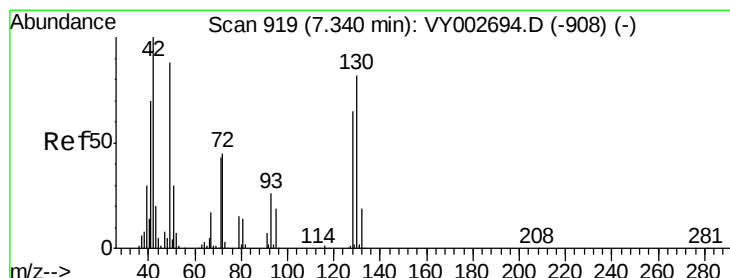
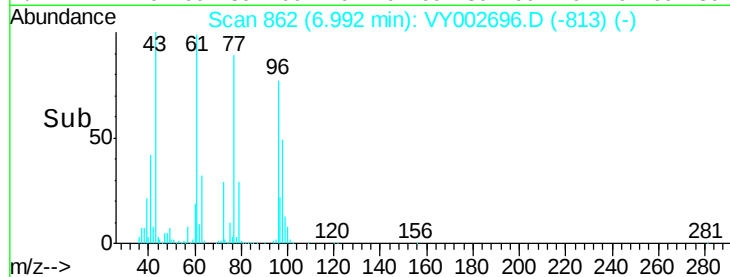
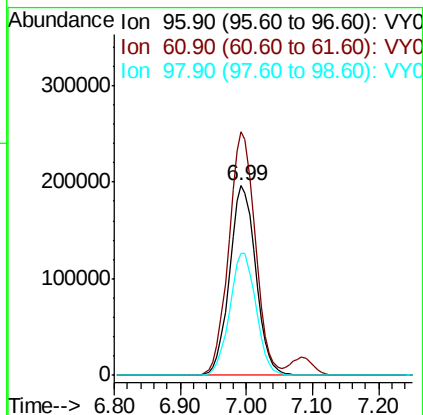
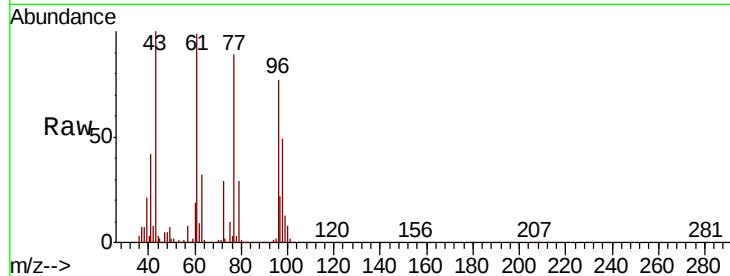


#27

cis-1,2-Dichloroethene
Concen: 140.624 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :

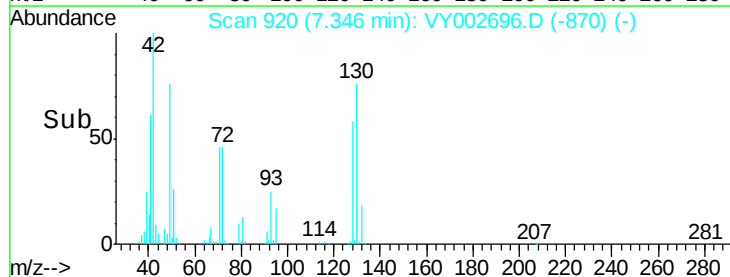
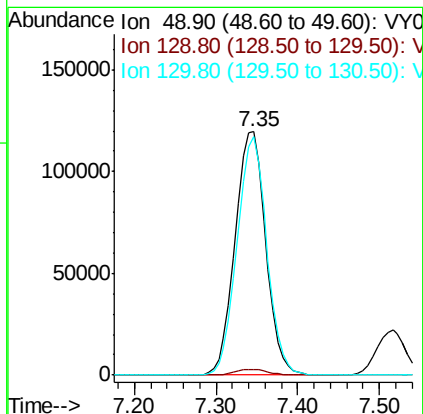
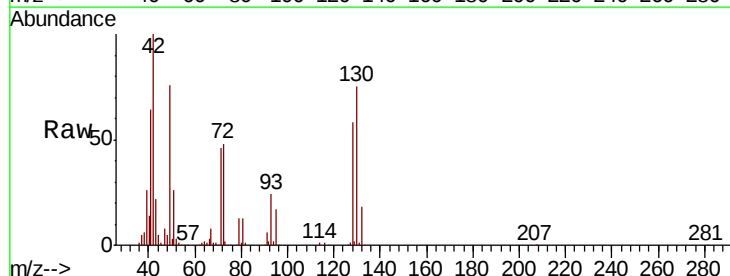
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	258.0
98	64.8	0.0	128.4

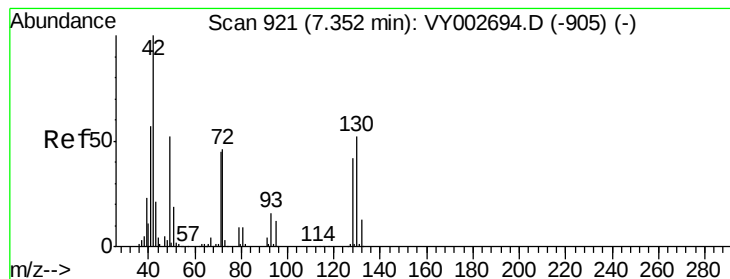


#28

Bromochloromethane
Concen: 139.111 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	94.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 669.771 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :

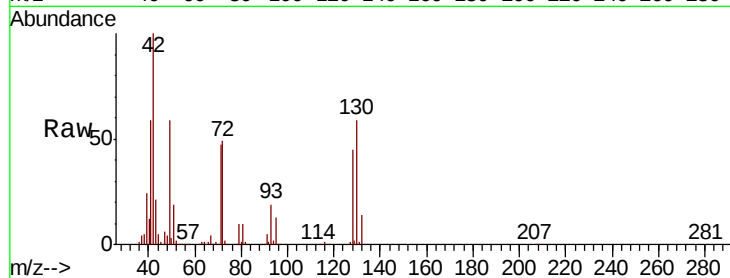
Tot Ion: 42 Resp: 459469

Ion Ratio Lower Upper

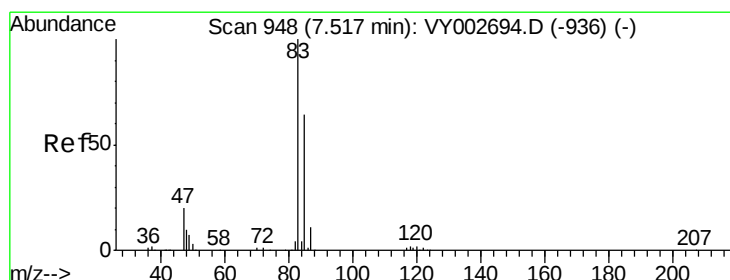
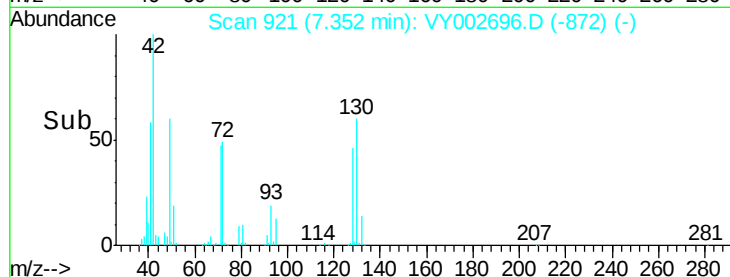
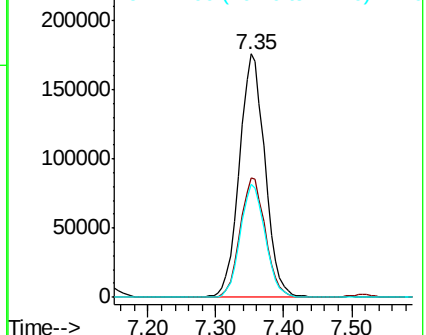
42 100

72 48.5 38.2 57.2

71 45.2 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: 138.402 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002696.D

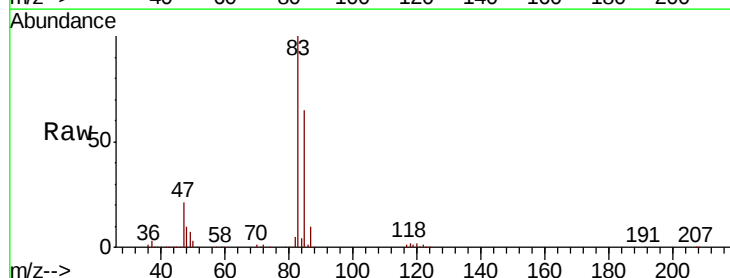
Acq: 15 May 2020 13:16

Tgt Ion: 83 Resp: 792050

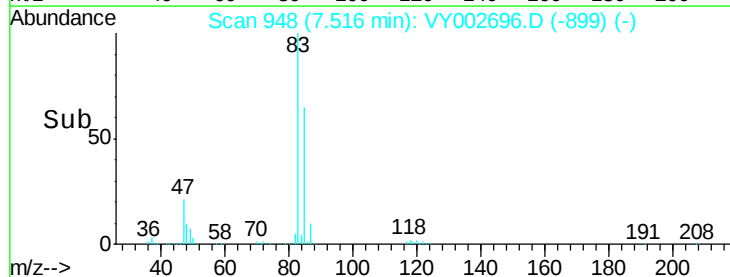
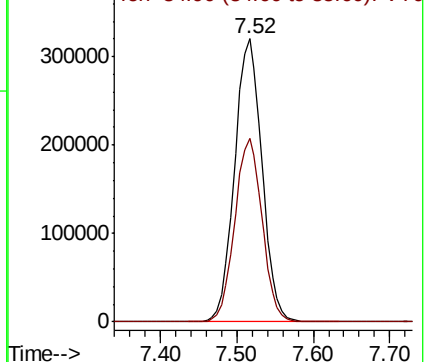
Ion Ratio Lower Upper

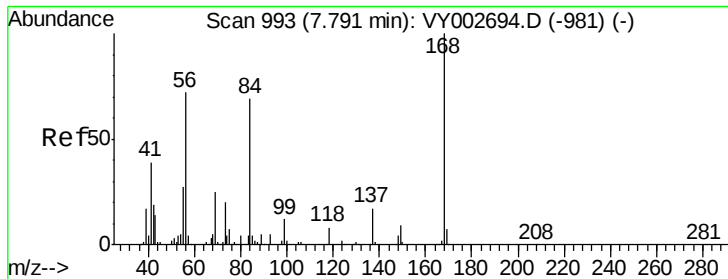
83 100

85 64.8 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: 133.603 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

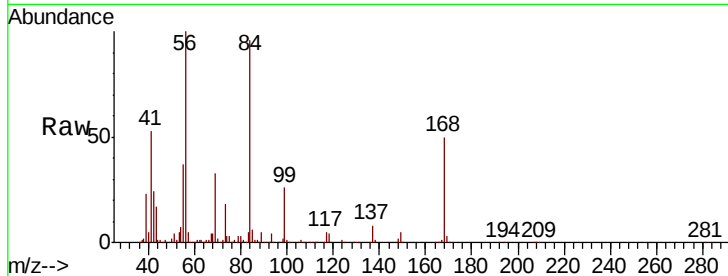
Tot Ion: 56 Resp: 738343

Ion Ratio Lower Upper

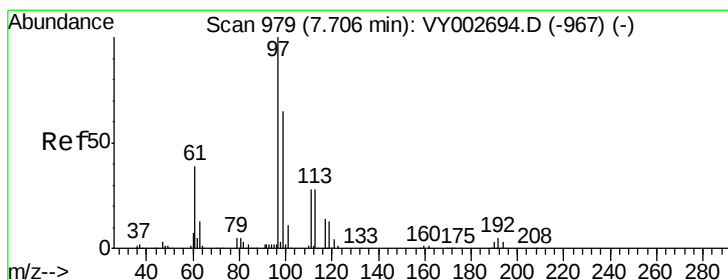
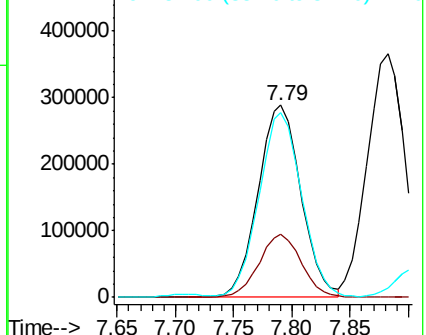
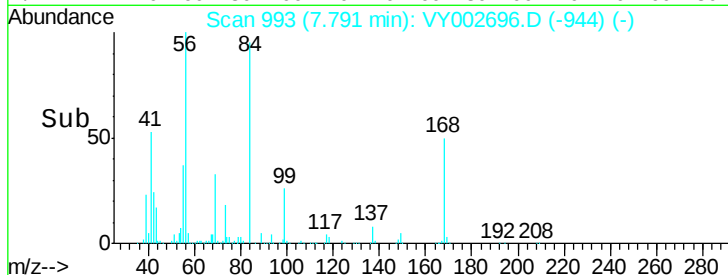
56 100

69 32.8 27.7 41.5

84 94.7 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: 140.880 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

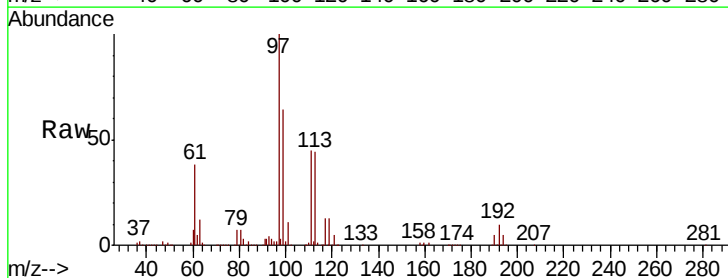
Tgt Ion: 97 Resp: 746635

Ion Ratio Lower Upper

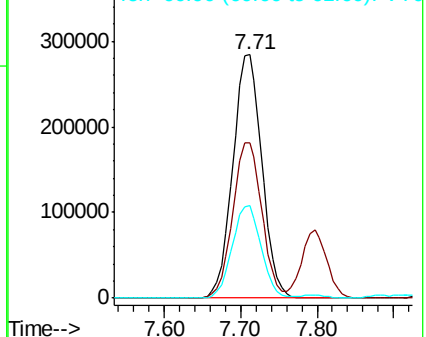
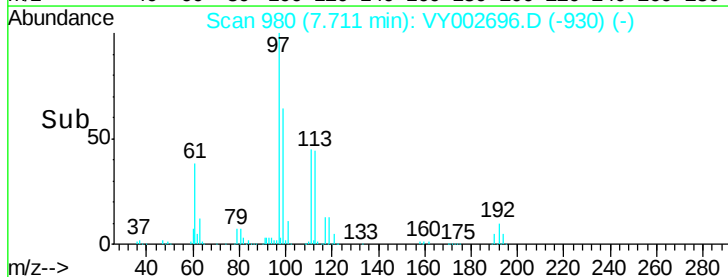
97 100

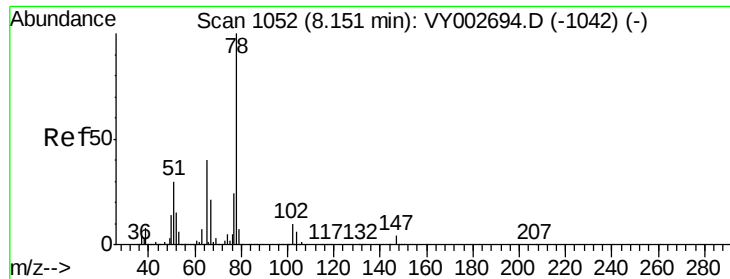
99 64.4 51.6 77.4

61 38.0 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

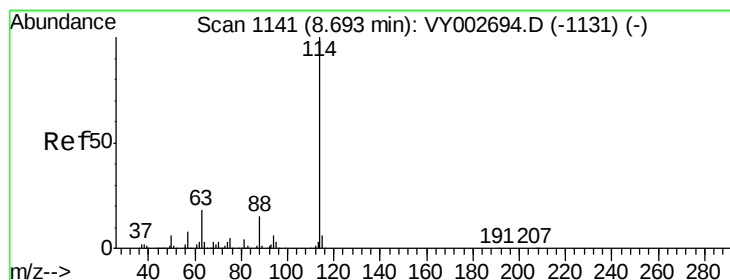
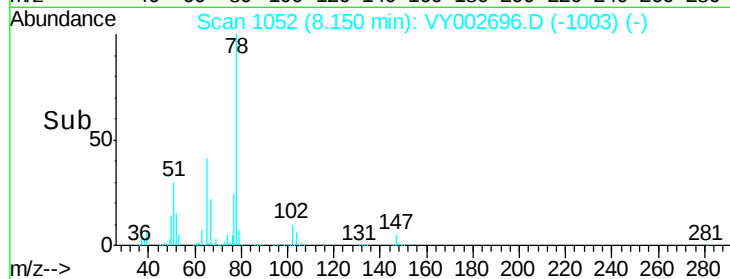
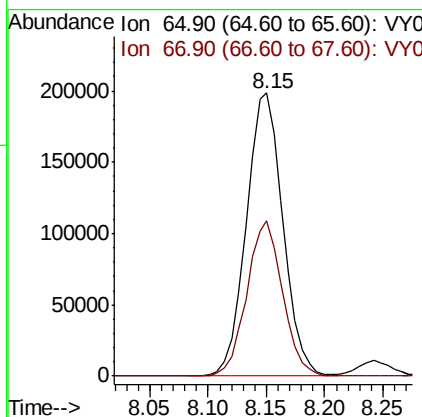
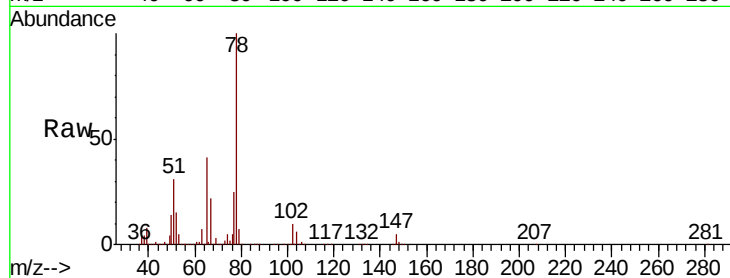




#33
 1,2-Dichloroethane-d4
 Concen: 141.480 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

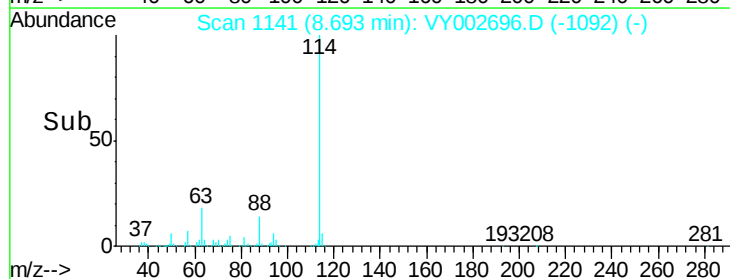
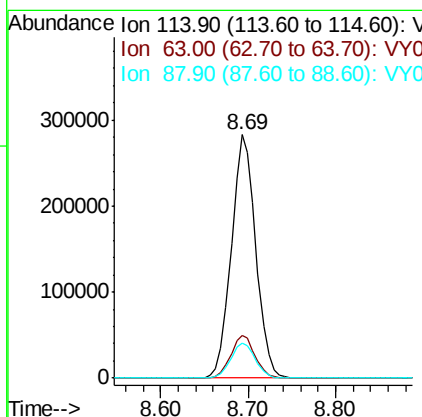
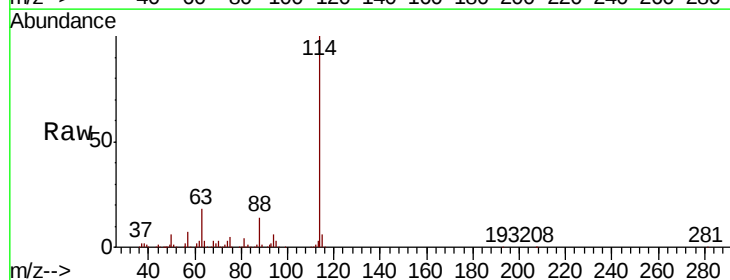
Instrument :
 MSVOA_Y
 ClientSampleId :

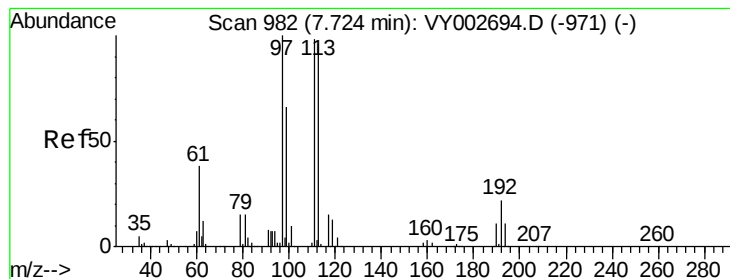
Tot Ion: 65 Resp: 434697
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion: 114 Resp: 547217
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.4
 88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 144.047 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampled :

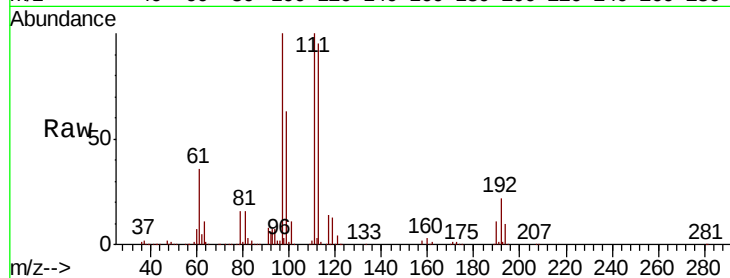
Tot Ion:113 Resp: 450184

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

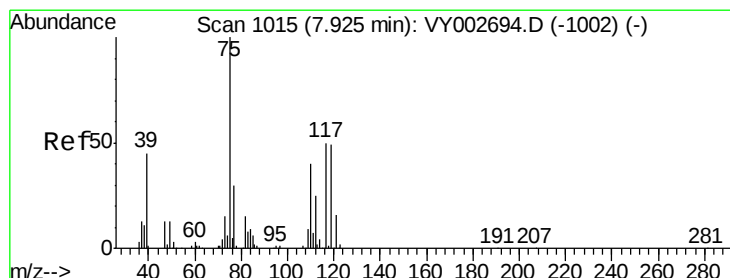
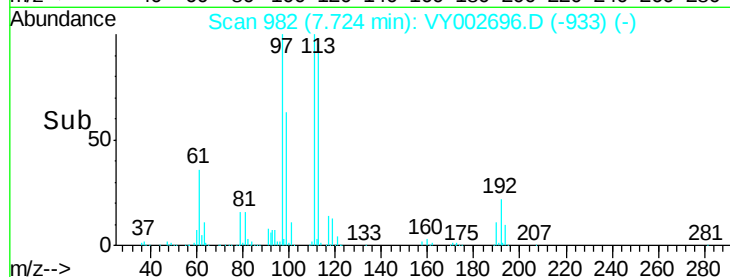
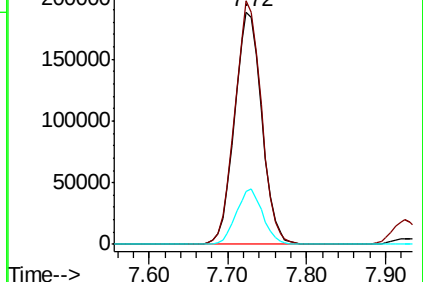
192 23.2 18.6 27.8



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: 140.688 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

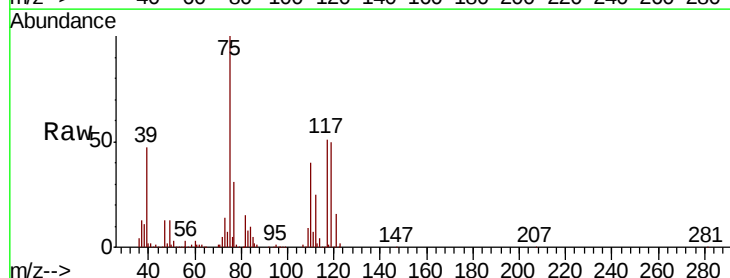
Tgt Ion: 75 Resp: 641560

Ion Ratio Lower Upper

75 100

110 38.8 19.4 58.4

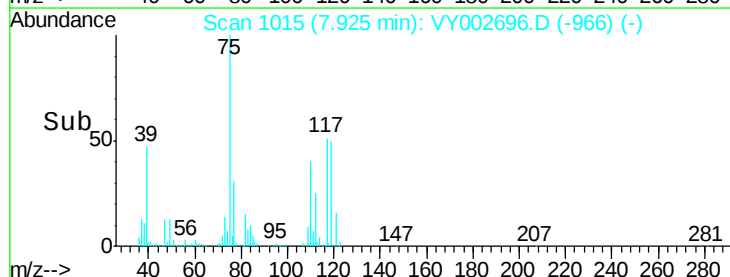
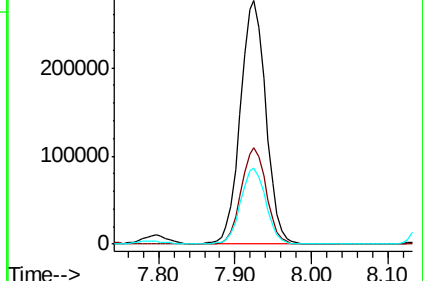
77 31.0 25.0 37.4

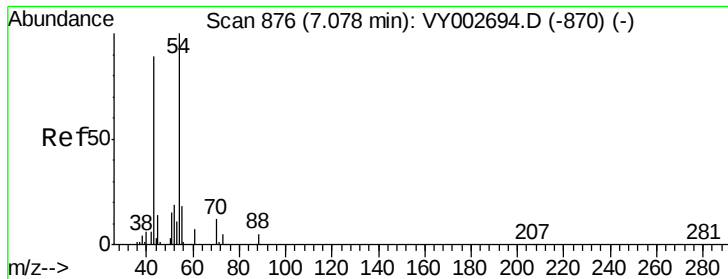


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

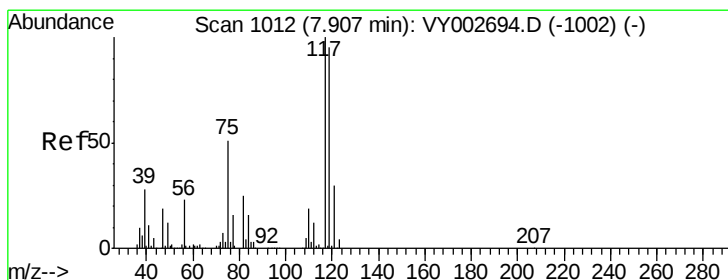
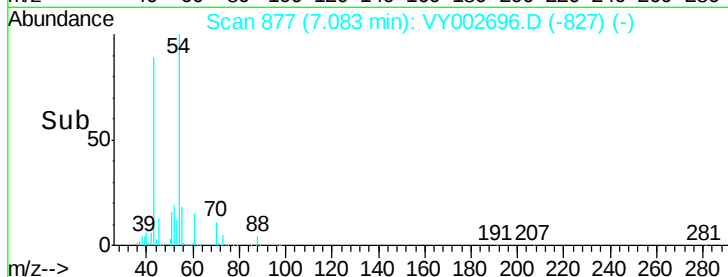
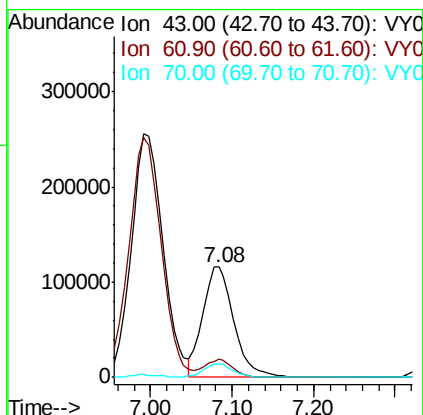
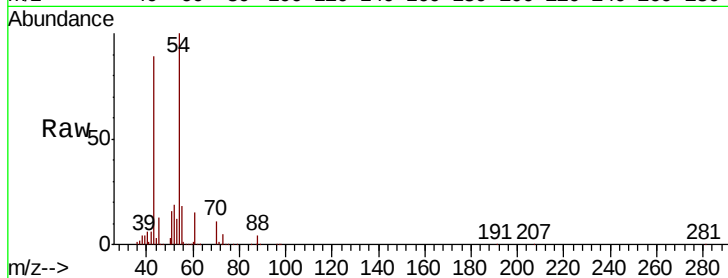




#37
Ethyl Acetate
Concen: 131.195 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

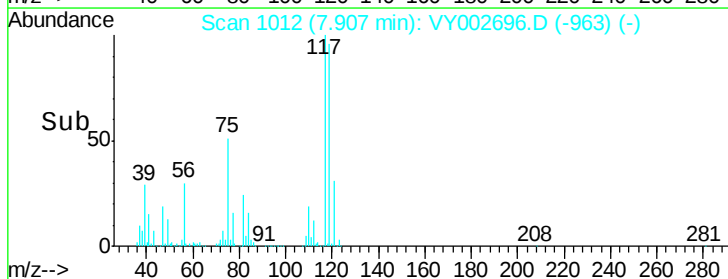
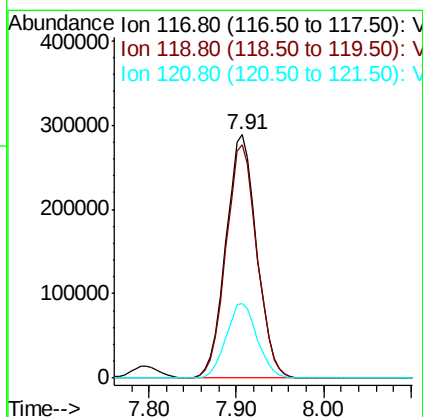
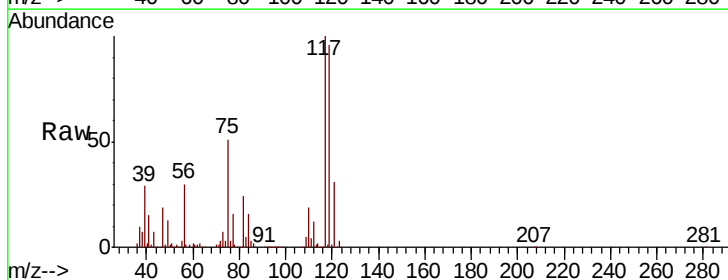
Instrument :
MSVOA_Y
ClientSampled :

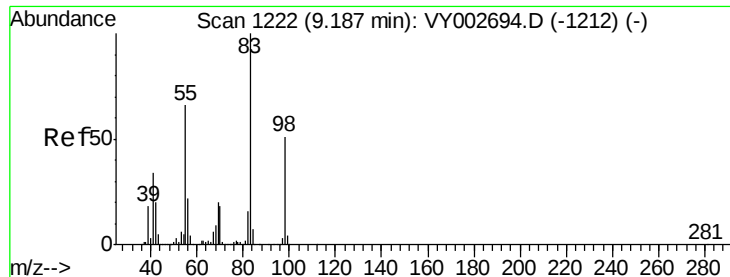
Tot Ion: 43 Resp: 308166
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 141.891 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 117 Resp: 706758
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
121 30.8 24.2 36.2

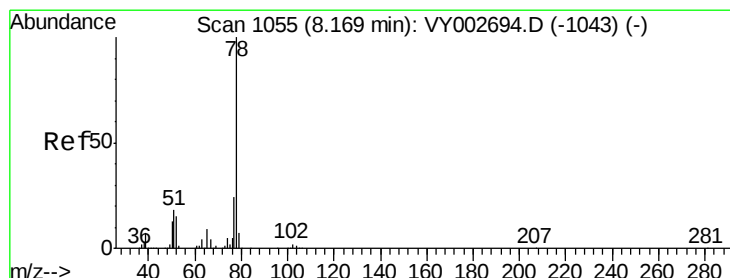
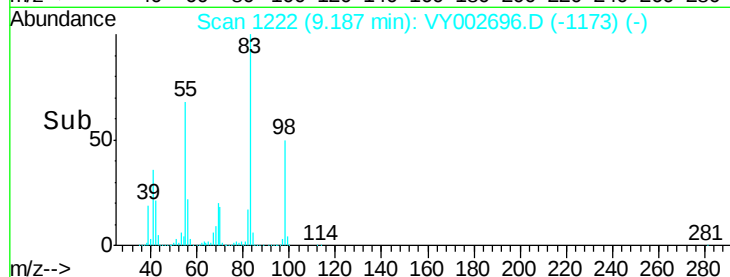
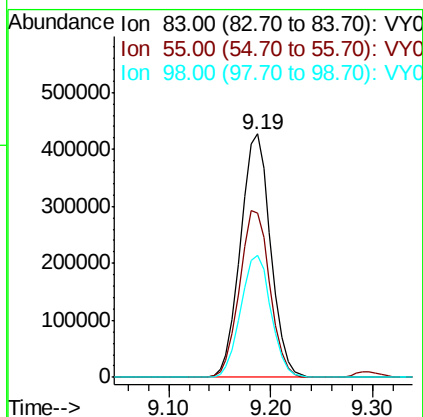
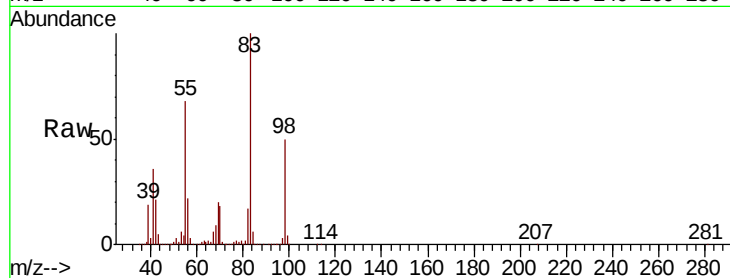




#39
Methvlcvclohexane
Concen: 144.396 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

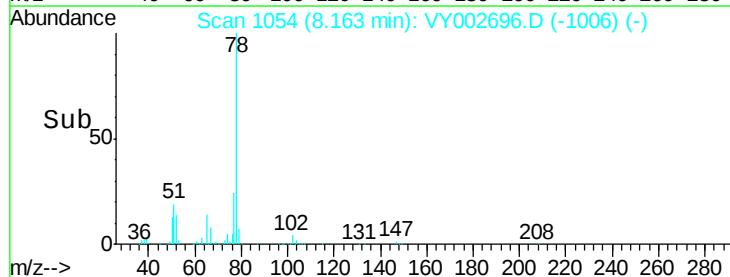
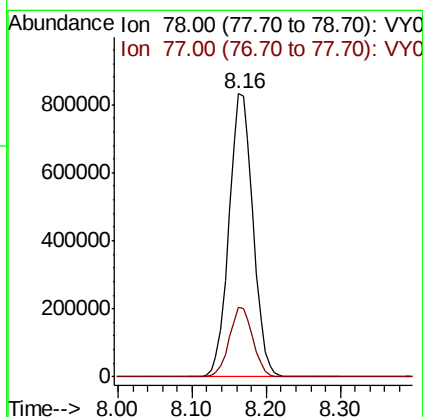
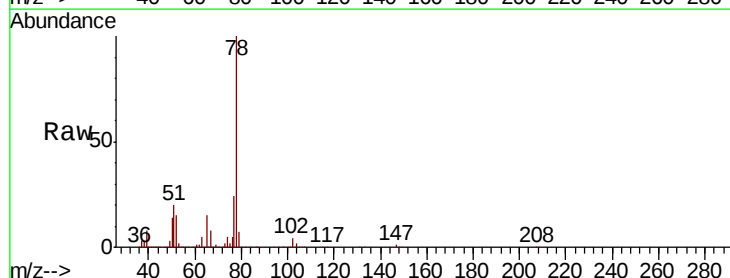
Instrument :
MSVOA_Y
ClientSampleId :

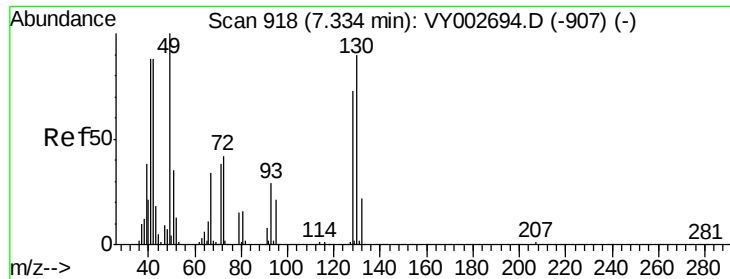
Tot Ion: 83 Resp: 873105
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 50.3 40.8 61.2



#40
Benzene
Concen: 141.612 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 78 Resp: 1875812
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

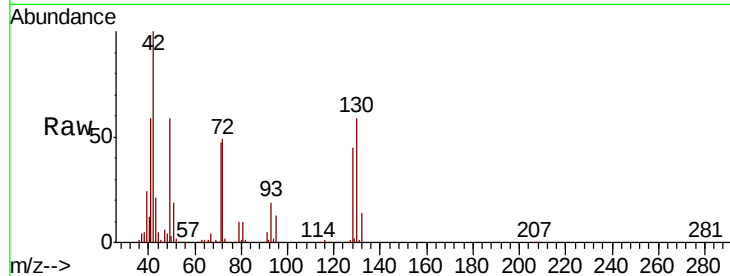




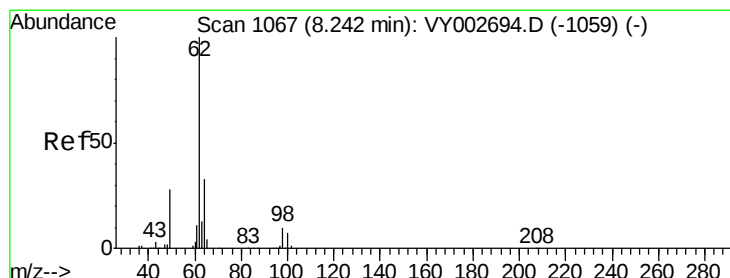
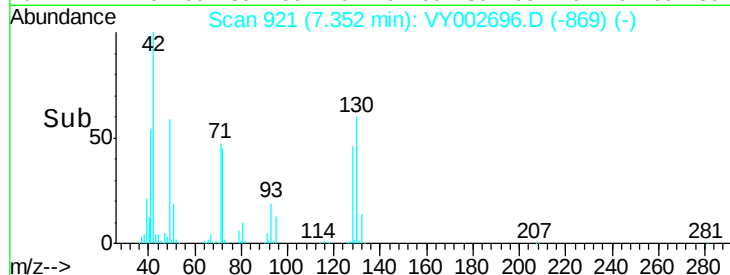
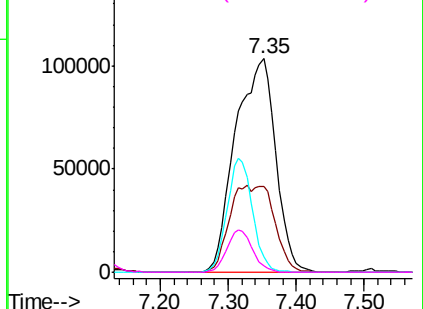
#41
Methacrylonitrile
Concen: 336.626 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	424774
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

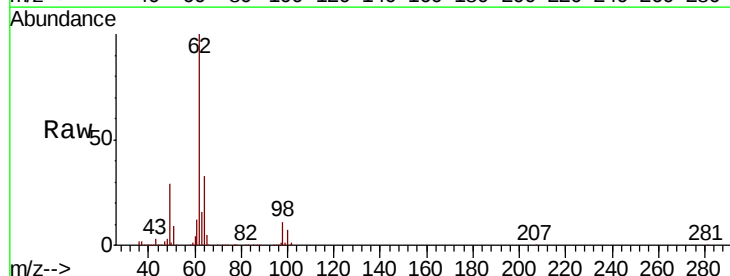


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

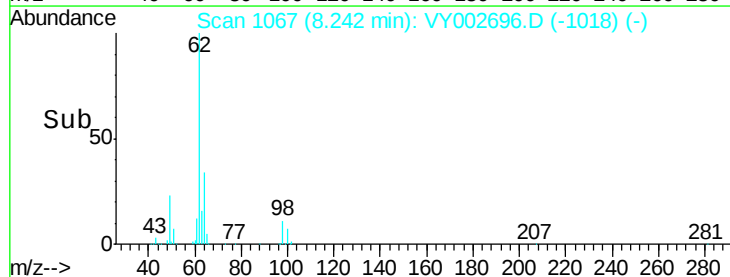
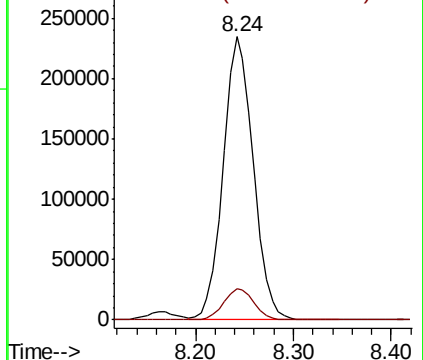


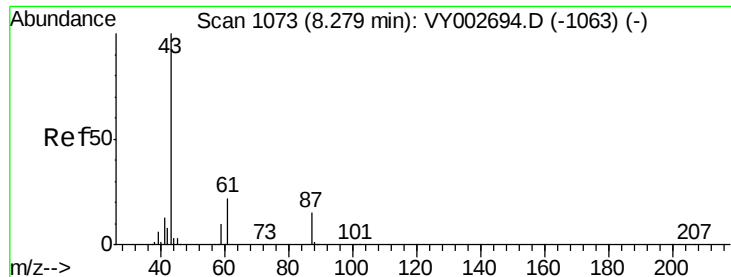
#42
1,2-Dichloroethane
Concen: 136.082 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion:	62	Resp:	499361
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.8



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

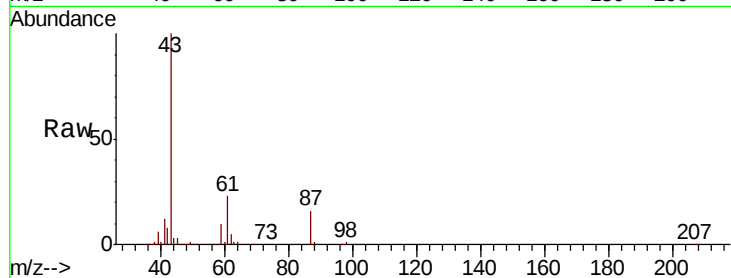




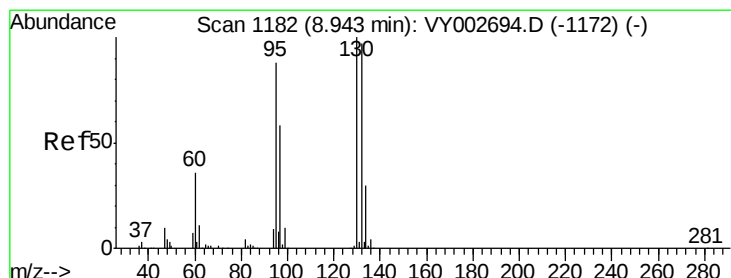
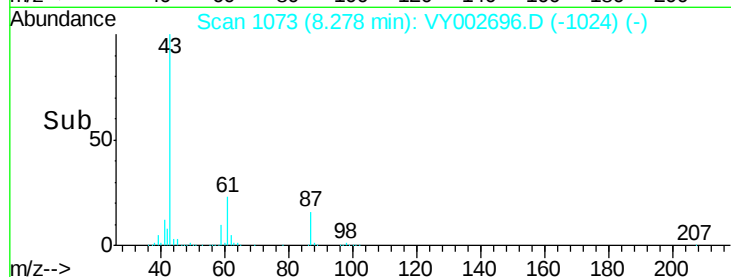
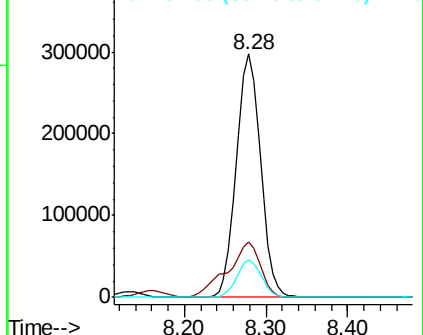
#43
Isopropyl Acetate
Concen: 138.768 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	43	Resp	609552
Ion Ratio	Lower	Upper	
43	100		
61	31.1	24.9	37.3
87	15.6	12.6	19.0

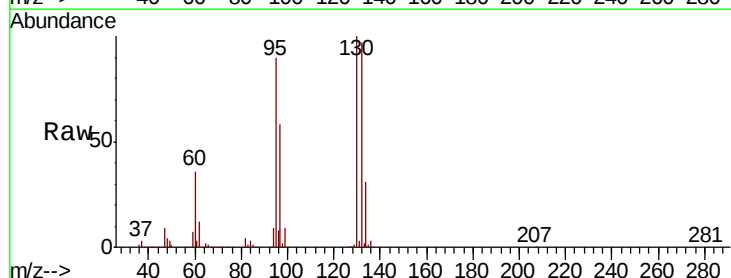


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

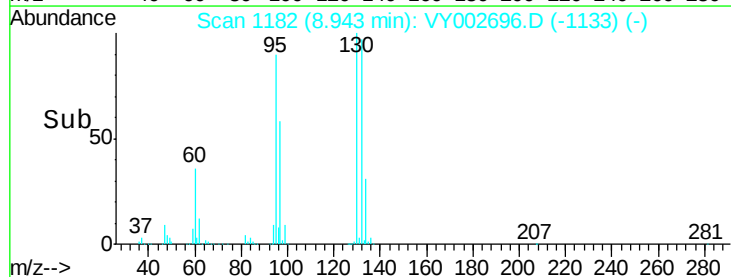
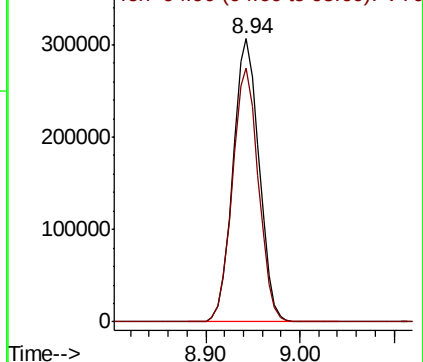


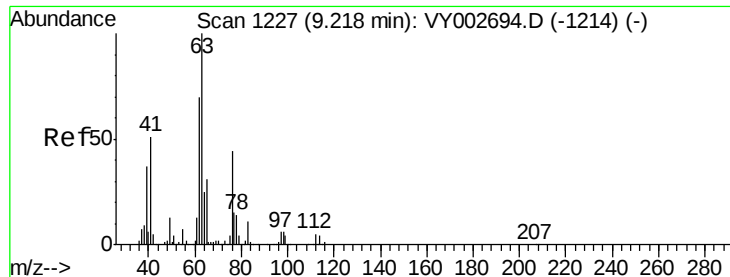
#44
Trichloroethene
Concen: 141.698 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion	130	Resp	589289
Ion Ratio	Lower	Upper	
130	100		
95	89.7	0.0	176.4



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





#45

1,2-Dichloropropane

Concen: 140.861 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

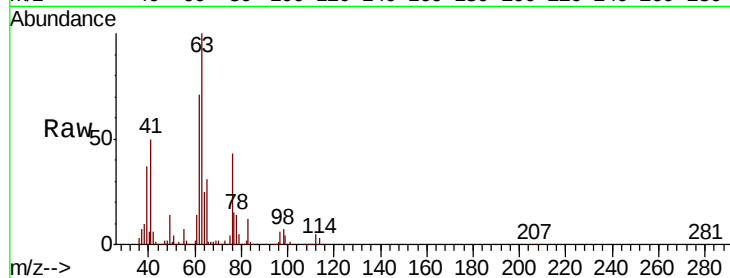
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 448105

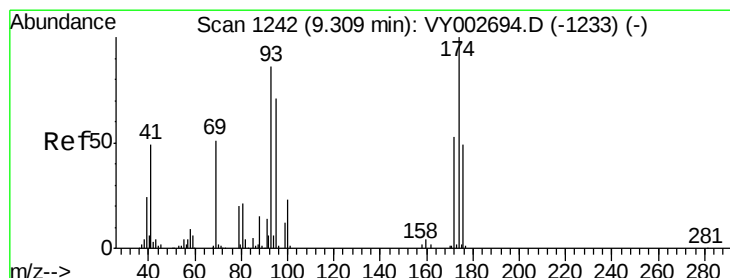
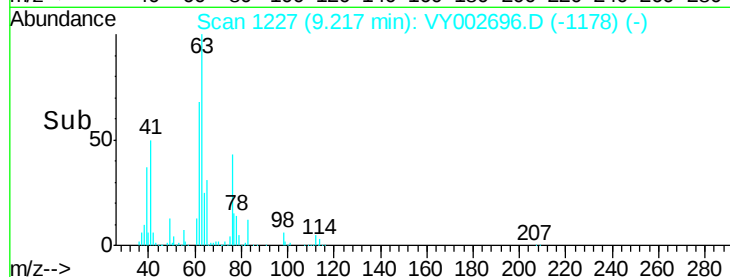
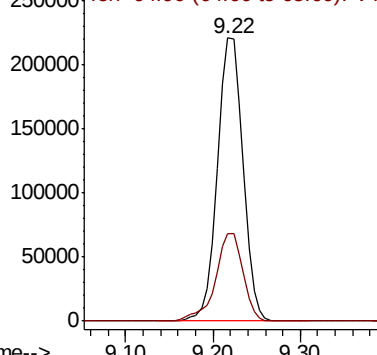
Ion Ratio Lower Upper

63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 138.531 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

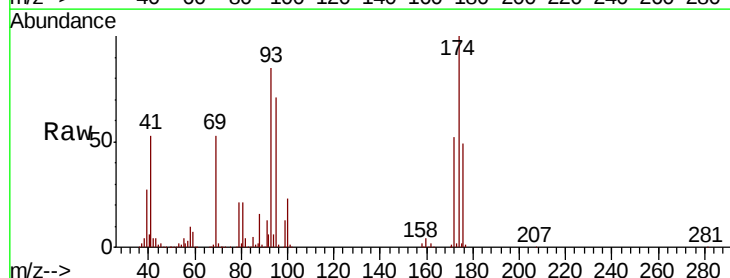
Tgt Ion: 93 Resp: 253636

Ion Ratio Lower Upper

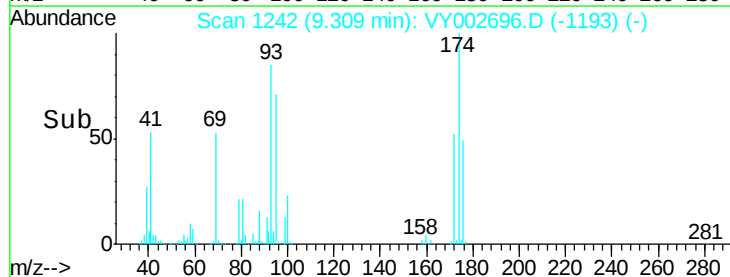
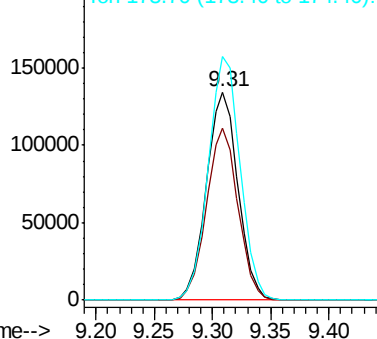
93 100

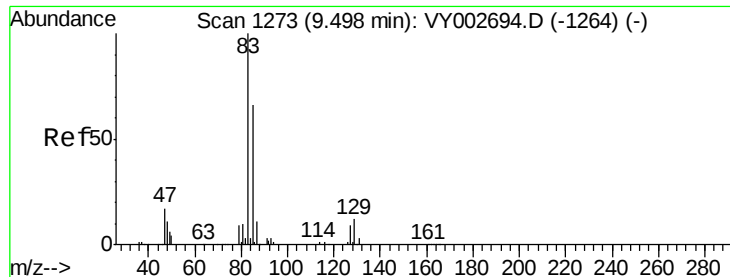
95 82.8 66.5 99.7

174 118.5 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 140.534 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

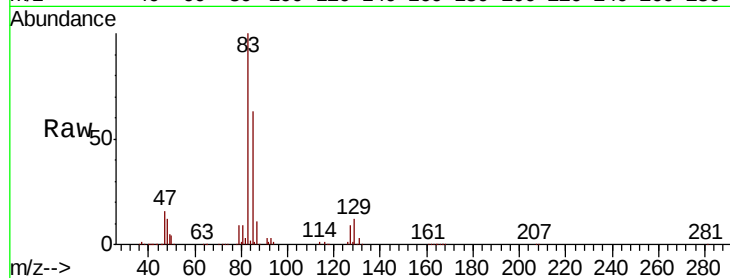
Tot Ion: 83 Resp: 626234

Ion Ratio Lower Upper

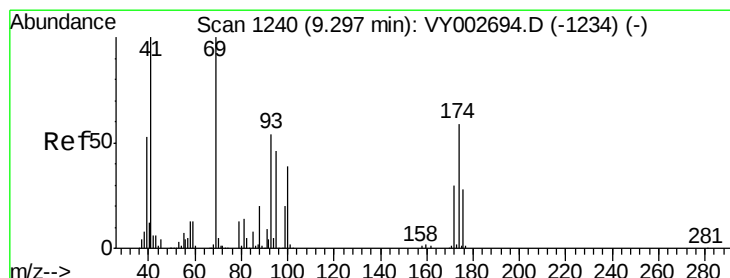
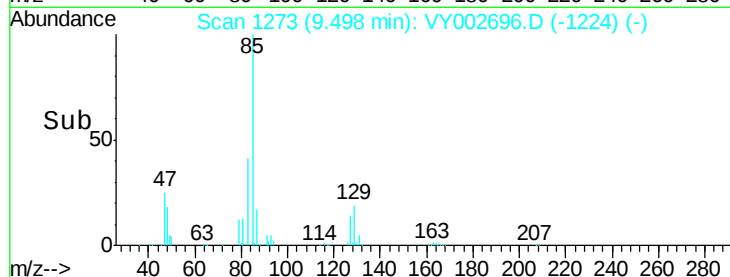
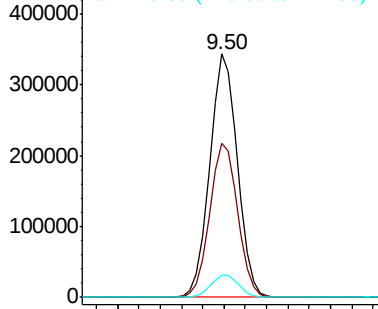
83 100

85 63.4 52.4 78.6

127 9.1 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: 141.048 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

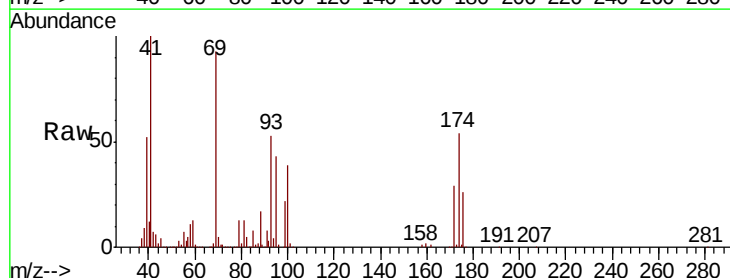
Tgt Ion: 41 Resp: 280022

Ion Ratio Lower Upper

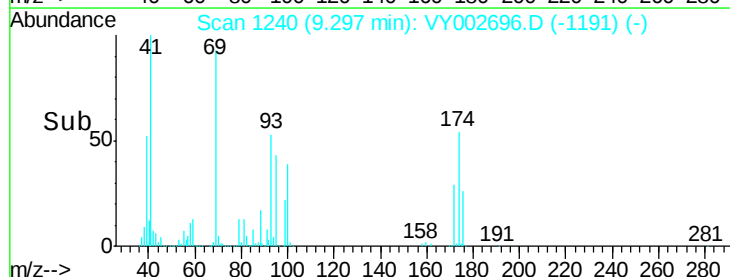
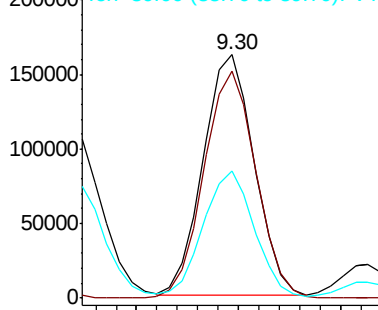
41 100

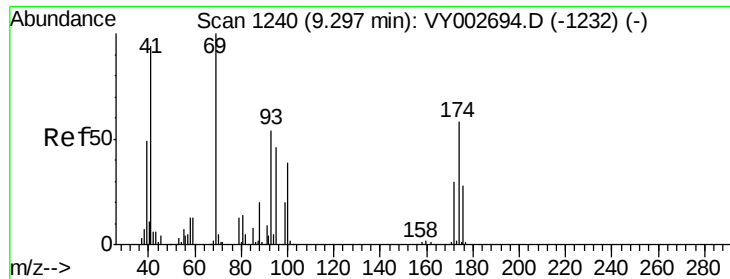
69 96.3 78.7 118.1

39 51.4 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

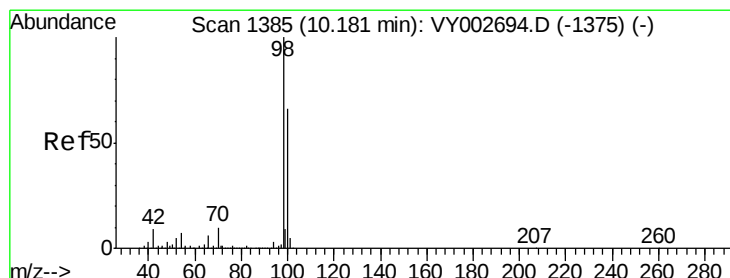
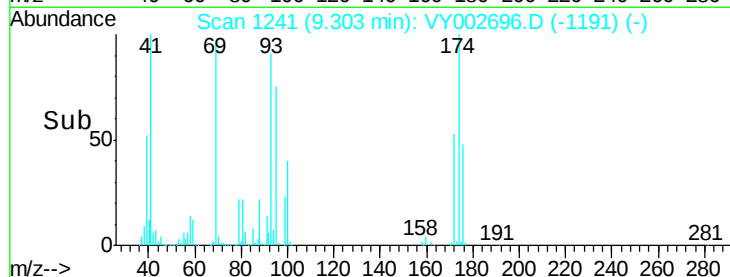
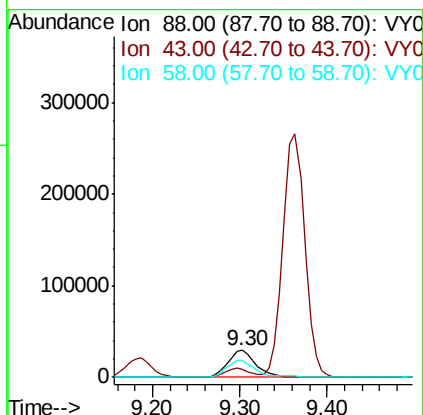
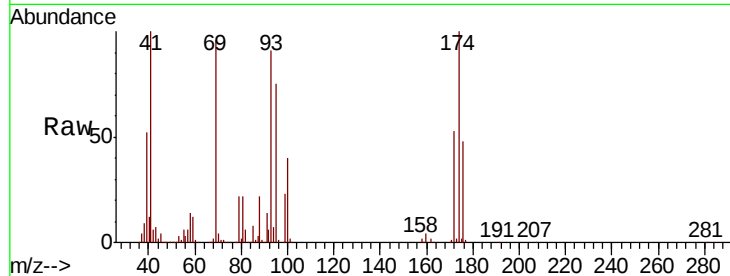




#49
1,4-Dioxane
Concen: 2757.053 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

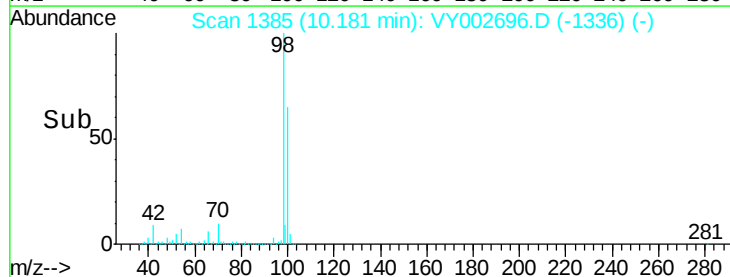
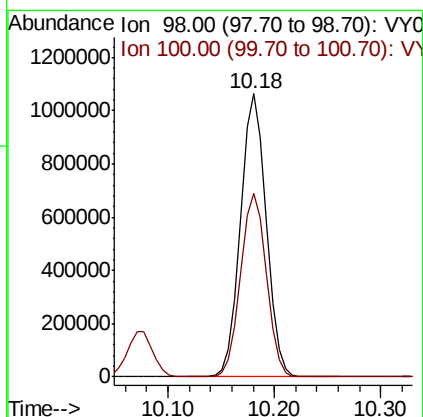
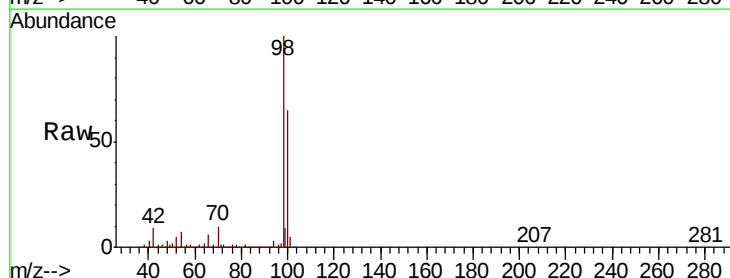
Instrument :
MSVOA_Y
ClientSampleId :

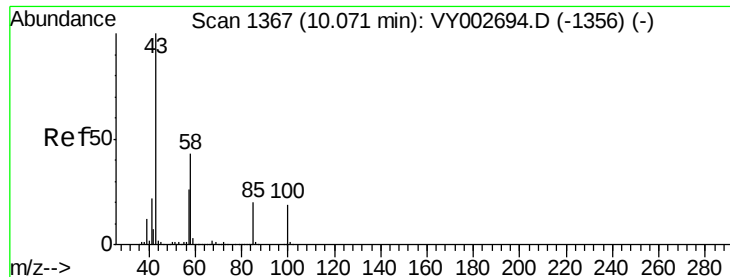
Tot Ion: 88 Resp: 66692
Ion Ratio Lower Upper
88 100
43 28.2 23.4 35.0
58 65.7 54.5 81.7



#50
Toluene-d8
Concen: 147.212 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 98 Resp: 1804667
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 678.634 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

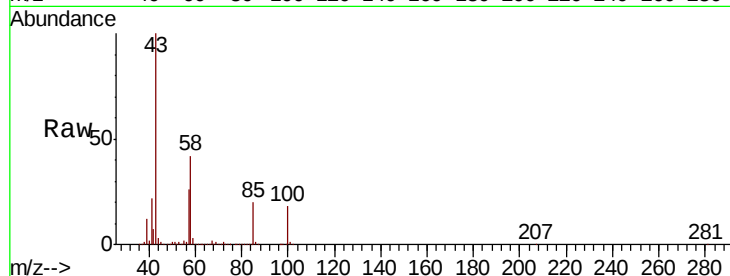
ClientSampled :

Tot Ion: 43 Resp: 1531011

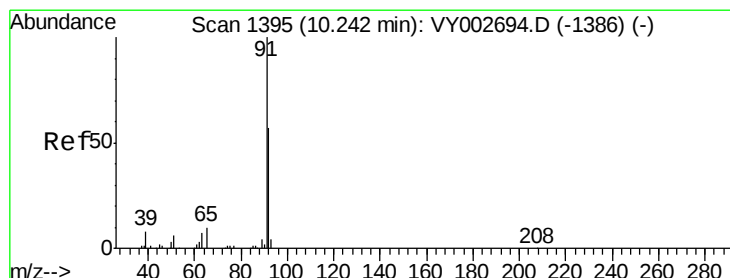
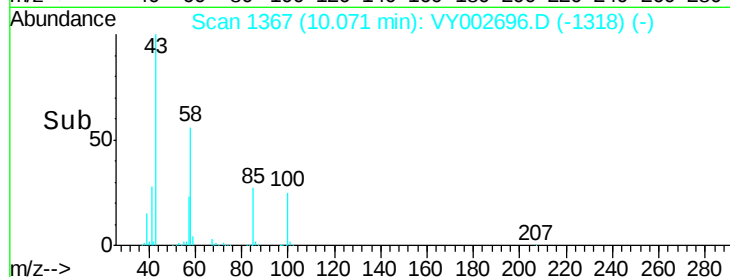
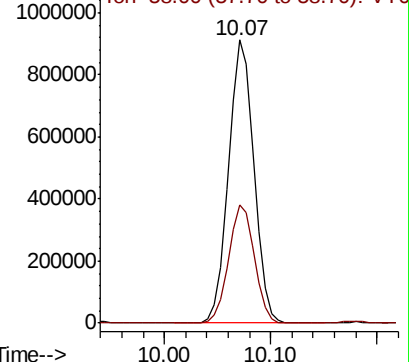
Ion Ratio Lower Upper

43 100

58 42.2 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY002694.D (-1356) (-)



#52

Toluene

Concen: 142.549 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002696.D

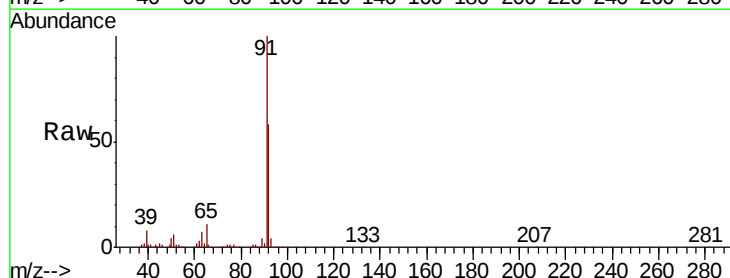
Acq: 15 May 2020 13:16

Tgt Ion: 92 Resp: 1213514

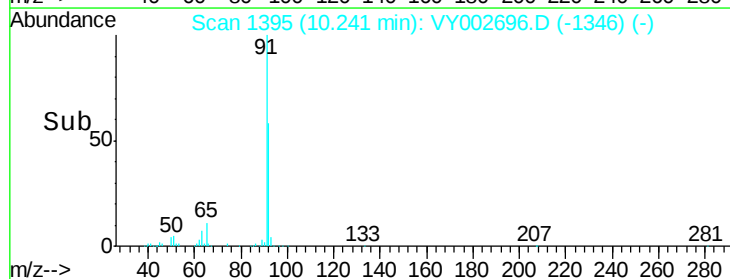
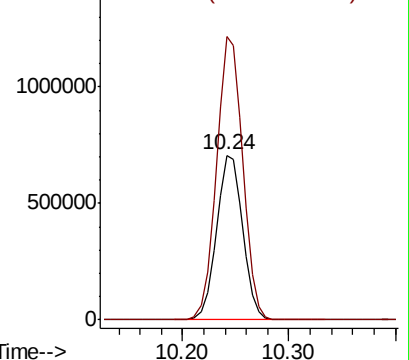
Ion Ratio Lower Upper

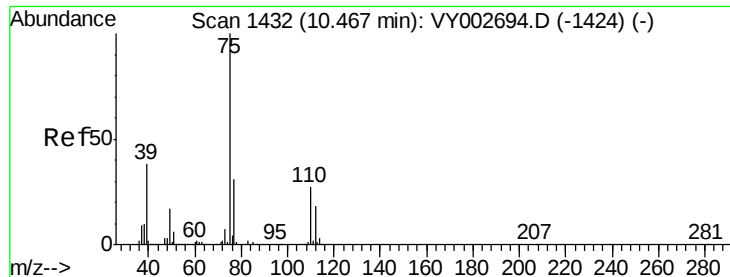
92 100

91 172.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY002694.D (-1386) (-)





#53

t-1,3-Dichloropropene

Concen: 144.038 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

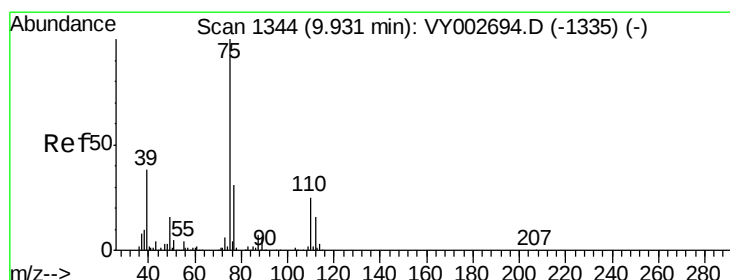
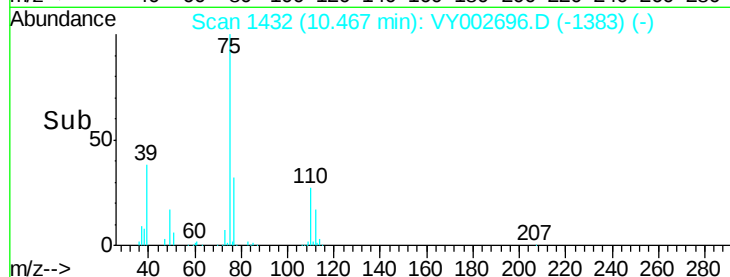
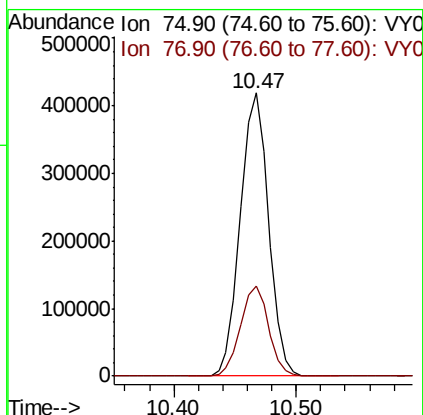
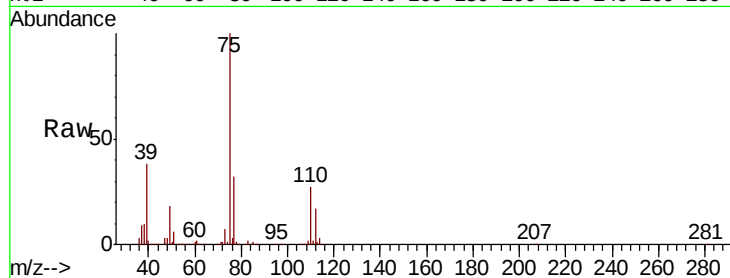
ClientSampleId :

Tot Ion: 75 Resp: 672093

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 141.486 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

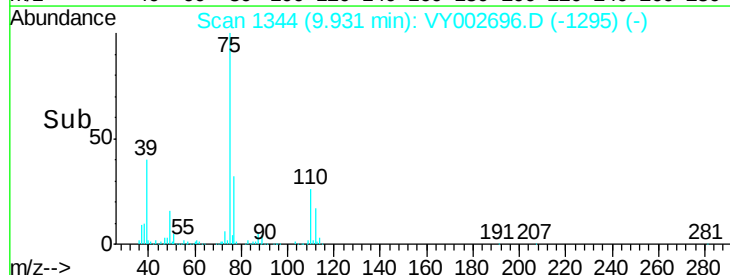
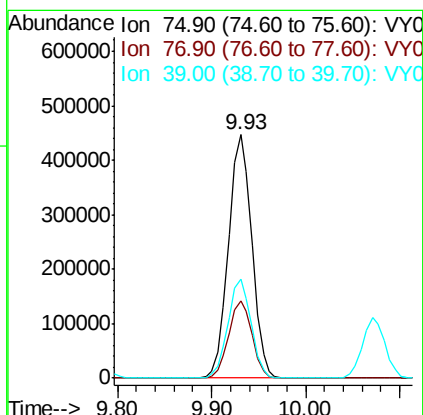
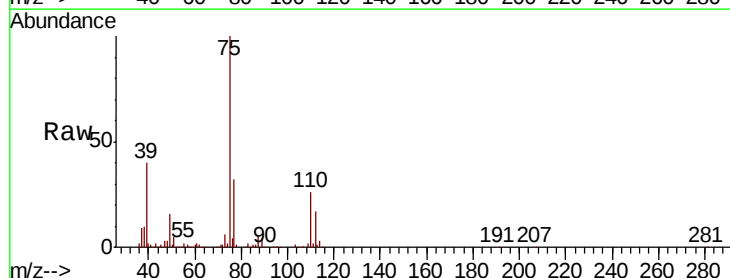
Tgt Ion: 75 Resp: 765605

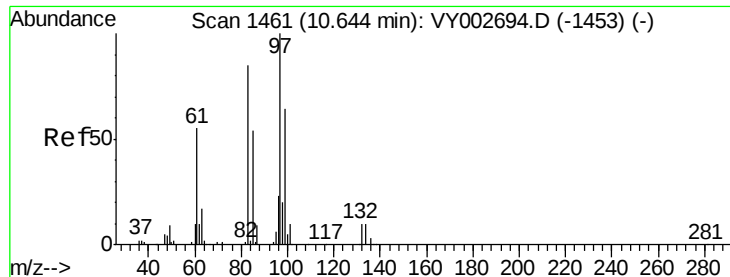
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 40.4 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 139.762 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 373278

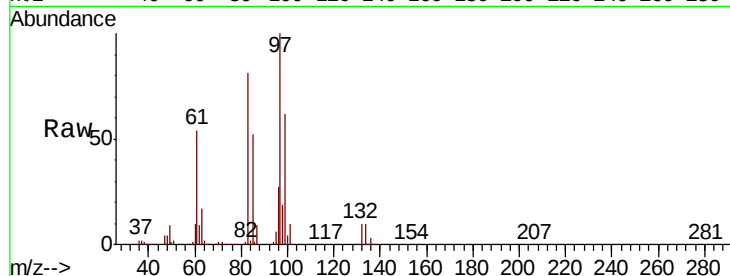
Ion Ratio Lower Upper

97 100

83 81.3 68.1 102.1

85 52.3 43.1 64.7

99 62.1 51.0 76.4

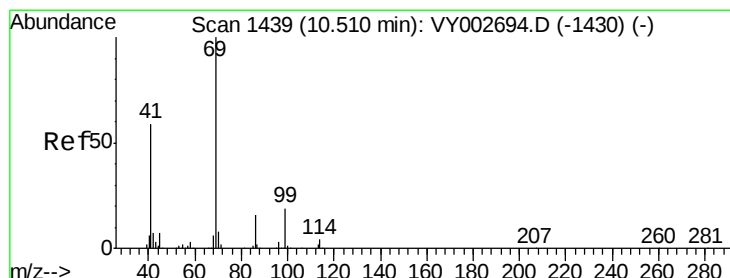
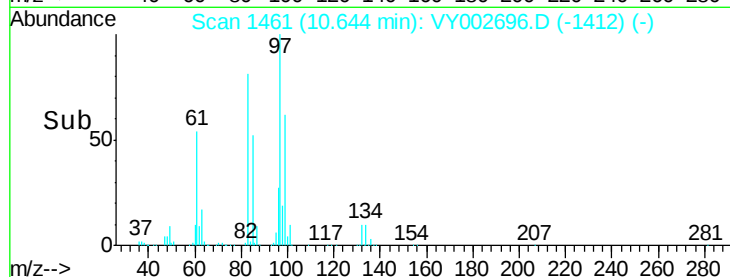
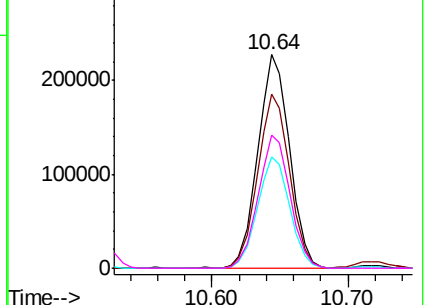


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 145.106 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

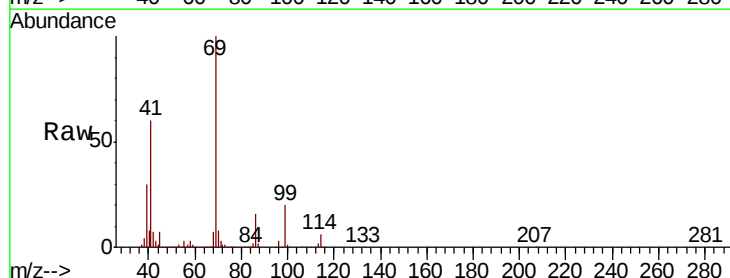
Tgt Ion: 69 Resp: 516437

Ion Ratio Lower Upper

69 100

41 59.2 48.0 72.0

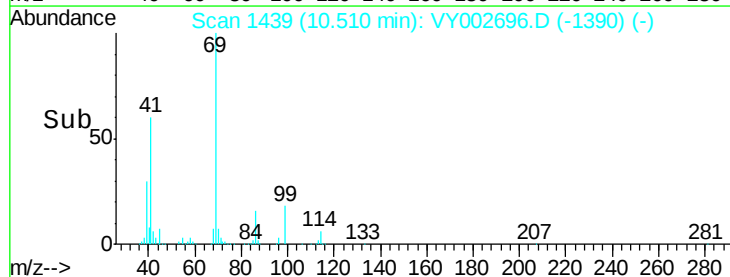
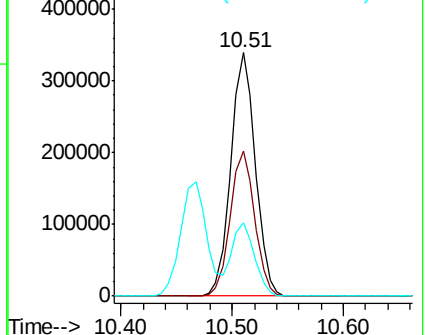
39 27.8 22.1 33.1

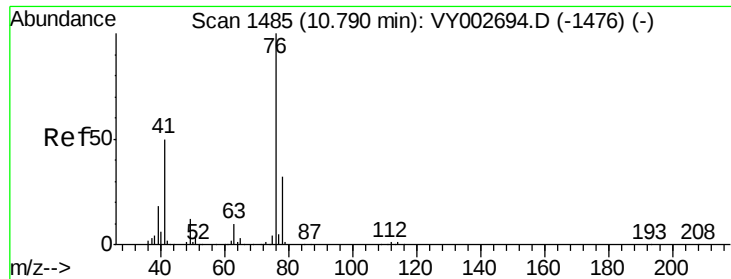


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 138.152 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

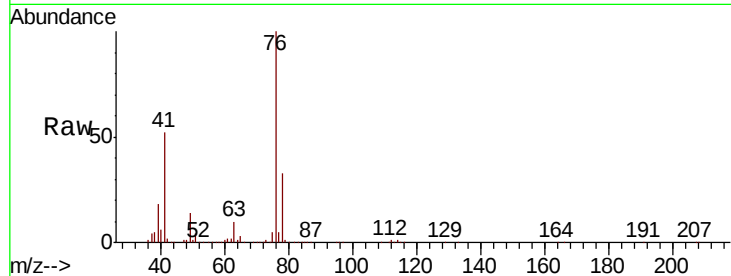
ClientSampleId :

Tot Ion: 76 Resp: 625338

Ion Ratio Lower Upper

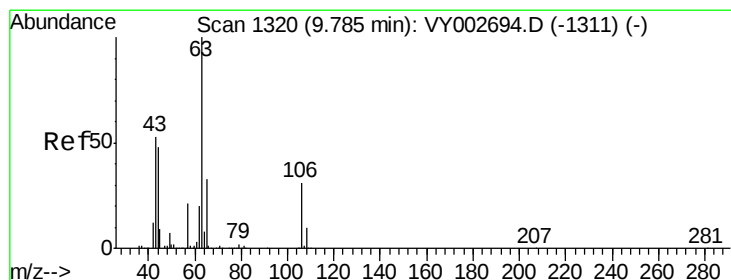
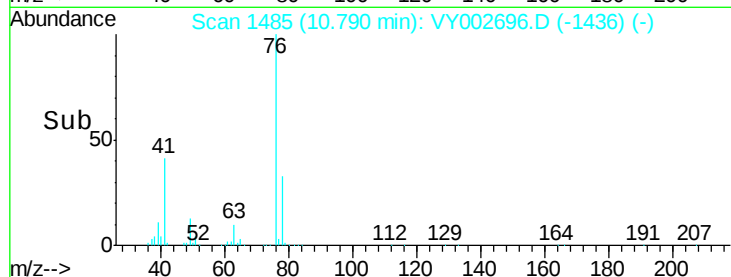
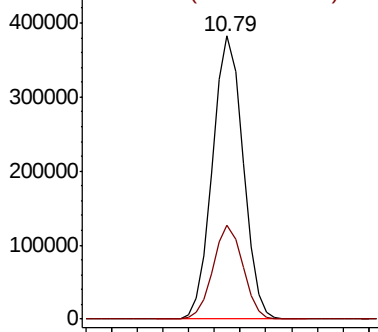
76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 671.626 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002696.D

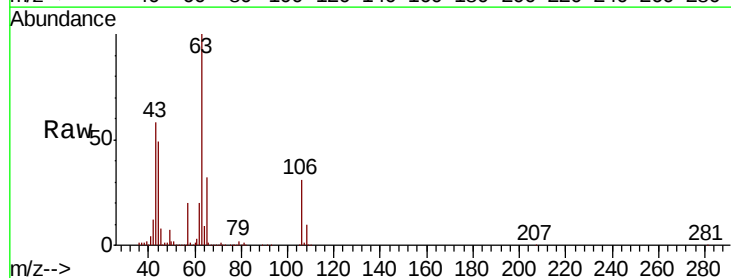
Acq: 15 May 2020 13:16

Tgt Ion: 63 Resp: 1265055

Ion Ratio Lower Upper

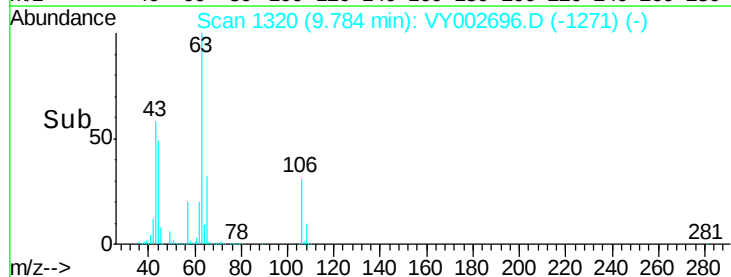
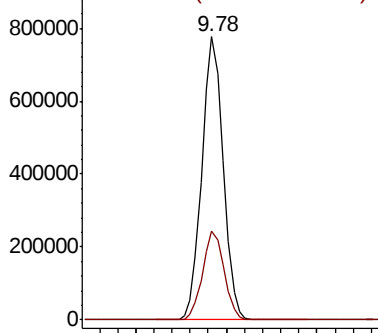
63 100

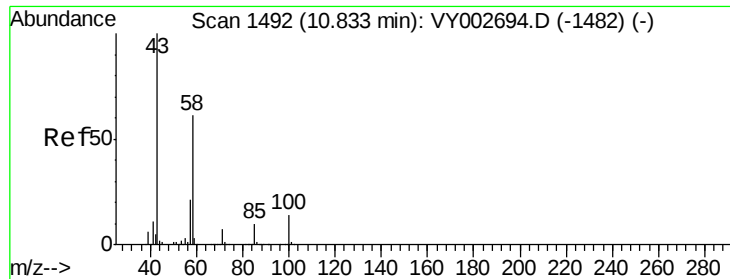
106 31.5 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

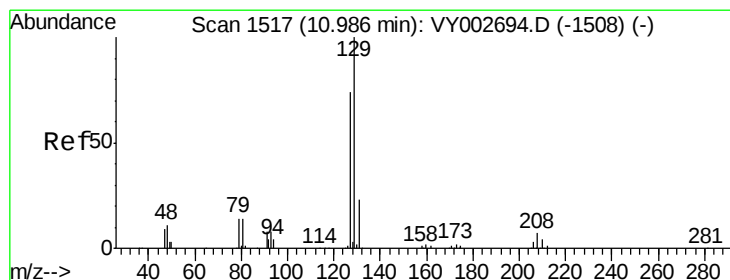
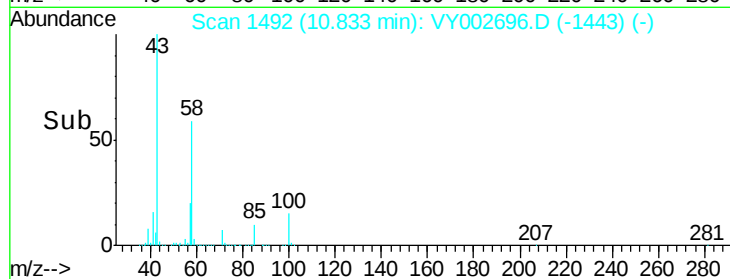
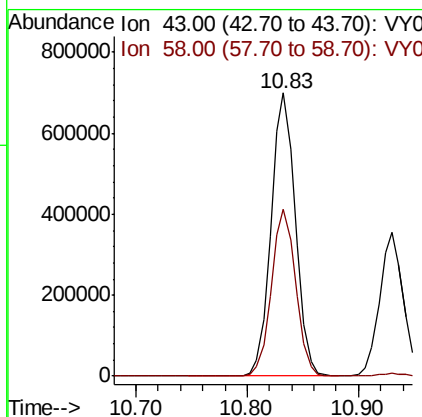
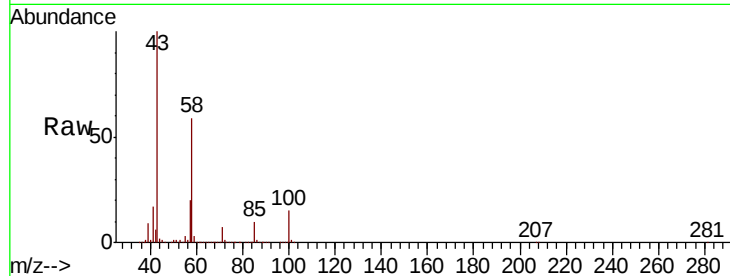




#59
2-Hexanone
Concen: 684.016 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

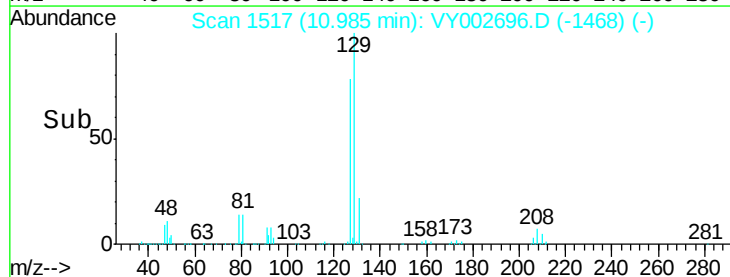
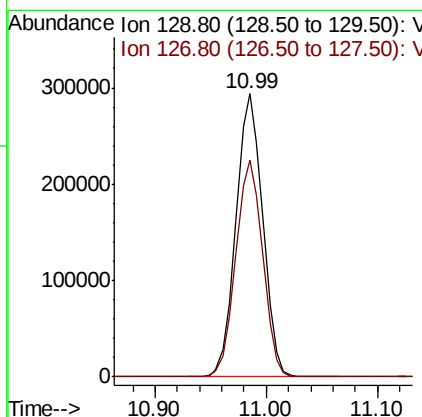
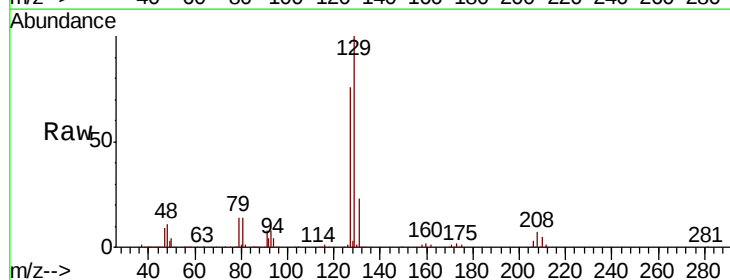
Instrument :
MSVOA_Y
ClientSampleId :

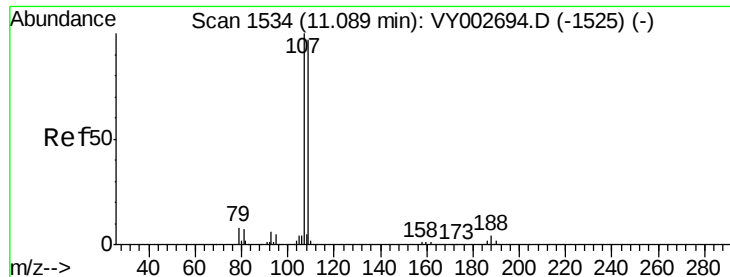
Tot Ion: 43 Resp: 1062615
Ion Ratio Lower Upper
43 100
58 58.8 29.8 89.4



#60
Dibromochloromethane
Concen: 142.506 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 129 Resp: 486367
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

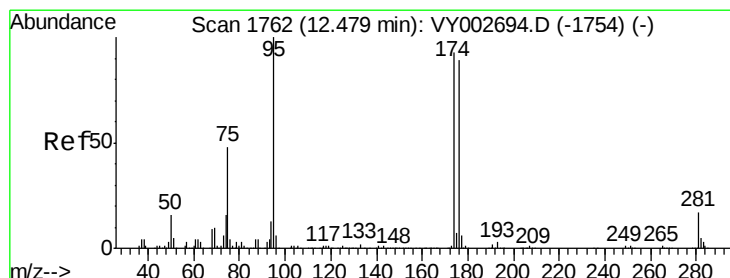
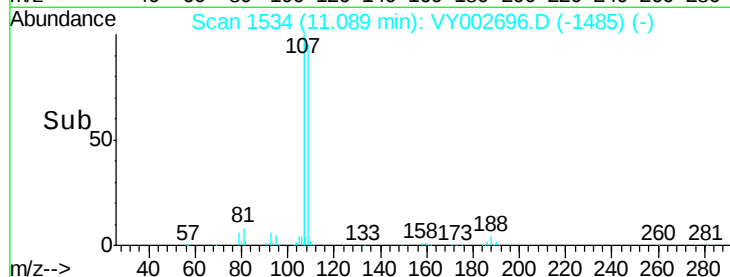
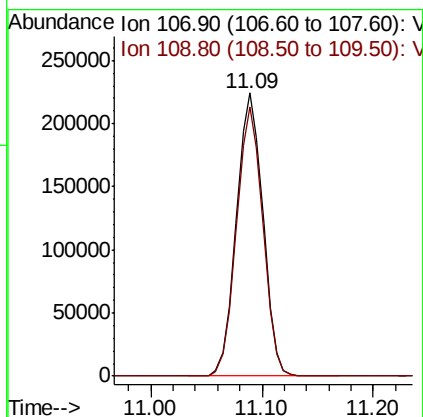
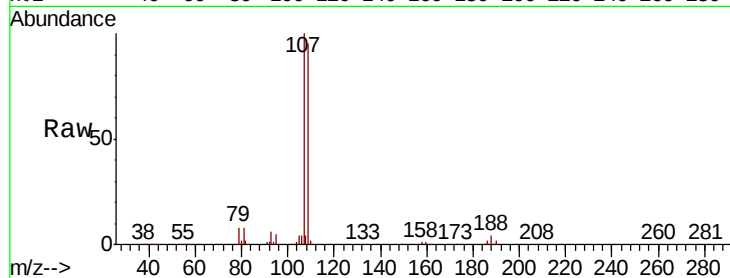




#61
 1,2-Dibromoethane
 Concen: 138.914 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

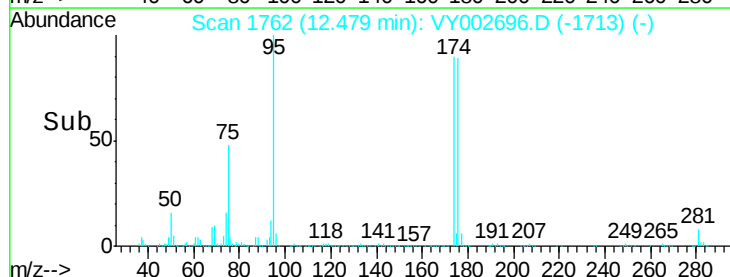
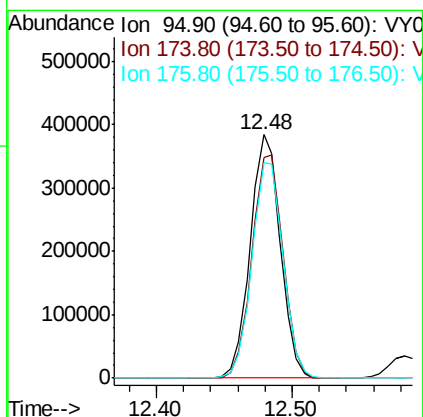
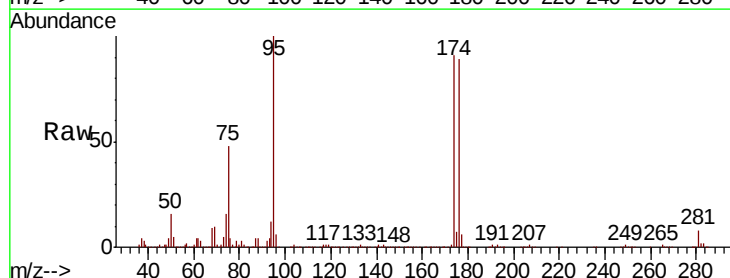
Instrument :
 MSVOA_Y
 ClientSampled :

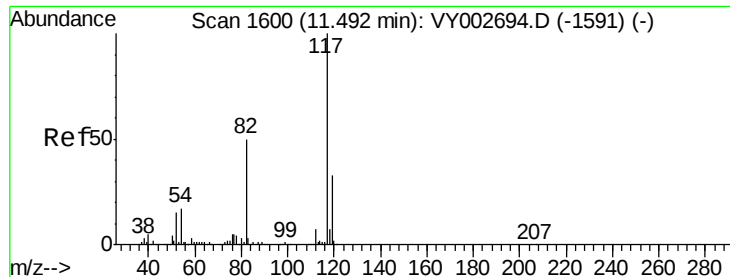
Tot Ion: 107 Resp: 368776
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 143.343 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion: 95 Resp: 597089
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.4
 176 91.7 0.0 186.0

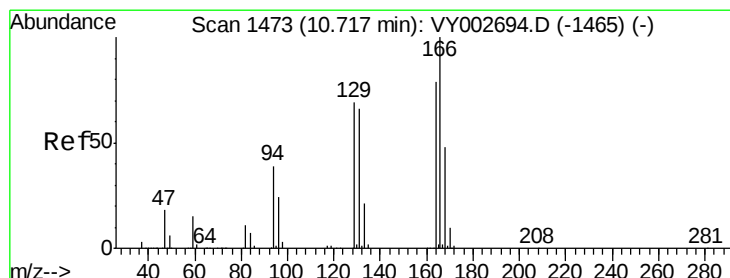
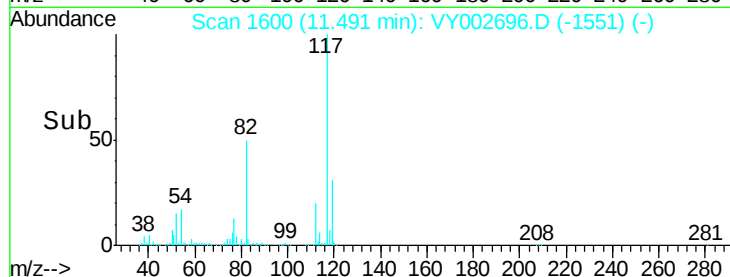
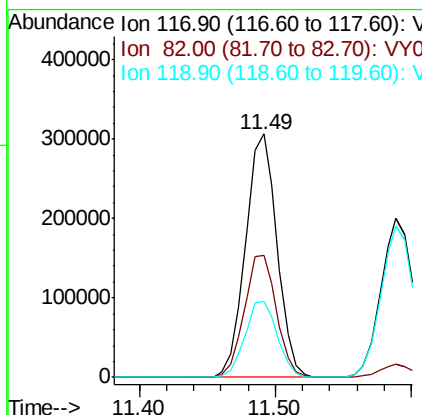
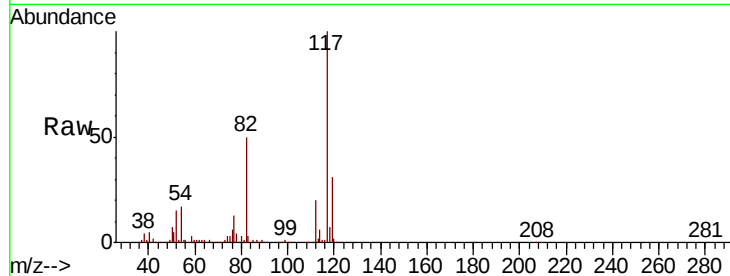




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

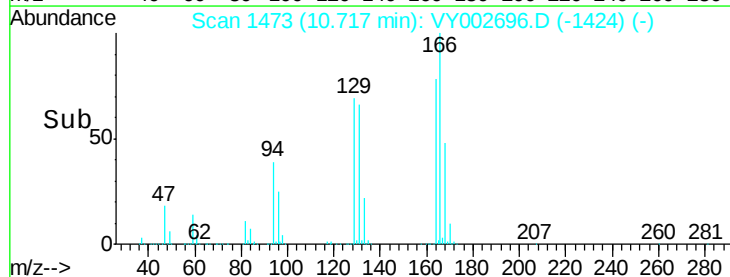
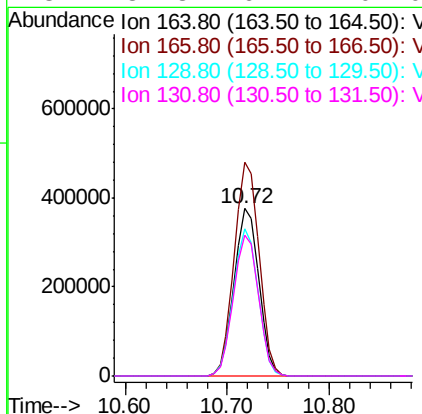
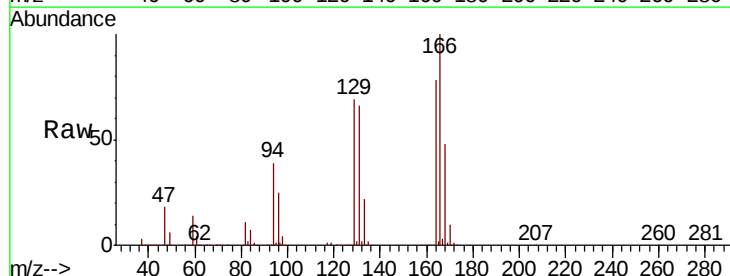
Instrument :
MSVOA_Y
ClientSampleId :

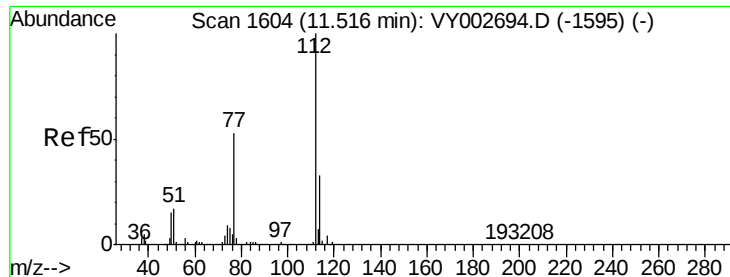
Tot Ion:117 Resp: 496513
Ion Ratio Lower Upper
117 100
82 49.9 40.3 60.5
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 142.077 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion:164 Resp: 630528
Ion Ratio Lower Upper
164 100
166 127.7 101.6 152.4
129 88.1 70.2 105.4
131 84.3 67.4 101.0

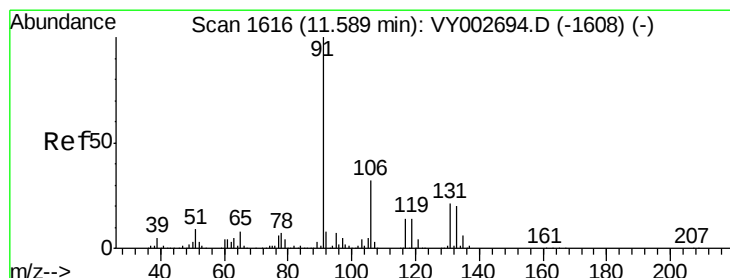
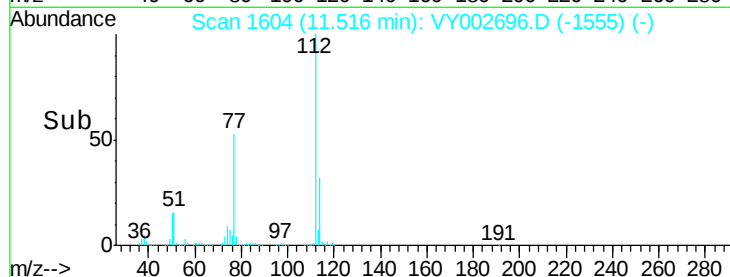
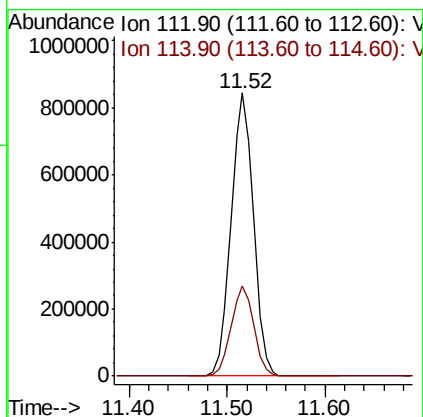
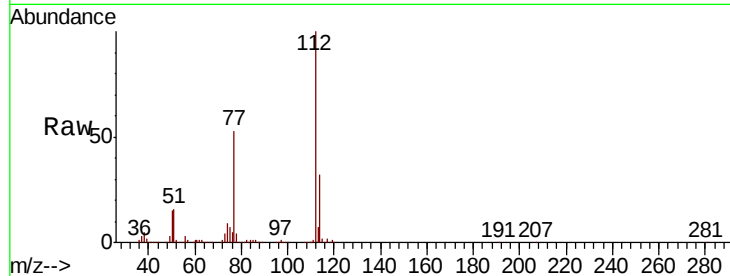




#65
Chlorobenzene
Concen: 141.603 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

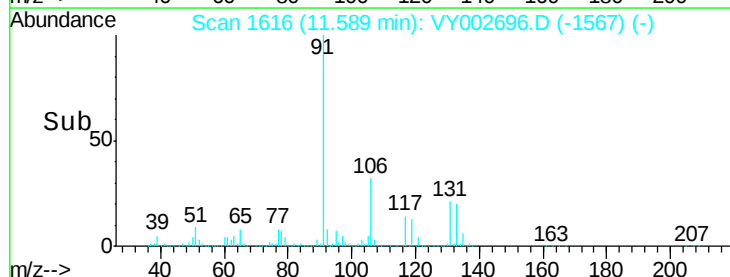
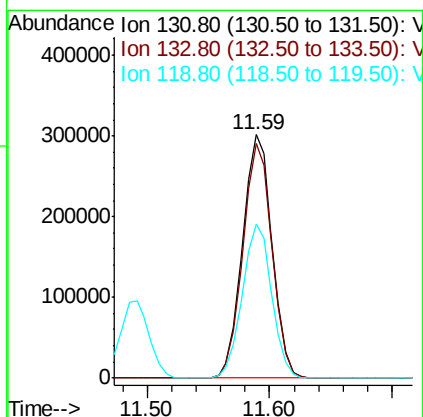
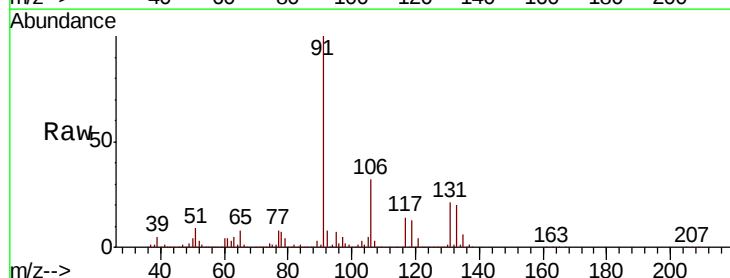
Instrument :
MSVOA_Y
ClientSampleId :

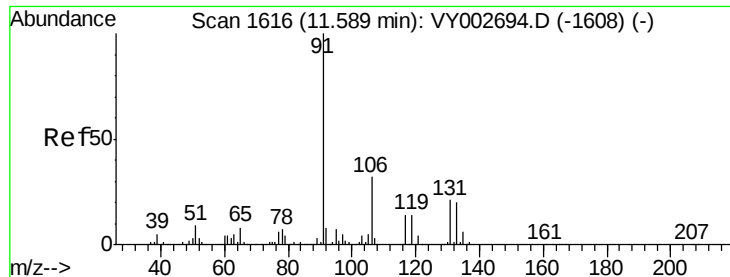
Tot Ion:112 Resp: 1333818
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 144.101 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion:131 Resp: 503500
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.3
119 63.0 31.6 94.8

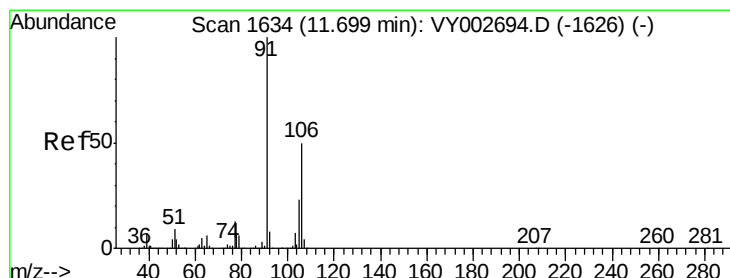
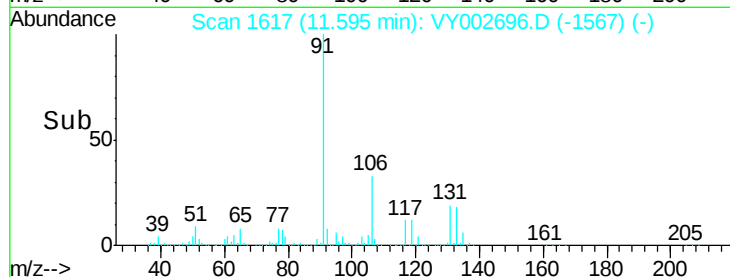
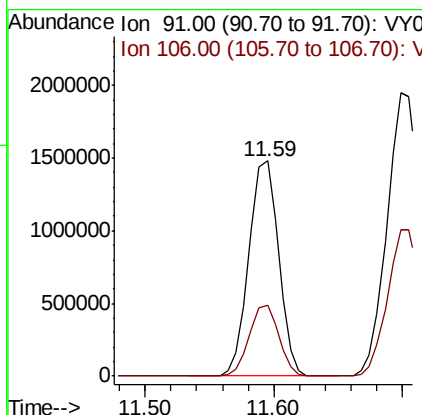
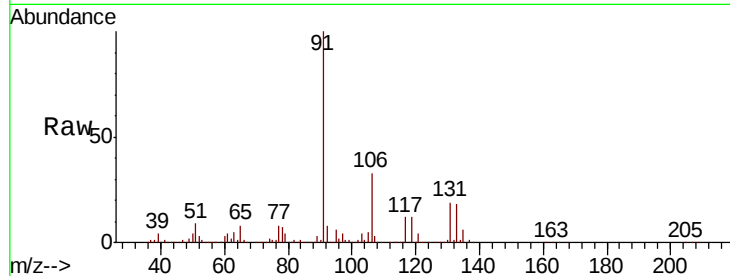




#67
Ethyl Benzene
Concen: 142.924 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

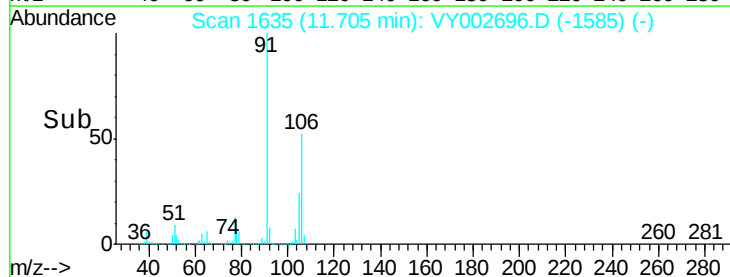
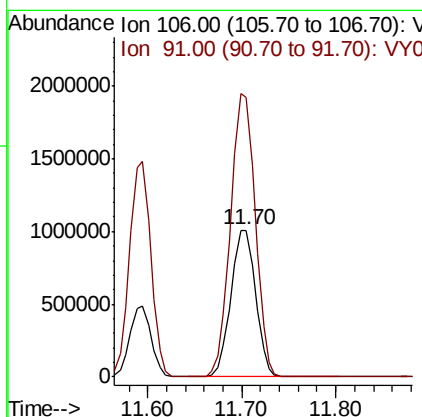
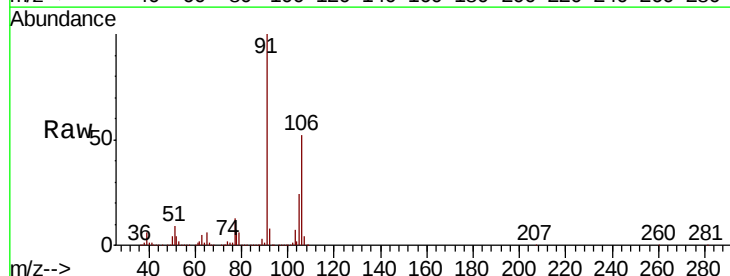
Instrument :
MSVOA_Y
ClientSampled :

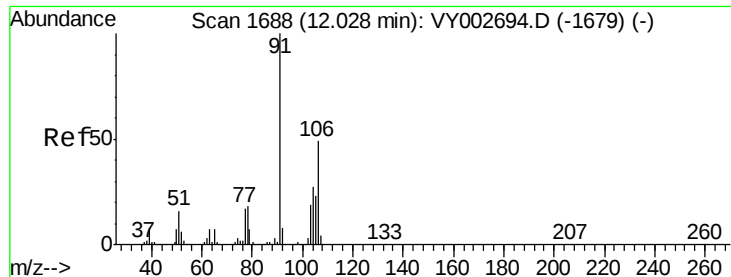
Tot Ion: 91 Resp: 2359128
Ion Ratio Lower Upper
91 100
106 32.8 26.0 39.0



#68
m/p-Xylenes
Concen: 287.980 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 106 Resp: 1842307
Ion Ratio Lower Upper
106 100
91 193.5 156.2 234.4

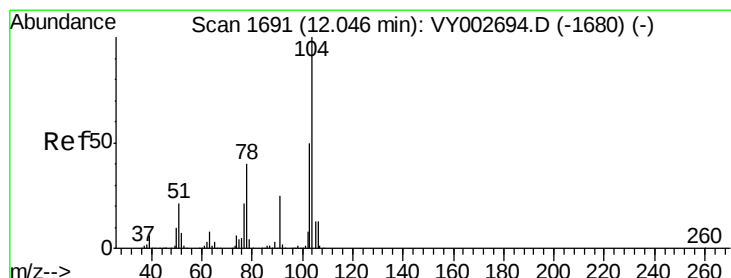
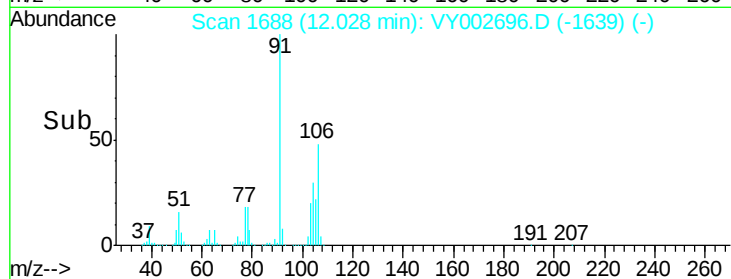
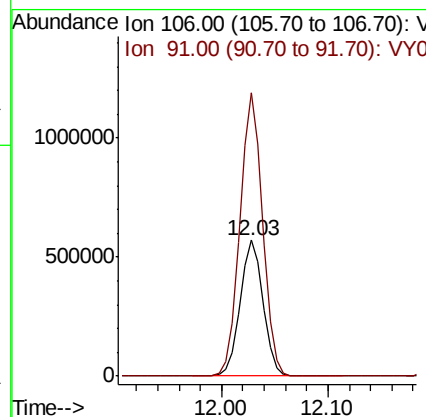
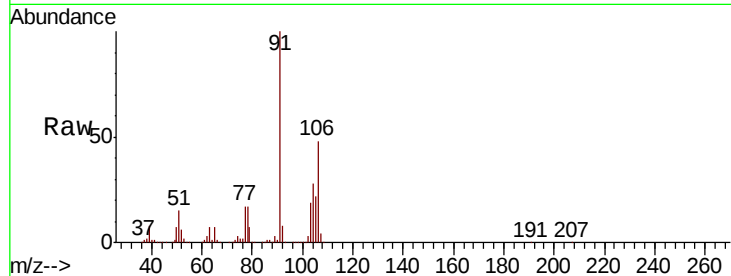




#69
o-Xylene
Concen: 143.611 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

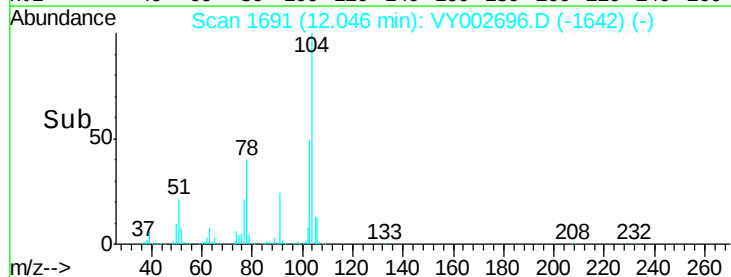
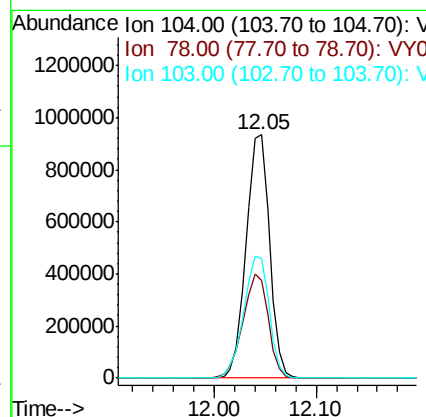
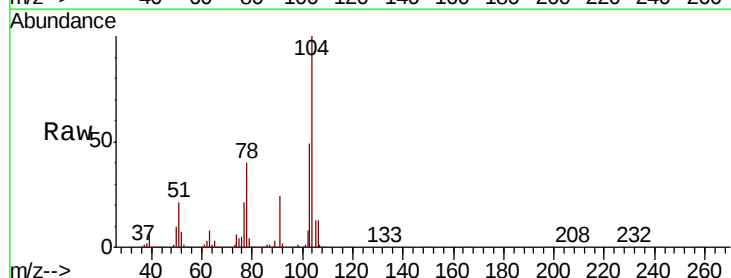
Instrument :
MSVOA_Y
ClientSampleId :

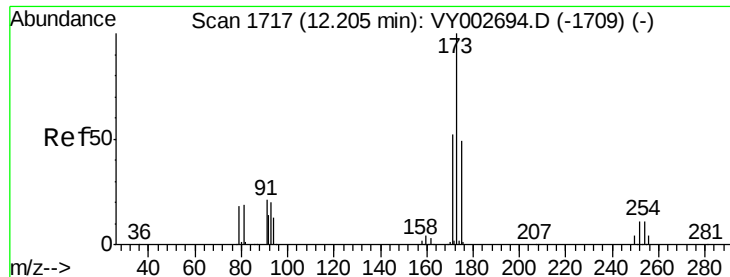
Tot Ion:106 Resp: 862426
Ion Ratio Lower Upper
106 100
91 205.6 103.5 310.3



#70
Styrene
Concen: 145.202 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion:104 Resp: 1488902
Ion Ratio Lower Upper
104 100
78 46.1 36.6 54.8
103 54.4 44.1 66.1





#71

Bromoform

Concen: 143.917 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

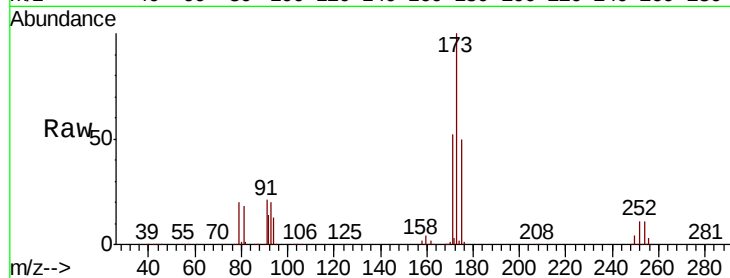
Tot Ion:173 Resp: 311922

Ion Ratio Lower Upper

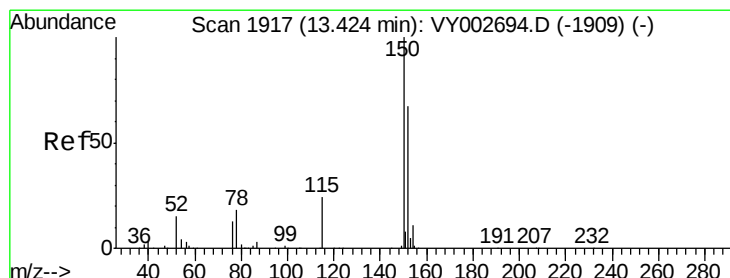
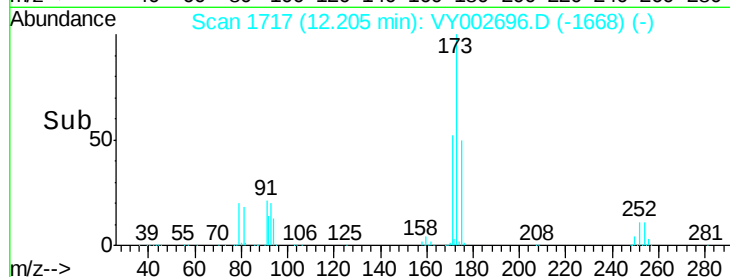
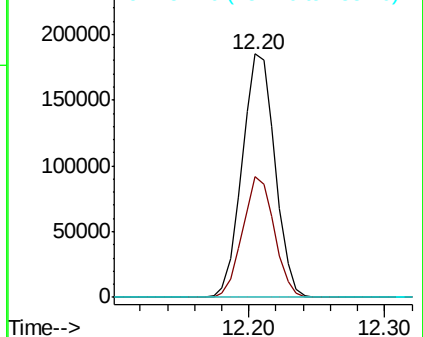
173 100

175 48.1 24.1 72.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

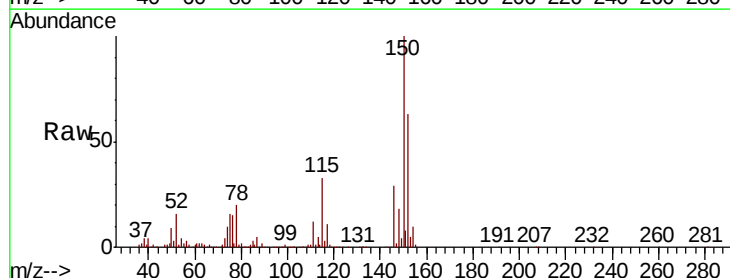
Tgt Ion:152 Resp: 247931

Ion Ratio Lower Upper

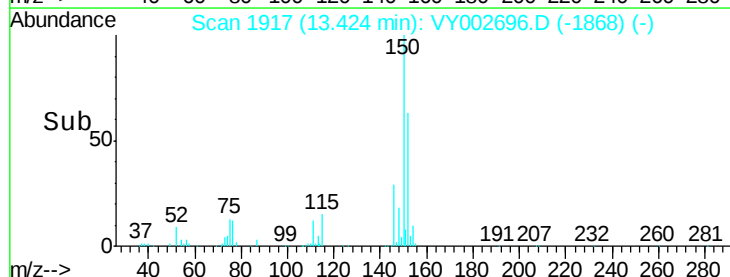
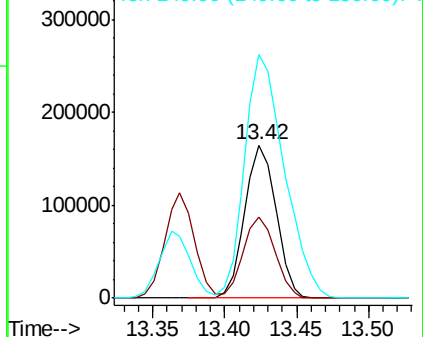
152 100

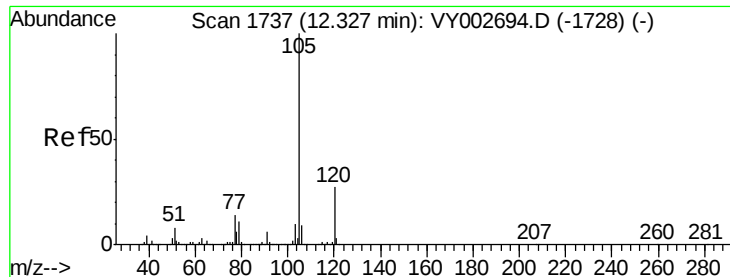
115 54.3 27.2 81.6

150 201.9 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 145.245 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

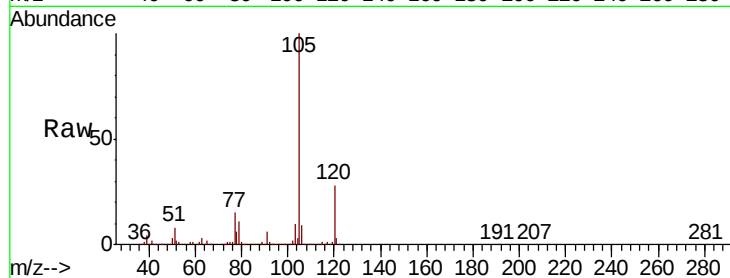
ClientSampleId :

Tot Ion:105 Resp: 2320998

Ion Ratio Lower Upper

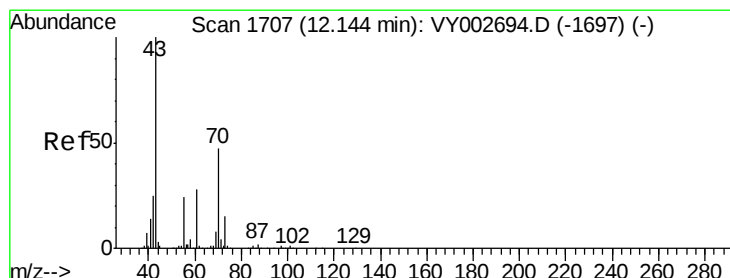
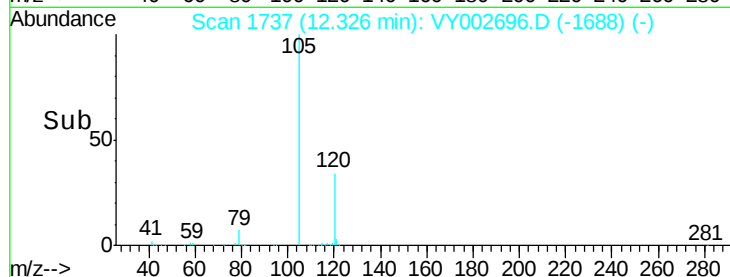
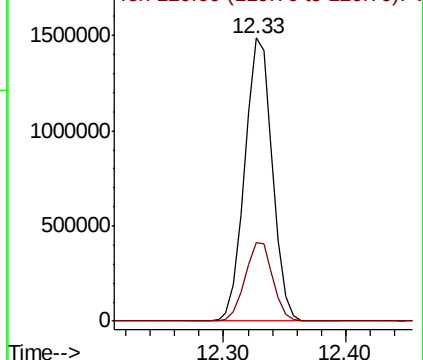
105 100

120 27.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 144.494 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Tgt Ion: 43 Resp: 552321

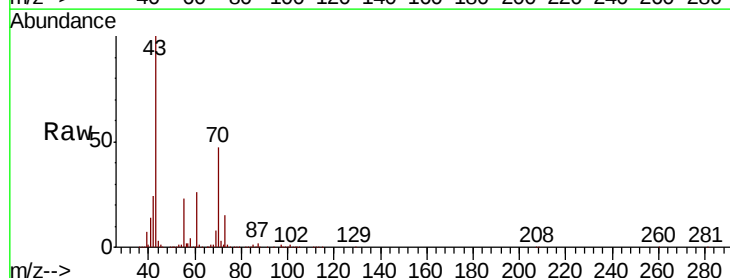
Ion Ratio Lower Upper

43 100

70 47.2 37.7 56.5

55 23.9 19.4 29.0

61 26.6 21.3 31.9

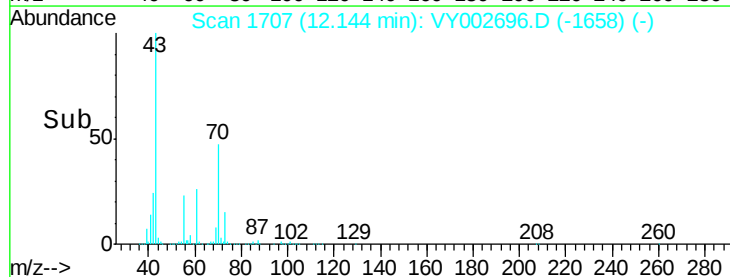
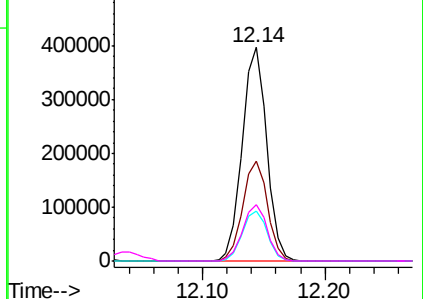


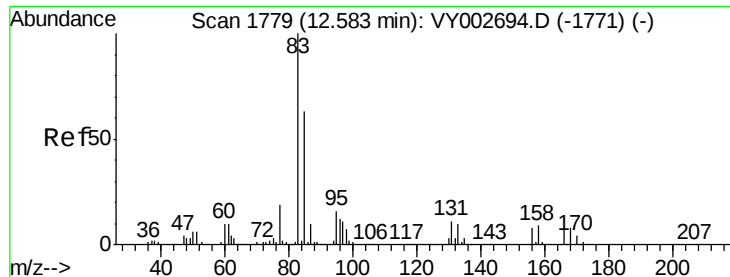
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 139.130 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

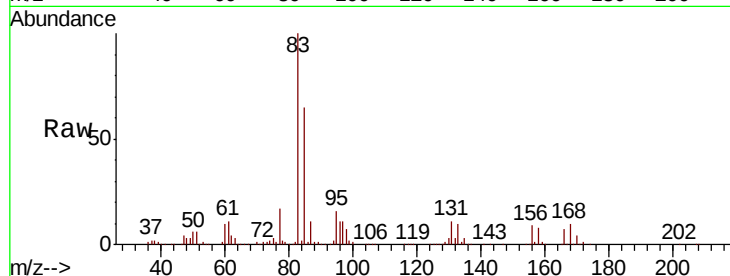
Tot Ion: 83 Resp: 348774

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

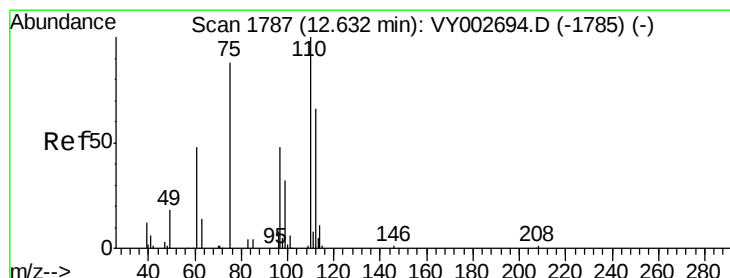
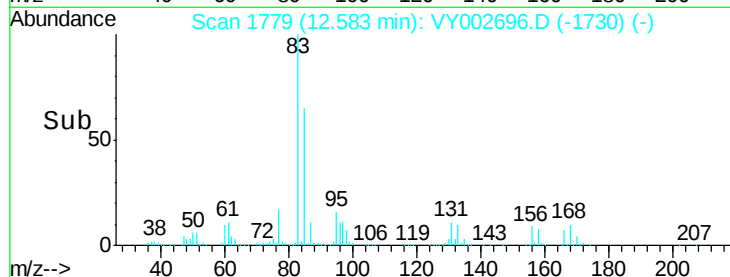
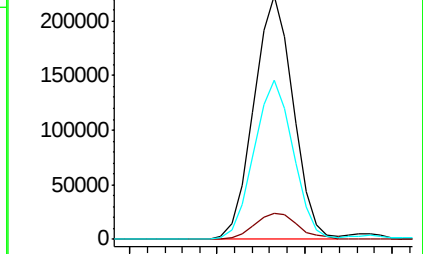
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002696.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002696.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002696.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 253.193 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002696.D

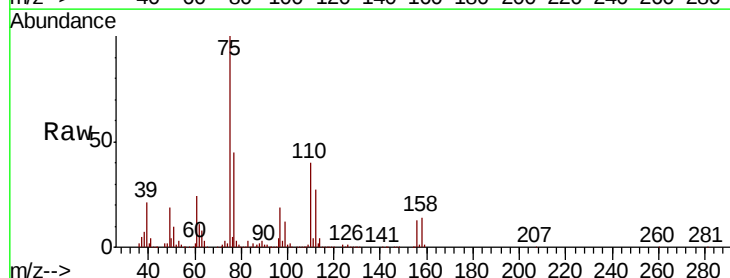
Acq: 15 May 2020 13:16

Tgt Ion: 75 Resp: 544228

Ion Ratio Lower Upper

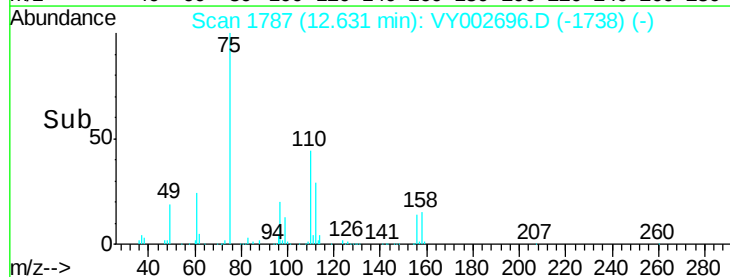
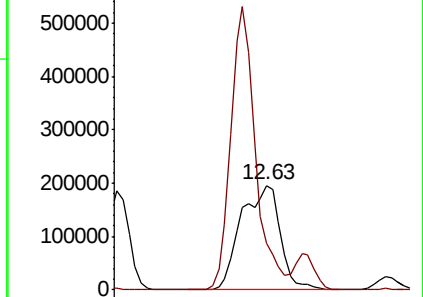
75 100

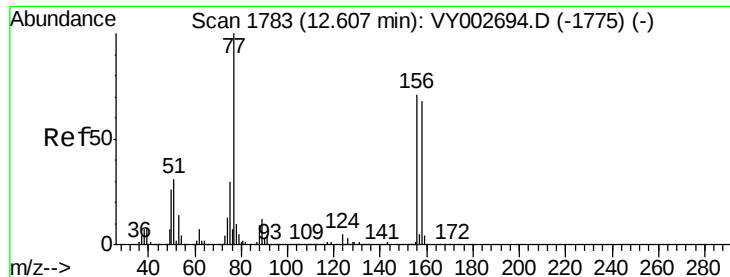
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002696.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002696.D (-1738) (-)





#77

Bromobenzene

Concen: 145.725 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

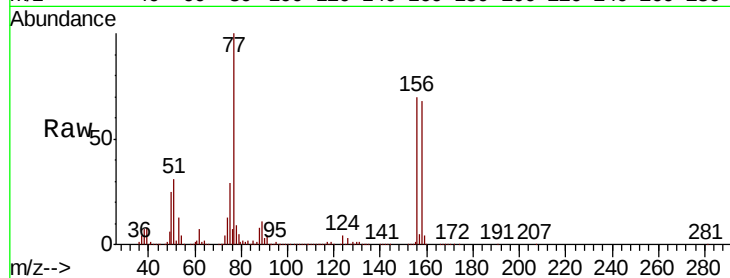
Tot Ion:156 Resp: 581715

Ion Ratio Lower Upper

156 100

77 159.6 80.8 242.3

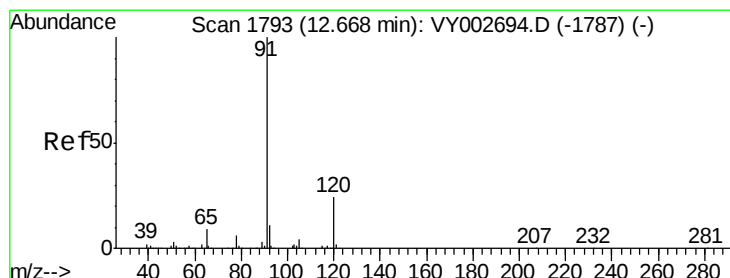
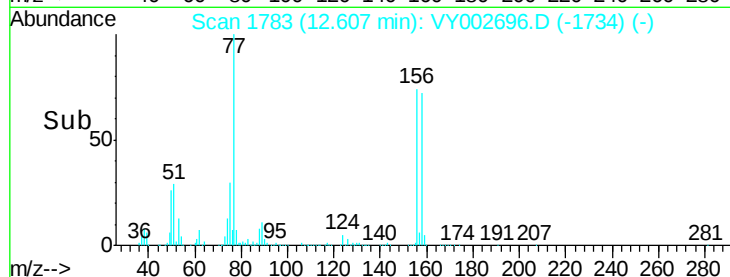
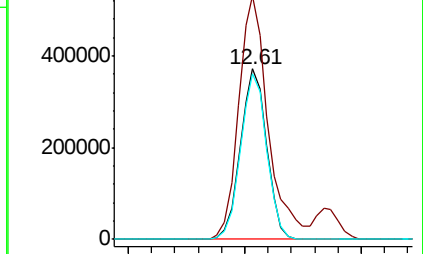
158 97.0 49.0 147.0



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: 144.052 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002696.D

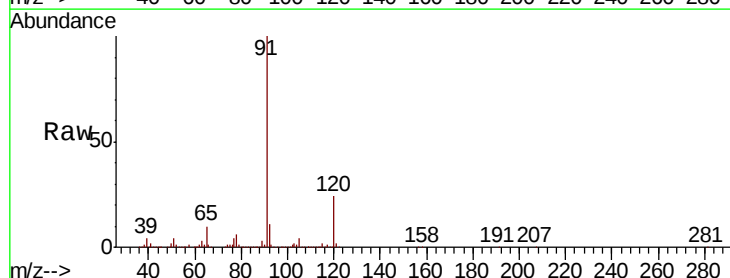
Acq: 15 May 2020 13:16

Tgt Ion: 91 Resp: 2671239

Ion Ratio Lower Upper

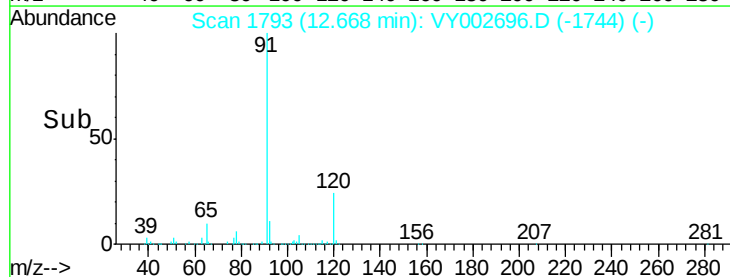
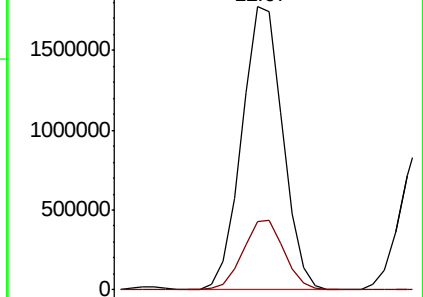
91 100

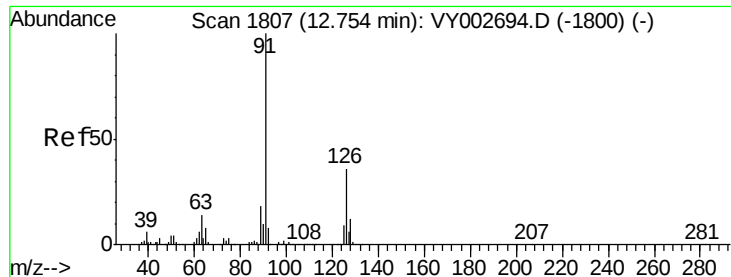
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

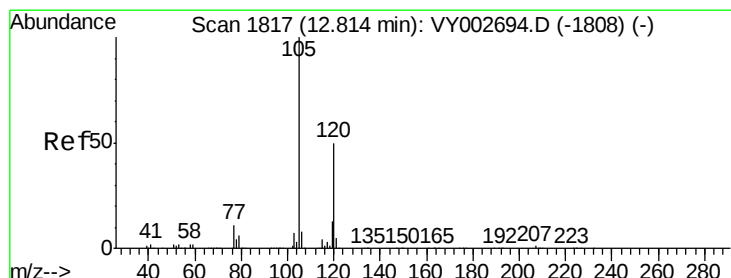
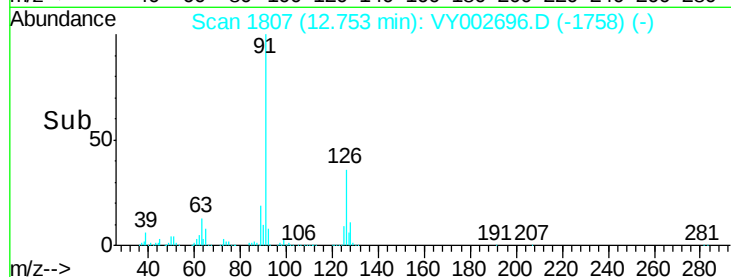
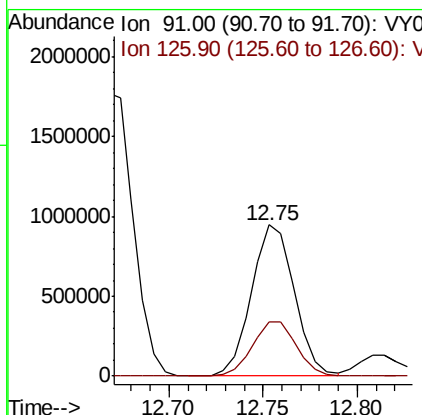
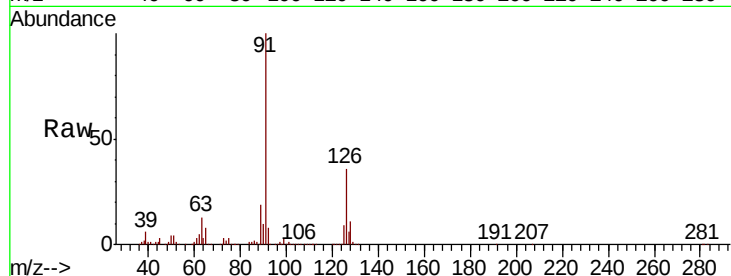




#79
 2-Chlorotoluene
 Concen: 144.780 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

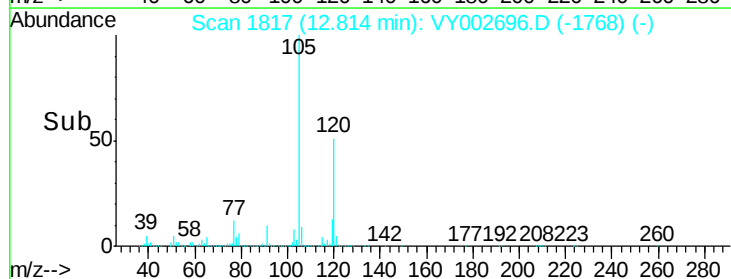
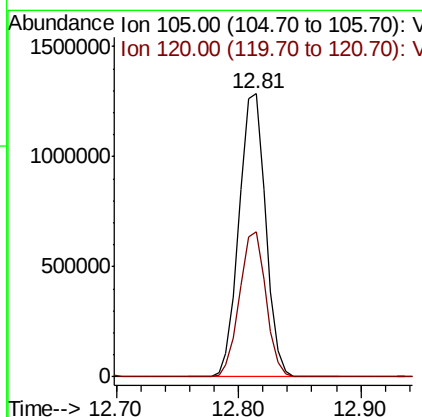
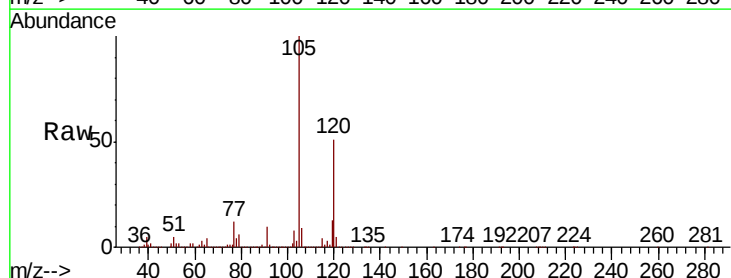
Instrument :
 MSVOA_Y
 ClientSampleId :

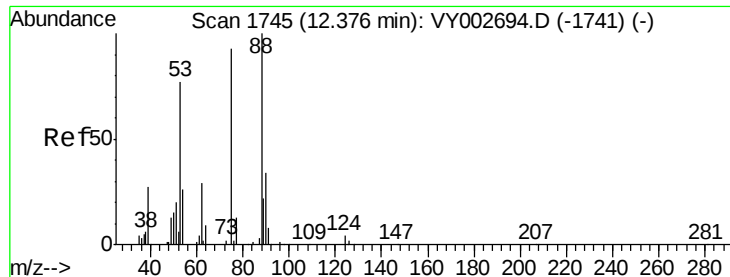
Tot Ion: 91 Resp: 1488500
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 145.701 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion: 105 Resp: 1931596
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.1 75.4

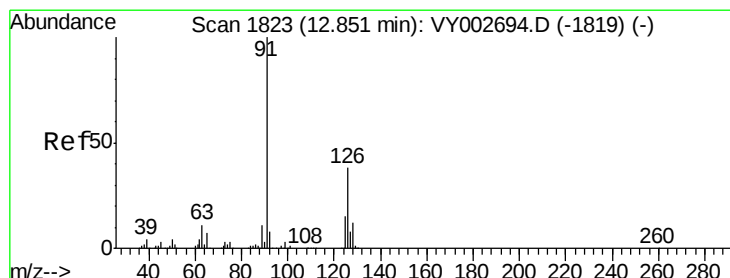
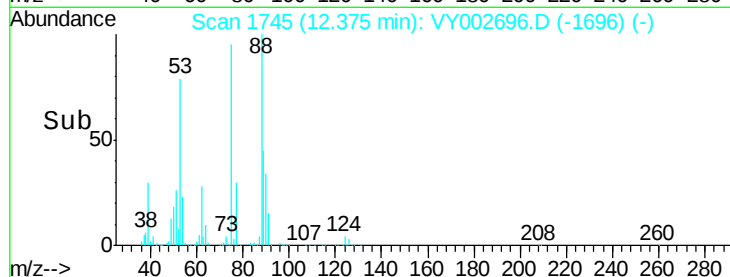
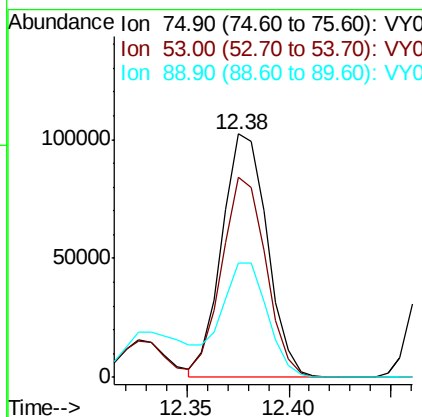
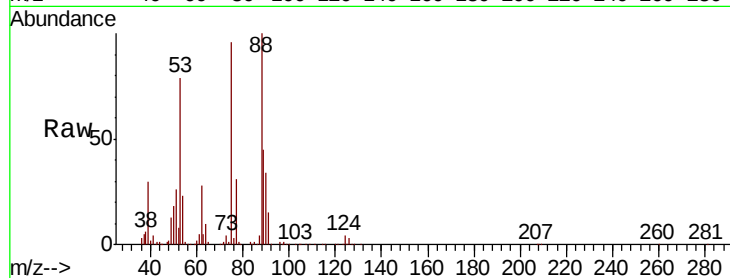




#81
trans-1,4-Dichloro-2-butene
Concen: 144.325 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

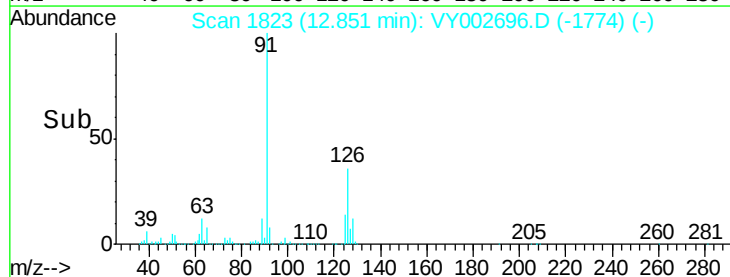
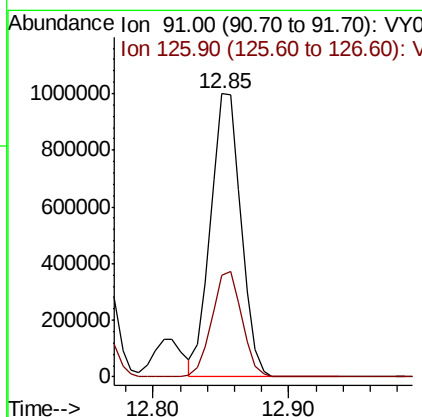
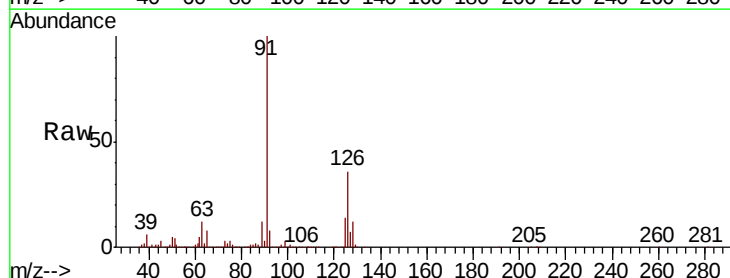
Instrument :
MSVOA_Y
ClientSampleId :

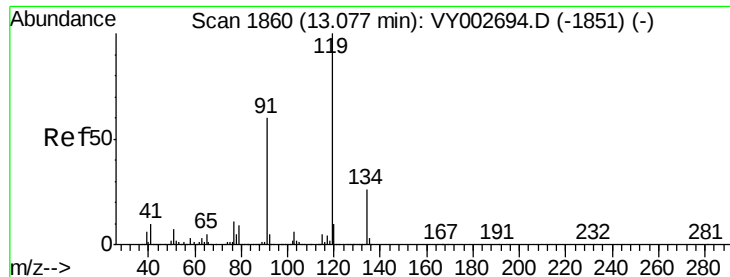
Tot Ion: 75 Resp: 156663
Ion Ratio Lower Upper
75 100
53 81.1 65.0 97.6
89 47.2 66.6 99.8#



#82
4-Chlorotoluene
Concen: 143.188 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 91 Resp: 1543407
Ion Ratio Lower Upper
91 100
126 36.8 18.6 56.0

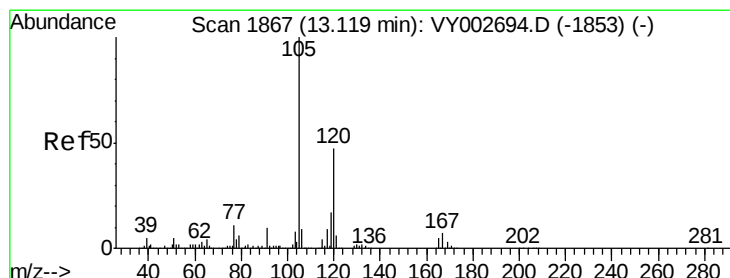
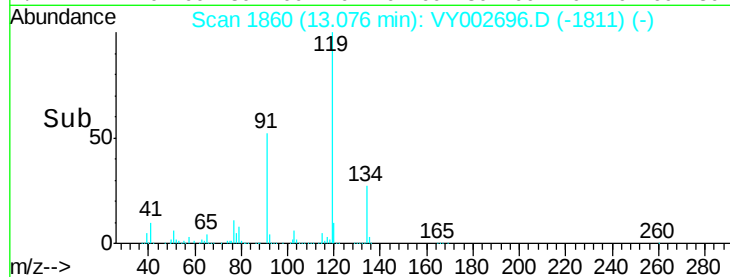
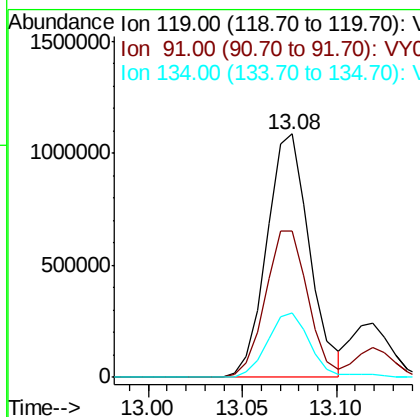
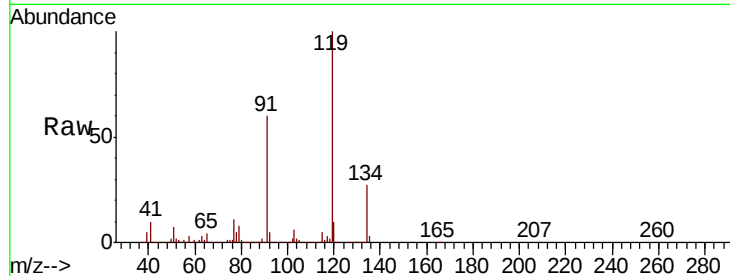




#83
 tert-Butylbenzene
 Concen: 146.994 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

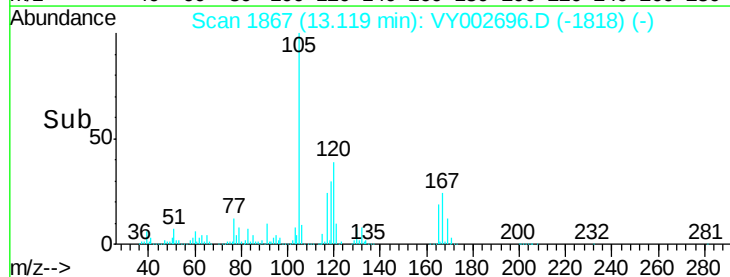
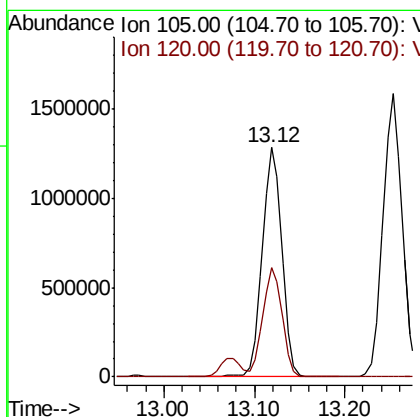
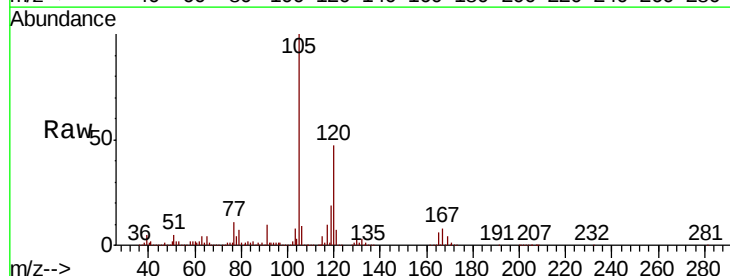
Instrument :
 MSVOA_Y
 ClientSampled :

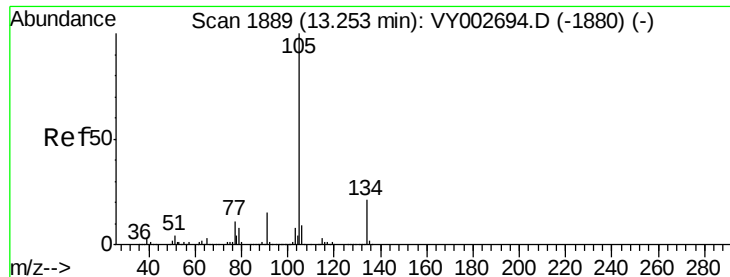
Tot Ion:119 Resp: 1708334
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.4 91.2
 134 27.0 13.4 40.2



#84
 1,2,4-Trimethylbenzene
 Concen: 145.239 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion:105 Resp: 1920864
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.5





#85

sec-Butylbenzene

Concen: 143.503 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

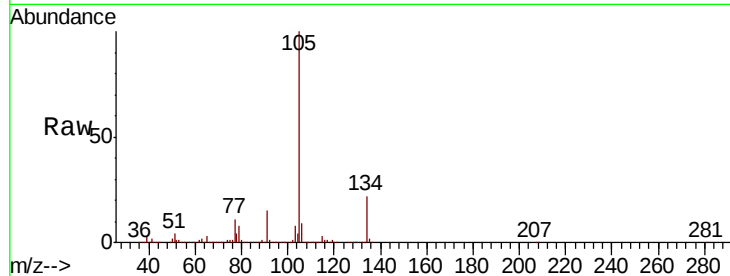
ClientSampleId :

Tot Ion:105 Resp: 2314667

Ion Ratio Lower Upper

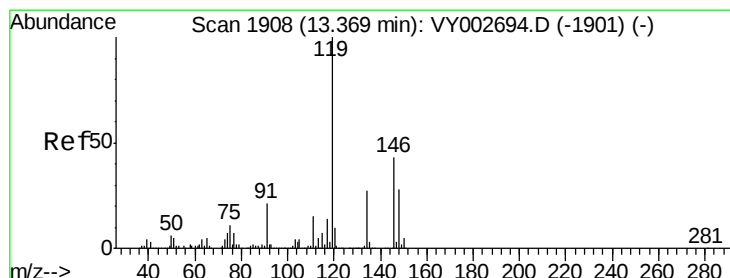
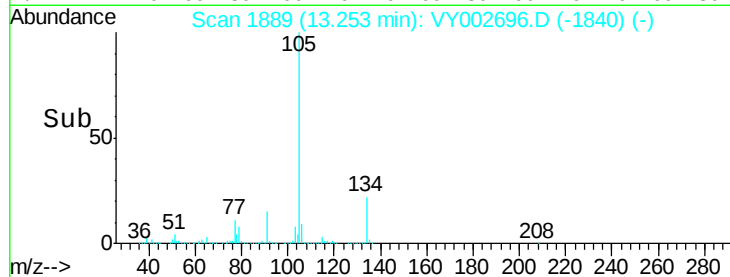
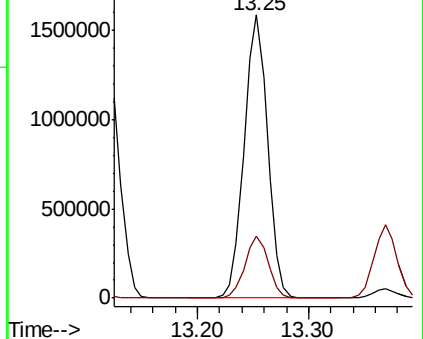
105 100

134 21.8 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 143.395 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

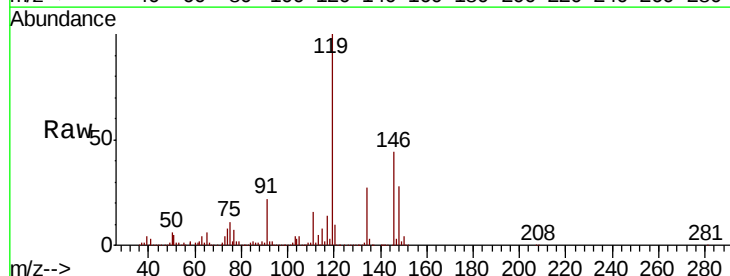
Tgt Ion:119 Resp: 2167396

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

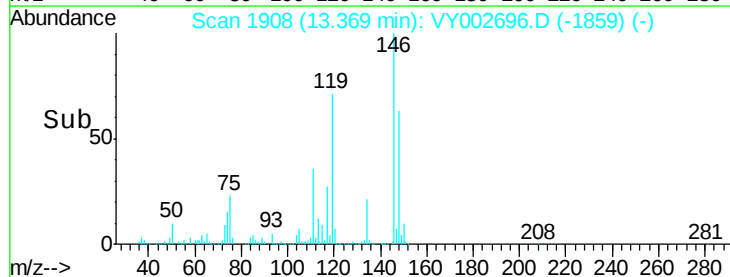
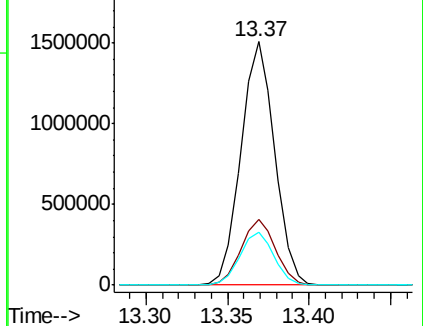
91 21.8 10.8 32.3

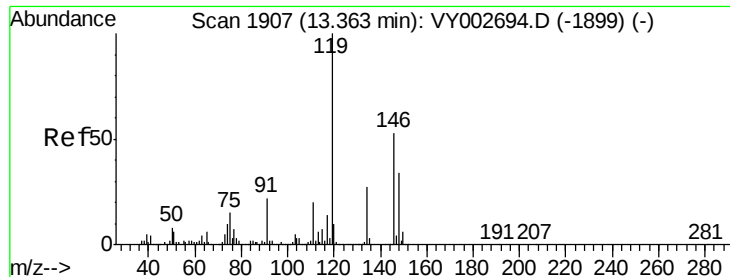


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



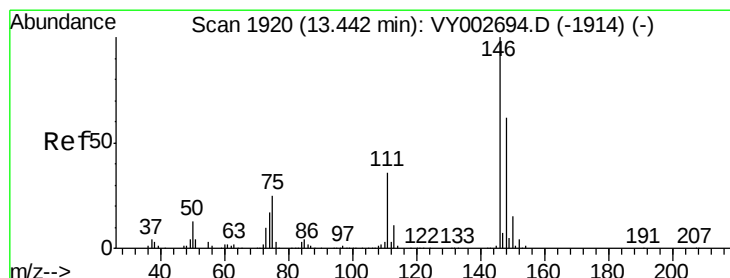
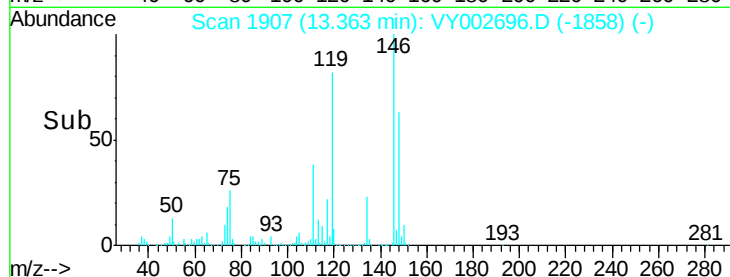
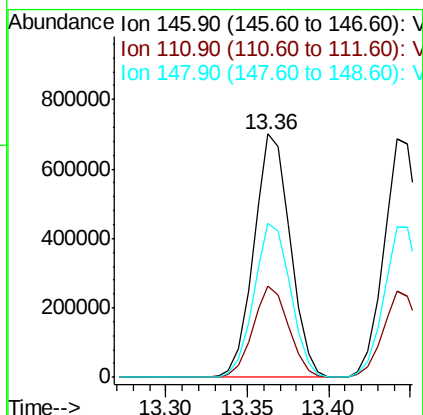
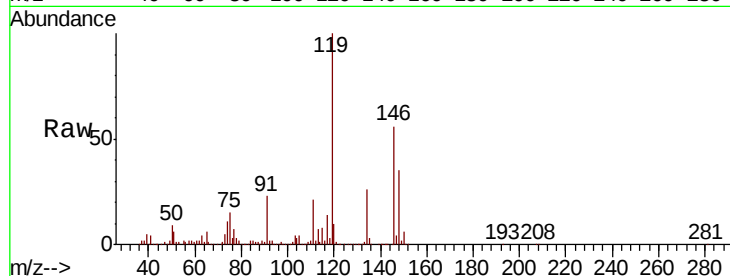


#87
 1,3-Dichlorobenzene
 Concen: 142.484 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:146 Resp: 1078897

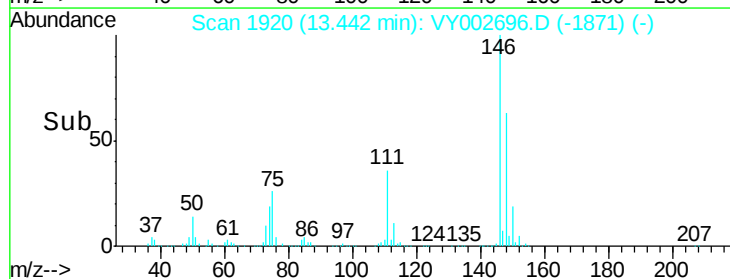
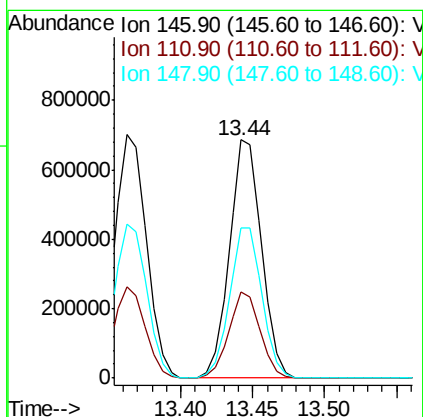
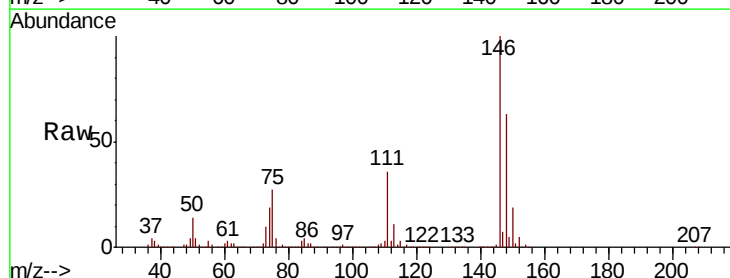
Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.5	55.5
148	63.9	32.1	96.5

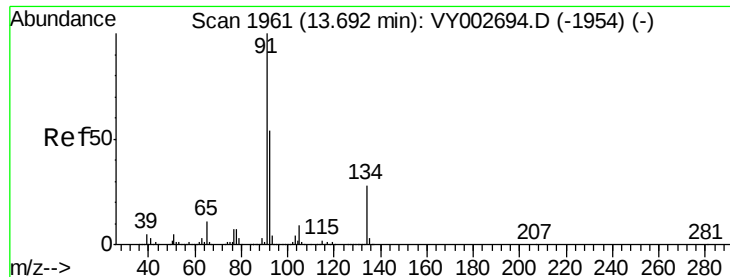


#88
 1,4-Dichlorobenzene
 Concen: 142.531 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion:146 Resp: 1067800

Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.1	54.4
148	63.8	31.8	95.3

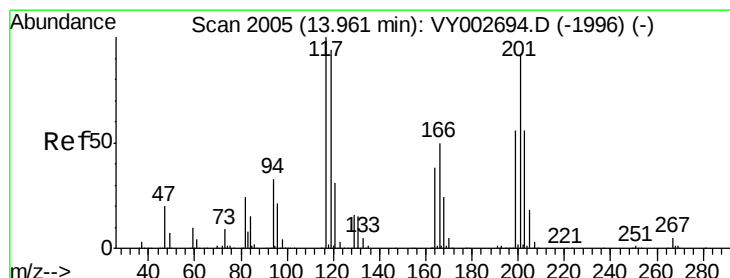
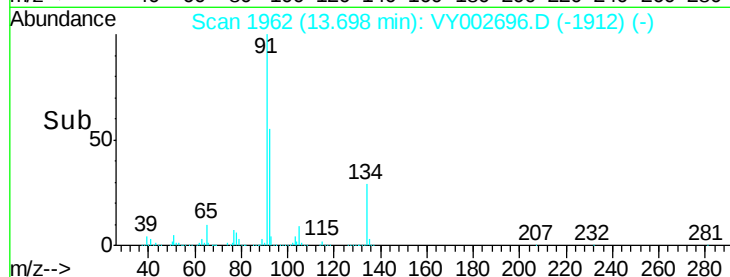
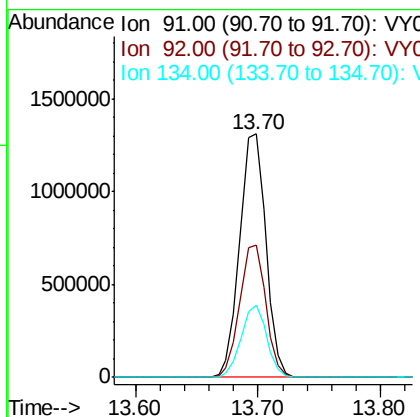
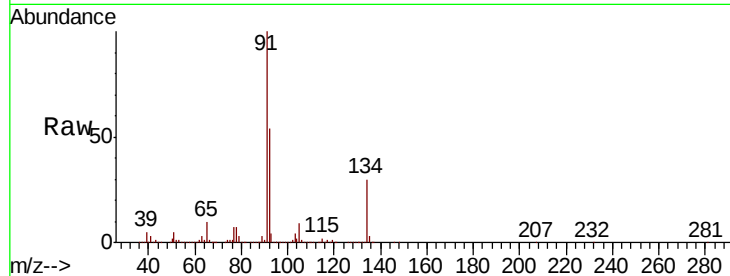




#89
n-Butylbenzene
Concen: 141.414 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

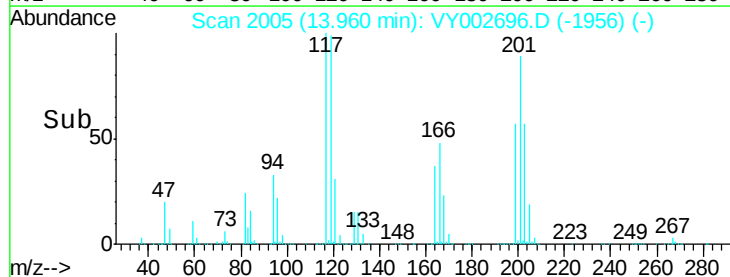
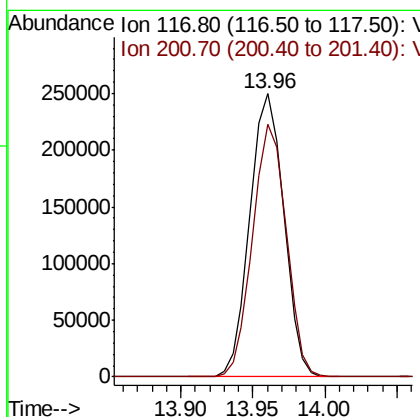
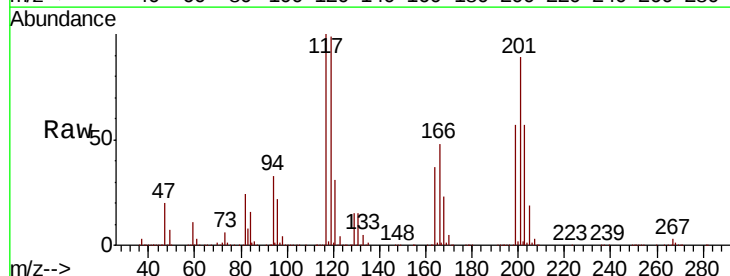
Instrument :
MSVOA_Y
ClientSampleId :

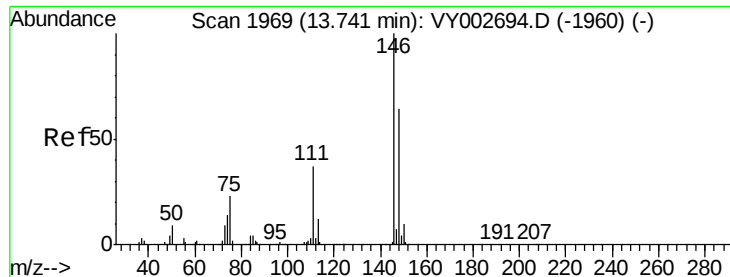
Tot Ion: 91 Resp: 1948435
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.4
134 29.0 14.5 43.5



#90
Hexachloroethane
Concen: 147.564 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion: 117 Resp: 407727
Ion Ratio Lower Upper
117 100
201 88.6 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 141.934 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

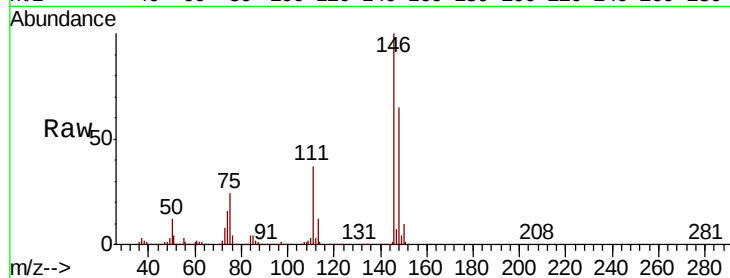
Tot Ion:146 Resp: 958644

Ion Ratio Lower Upper

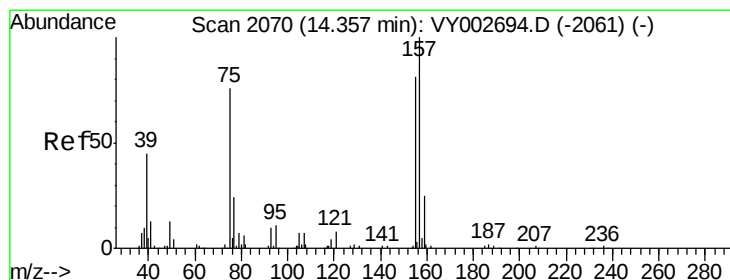
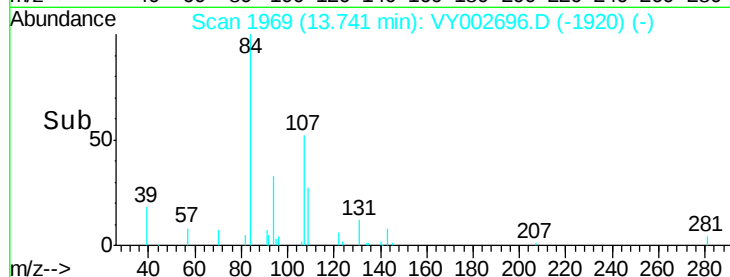
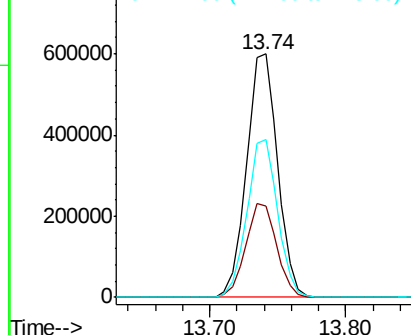
146 100

111 38.3 19.1 57.1

148 64.1 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: 136.035 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002696.D

Acq: 15 May 2020 13:16

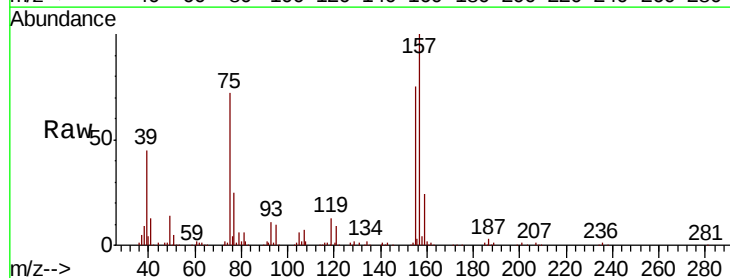
Tgt Ion: 75 Resp: 63954

Ion Ratio Lower Upper

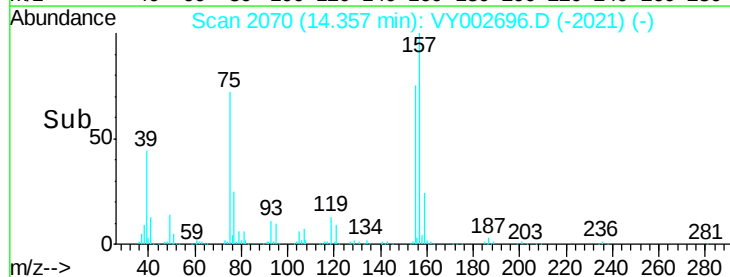
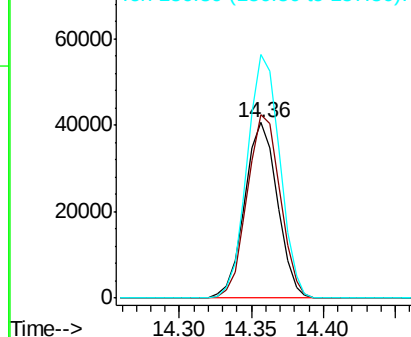
75 100

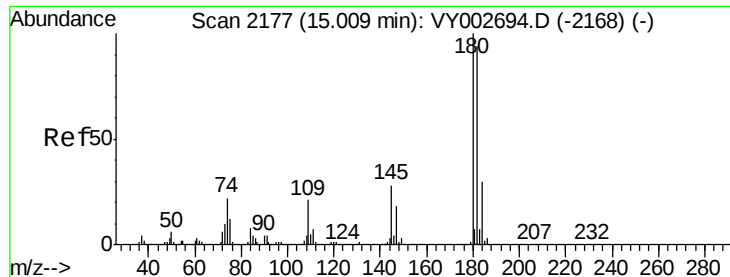
155 105.1 53.5 160.7

157 138.0 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

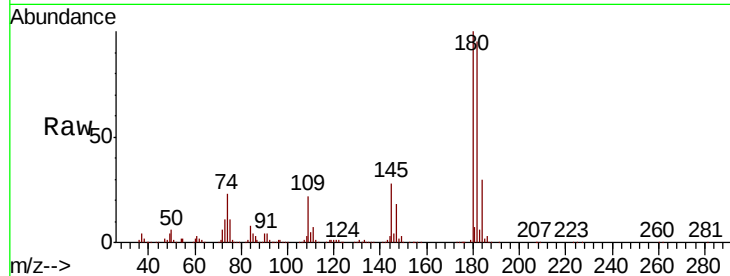




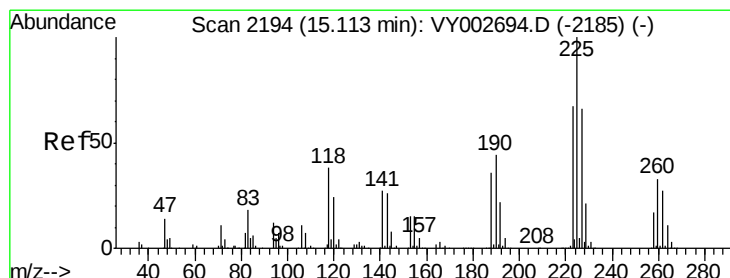
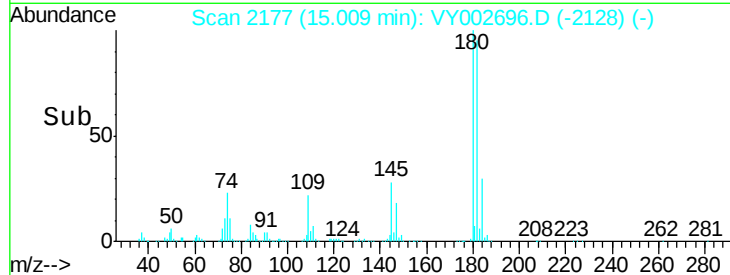
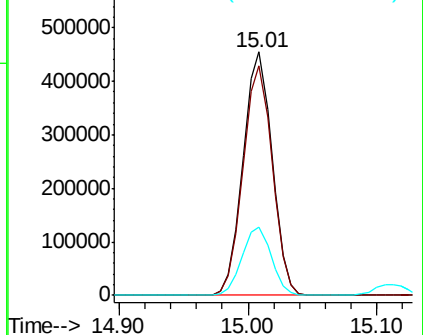
#93
 1,2,4-Trichlorobenzene
 Concen: 143.558 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	28.5	14.1	42.2

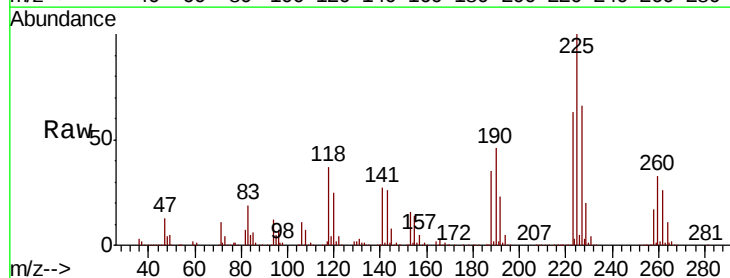


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

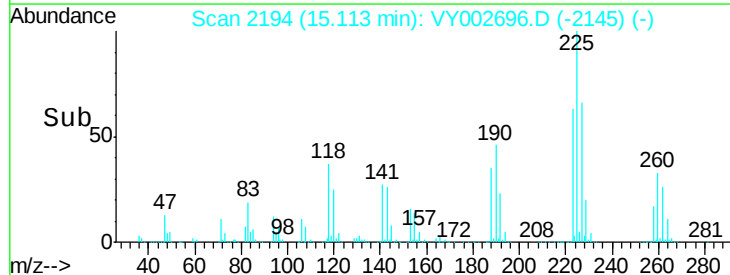
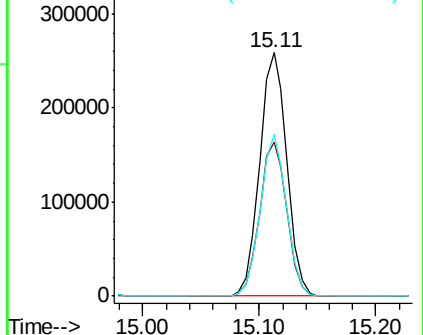


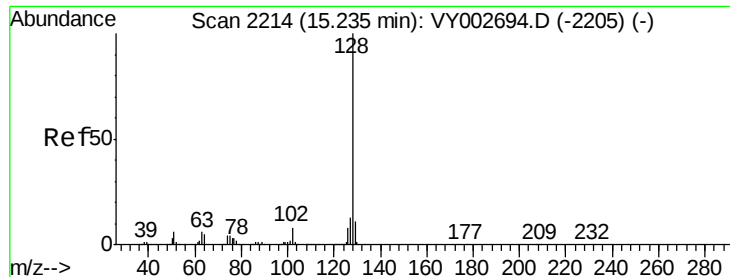
#94
 Hexachlorobutadiene
 Concen: 141.530 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002696.D
 Acq: 15 May 2020 13:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.1	32.2	96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

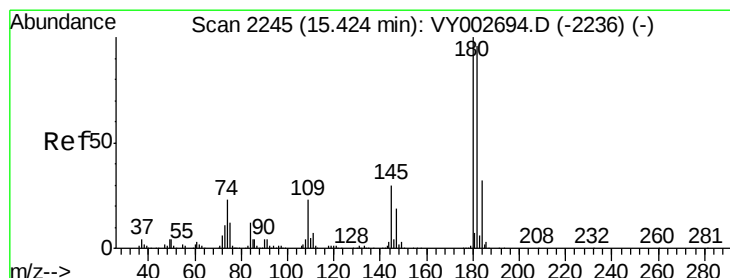
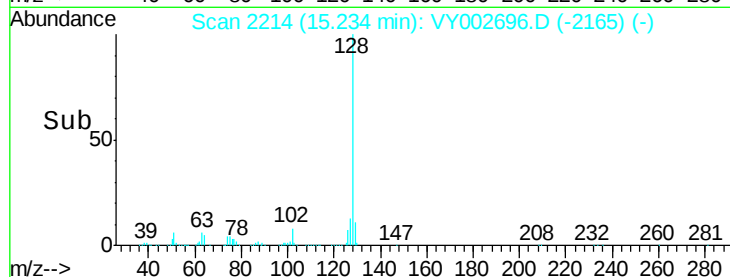
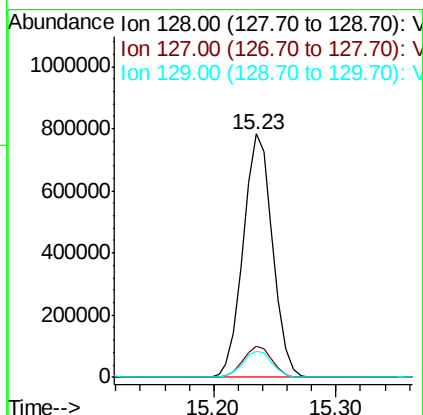
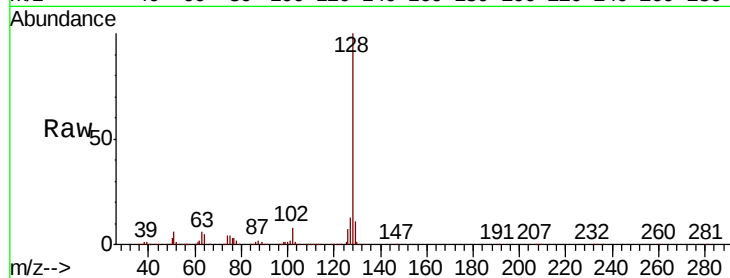




#95
Naphthalene
Concen: 145.466 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 1300674
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 144.255 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002696.D
Acq: 15 May 2020 13:16

Tgt Ion:180 Resp: 602493
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 30.4 15.1 45.3

